MEDICAL MONITORING PROJECT

Protocol
2014

Clinical Outcomes Team

CDC/NCHHSTP/DHAP/BCSB

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Abbreviations, Acronyms, and Definitions

2014 data collection cycle The period of time during which MMP interview and medical record abstraction data will be collected for the 2014 patient sample. This period of time is from May 1, 2014 through May 31, 2015.

DISCOVERE™ A web-based data collection instrument developed by Cerner that is used to collect medical record abstraction data.

ASD Adult/Adolescent Spectrum of HIV Disease

CAPI Computer Assisted Personal Interview – A method of administering interviews in person or over the telephone using a personal computer, typically either a laptop or tablet personal computer.

Computed variables Computed variables have values that are the result of arithmetical or logical manipulations performed using values from other, pre-existing variables.

DCC portal The Data Coordinating Center portal allows field staff to securely exchange data with CDC that are considered sensitive or critical in nature.

Design effect Design effect is the increase in statistical variance that is introduced by using a multi-stage complex sampling design to obtain patient or other samples. Mathematically, design effect is the variance obtained using a complex sampling design divided by the variance that would have been obtained from a simple random sample of the same size. A design effect of 2 means that the variance obtained using a complex sampling design was twice as large as the variance that would have been obtained from a simple random sample of the same size.

EPL Estimated Patient Load - The estimated number of eligible patients in care for HIV at a facility during the population definition period (PDP). These estimates are obtained prior to the end of the PDP from various data sources, including the HIV/AIDS Reporting System (HARS) or the enhanced HIV/AIDS Reporting System (eHARS), laboratory reports of HIV-related tests, and facility contacts, and are used to select eligible facilities for MMP participation.

Facility For MMP, a facility is defined as any clinic, health care institution, private or group physician practice that shares a common medical record system. Note that facilities must meet additional eligibility requirements for participation in MMP.

FSF Facility Sampling Frame, a comprehensive list of all facilities providing HIV medical care within a local project area's jurisdiction

HAPI Handheld Assisted Personal Interview – A method of administering interviews in person or over the telephone using a hand-held personal computer.

HARS HIV/AIDS Reporting System

eHARS Enhanced HIV/AIDS Reporting System

HIV medical care For identifying facilities that are eligible for MMP, HIV medical care is defined as conducting CD4 or HIV viral load testing and/or providing prescriptions for antiretroviral medications in the context of treating and managing a patient's HIV disease on an outpatient basis. Thus, facilities providing HIV care could include outpatient facilities such as hospital-affiliated clinics, free-standing clinics, and private physician offices, and Veterans Administration facilities. Note that although inpatient facilities, prisons and jails, federal military and penitentiary facilities, and emergency departments may provide HIV care, these types of facilities are not considered eligible for the 2014 data collection cycle.

IRB Institutional Review Board

MMP Medical Monitoring Project

MRA Medical Record Abstraction

MDS Minimum Data Set – Basic core surveillance information obtained for all sampled patients. This information will be obtained from HARS or eHARS. These data are referred to as minimal data.

Observation period For the medical record abstraction component of MMP, the observation period is the 24 months prior to patient interview, if the sampled patient was interviewed, or the 24 month period prior to the date of first attempt to contact the sampled patient, if an interview is not obtained (e.g., the participant refused to participate, or is lost to follow-up). For deceased persons, for the MRA the observation period is the 24 month period prior to the date of death.

PDP Population Definition Period – For a given year or cycle of data collection, a predetermined period of time which defines the population of inference. The PDP for the 2014 data collection cycle is the 4 month period from January 1 – April 30, 2014.

PDP PL Population Definition Period Patient Load - The actual count of individual HIV-infected patients seen at a facility during the PDP (i.e., the total PDP patient load derived from a facility's patient list or lists). These counts will differ from the EPLs used to construct the facility sampling frame, because the latter only estimate the PDP PL.

PPS Probability Proportional to Size – A method of sampling in which the probability of selection for each unit on the sampling frame is proportional to some measure of size. For the 2014 MMP data collection cycle, the measure of size for first stage sampling of project areas was the number of reported living AIDS cases as of December 2002. For second stage sampling of HIV care facilities, it is the best estimate of the number of eligible HIV-infected patients who received care at each facility during the PDP (i.e., the best EPL obtainable). Thus, in the second stage of sampling, facilities with more eligible HIV patients have higher selection probabilities than facilities with fewer patients.

Provider A provider is an individual health practitioner (physician, nurse, etc.) within a facility (see Facility definition).

PSU Primary Sampling Unit – The element, or entity, that is sampled in the first stage of sampling. For MMP the 50 U.S. states, plus the District of Columbia and Puerto Rico, were the 52 primary sampling units.

QDS Questionnaire Development System - Software (NOVA Research Company, Bethesda, Maryland) used to develop the MMP interview questionnaire applications deployed on laptop and tablet computers (see CAPI definition).

Sampling frame In probability sampling, the probability of selection of any element or unit, such as a patient, in the population must be known. In order for selection probabilities to be known, a list of population elements is developed from which the sample can be selected. Such a list is called a sampling frame and has the property that every element in the population has a known chance of being selected for the sample. For multistage sampling, a separate sampling frame is developed for each stage of sample selection. Each of the sampling frames after the first selection stage does not list all elements in the entire population, however; each subsequent frame only includes the population of elements within a sampled unit from the prior stage of selection. In MMP, patient sampling frames within a project area will not list all eligible HIV infected persons in care in the project area but only those in care at the sampled participating facilities. Because the probability of selection for each facility from which patient lists are obtained is known, the overall probability of selection for each patient selected during the final patient sampling stage can be determined.

SDN Secure Data Network – The SDN allows field staff and public health partners to securely exchange data with CDC that are considered sensitive or critical in nature. The SDN will be used for any confidential communication directly from the project areas to CDC.

SHAS Supplement to HIV/AIDS Surveillance

SHDC Survey of HIV Disease and Care

SHDC-Plus Survey of HIV Disease and Care Plus

1. Introduction

1.1 Background

HIV surveillance programs in all U.S. states collect a core set of information on persons with a diagnosis of HIV infection, persons who are living with HIV infection, and persons who have died from HIV infection. Historically, supplemental surveillance projects have provided complementary information about the clinical outcomes of HIV infection and the behaviors of HIV-infected persons with respect to seeking medical care, access to and utilization of health care services, and ongoing risk behaviors.

The Adult/Adolescent Spectrum of HIV Disease (ASD) project was implemented in 1990 as a supplemental surveillance system to collect information on the treatment and clinical outcomes of HIV-infected persons who were in care.[1] ASD, a facility-based, observational medical record abstraction project, involved the abstraction of medical records of more than 60,000 people receiving HIV care in 11 U.S. cities. ASD data have been used to examine trends in the incidence of AIDS-defining opportunistic illnesses, to determine whether eligible patients were receiving prophylactic and antiretroviral medications, and to provide information for treatment and prevention guidelines.[2-6]

The need for data on HIV-infected persons' risk behaviors and health care seeking behaviors led to the implementation of the Supplement to HIV/AIDS Surveillance (SHAS) project in 1990. SHAS surveyed persons in 19 areas who were newly reported as having HIV infection or AIDS; these persons were asked about HIV testing, care seeking, access to health care and related services, and ongoing risk behaviors.[7] Analyses examining reasons for late HIV testing, quality of life, drug use, and sexual behaviors have contributed to local planning and the tracking of behavioral trends among persons with HIV infection in care.[7-15]

During the past decade, ASD and SHAS have provided much-needed information that has been used to understand the HIV epidemic. However, in recent years, several factors have progressively limited the usefulness of these surveillance projects. First, early in the epidemic, HIV/AIDS cases were concentrated in large urban areas, primarily on the East and West coasts. Currently, a much larger number of cities and states are heavily affected by the HIV/AIDS epidemic, limiting the usefulness of data collected from the geographic areas in the ASD and SHAS projects. Second, the lack of linked medical record and interview data in these projects limited the ability to estimate key indicators, such as the quality of HIV-related ambulatory care and the severity of need for HIV-related care and services. Third, the generalizability of results from ASD and SHAS to the rest of the adult HIV-infected community was limited because these projects did not use probability sampling methods.

To address some of these concerns, the Survey of HIV Disease and Care (SHDC) was piloted in several areas during 1999. SHDC was a cross-sectional, population-based medical-record abstraction project in which 2-stage sampling was used to obtain probability samples of HIV-infected patients in care in the U.S.[16] In SHDC-Plus, a modification of SHDC conducted in 3 areas during 2003–2004, a subset of persons

whose medical records had been abstracted was interviewed. Both projects were conducted in limited geographic areas. The Medical Monitoring Project (MMP) grew out of experience with ASD, SHAS, SHDC and SHDC-Plus and incorporates some of their features, but unlike these earlier projects it is designed to provide nationally representative, population-based surveillance data. Furthermore, MMP's design addresses the limitations described above.

1.2 Purpose and Scope

The primary objectives of MMP are to obtain data from a national probability sample of HIV-infected persons who received care in the United States to:

- describe the clinical and virologic status of these persons
- describe the prevalence of co-morbidities related to HIV disease
- describe HIV care and support services received and the quality of such services to determine prevalence of ongoing risk behaviors and access to, and use of, prevention services among persons living with HIV
- identify met and unmet needs for HIV care and prevention services to inform prevention and care planning groups, health care providers, and other stakeholders

The primary purpose of this protocol is to provide a consistent method for U.S. state and local health departments to use in collecting data on behaviors and clinical outcomes from a probability sample of adults who received care for HIV infection in their jurisdictions. The method involves the selection of patients who received care during a predefined time period by means of a 3-stage sampling design, in-person and telephone interviews of eligible patients, and abstraction of their HIV-related medical records.

Collection of data from interviews with HIV-infected patients will provide information on the current behaviors that may facilitate HIV transmission; patients' seeking of, access to, and use of HIV-related prevention services; utilization of HIV-related medical services; and adherence to medication regimens. Through abstraction of medical records and interviews with eligible persons, MMP will provide information on clinical conditions that result from HIV-infected persons' disease or the medications they take, as well as the HIV care and support services they receive and the quality of these services. Ultimately, this surveillance project will describe met and unmet needs for HIV care and prevention services, information that can be used to evaluate these services and to direct future resources for HIV-infected persons.

The design will allow for national and state or local estimates of certain characteristics and behaviors that will be generalizable to adults in care for HIV infection in the United States. In order to make estimates that are truly representative, it will be necessary to obtain very high enrollment and participation rates of sampled facilities and patients. State and local HIV/AIDS surveillance programs, which have been operating for more than 20 years, have a history of collaboration with the medical providers and patients in their jurisdictions on projects involving both interview and medical record abstraction.

Surveillance programs will need to build on these collaborations to ensure the high participation rates required for this project.

1.3 Collaborating Agencies and Stakeholders

MMP is conducted through cooperative agreements between CDC's Division of HIV/AIDS Prevention–Surveillance and Epidemiology and the following state and local health departments:

California Department of Health Services
Chicago Department of Public Health
County of Los Angeles Department of Health Services
Delaware Division of Public Health
Florida Department of Health
Georgia Department of Human Resources
Houston Department of Health and Human Services
Illinois Department of Public Health
Indiana State Department of Health
Michigan Department of Community Health
Mississippi State Department of Health
New Jersey Department of Health and Senior Services
New York State Department of Health
New York City Department of Health & Mental Hygiene
North Carolina Department of Health and Human Services
Oregon Department of Human Services
Philadelphia Department of Public Health
Pennsylvania Department of Health
Puerto Rico Department of Health
San Francisco Department of Public Health
Texas Department of Health
Virginia Department of Health
Washington State Department of Health

In addition to CDC, stakeholders for this project include other agencies and groups such as:

- State and local health departments
- National Institutes of Health (NIH)
- Health Resources and Services Administration (HRSA)
- National Association of AIDS Education and Training Centers (AETCs)
- National Alliance of State and Territorial AIDS Directors (NASTAD)
- American Academy of HIV Medicine (AAHIVM)
- Communities Advocating Emergency AIDS Relief (CAEAR)
- Association of Nurses in AIDS Care (ANAC)
- Council of State and Territorial Epidemiologists (CSTE)
- HIV Medicine Association (HIVMA)

- National Association of People with AIDS (NAPWA)
- National Alliance of State and Territorial AIDS Directors (NASTAD)
- National Minority AIDS Council (NMAC)
- HIV prevention planning groups
- Ryan White HIV/AIDS Program planning councils and consortia
- Providers of HIV medical care and prevention services
- HIV-infected persons

CDC established relationships with other federal stakeholders during the conception and development of MMP. Communications with these federal partners will continue for the duration of this project. CDC will maintain communication with state and local health departments through e-mails, conference calls, site visits, and meetings with Principal Investigators, Project Coordinators and other project staff.

Participating health departments should ensure the involvement of local stakeholders in MMP, including affected communities and providers of HIV care. Community input may be sought from established groups that represent HIV-affected communities (such as community planning groups and other potential consumers of the surveillance data) or if already established groups cannot provide appropriate input, from a group of community representatives convened to consult with the health department about this project. Provider input may be obtained by presenting – at local medical society meetings or through newsletters for local providers or other networks – the project, its aims, and its effect on the providers selected to participate.

Many state and local health departments have established relationships with local community planning groups and Ryan White HIV/AIDS Program planning groups. These groups should be made aware of the purpose and status of MMP, and the data it may provide to support local HIV planning activities.

At the national level, CDC has convened community and provider advisory boards for MMP, which include one community representative and one provider representative from each of the 23 project areas. These boards also include members of national organizations (e.g., National Minority AIDS Council, HIV Medical Association, American Academy of HIV Medicine, and others). These boards provide input on the data collection instruments, operational considerations, barriers to participation, the usefulness of collected data, and optimal methods for data dissemination. The community members and providers who serve on the national boards are the designated contact persons at the local level and serve as a resource to patients or providers who are approached about participating but who wish input from a peer before deciding whether to do so.

CDC has contracted with ICF International to provide data management support. The scope of the work for the contract as it pertains to MMP consists of ICF International independently, and not as an agent of the Government, furnishing all necessary personnel, facilities, supplies, and equipment to establish and implement a Data Coordinating Center as an integral part of MMP to achieve each of the following objectives:

1. Receiving data from the 23 MMP project areas (CDC designated project areas)
2. Processing data for quality assurance
3. Creating and transferring cumulative and final data sets to CDC and to project areas
4. Providing ad-hoc technical assistance to MMP project areas
5. Providing formal training sessions for MMP project areas
6. Communication and reporting to CDC

1.4 Initiation, Duration, and Project Period

MMP was initially funded for 4 years (mid-2004 through mid-2008). A cost extension was approved to extend funding through mid-2009 and the project was funded for an additional 5 years (mid-2009 through mid-2014). Thirteen project areas were funded to pilot data collection during year 1: Delaware, Florida, Houston (Texas), Illinois, Los Angeles (California), Maryland, Michigan, New Jersey, New York City (New York), Philadelphia (Pennsylvania), South Carolina, Texas, and Washington. Twenty-six project areas were funded for data collection in years 2 through 5. Year 2 project activities, including preparation for data collection, began in all project areas in June 2005. Because of delays in the Office of Management and Budget Office clearance process and the time needed to complete project activities, the decision was made to skip data collection for the 2006 cycle (data collected on patients in care in 2006) and begin the first full year of data collection in year 4 (patients in care in 2007). Sampling and data collection also took place in year 5 (patients in care in 2008) and will take place in years 6 through 10. Data collection for the 2014 cycle will begin January 1, 2014 (patient lists are compiled from January 1-April 30, and data collection begins in spring/summer each year) and will terminate May 31, 2015. Twenty-three project areas are funded for the 2014 cycle.

2. Methods

2.1 Population of Inference

For each MMP data collection cycle, the national population of inference is HIV-infected adults (18 years of age or older) who received care from known providers of outpatient HIV medical care in the United States during the population definition period (PDP). For each project area, the population of inference is HIV-infected adults who received care from known providers of outpatient HIV medical care operating within the project area during the PDP.

2.2 Population Definition Period (PDP)

The PDP is a predefined time period during which HIV-infected patients must have received care at sampled facilities to be eligible to be selected to participate in MMP. For the MMP 2014 data collection cycle, the PDP is uniform across all project areas and extends from January 1 through April 30, 2014.

2.3 Eligibility Criteria

2.3a State and Local Health Departments

The goal of MMP is to obtain a national probability sample of HIV-infected adults receiving care from known providers of outpatient HIV medical care in the United States; therefore, all 50 states plus the District of Columbia and Puerto Rico were eligible to participate. Six areas separately funded for other surveillance activities (Chicago, Houston, Los Angeles County, New York City, Philadelphia, and San Francisco) were included as part of their respective states for first-stage sampling. Therefore, the entities eligible for first-stage sampling were the 50 states plus the District of Columbia and Puerto Rico. Fifty states, the District of Columbia, Puerto Rico, and the 6 areas above were eligible to receive MMP funding.

2.3b Facilities

The facility sampling frame (FSF) is a comprehensive list of all facilities providing HIV medical care within the local project area's jurisdiction. HIV medical care is defined as the treatment and management of HIV disease, and includes monitoring CD4, HIV viral load tests and the prescription of antiretroviral medications. If all medical providers at a facility obtain CD4 T-lymphocyte counts and HIV viral loads only for referral purposes or if they only provide antiretroviral refill prescriptions – but do not play a more active role in managing their patients' HIV infection – then that facility should be excluded from MMP selection. To be eligible for MMP, the facility must provide of HIV medical care.

Eligible facilities are outpatient facilities that provide HIV care within the selected time period. To be eligible for MMP the facility must be a provider of HIV medical care and, at a minimum, share a common medical record system (this will be referred to as the "MMP facility definition"). This includes hospital-affiliated clinics, free-standing clinics, or private physician offices. Project areas should group physically discrete facilities based on a shared medical record system. However, operational considerations may be taken into account in defining facilities that are part of the same administrative structure. If patients receive care at facility units with separate appointment records or administrative leadership, and the place of care is largely unduplicated, those units may be defined as separate facilities if it would facilitate creating patient lists or recruiting patients. It is important that every eligible patient at a facility be included on the facility's patient list and available to be recruited and that the facility definition be consistent across facilities within a project area. Project area staff should consult with their CDC MMP Project Officer to discuss defining facilities with shared medical records.

Facilities that do NOT provide medical care, such as HIV counseling and testing sites, should be excluded from the FSF. Other facilities that should be excluded from each project area's FSF are facilities that provide exclusively inpatient care including hospices, psychiatric and drug treatment facilities, emergency departments, facilities located outside the funded project area, facilities that have closed, and health facilities located on military installations. Beginning in 2008, correctional facilities are no longer eligible for MMP. Facilities that have provided HIV care only to patients under the age of 18 should also be excluded from the FSF. Some facilities providing HIV care for patients under the age of 18 also do so for those 18 years and older; these facilities are eligible to be included on the FSF. Veterans Administration (VA) facilities in every project area are eligible for participation and must be included on the FSF.

2.3c Patients

At each eligible facility, all patients who meet the following conditions are eligible for inclusion:

1. Diagnosed with HIV (with or without an AIDS diagnosis), at any time prior to the end of the PDP
2. At least 18 years of age at the beginning of the PDP
3. Received medical care (defined as any visit to a facility that provides HIV medical care for medical care or prescription of medications, including refill authorizations) during the PDP

HIV-infected patients who received all of their care solely from emergency departments or inpatient facilities will be excluded from MMP, given that these facilities are excluded from the FSF. Note that exclusion of these patients is based on eliminating certain types of facilities from the FSF; HIV-infected patients who received care at an eligible facility but who also have visited an emergency department or inpatient facility will be eligible for selection to participate in MMP. Information on patient visits to emergency departments or inpatient facilities will be obtained during interviews, or may be documented in medical records.

2.4 Sampling Methods

MMP uses a 3-stage sampling design resulting in annual cross-sectional probability samples of adults receiving outpatient care for HIV infection in the U.S. During the first stage of sampling, which was conducted during early 2004, 20 geographic primary sampling units (PSUs) were selected using probability proportional to size (PPS) sampling based on AIDS prevalence at the end of 2002. **For the second stage of sampling, the areas will use their 2013 facility sample for the 2014 cycle**. During the third stage of sampling, patients will be selected from lists of all eligible patients seen during the PDP at selected participating facilities. More detail about each of these stages of sampling is provided in the following sections.

2.4a First-Stage Sampling

For the first stage of sampling, geographically stratified random sampling was used in which selection probabilities were proportional to a known measure of size. Because the goal of MMP is to obtain a series of national probability samples of adults in care for HIV infection in the United States, all 50 states plus the District of Columbia and Puerto Rico were eligible for selection. Although 6 cities (Chicago, Houston, Los Angeles, New York City, Philadelphia, and San Francisco) were qualified to receive separate funding for MMP, these separately funded cities were included with their respective states for the purposes of first-stage sampling. Therefore, the first-stage sampling frame consisted of 52 PSUs: the 50 states plus the District of Columbia and Puerto Rico.

First-stage sampling for MMP was conducted in early 2004. During this stage of selection, systematic PPS sampling was used in which the measure of size for each PSU was the estimated total number of persons living with AIDS, as reported to the national HIV/AIDS Reporting System (HARS) at the end of 2002. Note that although the target population for MMP is all persons diagnosed with HIV in care in the US, since there was at the time no data system that collected information on HIV-infected persons in care, the best available proxy (indirect) measure of PSU size, i.e., the estimated number of persons living with AIDS, was used during this stage of sampling. Using an indirect measure of size at any given sampling stage does not affect the validity of the statistical estimates derived from the overall sample. Because the first stage of MMP sampling was conducted using probabilities proportional to the measure of the number of persons living with AIDS associated with each PSU, it is estimated that this first-stage sample included more than 80% of the persons living with AIDS in the U.S. during 2002.

On the basis of available funding, 20 PSUs were selected during the first stage of sampling. All 20 state and 6 local (for the separately funded cities within the states) health departments in areas selected for the first stage sample agreed to participate in MMP, resulting in 26 project areas. For the current data collection cycle, 23 project areas were funded. See Appendix A for more information regarding first stage selection.

2.4b Second-Stage Sampling

Project areas will receive a new facility sample for 2013, which they will also use in 2014 (with new patient samples drawn in that second year).

Constructing the sampling frame of facilities

The Facility Sampling Frame (FSF is a comprehensive list of all facilities providing HIV medical care within the local project area's jurisdiction. HIV medical care is defined as the treatment and management of HIV disease, and includes monitoring CD4 and HIV viral load tests and/or the prescription of antiretroviral medications. To be eligible for MMP the facility must be a provider of HIV medical care and share a common medical record system. Project areas must also obtain from each eligible MMP facility an

Estimated Patient Load (EPL) – an estimate of the number of HIV-infected adult patients served for a pre-determined 4 month time period. The EPL is integral to the facility sample selection process. A high-quality EPL is one based on a data run or other objective information source. The FSF serves as the frame from which the MMP facility sample is selected. Because facilities are sampled PPS, an accurate estimate of the number of HIV-infected adult patients in care at each facility during the PDP (i.e., the EPL) must be included on the frame for each facility. The initial FSF was developed by all project areas prior to the first cycle of MMP data collection.

For the purposes of FSF construction and updates, HIV medical care is operationally defined as conducting CD4 or HIV viral load testing or providing prescriptions for antiretroviral medications in the context of treating and managing a patient's HIV disease. Thus, facilities providing HIV care could include outpatient facilities such as hospital-affiliated clinics, free-standing clinics or private physician offices. VA facilities are also considered eligible for the 2014 data collection cycle.

Facilities that are known not to provide HIV-related medical care, such as counseling and testing sites, should be excluded from the FSF. Other facilities that should be excluded from each project area's FSF are facilities that provide exclusively inpatient care, including hospices; emergency departments; facilities located outside the funded project area; facilities that have closed; federal, state and local correctional and work-release facilities; tribal facilities; and health facilities located on military installations. Facilities that provided HIV care only to patients under the age of 18 also should be excluded from the FSF. A separate list of excluded inpatient and other ineligible facilities should be kept by each project area.

Facility Sampling Frame Activities for the 2009-2014 Cycle

All MMP project areas started the 2009-2014 funding period with an updated FSF. Beginning with the 2009 data collection cycle, project areas will use the same FSF for the entire 5 year funding period, updating the FSF as facilities open, close, merge, or experience increases or decreases in patient load. To ensure that the list of HIV care facilities is comprehensive, two activities will take place over the next 5 year funding cycle: 1) an update of the FSF (this is an activity occurring every 2 years where project areas note which facilities opened, closed, merged, etc. and update EPLs), and 2) a reconstruction of the FSF (this is an activity occurring every 5 years where project areas go back to the original sources of facility information). These activities are described briefly, but for more detailed information on these activities, please refer to Appendices B.1 through B.5. Because the 2014 data collection cycle will use facilities selected from the 2013 FSF, the following information is only provided for reference.

All funded project areas will collect data during the 2014 project period. The January 1 through April 30, 2014 PDP will be the same across all project areas.

Updating the Facility Sampling Frame

In each funded project area, the previously constructed FSF for that project area will be

updated every two years to reflect the most recent information available regarding all eligible outpatient facilities known to provide HIV care to adults within the project area's jurisdiction. The objectives of an FSF update are to prepare an accurate, complete, and up-to-date list of facilities eligible for MMP from which a representative sample of facilities can be drawn. As a starting point in conducting an update of the FSF, project area staff should review their existing FSF. These facilities, having previously met the criteria for MMP eligibility, are likely to remain eligible for the upcoming MMP cycle.

For the 2011 and 2013 MMP data collection cycles, the period of time since the FSF was updated will be greater than one year. During this period of time, new HIV care-providing facilities may have begun operations within the jurisdiction of the project areas. CDC recommends that the MMP project area staff meet with HIV core surveillance staff by June 30 of the year before the data collection cycle begins to identify new facilities that are providing HIV care, as well as obtain information about previously eligible facilities whose status has changed (e.g., closed, HIV provider left, etc). MMP staff should take advantage of this meeting with HIV core surveillance staff to obtain contact information for these new facilities and any other information that might be useful to obtain an EPL. To ensure the completeness of the updated FSF, project areas should use two other sources of information (facility visits log and medical record abstractions) to identify potentially eligible facilities.

Reconstructing the Facility Sampling Frame

In each funded project area, the previously constructed FSF for that project area will be reconstructed every five years. For the 2014 data collection cycle, the 2009 FSF (updated for the 2013 cycle) will be used. As such, the following information is presented for reference only. The list of eligible facilities included all eligible facilities within a project area's jurisdiction that would potentially provide HIV care to HIV-infected patients during the 2009 PDP. In order to reconstruct the FSF, project areas first should review all records entered into eHARS since the first HARS extract was performed to develop the previous FSF. Project areas should also choose the two to three most useful data sources, aside from eHARS, used to identify facilities for the first FSF (i.e., the data sources that provided the most facilities not also found in eHARS), and obtain records that were entered for each source subsequent to the previous data extract. Information obtained from MMP interview or medical record abstraction data from previous cycles also should be used to identify facilities not on the previous FSF.

Once the records from each of these data sources have been obtained, they should be cleaned and standardized using methods developed for the initial FSF. These facilities then should be combined into one list, and this list compared to those that were considered eligible for the previous FSF and those that were considered ineligible. Any facilities not on either list are considered newly identified for the data collection cycle. These newly identified facilities should be contacted to determine whether they are eligible for MMP participation; in addition, previously identified eligible and ineligible facilities also should be contacted to confirm their eligibility status for the data collection cycle. Although correctional facilities such as prisons and jails are not eligible for

selection, they should be included on the list of facilities sent to CDC with an indication in the comments field that they are correctional facilities. See Appendices B.1 through B.3 for additional information.

The FSF will be reconstructed again for the 2015-2018 funding period during the 2014 cycle.

Creating a matrix of EPLs from each data source

For the 2014 data collection cycle, facilities drawn from the 2013 facility sampling frame will be used. As such, the following information is presented for reference only. The EPL is an estimate of the actual number of eligible patients that will be seen at a facility during the PDP for a given data collection cycle. In the original construction of the FSF, for each data source from which EPLs could be derived, a 1 year EPL for each facility was determined. Project areas also obtained 1 year EPLs directly from the facilities, either from a data run or other record-based source or as a less precise estimate, at the time facilities first were contacted to determine MMP eligibility. One year EPLs were obtained because it was thought this might be the most feasible time period for EPL determinations by facilities. A matrix, or table, of EPLs from each data source was constructed for all eligible facilities using templates provided by CDC, and this matrix was used to create the FSF used to select facilities for the previous data collection cycles. During this step, the quality of the different EPLs obtained across the various data sources should have been evaluated in order to determine, for each facility, which EPL was the most accurate to use for facility sampling.

For the 2013 FSF, the matrix of 4 month EPLs for all large facilities and a sample of medium sized facilities was created from facility contacts where facility staff provided information either from a data run or other record-based source. For all other facilities, project areas used the most recent data available from existing data sources to accurately reflect the patient load for the January 1 through April 30, 2013 PDP.

Selecting the best EPL for each facility

For the 2014 data collection cycle, facilities drawn from the updated 2013 FSF will be used. A high quality EPL is one that accurately represents the true count of HIV-infected individuals who receive care at a given facility within the PDP for a given data collection cycle. The process of determining, from among the various data sources available for a given facility, which EPL to use in the final FSF is somewhat subjective. This determination is made based on the purpose of the data source, as well as the completeness and comprehensiveness of the data source with regard to the HIV care variable collected in the database. For example, a complete source of laboratory reports is one which includes all CD4 and HIV viral load values; a comprehensive source of laboratory reports is one that includes all reportable CD4 and HIV viral load tests ordered by all eligible facilities in the project area.

MMP staff members in each project area should have periodic discussions with their CDC Project Officer regarding the data sources used to identify newly eligible facilities

and update the matrix of EPLs, and the information used to determine the quality of the EPLs from each of those sources. See Appendices B.1 through B.5 for more information regarding reconstructing and updating the FSF.

The complete 2013 FSF were due to CDC by November 30, 2012 so that facility samples could be drawn by December 31, 2012. These are the facilities from which patients will be sampled for the 2014 data collection cycle.

Small facilities: stratification by facility size

For MMP, it is desirable that the overall probability of selection for each sampled patient be uniform, because this uniformity will result in greater statistical efficiency (i.e., confidence limits for estimates derived from MMP data will be minimized). Small facilities (i.e., facilities with very low EPLs) are technically problematic when multistage probability sampling is conducted and uniformity of the overall patient selection probabilities is desired, because the overall selection probability for a given participant is the product of that patient's selection probability across all three sampling stages. Small facilities will be identified prior to facility sampling in order to adjust the second stage selection probability for these facilities by placing them in a separate stratum, to be sampled at a different rate (with all patients to be sampled in the event that the facility is sampled).

In project areas of large geographic size, or with variations in facility attributes by region, this process can be performed within pre-specified regions to facilitate efficient use of project area resources during data collection.

Selecting the sample of facilities

For the 2014 data collection cycle, the 2013 facility sample will be used. Each project area will send its final, updated matrix of EPLs (including the designated best EPL for each facility) to the DCC. All files sent to the DCC should be stripped of identifying information for each facility; facilities will be identified only by a unique numeric facility identification (ID) number, which will be assigned by the project area. Facility ID numbers for all project areas will be made unique by adding a 4-digit project area code (see Appendix C) in front of the assigned 4-digit facility ID number.

DCC staff will select the sample of facilities. In most project areas, 25 to 50 facilities will be sampled for the 2014 MMP data collection cycle. However, the overall requirements of the sampling design, as well as the number and size distribution of facilities within a given project area, will determine the number of facilities that will be selected from each stratum. See Appendix D for more information regarding second stage facility selection.

Facility recruitment for participation in MMP

Once the sample of facilities has been selected, project area staff will contact each sampled facility to inform the appropriate contact person(s) that the facility has been

selected to participate in MMP. Facilities that are selected in 2013 will be recruited for participation in the 2013 and 2014 data collection cycles. At this time, issues related to how the facility can develop a list or obtain an accurate and reliable count of HIV-infected adults who receive care at the facility during the 2014 PDP, and when this list can be provided to project area staff, should be discussed. Discussions regarding data collection activities for patients selected from the facility should also be initiated at the time the facility is contacted.

Facility recruitment should occur prior to the PDP (January 1 – April 30, 2014) so that patient lists can be obtained as soon as possible following the PDP end date.

It is expected that sustained effort will be necessary from project area staff in order to successfully recruit each sampled facility to participate in MMP. Every funded project area should have a strategy, based on their experience conducting MMP and similar projects and discussions among all funded project areas, for contacting and recruiting sampled facilities. Experience from previous surveillance projects suggests thatreluctant or otherwise difficult-to-enroll facilities are most likely to respond favorably if contacted by the medical director of the health department or HIV program. Alternatively, the local MMP Provider Advisory Board (PAB) member might be helpful for recruiting facilities that are initially reluctant to participate. Because a high facility response rate is critical to the success of MMP, each project area should develop a strategy for facility recruitment that will maximize facility participation.

Even if a facility is not willing to participate, the facility is retained as part of the facility sample for a given project area. No substitutions will be made for facilities that refuse to participate in MMP. **A facility that refuses to participate is refusing participation for all of its patients**; these patients, and similar patients, will have a lesser opportunity or no opportunity at all, to be represented by MMP. If a facility refused to participate in 2013, they should be recruited for participation in the 2014 data collection cycle, since the same facility sample will be used for 2013 and 2014.

2.4c Third-Stage Sampling

At each participating facility, eligible patients will be sampled for inclusion in MMP. Patients will be sampled using list-based sampling (i.e., from lists of patients seen at each facility during the 2014 PDP). The selection of the patient sample will be done in a manner that will result in an equal probability of selection method sample at the patient level (except in the stratum of small facilities). This means that patients will be sampled from each facility with a third-stage sampling probability which, when multiplied by the second-stage selection probability, results in the same overall selection probability for every patient selected in the project area (except in the stratum of small facilities, where the overall selection probabilities will be slightly smaller).

List-Based Sampling

Constructing the patient sampling frame. A list of HIV-infected adults who received

medical care during the 2014 PDP should be requested from all sampled facilities. Templates for collecting and recording this information will be provided to project areas by DCC. The patient lists should include each patient only once (i.e., patients seen for care in the PDP should not be included an additional time if they had another visit to the facility later in the PDP). Methods for constructing patient lists may vary by facility. Strategies could include using lists of patients whose classifications according to the International Classification of Diseases (ICD-9 or ICD-10) for procedures, tests or prescriptions during the PDP are related to HIV. This should not be the only method used by a facility to identify eligible patients, however, because for third-stage sampling all HIV-infected adult patients presenting for any type of care at that facility are eligible for inclusion.

Obtaining lists and/or estimates of PDP PLs from each participating facility. Patients will be eligible for selection only at their first reported visit to the facility during the PDP in order to ensure that multiple visits to the same facility do not lead to multiple opportunities for selection. Note that the operational definition for this component of patient eligibility (receipt of any care at the facility during the PDP) is different from that which is used to operationalize facility eligibility (CD4 or HIV viral load testing or prescription of antiretroviral therapy). Care is defined as any visit to the facility for medical care or prescription of medications, including refill authorizations and vaccinations. It is important that the list contain only patients who received care at the facility; facilities should exclude patients who made appointments but did not keep them.

The list of eligible patients will be collected from every participating facility after the end of the PDP (April 30, 2014). Lists should be obtained from each facility as soon as they are available; patient sampling cannot be conducted until patient lists are received from **every** participating facility within a project area. Patient lists are due to the DCC by June 30, 2014, and patient samples should be drawn by July 31, 2014.

Creating a file of PDP patient lists. As patient lists are received from participating facilities, each project area will create a file containing these lists or estimated counts. A template for this purpose will be provided by the DCC. Project areas should request patient lists that contain unique identification information or, at minimum, codes for individual patients within each participating facility. The patient information provided by each facility should include unique identifying information which will enable the facility to fully identify each patient that is selected for MMP participation.

If feasible, the project area should review the information received from each facility to ensure no patient appears on a given facility's list more than once. Since information used to identify patients will differ across facilities, the lists should <u>not</u> be unduplicated <u>across</u> any of the facilities; instead, adjustments will be made to the statistical weights used in data analysis to account for multiple patient visits to different facilities during the PDP if such patients are sampled and respond.

Comparing the selected best EPLs with PDP patient loads or estimated PDP patient loads. For each facility, the actual count of unique patients seen during the entire PDP (the PDP patient load, or PDP PL, which is derived from a facility's patient

list or lists) will differ from the selected best EPL that was used previously to construct the FSF. The extent to which this EPL for each selected facility differs from the PDP patient load should be reviewed by the project areas, in conjunction with the CDC Project Officer, as patient lists and estimated PDP PLs are received during facility recruitment.

Selecting the patient sample. Once a project area has obtained PDP patient lists from all participating facilities where list-based sampling will be used, a copy of this file should be made in preparation for transmitting the patient lists to the DCC. The copied file should then be stripped of patient identifiers used by the facilities. If estimated PDP PLs (i.e., patient list totals) have been obtained, lists of individual patients should be generated from these estimates. Patients on every patient list will be identified only by a 12-digit participant ID number that will be assigned by the project area. This unique identifier will be associated with each patient throughout a data collection cycle in MMP and should appear on all data collection forms and in all databases. Participant ID numbers will be formed using 4-digit numbers that are assigned consecutively to patients on each facility's patient list. The first 8 digits of the participant ID will be the full ID of the state/city and facility from which the patient was sampled. The edited, copied file should be encrypted and sent to the DCC via the data portal.

For each project area using list-based sampling, patient sampling will be conducted shortly after the end of the PDP (April 30, 2014), as soon as the patient lists have been received from all participating facilities (all patient lists should be sent to the DCC by June 30, 2014) and have passed data quality checks. The file containing lists of HIV-infected patients seen during the PDP at all participating facilities will be used to select the patient sample. The selected participant ID numbers will be returned to the project area via the DCC after patient sampling has been completed; this set of participant IDs will comprise the entire patient sample for the project area. See Appendix E for more information regarding third-stage patient selection.

Patient recruitment for participation in MMP. Persons selected during third-stage patient sampling may be offered enrollment through two general recruitment processes: MMP project area staff-contact enrollment or facility-referred enrollment. The recruitment strategy will vary according to facility preference and state or local project area Institutional Review Board (IRB) requirements.

For MMP staff-contact enrollment, facilities will provide project area MMP staff with contact information for patients selected for recruitment. After obtaining patient contact information, the MMP staff will contact selected patients to describe the project and offer enrollment. Telephone scripts will be used by all project areas to ensure a standardized recruitment approach within project areas. Patients who are eligible for enrollment and agree to participate will be scheduled for an interview at a location that is convenient for the patient and meets the need for patient privacy or will be interviewed over the phone.

Patients recruited through facility-referred enrollment initially will be contacted by staff of the facility from which they were sampled. This may be done by telephone, in person, through chart insert and/or letter mailed from the facility. If by telephone or in person,

the facility staff will describe the project briefly and ask permission to provide contact information to MMP staff so that enrollment can be completed, or the facility staff will ask the patient to contact the MMP staff. If recruitment takes place via chart insert or letter, the documents will describe the project briefly and will provide contact information to enable the participant to reach MMP staff.

All patients selected for the sample should be recruited for enrollment in MMP. Patients are considered eligible if they receive care in a project area jurisdiction even if they are a resident of another jurisdiction.

Project area patient sample sizes

MMP staff in all project areas will interview patients and abstract medical records during the 2014 data collection cycle. MMP patient sample sizes in the project areas range from 100 to 800 during 2014 (Appendix F).

Because MMP is primarily a descriptive project, power calculations, which are used in sample size determinations for studies that test specific hypotheses, were not performed. Instead, the level of precision (i.e., the estimated 95% confidence interval half-width) was the criterion for determining sample sizes in individual project areas. Ninety-five percent (95%) confidence interval half-widths were calculated for a variety of sample sizes and design effects.

95% Confidence Interval half-widths for total population estimates for various sample sizes and design effects

N	CI half-width design effect = 1	CI half-width Design effect = 2	CI half-width design effect = 3	CI half-width design effect = 4	CI half-width design effect = 5
100	9.80%	13.86%	16.97%	19.60%	21.91%
200	6.93%	9.80%	12.00%	13.86%	15.50%
300	5.66%	8.00%	9.80%	11.32%	12.65%
400	4.90%	6.93%	8.49%	9.80%	10.96%
500	4.38%	6.20%	7.59%	8.77%	9.80%
600	4.00%	5.66%	6.93%	8.00%	8.95%
700	3.70%	5.24%	6.42%	7.41%	8.28%
800	3.46%	4.90%	6.00%	6.93%	7.75%
900	3.27%	4.62%	5.66%	6.53%	7.30%
1000	3.10%	4.38%	5.37%	6.20%	6.93%
1200	2.83%	4.00%	4.90%	5.66%	6.33%

It was determined that 400 is the minimum sample size for a state to obtain total population estimates with an acceptable level of precision (assuming a design effect, or increase in variance of estimates due to using a multistage sampling design, of 1). This sample size was assigned to most of the states with the lowest AIDS prevalence. Sample sizes for states with moderate to high AIDS prevalence were determined based on the distribution of cases among the 20 sampled states and the 6 separately funded cities in those states, in order to achieve a national sample size of approximately

10,000. These project area sample sizes will allow national estimates at an acceptable level of precision for subpopulations as small as 5% of the total population of interest.

2.5 Data Collection

For the 2014 data collection cycle, all project areas will conduct interviews for all participating sampled patients. Each project area also will perform medical record abstractions, and will collect minimal data elements on each sampled patient.

2.5a Personal Interview

The MMP interview is a structured interview administered face-to-face or via telephone to sampled patients who consent. Interviews for the 2014 data collection cycle should begin as soon as the project area receives their patient sample or no later than July 31, 2014, and should be completed by April 30, 2015. All interview data should be sent to the DCC according to DCC submission schedules.

Interview instruments/applications

The MMP interview takes approximately 45 minutes to complete and is available in English (Appendix G.1) and in Spanish (Appendix G.2). The 2014 questionnaire consists of 13 modules to be administered in all project areas: Preliminary Information; Demographics; Access to Health Care; Stigma and Discrimination; HIV Treatment and Adherence; Sexual Behavior; Drug and Alcohol Use; Transmission Risk Behaviors; Prevention Activities; Depression; Gynecological and Reproductive History; Health Conditions and Preventive Therapy; and Interview Completion.

It is always preferable that the interview be completed during a single encounter. However, follow-up time may be scheduled to complete an interview if it cannot be completed during a single encounter. In the latter instance, the interviewer should attempt to complete the interview as soon as possible after the encounter in which the interview is initiated.

Electronic versions of the questionnaires will be provided by CDC for administration by means of a computer-assisted personal interview (CAPI) via a laptop computer, netbook, or tablet. The CAPI interview applications were developed using Questionnaire Development System (QDS) software (NOVA Research Company, Bethesda, Maryland). Paper versions of the questionnaires will also be provided for administration of the interview in the event that a device malfunctions and the QDS application cannot be administered. A complete checklist of all interview-related materials and equipment is provided in Appendix G.5.

Local questions

Project areas may choose to develop questions for local use. These questions are not part of the CDC MMP. However, because the addition of local questions can have an impact on MMP, CDC strongly recommends the following guidelines:

- The administration time for local questions should not exceed 10 minutes.
- If local questions pertain to subject matters that are sensitive or have potential legal implications (e.g. childhood or sexual abuse, suicide), the project area must ensure that interviewers are properly trained to deal with adverse events and are knowledgeable about and able to offer appropriate referrals.
- Local questions must be administered after all other interview questions are completed, at the conclusion of the MMP interview.
- A courtesy copy of all local questions in use by a project area should be provided to the CDC Project Officer.
- Local questions and data from local questions that are presented at scientific meetings, shared with colleagues for scientific input, used for publication in abstracts or journals, or disseminated in any other format should include a disclaimer indicating that such questions were developed by the respective state/local health department and are not part of the CDC MMP.
- Obtaining approval for the use of local questions (e.g. IRB approval or any other type of required approval, as applicable) is the sole responsibility of the project area.

Interviewees

Informed consent. All respondents administered the questionnaire must provide appropriate consent prior to interview participation, in compliance with all state and local, and when necessary, facility-specific IRB guidance. See Appendices H.1 and H.2 for English and a Spanish translation of the "MMP Statement of Informed Consent" as example informed consent forms that could be used for this purpose.

Special populations. Non-English, non-Spanish speaking patients requiring an interpreter should be administered the Standard Questionnaire through the interpreter (see section ii, subheading c entitled "**Interviews using an interpreter.**" Project areas should follow their state or local IRB guidance regarding any consent forms or confidentiality agreements necessary for circumstances in which translation is required.

Patients who are ill, but willing to consent and attempt to do the standard Interview are eligible for MMP.

When interviewing a patient with hearing impairment, a sign language interpreter may be required. These instances should be treated as all other interpreted interviews (see below). Administration of the MMP interview does not pose any special risk to pregnant women. While prisons are no longer included in the sample frame, the eligibility of incarcerated persons recruited at an eligible facility, yet residing in jail or prison, will be determined by the project areas according to local regulations and requirements.

As is true for all MMP participants, patients who face challenges in completing the entire MMP questionnaire should be allowed to discontinue participation at any time during the interview.

Interviews using an interpreter

Persons considered to be acceptable interpreters for the MMP interview will vary by project area. Health departments may already have standards in place and some state or local IRBs may have specific requirements for interpreters. At a minimum, the interpreter must sign a confidentiality agreement in accordance with project area requirements.

All project areas should create standards for interpreted interviews and adhere to them throughout the data collection cycle. Reference material may be found at the Office of Civil Rights, Title VI. Additional information about Title VI and Limited English Proficiency or LEP guidance may be found on the Department of Health and Human Services website at http://www.hhs.gov/ocr/civilrights/resources/specialtopics/lep/.

Project areas should anticipate what non-English, non-Spanish languages they are likely to encounter, and what resources and arrangements they may need to make to secure an effective interpreter.

Below are some general guidelines for identifying appropriate interpreters:

- The interpreter needs to be proficient in both English and the other language.
- The interpreter should be culturally competent and demonstrate that he or she is capable of accurately conveying information in both languages.
- The interpreter should be provided orientation and training that includes interpretation/interviewing skills, ethical considerations, and confidentiality considerations.
- Family members or friends of the patient must not be used as interpreters for MMP.

Interview locations

Interviews may be conducted in a variety of settings, including medical facilities; in the patient's home; in a hospital; over the telephone; and at another, mutually agreed-upon location where security and confidentiality can be guaranteed.

Concluding the interview

Interviews will always be administered in a setting where the respondent's privacy and confidentiality is assured. At the end of the interview, participants will receive prevention materials and referrals to local prevention and care services; they will also be given the opportunity to ask the MMP staff questions about prevention methods. After conclusion of the interview, participants will be reimbursed for their time.

Reimbursement

Participants will be reimbursed approximately $25 (this amount may differ by project area) either in cash or a cash equivalent, for their participation in the interview. If local regulations prohibit cash reimbursement, equivalent reimbursement may be offered in the form of personal gifts, gift certificates, or bus or subway tokens.

Interviewer training

CDC will provide participating state and local health departments with a manual containing detailed instructions on conducting MMP interviews. CDC will convene meetings in which lessons learned throughout the interview process are discussed by staff from all project areas. Additional training at the state and local health departments will also be necessary.

Interview quality control and assurance

Automated edit checks will be built into the QDS software applications used to conduct MMP interviews in order to assure high quality data are collected. For additional quality assurance purposes, a minimum of 5% of interviews will be observed by the project coordinator or other supervisory staff to ensure data quality and completeness. Periodic review of interviews also will ensure that interviewers use the same techniques in administering the questionnaire. Appendix I contains the MMP Interviewer Evaluation Forms that may be used by project areas for this purpose.

Interviews conducted in other MMP project area jurisdictions

Sampled patients who have moved out of the jurisdiction of the project area from which they were sampled may be interviewed if circumstances allow. If the patient is still receiving care in the original project area's jurisdiction, it may be possible to interview the patient at their next appointment. If the patient has moved and is no longer receiving care in the original jurisdiction, then the following guidelines apply:

- If the patient has moved to an area that is not conducting MMP, the patient will not be interviewed, but the patient's medical records may be abstracted if the project area's surveillance authority allows them to do so.
- If the patient has moved to an area that is conducting MMP, the original project area may contact the new project area to determine whether an interview can be conducted by the new project area's MMP staff. It is up to the Principal Investigators of both areas to agree upon a protocol for recruiting the patient and obtaining informed consent. Procedures for patient contact, recruitment and interview must meet the IRB requirements of the new jurisdiction (to which the patient has moved and where the patient will be interviewed). For certain project areas, IRB restrictions from the original jurisdiction also may apply.

If the second condition is met, staff from the new project area should interview the patient and should submit the patient's data to ICF International through the DCC portal using the original project area's MMP Participant ID. CDC will store the data record for this participant in the appropriate data set (that of the original project area). Information in the DCC portal must be updated to reflect that that patient has been interviewed. An email should be sent to the DCC notifying them that there is an interview that belongs to another project area that has been submitted with your data. A descriptive flow chart for this process is in Appendix J. Regardless of whether an interview is administered, the original project area should collect minimal data and medical record abstraction data for this patient to the extent allowed by their surveillance authority.

2.5b Medical Record Abstraction

For MMP 2014, the observation period during which medical record data will be abstracted will consist of a 2-year period. For patients participating in the interview, medical record data for 2 years prior to the interview date are abstracted.

Patients who consent to participate in MMP will be interviewed first, and then their medical records will be abstracted after the interview is completed. Trained staff will abstract clinical data from medical charts using a web-based electronic medical record abstraction application developed by Cerner and called Discovere™ (see Appendix K). Medical record abstractions for the 2014 data collection cycle should begin as soon as the project area receives the patient sample and conducts the first interview and should be completed by May 31, 2015. All medical record abstraction data will be automatically stored on the secure Cerner server each time a record is saved. Cerner will transmit datasets to the DCC on a monthly and quarterly basis using encryption software. Final data sets will be produced by the DCC.

Information abstracted will reflect the patient's clinical care. The information will be primarily related to the diagnosis of opportunistic illnesses and other HIV-related conditions, non-HIV associated comorbid conditions, provision of preventive care, prescription of antiretroviral and other medications, laboratory results, and health services utilization. MMP will capture clinical data documented in the medical record from the HIV care facility from which the patient was sampled.

Information will be collected on one electronic form with multiple sections as follows: demographics, outpatient encounters, inpatient hospitalizations, current diagnoses, medications, procedures, laboratory results, screening results, prophylaxis, and pregnancy outcomes.

The personally identifying information used for recruiting and contacting patients will not be transmitted outside the project area; medical record abstraction data received by the CDC will be identified only through the use of the Participant ID.

If a patient cannot be located for recruitment, the patient's medical record will be abstracted without interview, if allowed under local surveillance authority. For these sampled non-participants, medical record data for 2 years prior to the first attempt to recruit the patient for interview is abstracted. Medical record abstraction for non-participants who are not known to be deceased will only occur in project areas where abstraction can be performed without consent from the patient.

If MMP is considered to be research by the local IRB in the project area and a patient is known to have died before recruitment, a waiver of consent can be obtained from the IRB for medical record abstraction *[HIPAA Privacy Rule 45 CFR 164.512(i)(1)(iii), which can be found at*

http://www.hhs.gov/ocr/privacy/hipaa/understanding/special/research/index.html

The medical records of deceased patients may be abstracted after obtaining a waiver of consent in those project areas where MMP is considered research by the local IRB. For deceased patients, medical record data for 2 years prior to the date of death is abstracted.

Medical record abstraction training

CDC, in conjunction with Cerner, will provide training session on conducting MMP medical record abstractions using Discovere™. Live web-based training will take place in the summer of2014 and on-demand training via web-based training modules will be available throughout the 2014 cycle. Detailed written instructions and guidance is provided in an abstraction manual given to abstractors by the CDC, as well as through the CDC Call Center – a mechanism for abstractors to request help with specific issues. CDC will convene monthly conference calls in which lessons learned throughout the abstraction process are discussed by staff from all project areas.

Medical record abstraction quality control and assurance

MMP medical record abstraction data must be checked for completeness and accuracy by project area supervisory staff. For quality assurance purposes, a minimum of 5% of medical records will be re-abstracted by a second, independent reviewer. The two abstractions will then be examined for discrepancies..

2.5c Minimal Data

It is important to obtain information on every patient who was selected to participate in MMP in order to provide basic descriptive information regarding the population of inference. In addition, this information can be used to assess potential non-participation bias for the data collected through interview and medical record abstraction.

Ideally, interview and medical record abstraction data will be collected on each patient. If the patient refuses to participate in the interview in project areas that have the surveillance authority to abstract the medical records of selected patients without their consent, medical record abstraction should be completed for these patients, in addition to those who are not interviewed because they cannot be located. In project areas where there is a more narrow definition of surveillance and medical record abstraction cannot be completed without patient consent (or the provider denies MMP staff access to the medical records), minimal data will be collected. Regardless of level of participation, minimum data should be collected on **all** sampled patients, including those persons for whom interview and medical record abstraction data is obtained. The minimum data set will contain the same fields as the HARS case report form, including HARS/eHARS ID number, and therefore these data can be collected in all project areas under their HIV/AIDS surveillance authority. In order to appropriately assess non-participation bias, these data should ideally be collected from a single source within each project area; this source should be HARS/eHARS. A form displaying the data fields in the minimum data set is provided in Appendix L. If the data cannot be collected via HARS/eHARS, MMP project area staff will ask the facility to complete the MDS form (Appendix L).

CDC will provide project areas with a SAS program that should be used to extract MDS data from eHARS and an Excel workbook with all Participant IDs for all sampled patients. All project areas will need to identify and add the HARS/eHARS ID number (stateno) for each sampled patient. The SAS program will read the CDC supplied Excel workbook which includes the statenos and will generate the minimum data set in two formats - an Excel workbook and a SAS file (Appendix L). Copies of the SAS and Excel minimum data set files should be transmitted to ICF International using the DCC portal or via the CDC SDN. CDC will use stateno to link to the national HIV/AIDS case surveillance database to supplement incomplete MDS data and prospectively monitor MMP respondents' care utilization and treatment.

3. Data Management and Analysis

Four types of data will be collected for MMP: tracking data, interview and abstraction data, and minimal data for the minimum data set. The tracking data consist of information collected in order to select and recruit facilities and patients for participation in MMP, and will be used to inform project staff regarding progress and to create statistical weights for data analysis. The interview data and abstraction data consist of the information about selected patients obtained through conducting interviews and abstracting medical records. The minimum data set consists of very basic demographic and clinical data, and will be collected for all selected patients in order to obtain data on everyone sampled. These minimal data will be primarily extracted from a single source (eHARS). The tracking, interview, abstraction, and minimum data set data will be used by ICF International to create analytic data files, which will be used by the CDC and the project areas to describe the populations of HIV-infected patients receiving medical care and address project-related questions. All data management and transfer for the 2013

cycle are within the scope of the Data Coordinating Center contract with ICF International.

The purpose of the Data Coordinating Center (DCC), managed by ICF International, is to implement a data management system (DMS) to provide MMP project areas with a secure web based data portal system through which project areas can submit data to CDC, revise submitted data sets, and receive final data from CDC. The system also allows the project areas and CDC staff to track critical respondent and medical record abstraction (MRA) activities. The DCC data portal is equipped with an access control system that supports different levels of access so that the project areas can see only their own data, and unauthorized use can be prevented. The three main features of the DMS are the data portal, which enables data to be uploaded and downloaded, the tracking component, and the reporting component. Each of these features has a specific function:

- The data portal provides project areas with a secure web-based mechanism by which they can submit interview data and data changes. MRA data will initially be submitted to the data portal by Cerner after preliminary data cleaning and reconciliation are performed. Project areas will subsequently use either the data portal to submit changes to MRA data or submit data changes directly into Discovere as needed. The data portal also allows project areas and CDC to track the status of data submissions, provide transfer of data error reports between the DCC and project areas, and enable project areas and CDC to download the most recent data sets. In addition, the data portal provides access to the respondent tracking component. The respondent tracking component of the data management system assists project areas in managing contacts with sampled facilities, interview assignments, respondent dispositions, and MRA assignments.
- Finally, the DCC data portal provides the project areas and CDC with management-level reports that include information on data collection status at each project area such as number of completes, number of refusals, number lost to follow-up, number ineligible for participation. Reports will be available by project area and in aggregate.

Data management procedures performed by the DCC have been implemented using standard data processing and analysis tools such as SQL and SAS that will process all incoming data, generate error reports, incorporate data changes, and produce the necessary management reports required by CDC. The system also incorporates a secure web-based interface that allows CDC, Cerner, and project area staff to easily submit data, track project area activities, retrieve data sets and reports.

3.1 Data Management

3.1a Tracking data

Various elements of tracking information will be collected during the following phases of MMP conduct: project area sampling, facility sampling, facility recruitment, patient

sampling, patient recruitment, interview, medical record abstraction, and acquiring minimal data. Examples of tracking data include EPLs for all facilities determined to provide HIV care in the project area, facilities selected to participate in MMP, PDP PLs at participating facilities, and interview status for sampled patients who agree to participate.

This data tracking system, which is part of the DCC data portal, is accessed only by a limited number of users at each project area and at CDC, using a secure digital identification system. Information that identifies patients, such as name or patient medical record number, is not sent to CDC or to ICF International.

Tracking data is collected and stored by each project area using a system developed by ICF International via the DCC data portal. In addition to delivering the tracking system, ICF International is also responsible for providing any technical assistance to project areas on how to use the tracking system.

3.1b Personal interview data

Interview data will be collected with CAPI, using an MMP interview application which has been developed by CDC using the QDS software. In rare instances, interview data may be collected using paper forms, such as in the event of device failure. In these cases, the data will be entered using a laptop computer as soon as is feasible.

Interview data will be stored in, and uploaded from, the electronic devices as two data files [the standard questionnaire (including completion module) and local questions (if applicable). Upload procedures have been demonstrated via CD and described in written documentation, which have been provided to each project area. Multiple interview records may be contained in each data file. The data files will correspond to two types of information which are collected and stored during the interview: core data, (all questionnaire modules except the local questions) and the local question data. The local question data files will be kept only at the project area for local use – this local question data file will <u>not</u> be sent to CDC or ICF International.

The filenames of the interview data files will be automatically generated by the QDS software, and will include the project area abbreviation, the data collection cycle, type of data, and the date and time the data file was created. In order to uniquely identify each file, each file name also will include the identification number of the electronic device with which the data were collected as specified below.

The project area abbreviations for state and local project areas are provided in Appendix C. The device code is a three digit code unique to the device (such as 073) used to collect the data. The date part of the file name will be the eight digit date when the file was created (e.g., 02152013 for February 15, 2013), and the time part will be the hour, minute and second the file was created (e.g., 172347 for 5:23:47 pm).

The uploaded data files will be saved onto a secure network computer drive, which will serve as the physical storage location of all interview and abstraction data files for the

project area. The file folder structure used on this drive will be based on guidelines provided by CDC. Interview data will be uploaded from the electronic devices on a daily basis, or as soon as is feasible for staff who must travel long distances to collect the data.

In instances where the project area is using contract or regional surveillance staff to collect MMP data in certain locations, the project area will ensure that a secure data system with data encryption software is available at the contract or regional site. Interview data collected by contract or regional staff will be encrypted and transmitted to the central project area location on a periodic basis, using protocols to verify record-specific transmission and receipt. These data then will be stored on a secure drive as described above. Project area staff must back up and store the data files on a periodic basis.

Once the data are transferred to the secure drive, project area staff will perform quality assessment reviews of each data record, including checks for duplicate records, incomplete records, and inappropriate data values, using software applications and/or programs supplied by CDC. The applications will allow staff to review each record visually and export the data to an external file that can be accessed using standard data management and analysis software such as MS Access and SAS. Any data revisions identified will be documented and transmitted to ICF International via the DCC data portal.

Copies of recently uploaded interview data files will be sent to the DCC data portal on a periodic basis via a secure network using encryption software that has been provided to project areas (or using other approved encryption software). No facility or patient identifiers, other than MMP-specific IDs, will be transmitted to CDC or ICF International, and no data from local questions will be sent to CDC or ICF International.

Once the data files are received by the DCC, additional quality assessment programs will be implemented that will compare tracking and interview information and produce reports specifying any discrepancies found. These reports will be provided to the project area, and after project area review any corrections to be made to the data will be entered on the interview data change list. The updated cumulative change lists will be entered in the DCC data portal, documented, and the updates will be made to the data. The change lists may also be used by the project area to update the interim interview data files maintained locally. For information on the standard naming conventions for interview data, please refer to the Medical Monitoring Project Data Management Manual.

3.1c Medical record abstraction data

Medical record abstraction (MRA) data will be collected on a web-based electronic application, called Discovere™, using desktop or laptop computers. In certain instances such as device failure or lack of internet connectivity, data may be collected using a paper form. In these cases, the data will be entered into the web-based application as soon as is feasible.

Data entered into Discovere™, will be automatically stored on the Cerner server each time the data are saved. The Cerner server is a secure environment which meets all of CDC's security and confidentiality guidelines and specifications.

MRA data from Discovere™, will first be processed by Cerner for preliminary data cleaning and error checks. Cerner will upload all MRA data to the DCC data portal via the secure network using approved encryption software. Once at the DCC portal, the data will be decrypted, cleaned, and processed according to CDC guidelines. The processed data will be provided to CDC and to the project areas in a timely manner following the close of data collection.

Cerner will upload clean and processed datasets to the DCC portal on a monthly and quarterly basis. Once medical record abstractions are completed, project area staff will perform quality assessment reviews of each data record, including checks for duplicate records, incomplete records, and inappropriate data values. Through its web-based application, Cerner provides up-front tools, including validations and reflexive logic, which will allow project areas to identify many errors prior to final data entry and submission. The application generates a log for Cerner that automatically stores all changes made to the data. In addition to up-front checks, Cerner will perform monthly quality assessments on abstracted data to identify additional data errors and inconsistencies. Data-related changes that are made as a result of these quality assessments will be incorporated into the clean datasets that will be uploaded to the DCC portal on a monthly/quarterly basis. No facility or patient identifiers, other than MMP-specific IDs, will be transmitted to Cerner, CDC or ICF International.

Once the data files are received by DCC, additional quality assessment checks will be implemented that will link MRA data with patient interview data (when an interview has been conducted) and compare overlapping data elements. DCC will produce error reports specifying any discrepancies found. These reports will be provided to the project areas on a monthly basis, and project areas will be required to address each discrepancy by making changes to MRA data in Discovere™, the interview error log, or the DCC tracking system as applicable. Each subsequent error report will reflect the changes made to the data based on the previous report. For information on the standard naming conventions for MRA data, please refer to the Medical Monitoring Project Data Management Manual.

3.1d Minimal data

The goal of MMP is to collect interview and medical record abstraction data on all sampled patients. For sampled patients who refuse to be interviewed or whom project staff are not able to locate, project areas should collect minimal data. This minimal data will be obtained for **all** sampled patients (see Appendix L).

Minimal data include basic demographic information, such as sex and age, and a limited number of clinical fields (first CD4 count and viral load). Minimal data will preferably be extracted from the project area HARS/eHARS using SAS programs provided by CDC. In situations where the Minimal data cannot be extracted from HARS/eHARS, the data may also be collected directly from the facilities. As the minimum data set information is collected, copies of the data files with the _CDC_ included in the file names will be sent to ICF International through the DCC data portal.. The file names for these data will use naming conventions similar to those for the interview data:

AreaAbbreviation_*cycle year*_MDS _mmdd*yyyy*.xls (Excel workbook)

*AreaAbbreviation_cycle year*_MDS_ mmdd*yyyy*.sas7bdat (SAS data file)

Minimal Data in both excel and SAS formats for the 2013 data collection cycle should be completed and sent to ICF International after the end of the data collection period.

3.1e Analytic data

The interview, medical record abstraction, and minimal data will be linked by ICF International using the MMP Participant ID. Both SAS and text analytic files containing each project area's data also will be created by the DCC. The appropriate SAS and text analytic files will be sent to each project area via the DCC data portal after the data collection cycle has ended. The SAS and text analytic data files for all MMP project areas will be used to create MMP national analytic files. The project area files as well as the national files will contain both 'raw' and selected "calculated variables". 'Raw' variables values represent the direct untransformed responses to items on the interview questionnaire, medical record abstraction forms, and the minimal data set elements. Calculated variables values are the result of calculations performed on 'raw' and/or other computed variables.

3.2 Data Analysis

Project areas will have the primary responsibility for analysis and use of data at the state and local levels, and for developing reports based on individual and/or combined project area data. CDC will be responsible for analysis of these data at the national level, as well as for developing annual reports based on data collected across all project areas.

The MMP project area and national data will be analyzed using the sample survey procedures contained in the SAS version 9.1.3 (or higher) software package (SAS Institute, Inc., Cary, NC) or using SUDAAN software (Research Triangle Institute, Research Triangle Park, NC). These or similar software packages must be used for analysis of un-weighted and weighted data in order to produce valid population estimates from the MMP data.

4. Security and Confidentiality of MMP Data

MMP data will be subject to the same security and confidentiality requirements as those implemented for HIV/AIDS surveillance data at state and local project areas, as well as at CDC. These requirements include adherence to CDC guidelines for the security and confidentiality of HARS data. Specifically, MMP interviewers, abstractors, and data managers will undergo the same security and confidentiality training as that required for health department staff who conduct HIV/AIDS surveillance. While conducting MMP, protocols will be strictly followed at the project area and national level to ensure the integrity, confidentiality, and security of all MMP data.

Security and confidentiality of 2013 cycle data is within the scope of the ICF International Data Coordinating Center Contract and the Cerner contract. ICF International and Cerner will adhere to the Guidelines for HIV/AIDS Surveillance – Security and Confidentiality. In addition, all software developed by ICF International for MMP (Phase III) will adhere to CDC Confidentiality and Security Guidelines.

HIV and AIDS case surveillance data are currently collected according to the Assurance of Confidentiality under Sections 306 and 308(d) of the Public Health Service Act (42 U.S.C. Sections 242k and 242m(d)). Information collected in the surveillance system that would permit identification of any individual or establishment is collected with a guarantee that it will be held in strict confidence, will be used only for purposes stated in the assurance, and will not otherwise be disclosed or released without the consent of the individual or the establishment in accordance with Section 306 and 308(d) of the Public Health Service Act. Because data collected for the MMP constitutes enhanced surveillance activity, these data will be reported to and maintained by CDC in the same manner as are current HIV and AIDS surveillance data, and accordingly are covered by the existing Assurance of Confidentiality.

MMP interview and abstraction data records will not contain specific participant identifiers (e.g., name, address, social security number) and are linkable to HARS only through the HARS surveillance numbers. No specific identifiers will be included on the data collection instruments. Paper forms, when used, will be filed by the unique ID and date of interview and stored under lock and key; information collected on paper will be entered into the appropriate data system at the project area and the paper forms will be destroyed 6-12 months after the data collection cycle has ended. Lists of HARS numbers linking MMP data to specific identifiers (e.g., the facility or patient name) will be kept under lock and key, and destroyed once they are no longer needed; access to them will be strictly limited. If signed informed consent forms for MMP are required, these will be securely stored separately from the data collection instruments, preferably at the central eHARS office of the project area, under the same security procedures as those for eHARS surveillance forms.

The QDS software that will be used to collect the interview data supports the ability to encrypt response data and password-protect interviews so that unauthorized users are unable to view, export, or modify collected data.

The web-based Cerner application that will be used to collect medical record abstraction data is similarly password protected so that unauthorized users are unable to view, export, or modify collected data.

Security of the data files while on the electronic data collection devices is enhanced by the use of individual passwords, which are known only to the user and to data managers at the project area and CDC. The security of the system will meet all Federal Information Systems Management Act (FISMA), OMB, HHS, and CDC IT Security requirements which ensure the confidentiality, integrity, and availability of data on federal information systems.

The interview data warehouse for each project area will be stored on the area's HIV/AIDS surveillance data drive, which is located on a secure server with limited access. Frequent backup of the interview records will be performed by the project area using protocols developed by CDC. Project areas upload data on a monthly basis to the DCC data portal. The medical record abstraction data will automatically be stored on the secure Cerner server as it is entered and saved, and Cerner will upload medical record abstraction data on a monthly and quarterly basis to the DCC portal. The DCC has 1 month from receipt of project area data to upload a cumulative project area specific data set to the data portal. Project areas will be able to download data from the data portal on a monthly basis. The DCC will also post project area specific reports on the data portal which can only be accessed by the CDC and the project area.

5. Human Subjects Considerations

5.1 Non-research Determination

The National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention (NCHHSTP), CDC, has determined that MMP is not research and that it is a routine disease surveillance activity, with data being used for disease control program or policy purposes (Appendix M). Because NCHHSTP has determined that MMP is not research, it is not subject to human subjects regulations, including federal institutional review board (IRB) review and approval. All federal, state, and local MMP staff must adhere to the ethical principles and standards by respecting and protecting the privacy, confidentiality, and autonomy of participants to the maximum extent possible.

MMP project areas should follow state and/or local procedures to determine whether the MMP protocol is subject to state and/or local human subject regulations. The need for state/local IRB review, and the IRB approval and renewal dates if applicable, must be kept on file in every project area.

IRB approval of MMP also may need to be obtained at the facility level. In these instances, the project area's Principal Investigator should identify an appropriate provider to present the protocol to the facility IRB, if necessary, and assist the provider by preparing required documentation and attend the IRB presentation to address any

concerns that may arise. The IRB approval and renewal dates for each facility must be kept on file in every project area.

5.2 Anticipated Risks and Benefits

Participation in MMP presents no more risks to patients than those that might occur outside the context of surveillance. Non-surveillance contexts include participation in individual or group HIV prevention activities and interactions with HIV prevention and health care providers in public or clinical settings.

Participating patients may benefit from participating in MMP by better recognizing their own risks for transmitting HIV or other sexually transmitted infections, talking with trained staff about how to reduce those risks, learning more about local HIV prevention efforts, and obtaining prevention materials and referrals for health care, social, and prevention services. MMP participation will benefit communities by helping HIV prevention and care planners more appropriately allocate state and local HIV prevention resources and federal, state, and local HIV care services.

5.3 Vulnerable Populations

Persons under the age of 18 will not be included in MMP. Pregnant women may be included in MMP if they are sampled from a participating facility. Persons with mental disabilities may be included in the patient sample; however, any person alive at the time of interview who cannot provide informed consent will be excluded from participation in the project. All participants will be afforded the same human rights protections.

5.4 Adverse Events

No serious adverse events are anticipated as a result of this project. Potential adverse experiences are expected to be rare and limited to emotional distress resulting from concerns about patient confidentiality. Although unlikely, it also is possible that participants may experience anxiety or emotional distress when responding to interview questions on sensitive topics such as health status or sexuality.

Potential adverse experiences are most likely to be identified during initial contact with potential participants or during the consent and interview process. Patients will first be contacted in person or by telephone; the wording of the contact scripts will be developed by MMP staff in local project areas and will use language that includes assurance of confidentiality. Local informed consent forms will incorporate the language used in the standard informed consent form approved by CDC and, as appropriate, the local IRB, which also includes assurance of confidentiality and the person to contact if an adverse event occurs.

Interviews will be conducted by local public health personnel trained to respond appropriately to concerns about the security and confidentiality of the information collected. Project interviewers also will be trained in interview techniques for sensitive topics. Project interviewers or the adverse-event contact (depending on the

interviewer's training and expertise) will be able to refer patients to psychiatric care or a social service agency if necessary. The local MMP Principal Investigator and the patient's health care provider will supervise all referral activities performed by project staff.

Project areas should develop procedures for dealing with adverse events that meet the requirements of their governing institutions and/or IRBs, which should include procedures for reporting adverse events. Project areas should report all serious adverse events to CDC within 24 hours of occurrence. All adverse events, regardless of severity, should be reported to CDC within two weeks.

5.5 Informed Consent

Informed consent for the interview must be obtained according to the federal Assurance of Confidentiality requirements and as required by state and local IRBs for participating project areas. Informed consent may be obtained by any of the following methods:

- The participant reads and signs the informed consent form.
- The interviewer reads the form to the participant and asks the participant to sign the form.
- The interviewer reads the form to the participant or the participant reads the form and the interviewer indicates on the form that the participant provided oral consent.

Participants should be advised, when consent is obtained for interview, that information from their medical records also will be collected and analyzed along with their answers to the interview questions. In many project areas, state legal surveillance authority will allow surveillance staff to collect medical record information even if the patient declines to participate in the MMP interview, and in those instances medical records should be abstracted. In project areas where this is not possible, only minimal data will be obtained for those patients for whom neither interview nor medical record abstraction data were collected.

The Statement of Informed Consent (Model Consent Form) are two examples of consent forms, one in English and one in Spanish that can be modified for local area use (Appendices H.1 and H.2, respectively). Project areas should follow their own regulations regarding any consent forms or confidentiality agreements necessary for a translator.

Project areas should modify the templates of the consent forms to fulfill the requirements of their IRB. These consent forms should also be modified to be used by hearing and visually impaired participants.

All project areas must maintain a secure file of informed consent forms to document that informed consent was obtained for each participant.

6. Data Dissemination

6.1 Notifying Providers, Patients and the Community of Findings

Data from MMP are expected to improve surveillance activities, contribute to prevention programs and treatment services, provide information about unmet needs in HIV care, and increase knowledge about medical care for persons with HIV. Results are also expected to guide national surveillance efforts, particularly in the use of both self-report and medical abstraction information by increasing our understanding of conditions that were difficult to assess using only interview data or only medical record abstraction. Because MMP is a surveillance system that represents HIV-infected persons receiving care in the United States, it will be imperative to notify the project areas and stakeholders of the findings of this project as soon as they are available.

Most of the results are expected to be useful at the local level; other results will be more meaningful after the data from all project areas have been aggregated. Each project area is expected to disseminate local data. CDC will have primary responsibility for the release of data aggregated from the project areas and will provide this information. These data will be distributed to the providers, researchers, policymakers, and other interested persons through presentations at local, national, and international conferences, publications in peer-reviewed journals, and presentations at forums such as continuing medical education courses and seminars. Furthermore, CDC will regularly publish surveillance reports based on the data collected annually.

Patients and community members will be informed of MMP findings through multiple conduits. National data results will be released on the CDC's MMP Web site, through national publications and presentations at conferences, and through fact sheets. Similarly, local data results will be reported to the community through multiple channels, such as local publications, epidemiologic profiles, and presentations to local AIDS service organizations and community planning groups and at conferences and workshops.

All project areas are encouraged to provide a copy of all MMP data releases (abstracts, publications, fact sheets, etc.) to the Data Analysis Workgroup at MMP_DAWG@cdc.gov prior to the date of data release.

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Appendix A

Medical Monitoring Project
First Stage Project Area Sampling

Background

The Medical Monitoring Project (MMP) uses a nationally representative probability sample of HIV-infected persons who receive medical care in the United States. The general sampling approach was to use a three stage stratified and clustered probability sampling design. States, the District of Columbia and Puerto Rico were eligible for sampling in the first stage. Twenty units were sampled in this first stage, with 20 considered adequate given funding constraints.

The first stage of sampling used stratification to achieve sample control with respect to the number of cases within states and the geographic distribution of cases. The selection method used for MMP (including the certainty selections) is the standard approach used in multistage samples. Selection of MMP project areas for the five year funding cycle beginning in mid-2004 was conducted in early 2004. The sampled project areas will not change throughout this funding cycle.

Choice of Primary Sampling Units (PSUs)

Fifty states, the District of Columbia , Puerto Rico , and six cities separately funded for HIV/AIDS surveillance (Chicago, Houston, Los Angeles, New York City, Philadelphia, San Francisco) were eligible to receive MMP funding. The decision was made to include the separately funded cities in their respective states for the purposes of sampling. Therefore the total number of PSUs is 52: the 50 states plus the District of Columbia and Puerto Rico.

If states that have a separately funded city, or cities as in the case of California, were sampled, then those cities received their own separate but proportional funding. However, this was an implementation issue, and therefore was not considered in the sampling approach.

Number of PSUs Sampled

The decision was made to randomly sample 20 PSUs as described below. The number 20 was considered to be sufficient for face validity. No statistical argument was made to support this choice. The number 20 also was chosen based on funding availability.

Sampling Approach in General

The general sampling approach was to stratify the PSUs by geography, then within geographic areas by size (size as defined below), and then sample the

PSUs with probability proportional to size (PPS) using a systematic sampling method. The MMP sample may thus be described as a *stratified proportional to size sample*.

Measure of Size (MOS) Definition

The MOSs used in the sampling were provided by the CDC staff on January 24, 2003. These MOSs are the estimated total (including adults *and children less than 13 years-old*)[*] number of persons with AIDS living at the end of 2002 obtained from the HIV/AIDS reporting system (HARS). That is, these are measures of the prevalence of AIDS (and by inference, HIV) cases. We sometimes refer to the MOS below as "number of cases" or "cases."

PSUs Sampled with Certainty

Our goal was to sample 20 of the 52 PSUs with sampling probabilities that were proportional to the sizes of the PSUs. We chose to employ a systematic sampling approach with a random start. In essence, we created a pseudo population (i.e., a list) of patients, with patients from each PSU grouped together and the PSUs stratified as described below. Thus for example if PSU #1 has 1000 cases, then patients 1 to 1000 are labeled "PSU #1" and if PSU #2 has 2130 cases, then patients 1001 to 3130 are labeled "PSU #2." Sampling randomly from this list is akin to sampling PPS. A systematic approach to the sampling after ordering the list in a specific way ensures the sample is spread out over the PSUs in a manner similar to that achieved using stratified sampling.

In the systematic approach we noted that, with 20 PSUs, the typical PSU should contain 1/20 or 5% of patients. We took a random start in the first 5% of patients in this list, and the patient who corresponded to this random start indicates the PSU that is chosen as the first of the 20 sampled PSUs. We then took a 5% step forward through the list, and the patient that we next stepped to indicated the second PSU randomly chosen.

Since a systematic selection approach has been taken, any PSU that contains more than 5% of the total cases would be sampled with certainty, as one step must hit the patients that represent this PSU. Thus, using this process we first identified those PSUs with 5% or more of the cases as PSUs sampled with certainty. We then recalculated the total number of cases excluding these certainty PSUs, and redefined the PSUs that would be sampled with certainty in the remaining sample. Describing the particular choices made for the MMP project area sample will elucidate this approach.

The total number of cases, i.e. the sum of the MOS, across all 52 PSUs was 384,070. Five percent of this total is 19,204. Thus any PSU with at least 19,204

[*] If the sample is redrawn using number of adult cases only, the same sample is obtained.

cases was sampled with certainty. Four PSUs had at least this many cases: California, Florida, New York, and Texas.

The total number of cases across the remaining 48 PSUs was 199,569. Sixteen PSUs remained to be sampled from among these 48 PSUs, so any PSU with at least 1/16 or 6.25% of the 199,569 cases, or 12,473 cases, was sampled with certainty. Four PSUs had at least this many cases: Georgia, Illinois, New Jersey and Pennsylvania.

Twelve PSUs remained to be sampled from the remaining 44 PSUs that had a total of 142,321 cases. A PSU from among these 44 would be sampled with certainty if it contained at least 1/12 or 8.3% of the 142,321 cases or 11,860 cases. None of the PSUs contained this many cases, so no further PSUs were sampled with certainty.

PSUs Sampled Proportional to Size (PPS)

The remaining 12 PSUs were sampled PPS from the 44 PSUs in a stratified manner. In practical terms, sampling cases from PSUs that contain very few cases would be difficult and expensive. Therefore, a sampling objective was to minimize how many PSUs with few cases were sampled. The decision was made to define a stratum of “small” PSUs in such a way that only one PSU would be sampled from that stratum. Since 12 remaining PSUs were to be sampled, a stratum that was as large as possible (both in terms of the combined number of cases and number of PSUs it contained) yet still smaller than 8.3% of the total number of cases (i.e. 11,860 cases) would both ensure that only one PSU was sampled from it and also that the largest number of small PSUs was confined to that stratum, thereby limiting the practical difficulties of fielding the sample.

To identify the largest number of small PSUs that could be confined to this small state stratum, the 44 candidate PSUs were ordered in terms of the number of cases each contained, from smallest to largest. The first (smallest) PSU was chosen from the list of 44 PSUs and its number of cases was noted. Then additional PSUs were added from the list in order (taking the next smallest and so on) and the total number of cases was updated until the total number of cases across the chosen PSUs was smaller than 11,860. In this manner, 18 PSUs were chosen to be included in the small state stratum with a total number of cases of 11,118. If the next smallest PSU had been added (Wisconsin with 1,797 cases), the total number of cases in this stratum would have been 12,915, which is larger than 11,860.

The remaining 26 PSUs constituted the middle stratum, and were divided into four geographical strata based on the Census definitions of geographic regions: New England contained Census regions New England and Middle Atlantic (states: CT, MA); Midwest contained Census region Midwest (states: WI, MN, IN, MO, MI, OH); South contained Census regions South Atlantic, West South

Central and East South Central as well as Puerto Rico (states: AR, OK, KY, MS, AL, TN, SC, LA, NC, VA, DC, MD, PR); and West contained Census regions Pacific West and Mountain West (states: OR, NV, CO, AZ, WA).

The geographic strata next were ordered: New England, Midwest, South and West, and then were followed by the small PSU stratum to form the pseudo population list. Within each stratum, the PSUs were ordered by size. Within New England, the PSUs were ordered smallest to largest; within Midwest largest to smallest; within South smallest to largest; within West largest to smallest; and within the small PSU stratum smallest to largest. The overall sampling frame is shown in Table 1.

To select the remaining 12 PSUs for the sample, a random number between 0 and 1 (0.878) was drawn. Thus the random start was 10,413 (0.878 × 11,860). The remaining sample selections from the middle and small strata were chosen in the manner described above. The MMP project areas selected are shown in Table 2.

Table 1. MMP Project Area Sampling Frame

Region	Area	MOS	
NE	NEW YORK	63412	Certainty areas
S	FLORIDA	41015	
S	TEXAS	27358	
W	CALIFORNIA	52716	
NE	NEW JERSEY	15485	
NE	PENNSYLVANIA	15362	
MW	ILLINOIS	13718	
S	GEORGIA	12683	
NE	CONNECTICUT	6579	Middle stratum
NE	MASSACHUSETTS	8025	
MW	OHIO	5978	
MW	MICHIGAN	5395	
MW	MISSOURI	4838	
MW	INDIANA	3429	
MW	MINNESOTA	1818	
MW	WISCONSIN	1797	
S	ARKANSAS	1837	
S	OKLAHOMA	1908	
S	KENTUCKY	2150	
S	MISSISSIPPI	2602	
S	ALABAMA	3660	
S	TENNESSEE	5639	
S	SOUTH CAROLINA	5863	
S	LOUISIANA	6902	
S	NORTH CAROLINA	7128	
S	VIRGINIA	7443	
S	DISTRICT OF COLUMBIA	8234	
S	PUERTO RICO	10560	
S	MARYLAND	11798	
W	WASHINGTON	4889	
W	ARIZONA	4316	
W	COLORADO	3465	
W	NEVADA	2502	
W	OREGON	2448	
MV	NORTH DAKOTA	47	Small stratum
W	WYOMING	91	
MV	SOUTH DAKOTA	99	
W	MONTANA	181	
NE	VERMONT	236	
W	ALASKA	252	
W	IDAHO	262	
NE	MAINE	492	
NE	NEW HAMPSHIRE	506	
MV	NEBRASKA	567	
S	WEST VIRGINIA	599	
MV	IOWA	686	
NE	RHODE ISLAND	1058	
W	NEW MEXICO	1066	
W	UTAH	1085	
MW	KANSAS	1113	
W	HAWAII	1247	
S	DELAWARE	1531	

Table 2. MMP Project Area Sample*

Region	Area of residence	MOS	
NE	NEW YORK	63412	Certainty areas
S	FLORIDA	41015	
S	TEXAS	27358	
W	CALIFORNIA	52716	
NE	NEW JERSEY	15485	
NE	PENNSYLVANIA	15362	
MW	ILLINOIS	13718	
S	GEORGIA	12683	
NE	MASSACHUSETTS	8025	Middle stratum
MW	MICHIGAN	5395	
MW	INDIANA	3429	
S	MISSISSIPPI	2602	
S	SOUTH CAROLINA	5863	
S	NORTH CAROLINA	7128	
S	VIRGINIA	7443	
S	PUERTO RICO	10560	
S	MARYLAND	11798	
W	WASHINGTON	4889	
W	OREGON	2448	
S	DELAWARE	1531	Small stratum

*Due to budget restrictions, Massachusetts, South Carolina, and Maryland were dropped from the MMP project area sample beginning in the 2009 data collection cycle through a random selection process.

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Appendix B.1

MEDICAL MONITORING PROJECT (MMP)
GUIDANCE FOR UPDATING THE FACILITY SAMPLING FRAME (FSF) 2009 - 2013

In order to streamline Medical Monitoring Project (MMP) activities, project areas will keep the same facility sampling frame (FSF) throughout the 2009-2013 MMP funding period, but to ensure that the list of HIV care facilities is comprehensive, the FSF will be updated every 2 years. This means that during the 2009-2013 funding period project areas will be required to update their MMP FSF in preparation for the 2011 and 2013 data collection cycles. The updated FSFs must be submitted to CDC by November 30 of the year before the data collection cycle begins following the format in Appendix B.2.

This document serves as a guide for project areas updating their existing MMP FSF. The objectives of an update of the FSF are to prepare an accurate, complete, and up-to-date list of facilities eligible for MMP from which a representative sample of facilities can be drawn, and to ensure that estimated patient loads (EPLs) are still accurate.

This document describes tasks specific to performing updates to a previously constructed FSF, as shown in the table below.

Update of Existing Facility Sampling Frame
1. Reviewing and updating list of potentially eligible facilities a) Existing Facility Sampling Frame b) HIV Core Surveillance Staff c) Other Sources of Information
2. Standardize facility names
3. Update/Confirm facility eligibility for MMP a) Facilities previously participating in MMP b) Newly identified facilities
4. Determine estimated patient load (EPL) for confirmed eligible facilities a) Facilities previously on the Facility Sampling Frame b) Facilities not previously on the Facility Sampling Frame

ELIGIBILITY CRITERIA FOR THE 2009 - 2013 MMP DATA COLLECTION CYCLES

To be eligible for participation in upcoming cycles of MMP, a facility should provide treatment and management of HIV disease – which is operationally defined as performing at least one of the following activities: ordering HIV viral load or CD4 T-lymphocyte count tests (not solely for referral purposes) and/or prescribing antiretroviral therapy in the context of treating and managing a patient's HIV disease. Thus, if medical providers at a facility were to obtain CD4 T-lymphocyte counts and HIV viral loads only for referral purposes or if they only provide antiretroviral refill prescriptions – but do not play a more active role in managing their patients' HIV infection – then the eligibility criteria are NOT considered to have been met. In addition, for MMP, a "facility" is defined as any clinic, medical practice, health care organization, or grouping of such entities that share medical records or a medical records system. However, operational considerations may be taken into account in defining facilities that are part of the same administrative structure. If patients receive care at facility units with separate appointment records or administrative leadership, and the place of care is largely unduplicated, those units may be defined as separate facilities if it would facilitate creating patient lists or recruiting patients. It is important that every eligible patient at a facility be included on the facility's patient list and available to be recruited and that the facility definition be consistent across facilities within a project area. Project area staff should consult with their CDC MMP Project Officer to discuss defining facilities with shared medical records. As in the previous MMP cycle, eligible facilities must also provide outpatient HIV care to patients 18 years of age or older. Other facilities that should be excluded from each project area's FSF are facilities that provide exclusively inpatient care, including hospices; emergency departments; facilities located outside the funded project area; facilities that have closed; federal, state, and local correctional and work-release facilities; tribal facilities; and health facilities located on military installations. Facilities that have provided HIV care only to patients under the age of 18 also should be excluded from the FSF. Veterans Administration (VA) facilities in every project area are eligible for participation and must be included on the FSF.

1. REVIEWING AND UPDATING LIST OF POTENTIALLY ELIGIBLE FACILITIES

Existing Facility Sampling Frame

As a starting point in conducting an update of the FSF, project area staff should review their existing FSF. These facilities, having previously met the criteria for MMP eligibility, are likely to remain eligible for the upcoming MMP cycle.

HIV Core Surveillance Staff

For the 2011 and 2013 MMP data collection cycles, the period of time since the FSF was constructed will be greater than one year. During this period of time, new HIV care-providing facilities may have begun operations within the jurisdiction of the project areas. CDC recommends that the MMP project area staff meet with HIV core surveillance staff by June 30 of the year before the data collection cycle begins to identify new facilities that are providing HIV care, as well as obtain information about previously eligible facilities whose status has changed (e.g., closed, HIV provider left, etc). MMP staff should take advantage of this meeting with HIV

core surveillance staff to obtain contact information for these new facilities and any other information that might be useful to obtain an EPL.

Use of Other Sources of Information
To ensure the completeness of the updated FSF, CDC recommends using two other sources of information (facility visits log and medical record abstractions) to identify potentially eligible facilities.

- Facility Visits Log – the Facility Visits Log, which lists HIV care facilities reported by patients, is another source of information for identifying potentially eligible facilities that were not included on the FSF.

- Medical Record Abstractions - information regarding medical facilities at which the patients sought HIV medical care may have been recorded in the Medical Record Abstraction application, and is another source for identifying potentially eligible facilities that were not included on the FSF.

2. UPDATING AND STANDARDIZING FACILITY NAMES

The process of standardizing facility names serves to ensure that the list of facilities on the FSF is de-duplicated. This process should be repeated for previously identified facilities, as well as for newly identified facilities that may be eligible for MMP. This is because facility names may change due to merging or splitting, changes in ownership or management, or other reasons.

In deciding on the method to use, each project area should consider their previous experience in standardizing facility names and the technical support that is available locally. Because this is a critical step in ensuring a complete, accurate, and up-to-date FSF, project areas are advised to:

- Choose the standardization method with which there has been previous experience and/or success or for which there will be adequate technical support locally.

- Conduct the standardization process in close collaboration with staff from the HIV surveillance program in the state or local health department.

As a result of the standardization process, there should be only one unique spelling for the name of each facility.

3. UPDATE / CONFIRM FACILITY ELIGIBILITY FOR MMP

Updating eligibility status of facilities previously participating in MMP
These facilities have previously met the criteria for MMP eligibility and are likely to remain eligible for the upcoming MMP cycle. Nevertheless, because in 2011 and 2013 the period of time since the FSF was constructed will have been greater than one year, some facilities may have changed their eligibility status. CDC recommends that during the meeting with HIV core surveillance staff, MMP staff also reconfirm the eligibility status of previously identified MMP

facilities and remove facilities that have closed, or obtain updated information for those facilities that have merged with other facilities. Previously identified MMP facilities that have merged with other facilities should be contacted directly by MMP staff to re-confirm eligibility.

Confirming eligibility status of newly identified facilities
All newly identified facilities that are potentially eligible for MMP should be contacted directly to confirm their eligibility. MMP project area staff should work with other health department programs, such as HIV surveillance or HIV prevention programs, in this process. If initial efforts at direct contact are repeatedly unsuccessful, alternative sources of information for determining eligibility, such as assurances of eligibility by HIV surveillance personnel, or having been identified via a laboratory reporting database as having ordered CD4 and HIV viral loads, may also be considered for the newly identified facilities.

4. DETERMINING EPL FOR CONFIRMED ELIGIBLE FACILITIES

In preparation for facility sampling for the 2011 and 2013 data collection cycles, an EPL from the period of January 1 through April 30 of the same year of the data collection cycle (i.e., 2011 and 2013), must be estimated for all facilities that have been determined to be eligible for MMP. If there are difficulties in estimating the requested 4-month EPL, an alternate approach may be used after consultation with your CDC Project Officer.

Facilities on the FSF
For facilities that are on the FSF, CDC recommends that a new EPL be obtained for all large facilities that have a selection probability greater than 50%. New EPLs should also be obtained for a sample of medium and small facilities. CDC will provide the project area with a list of facilities that need to be contacted to obtain an updated EPL no later than June 30 of the year before the data collection cycle begins.

Facilities NOT on the FSF
If a facility has not previously participated in MMP, direct contact should be made to determine the EPL. Whenever possible, MMP staff should request an EPL during the same contact made with a facility to determine its eligibility.

Ideally, the EPL should be based on a data run conducted by the facility, using an electronic database containing patient-level information. The best criteria for a data run will vary depending on the characteristics of each facility's data management system, but may include ICD-9 or ICD-10 codes. If a data run is not obtainable, a rough estimate may be used for an EPL.

In addition to contacting the facility directly, MMP project areas are encouraged to obtain EPLs for each facility from as many data sources as possible. This is because multiple sources of data may better inform the EPL than would a single source of data.

- Alternate sources of information for EPLs include, but are not limited to, data from HIV laboratory reporting, HIV/AIDS Reporting Systems, AIDS Drug Assistance

Programs, and Medicaid. Project area staff should consider their previous experience with the different sources of information when deciding which EPL sources to use.

- Health department staff from HIV surveillance may be able to provide assistance with determining EPLs for some facilities.

If EPLs from multiple data sources are obtained, MMP staff in the project area should consider the strengths and weaknesses of each of the data sources in choosing the best EPL for the facility. CDC Project Officers are available to assist in this process.

New facility samples will be drawn by CDC after the process of updating the FSF has been completed and no later than December 31 of the year before the data collection cycle begins.

Appendix B.2

MEDICAL MONITORING PROJECT GUIDANCE FOR RECONSTRUCTING THE FACILITY SAMPLING FRAME 2014-2018

This document serves as a guide for project areas reconstructing an existing Medical Monitoring Project (MMP) facility sampling frame (FSF). The objective of reconstructing the FSF is similar to that of constructing an initial FSF, to prepare an accurate, complete, and up-to-date list of facilities eligible for MMP (facilities that provide HIV care) from which a representative sample of facilities can be drawn. This new FSF will be the basis from which facilities will be selected for participation in MMP for the 2014-2018 funding cycle. Consistent with MMP's biannual facility sample selection procedures, the 2014 cycle will use the same facility sample as was selected for 2013. The facility sample will be reconstructed for the 2015 cycle, and will be used for the 2015 and 2016 cycles.

This document describes tasks specific to performing a reconstruction of a previously constructed FSF, as shown in the table below.

Reconstructing an Existing Facility Sampling Frame
1. REVIEWING AND RECONSTRUCTING LIST OF POTENTIALLY ELIGIBLE FACILITIES a) Existing Facility Sampling Frame b) Other Sources of Information c) HIV/AIDS Reporting System (HARS) d) List of ineligible facilities from previous MMP cycle
2. RECONSTRUCTING AND STANDARDIZING FACILITY NAMES
3. UPDATING / CONFIRMING FACILITY ELIGIBILITY FOR MMP a) Facilities previously on the FSF b) Facilities NOT previously on the FSF
4. DETERMINING ESTIMATED PATIENT LOAD (EPL) FOR CONFIRMED ELIGIBLE FACILITIES a) Facilities previously on the FSF b) Facilities NOT previously on the FSF

Eligibility criteria for 2015 and subsequent MMP cycles

To be eligible for participation in upcoming cycles of MMP, a facility should provide treatment and management of HIV disease which is operationally defined as performing at least one of the following activities: ordering HIV viral load or CD4 T-lymphocyte count tests (not solely for referral purposes) and/or prescribing antiretroviral therapy (ART) in the context of treating and managing a patient's HIV disease. Thus, if medical providers at a facility were to obtain CD4 T-lymphocyte counts and HIV viral loads only for referral purposes or if they only provide antiretroviral refill prescriptions, but do not play a more active role in managing their patients' HIV infection, then the eligibility criteria are NOT considered to have been met. In addition, for MMP, a "facility" is defined as any clinic, medical practice, health care organization, or grouping of such entities that share medical records or a medical records system. However, operational considerations may be taken into account in defining facilities that are part of the same administrative structure. If patients receive care at facility units with separate appointment records or administrative leadership, and the place of care is largely unduplicated, those units may be defined as separate facilities if it would facilitate creating patient lists or recruiting patients. It is important that every eligible patient at a facility be included on the facility's patient list and available to be recruited and that the facility definition be consistent across facilities within a project area. Project area staff should consult with their CDC MMP Project Officer to discuss defining facilities with shared medical records. As in the previous MMP cycle, eligible facilities must also provide outpatient HIV care to patients 18 years of age or older. A facility eligibility determination algorithm can be found in Attachment 1.

To further clarify the criteria for participation, the following table displays some common types of facilities that are ineligible for MMP and should be excluded from the FSF:

Ineligible facility	**Reason for ineligibility**
Closed facility	No longer in operation and, therefore, no longer providing care
Emergency room	Does not provide information on standard of care
Inpatient facilities	Does not provide primary medical care for HIV infection
Laboratory	Does not provide medical care for HIV infection
Counseling and testing site	Does not provide medical care for HIV infection
Federal prison, military, Indian Health Service, Tribal medical facility	The project area has no jurisdiction to obtain medical records from Federal/Tribal facilities
Facilities located outside the project area	Only facilities in the project area are eligible to be sampled for MMP
Correctional facilities**	MMP does not collect information on HIV care provided in correctional facilities

***Correctional facilities and associated EPLs should be kept on the FSF and noted as such in the comments field of the FSF matrix spreadsheet.*

In addition, the following MMP facilities may be eliminated from the FSF provided certain conditions exist:

- Pediatric facility – eliminate only if the pediatric facility does not provide outpatient medical care for HIV infection to persons aged 18 and older.
- Psychiatric facility – eliminate only if the psychiatric facility does not provide outpatient medical care for HIV infection.

As in the previous MMP cycle, facilities deemed ineligible according to the guidelines above must be documented as such in a separate file. Please include the facility name, facility type, reason for ineligibility, and the date the decision to exclude the facility from the sampling frame was made. This documentation will be used by the project area to provide summary information to CDC regarding eliminated facilities.

1. REVIEWING AND RECONSTRUCTING LIST OF POTENTIALLY ELIGIBLE FACILITIES

For the 2015 MMP data collection cycle, the period since the previous FSF was constructed is greater than one year. During this period, new HIV care facilities may have opened, and others may have closed or merged, changing their eligibility status from the previous MMP cycle. Although the FSF was updated for the 2013 data collection cycle using HIV core surveillance staff and other sources of information, the eligibility status of **all** previously identified facilities should be determined, confirmed, or updated before the FSF can be submitted to CDC for sampling for the next MMP cycle.

Existing Facility Sampling Frame
As a starting point for reconstructing the FSF, project area staff should review the FSF from the most recent MMP cycle. These facilities, having previously met the criteria for MMP eligibility, are likely to remain eligible for the upcoming MMP cycle.

Use of Other Sources of Information
To ensure the completeness of the updated FSF, several other sources of information, in addition to the existing FSF, should be used to identify potentially eligible facilities and to update the eligibility status of previously identified facilities.

- Interview – if patient interviews were conducted in the previous MMP cycle, HIV care facilities that patients reported visiting are another source of information for identifying potentially eligible facilities that were not included on the previous FSF.

- Medical Record Abstractions - if medical record abstractions were conducted in the previous MMP cycle, information regarding medical facilities at which the patients sought HIV medical care may have been recorded in the medical record abstraction application, this information is another source for identifying potentially eligible facilities that were not included on the previous FSF.

- Other additional sources of information – Project areas should use 2-3 other sources of information, in addition to those mentioned above, to identify potentially eligible facilities. Based on previous experience constructing or updating an FSF, choose additional sources of information that yielded the most number of eligible facilities. The "best" additional sources of information will vary by project area, examples include the AIDS Drug Assistance Program (ADAP), Medicaid, and laboratory reporting data.

Supplement with updated data from the HIV/AIDS Reporting System (HARS)
Most project areas have found the HIV/AIDS Reporting System (HARS) to be a good source of data for identifying potentially eligible facilities. CDC recommends that all project areas obtain updated HARS data as part of reconstructing the FSF. These data should be extracted from the ending date of the data run for the previous FSF to the present (or most updated) time period.

The choice of the time period for examining HARS data is based on the last year selected for the HARS data run used to create the previous FSF. To update the HARS data for 2015, if the data run for the previous FSF was through 12/31/2007, for the 2014 MMP cycle HARS records should be selected for patients who were either:

- entered in HARS ≥ 2008 or
- had an HIV (not AIDS) diagnosis ≥ 2008 or
- had an AIDS diagnosis ≥ 2008

The following HARS fields should be selected:

- facility fields
- provider's name (the provider's name will provide additional information for cases that have "private MD", or some other designation with the same meaning, in the facility fields)
- patient identifier
- patient's date of birth
- diagnosis date
- relevant local fields, e.g. current provider or facility

CDC will provide information to project areas on the HARS field names recommended for selection and inclusion in the HARS data extract.

List of ineligible facilities from previous MMP cycle
Project areas should review their list of ineligible facilities from the previous MMP cycle and determine whether any facility previously considered ineligible has appeared in a data run from any of the sources listed in this section chosen by the project area to identify new facilities for the reconstruction of their FSF. If a facility previously determined to be ineligible appears in a data run from any of the other sources, the facility should be considered potentially eligible and the eligibility status of the facility should be confirmed, or updated before the FSF can be submitted to CDC for sampling for the next MMP cycle.

2. RECONSTRUCTING AND STANDARDIZING FACILITY NAMES

The process of standardizing facility names serves to ensure that the list of facilities is de-duplicated within any particular source of information, as well as across the different sources of information. This process should be repeated for previously identified facilities, as well as for newly identified facilities that may be eligible for MMP. This is because facility names may change due to merging or splitting, changes in ownership or management, or other reasons.

A variety of software programs may be used to standardize facility names, including DataFlux dfPower Studio or SAS. However, many project areas have found it most feasible to standardize facility names by simply alphabetically sorting, then viewing and editing the lists of facility names individually. Because this is a critical step in ensuring a complete, accurate, and up-to-date FSF, project areas are advised to:

- Choose the standardization method with which there has been previous experience and/or success or for which there will be adequate technical support locally.

- Complete the standardization of facility names from different sources of information separately – BEFORE merging the lists of facility names from these different sources of information.

- Conduct the standardization process in close collaboration with staff from the HIV surveillance program at the state or local health department.

As a result of the standardization process, there should be only one unique spelling for the name of each facility. It should be noted that although each facility should have only one name with one distinct spelling, it is possible to have more than one facility associated with any one particular patient reported with HIV or AIDS. Thus, a patient may have been diagnosed with HIV at one facility, but diagnosed with AIDS at a different facility – both of which should then be included as potentially eligible facilities for MMP.

3. UPDATE / CONFIRM FACILITY ELIGIBILITY FOR MMP

Assessing eligibility status of facilities previously on the FSF
Based on the eligibility criteria described above, the best method for accurately assessing facility eligibility is direct contact (by phone or in person). However, for facilities that were previously on the FSF, particularly those that participated in a previous MMP data collection cycle, sufficient information may be available from medical record abstraction and from interactions between MMP project area staff and the medical facility staff during the recent MMP data collection cycle – such that additional contacts may not be necessary to update the eligibility status of these facilities.

Facilities that were eligible but refused to participate or were not selected in the sampling process should be followed up to determine if their status changed from the last MMP cycle. For

ALL currently eligible facilities that **did not previously participate in MMP** (regardless of the reason), direct contact is the best method for assessing eligibility status. Project areas should make telephone calls or visits to facilities to verify that they meet the MMP facility definition or provide justification for using a method other than direct contact. Model response sheets for verification of eligibility and EPLs for new facilities and facilities previously on the FSF are provided (Attachments 3a & 3b) to guide project areas in interacting with medical facilities to update or determine their eligibility. Before making direct contact with potentially eligible facilities, it may be helpful to consult with staff from HIV surveillance, HIV prevention, or other health department programs that have frequent interactions with medical facilities in the area. They may have existing knowledge to update or determine the eligibility or to provide facility contact information.

If MMP project area staff are unable to reach facility personnel after multiple attempts at direct contact, other possible methods of determining or assessing the facility eligibility may be considered. For example:

- Consult health department staff from HIV surveillance, HIV prevention, or other programs for input in assessing or determining the eligibility.

- Other possible sources of information for assessing facility eligibility include Medicaid, Medicare, ADAP, and Ryan White.

To increase efficiency, whenever possible, MMP staff should request an EPL during the same contact made with a facility to determine its eligibility if the facility is confirmed eligible.

As in the previous MMP cycle, it is important to document the direct contact attempts with facilities and the outcome of those efforts. This includes the type, date, and results of the contact, and scripts and other written materials that were used. This information should be sent with the facility sampling frame materials to the CDC. Consult your CDC Project Officer for guidance on required documentation.

Assessing eligibility status of facilities NOT previously on the FSF
All facilities that are newly identified as potentially eligible for MMP should be contacted directly to confirm their eligibility status. MMP project area staff should work with other health department programs, such as HIV surveillance or HIV prevention programs, in this process. If initial efforts at direct contact are repeatedly unsuccessful, alternative sources of information for determining eligibility, such as those mentioned above for facilities that have not previously participated in MMP, may also be considered for the newly identified facilities.

4. DETERMINING EPL FOR CONFIRMED ELIGIBLE FACILITIES

In preparation for facility sampling for the 2015 data collection cycle, an EPL for the period of January 1 through April 30, 2015 should be obtained from all facilities that have been determined to be eligible for MMP. The EPL is an unduplicated estimate of the number of adult HIV-infected patients seen at the facility during the specified time period. If there are difficulties

in estimating the requested 4-month EPL, an alternate approach may be used after prior consultation with your CDC Project Officer.

Facilities previously on the FSF

For facilities that previously participated in MMP, the patient list that was obtained during the 2013 or 2014 cycle may be used to determine the EPL for the 2015 cycle. In doing so, project area staff should ascertain any reason to anticipate a deviation from the EPL that was based on the 2013 patient list and adjust the EPL number accordingly. For example:

- Have there been changes in staff – HIV care providers leaving or new ones arriving?
- Have there been changes in policy – for example those regarding funding/reimbursement or referral of new HIV patients?
- Historically, have there been seasonal variations in appointments for HIV patients?
- Are there any other reasons that might affect changes in the load of HIV patients anticipated for the upcoming Population Definition Period (January 1 through April 30, 2015)?

If a facility has not previously participated in MMP, direct contact should be made to determine the EPL. Whenever possible, MMP staff should request an EPL during the same contact made with a facility to determine its eligibility.

Ideally, the EPL should be based on a data run conducted by the facility, using an electronic database containing patient-level information. The best criteria for a data run will vary depending on the characteristics of each facility's data management system, but may include ICD-9 or ICD-10 codes. If a data run is not obtainable, a rough estimate may be used for an EPL.

MMP project areas are encouraged to obtain EPLs for each facility from as many data sources as possible – in addition to directly contacting the facility. This is not only because data may be unobtainable through direct contact with some facilities, but also because multiple sources of data may better inform the EPL than would a single source of data.

- Alternate sources of information for EPLs include, but are not limited to, data from HIV laboratory reporting, HARS, ADAP, and Medicaid. Project area staff should consider their previous experience with the different sources of information when selecting EPL sources for the upcoming cycle.

- Health department staff from HIV surveillance may be able to provide assistance with determining EPLs for some facilities.

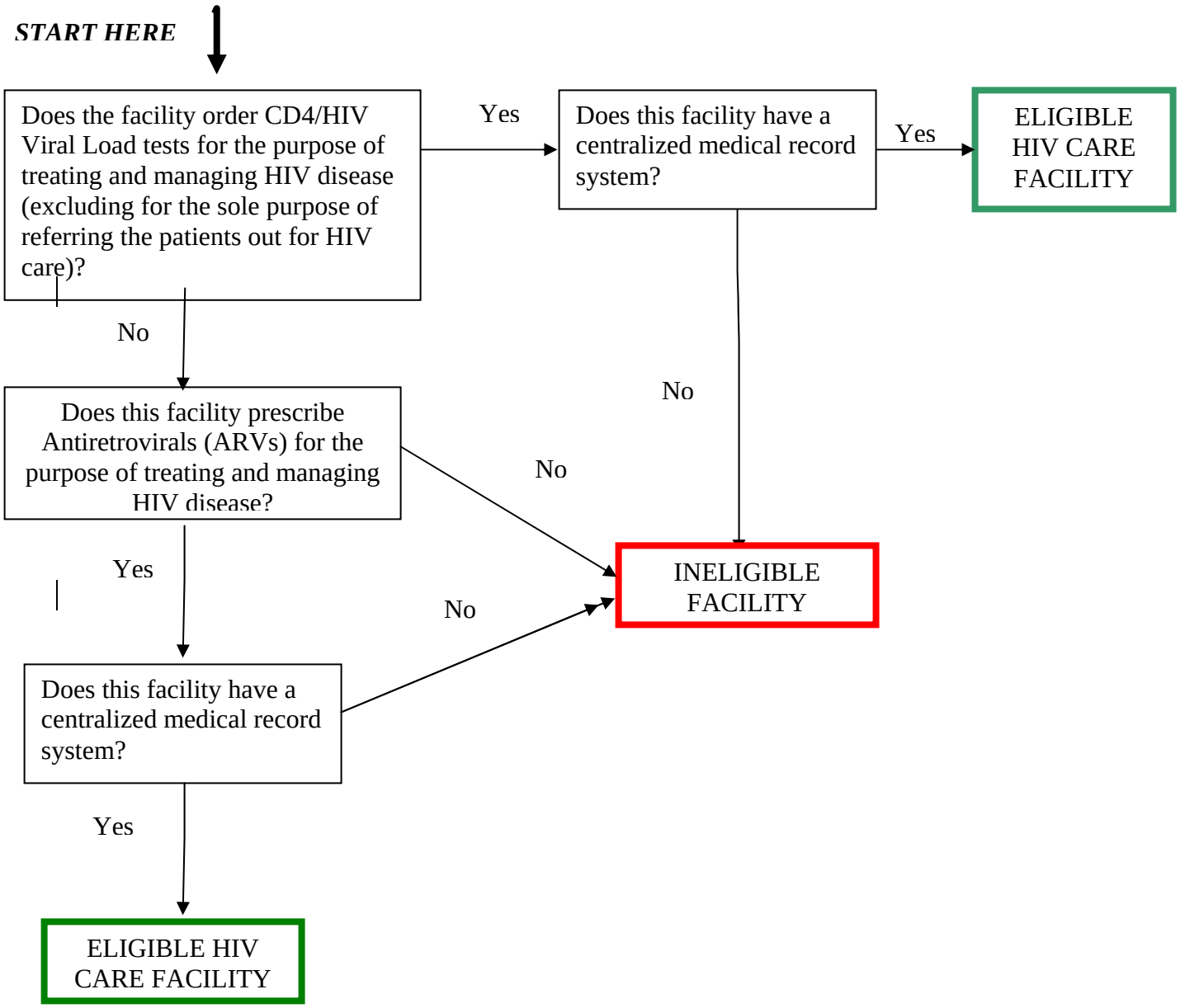
If EPLs from multiple data sources are obtained, MMP staff in the project area should consider the strengths and weaknesses of each of the data sources in choosing the best EPL for the facility. CDC Project Officers are available to assist in this process.

Facilities NOT previously on the FSF

All facilities that are newly identified as eligible for MMP should be contacted directly to confirm their EPL. If initial efforts at direct contact are repeatedly unsuccessful, alternate sources of information for determining EPL, such as those mentioned above for facilities that have not previously participated in MMP, may also be considered for the newly identified facilities.

Appendix B.3

Attachment 1. Facility Eligibility Determination Algorithm



Appendix B.4

Attachment 3a
Response Sheet for Verification of HIV Facility Eligibility and Estimated Patient Load (EPL)
(For New Facilities)

When placing a call to a new facility, people who might have EPL and eligibility information include an office manager, head nurse, or infection control staff.

Facility Name: Facility ID Number:	Telephone Number: Description:
Facility Contact: Role:	Telephone Number: Description:
Physical Address:	Fax Number:

1 call date: _____ MMP staff:_____Spoke to/Position:_____Phone_____
Outcome:_____

2 call date: _____ MMP staff:_____Spoke to/Position:_____Phone_____
Outcome: _____

3 call date: _____ MMP staff:_____Spoke to/Position:_____Phone_____
Outcome: _____

4 call date: _____ MMP staff:_____Spoke to/Position:_____Phone_____
Outcome: _____

Hi, this is _____with _____. We're working on a project with CDC to look at HIV care in _____ and we would like to verify a few quick pieces of information about the HIV medical care you provide. Could you help me?

I have your facility name as _____. Is this correct? YES NO

Does the facility go by any other names or abbreviations?_____

Does your facility provide Outpatient, non-ER care? YES NO

Does your facility provide HIV/AIDS medical care to patients aged 18 years or older? YES NO
Monitor CD4/viral loads to treat HIV disease (Not for referral purposes)? YES NO
Prescribe ARVs to treat HIV disease? YES NO
If yes, what is your mailing address? _____

Does your facility keep its medical records onsite? YES NO
If no, which facility keeps your HIV/AIDS medical records? _____
If yes, do other doctors/facilities house their records at your location? YES NO
Which doctors/facilities? _____

What is the **Number** of HIV/AIDS patients 18 years or older (OUTPATIENT, non-ER) seen Jan 1-April 30, 2013 for HIV medical care? _____ Time period: □ Jan 1-April 30, 2013 OR:_____ Date Rcvd:_____
Do you expect this number to change for the same time period in 2014? YES NO
If yes, how? _____

How did you come up with this number? (Did you run a query based on ICD codes? Did you access clinic logs or cross-reference logs to access this information? Is this number an estimate?)
Specify: □ Data Run □ Facility list/logs □ Estimate/guess □ Other (describe):_____

Appendix B.5

Attachment 3b
Response Sheet for Verification of HIV Facility Eligibility and Estimated Patient Load (EPL)
(For Facilities in the previous Facility Sampling Frame)

When placing a call to a facility from the previous Facility Sampling Frame it is important to ask for the person who provided the last EPL. Other people who might have EPL and eligibility information include an office manager, head nurse, or infection control staff.

Facility Name: Facility ID Number:	Telephone Number: Description:
Facility Contact: Role:	Telephone Number: Description:
2013 EPL Rcvd from: Role:	Fax Number:
2013 Eligibility: 2013 EPL:	Physical Address:

1 call date: _____ MMP staff:_____Spoke to/Position:_____Phone_____
Outcome:_____

2 call date: _____ MMP staff:_____Spoke to/Position:_____Phone_____
Outcome: _____

3 call date: _____ MMP staff:_____Spoke to/Position:_____Phone_____
Outcome: _____

4 call date: _____ MMP staff:_____Spoke to/Position:_____Phone_____
Outcome: _____

Hi, this is _____with _____. We're working on a project with CDC to look at HIV care in _____ and we would like to verify a few quick pieces of information about the HIV medical care you provide. Could you help me? (I believe you helped us last year.)

I have your facility name as _____. Is this information still correct? YES NO

Does the facility go by any other names or abbreviations?_____

Does your facility provide Outpatient, non-ER care? YES NO

Does your facility provide HIV/AIDS medical care to patients aged 18 years or older? YES NO
Monitor CD4/viral loads to treat HIV disease (Not for referral purposes)? YES NO
Prescribe ARVs to treat HIV disease? YES NO
If yes, what is your mailing address? _____

Does your facility keep its medical records onsite? YES NO
If no, which facility keeps your HIV/AIDS medical records? _____
If yes, do other doctors/facilities house their records at your location? YES NO
Which doctors/facilities? _____

What is the **Number** of HIV/AIDS patients 18 years or older (OUTPATIENT, non-ER) seen Jan 1-April 30, 2013 for HIV medical care? _____ Time period: □ Jan 1-April 30, 2013 OR:_____ Date Rcvd:_____
Do you expect this number to change for the same time period in 2014? YES NO
If yes, how? _____

How did you come up with this number? (Did you run a query based on ICD codes? Did you access clinic logs or cross-reference logs to access this information? Is this number an estimate?)
Specify: □ Data Run □ Facility list/logs □ Estimate/guess □ Other (describe):_____

Appendix C

MMP Project Area Identification Numbers and Abbreviations

0006	CA	California
1600	CHI	Chicago, IL
0010	DE	Delaware
0012	FL	Florida
0013	GA	Georgia
3360	HOU	Houston, TX
0017	IL	Illinois
0018	IN	Indiana
4480	LAC	Los Angeles, CA
0026	MI	Michigan
0028	MS	Mississippi
0034	NJ	New Jersey
0036	NY	New York
5600	NYC	New York, NY
0037	NC	North Carolina
0041	OR	Oregon
0042	PA	Pennsylvania
6160	PHI	Philadelphia, PA
0072	PR	Puerto Rico
7360	SFO	San Francisco, CA
0048	TX	Texas
0051	VA	Virginia
0053	WA	Washington

Appendix D

Medical Monitoring Project Second-stage Facility Sampling

This document describes the sampling process used to select facilities within MMP project areas, i.e., the second stage of MMP sampling. The process used for MMP second-stage sampling depends upon having reasonably accurate estimates of patient load for the population definition period (PDP) for the various facilities in the project areas. Facilities selected for participation during the 2013 data collection cycle also will be recruited to participate in the 2014 data collection cycle.

The sampling procedure used to select facilities is stratified probability proportional to size (PPS) sampling. The measure of size used in the design is the estimated patient load provided for each facility in the frame. Stratification is achieved by list ordering coupled with systematic PPS selection. In all project areas, sample selection incorporates implicit stratification based on size. In some project areas (e.g., large states with widely dispersed facilities), sample selection may additionally incorporate stratification based on size nested within well-defined geographic regions.

In order to avoid situations in which PPS facility sampling would produce sampling probabilities greater than one, special procedures are used when facility measures of size are very large. Very large facilities are defined as those in which the measure of size exceeds the total of all measures of size divided by the number of facility selections. For example, if 25 facility selections are to be made and the sum of estimated patient loads for all facilities is 25,000, then any facility with an estimated patient load larger than 25,000/25 = 1,000, is considered very large. These very large facilities are sampled with probability 1.

Establishing a “cut-off” for very large facilities must be done in an iterative fashion, since once a facility is classified as very large the algorithm for determining the cut-off is modified. The modification consists of reducing the sum of measures of size for all facilities by the measure of size of the very large unit and reducing the number of selections by one. Continuing the example above, if the largest facility has a measure of size of 2,500, then the first step of determining the revised cut-off involves reducing the measure of size to 25,000-2,500 = 22,500 and the number of remaining selections to 25-1=24. The revised cut-off is then computed as 22,500/24 = 937.5. Facilities with measures of size at or above the finally determined cut-off are included in the sample with probability one. They are typically called “certainty” selections or “self-representing” selections. The remaining units are sampled with probability less than 1, and those selected are typically called non-certainty or non-self-representing selections.

If A denotes the number of facility selections to be made within the project area and if SR denotes the number of certainty (probability 1.0) selections, then the number of non-certainty selections (denoted NS) is NS=A-SR. A sampling interval I is computed for the non-certainty selections as the sum of measures of size for all facilities not selected with certainty divided by NS. For example, assume the total sum of measures SMOS is 25,000 and the sum of measures of size for five (SR=5) certainty selections is SSRMOS=10,000; then the sum of measures of size for non-certainty selections is

SNSMOS = SMOS – SSRMOS = 25,000 – 10,000 = 15,000. If A is 25, then NS = A-SR =25-5= 20 (since SR=5). The non-certainty sampling interval is SNSMOS/NS = 15,000/20 = 750.0. A random number is selected between 0.1 and 750.0 and the interval (I=750) is successively cumulated to produce 20 selection numbers. The algorithm actually truncates the cumulated random start with the interval successively added. These numbers are then used with a running accumulation of measures of size to indicate the selected facilities.

In order to equalize the probability of selection for patients within the project area, the facility PPS sampling is followed with inverse PPS selection of patients within selected facilities. Patient sampling procedures are described in Appendix E, but a complication implied by the two-stage selection (PPS sampling followed by inverse PPS sampling) is discussed here. To avoid situations in which strict PPS facility sampling would produce patient sampling within facilities with probabilities greater than 1, special procedures are needed when facility measures of size are very small.

Patient sampling fractions within facilities are chosen in such a way that when the facility's probability of selection and the patients' probability of selection (which is equal for all patients of the same facility) are multiplied together, the product is a constant for all facility-patient pairs. If a facility's selection probability is less than this constant, it is impossible to choose a patient selection probability to satisfy this relationship. That is, some facilities have selection probabilities so small that the implied patient selection probability would be greater than 1. The need to cap the proportion of patients sampled at 100% requires some adjustment to sampling procedures to avoid departures from equal probability sampling (in terms of patients' ultimate selection probabilities, which are the products of the sampling fractions at the facility and patient sampling stages).

Prior to the 2013-2014 data collection cycle, sampling procedures ensured that facility sampling probabilities did not fall below the threshold that would require 100% patient sampling by changing the measure of size used from an individual facility's EPL to the aggregate EPL for a group of linked facilities (which formed a virtual sampling unit). Small facilities were linked to larger facilities so that the total EPL for all linked groups exceeded some threshold (in practice, usually 80), and if a group was sampled, all facilities comprising it were considered to have been sampled. This procedure was well founded statistically for cluster sampling, but the resulting increase in small facilities sampled was inefficient and led to operational and computational complications. Following discussions with CDC and simulations that used 2011 frame data, ICF recommended discontinuing the practice of linking facilities, effective with the 2013-2014 data collection cycle, in favor of a straightforward PPS scheme.

Appendix E

Medical Monitoring Project Third Stage Patient Sampling

The third stage of MMP sampling for each data collection cycle is carried out within each sampled participating facility using "list based sampling."

List based sampling

List based sampling involves the selection of individual patients from a listing that is constructed of all HIV-infected patients who have made at least one visit to the facility for care during the PDP.

The basic sampling principle that governs stage three sampling is the implementation of a sample selection process that produces an equal probability of selection sample for all patient-facility pairs[1] over all facilities and patients in the entire project area. Further, a second principle is the goal of selecting an equal probability sample of patients of a certain target size. This latter goal is made simpler if the number of patients from which the patient sample is selected is known for each sampled facility prior to the determination of the actual third stage selection probabilities.

The third stage of sampling is carried out by first obtaining either exact counts of the number of patients with one or more visits to all participating sampled facilities during the PDP, or a de-identified listing of these patients from which the exact count is derived. These counts are used along with the probabilities of selection associated with each selected facility as follows. Let N_i denote the number of patients associated with the ith facility during the PDP, and let p_{1i} denote the probability of selection for the ith facility (i.e., the second stage selection probability for the ith facility). We will let n denote the desired patient sample size within the entire project area. The desired patient sample size for within the entire project area is equal to the sum of the desired patient sample size across all sampled cooperating facilities within the project area, i.e., $n = \sum n_i$.

Initially we let p_{2i} , the within facility patient selection probability, equal k/p_{1i} , where k is initially set to 1 (i.e., initially set $p_{2i} = k/ p_{1i}$, where k=1). Next we form the sum $S = \sum(N_i p_{2i}) = \sum[Ni(k/p1i)] = \sum(N_i/p_{1i})$. We then adjust the factor k as $k_{(new)} = k_{(current)} \times (n/S)$. For example, suppose the desired project area patient sample size n=400 and initially (using k=1) we find S=200, then the revised k will be $k = 1 \times (400/200) = 2$. This value of $k_{(new)}$ is then used to recalculate each set p_{2i} by the formula $p_{2i} = k_{(new)}/p_{1i}$. It should be noted that p_{2i} must always be constrained to be less than or equal to 1.0. With these revised values for p_{2i} the sum S is recomputed and k is readjusted as necessary. Once the value of $k_{(new)}$ has been stabilized to produce the desired overall patient sample size n, p_{2i} is applied within each facility to derive n_i , using the formula $n_i = np_{2i}$.

[1] A patient-facility pair is defined as an HIV-infected patient who makes at least one visit to a facility for care during the population definition period.

Appendix F

Medical Monitoring Project Patient Sample Sizes by Project Area

Project Area	Sample Size
California (excluding LA, SF)	500
Chicago, IL	400
Delaware	400
Florida	800
Georgia	400
Houston, TX	400
Illinois (excluding Chicago)	100
Indiana	400
Los Angeles, CA	400
Michigan	400
Mississippi	400
New Jersey	500
New York (excluding NYC)	200
New York City, NY	800
North Carolina	400
Oregon	400
Pennsylvania (excluding Philadelphia)	100
Philadelphia, PA	400
Puerto Rico	400
San Francisco, CA	400
Texas (excluding Houston)	400
Virginia	400
Washington	400

Appendix G.1

OMB Number: 0920–0740

Expiration Date: 05/31/2015

2014 Standard Questionnaire for Medical Monitoring Project (MMP)

DO NOT USE IN FIELD UNTIL MAY 2014

VERSION 10.2.0

Public reporting burden of this collection of information is estimated to average 45 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 (0920–0740). Do not send the completed form to this address.

DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Centers for Disease Control and Prevention
Atlanta, GA 30333

2014 MMP QUESTIONNAIRE

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General notes for QDS programmer

Additional programming notes are located throughout the questionnaire:

1) Use version 2.6.1 of QDS.
2) Every question requires a response to move forward in the application unless otherwise noted.
3) Use the following values: .D = 8, .R = 7, NA = 6.
4) For all "other–specify" variables in "check all that apply" questions, use the "other" variable name (which should end in "O") and add an "S" on the end. If the variable name becomes too long, then drop the letter immediately preceding the consecutive letter at the end of the **main part** of the variable name. For example, if the "other" variable is named *"KINDG_9O"(where KIND is the stem variable name and G denotes the lettered response option)* the "specify" variable should be named *"KING_9OS"*
5) QDS programming notes are not included in the application; they are merely there to help with coding.
6) Interviewer instructions and inconsistency checks are notes for the interviewers, but may also include coding instructions.
7) The QDS codebook should have a brief description of the variable. This includes all calculated variables.
8) Calculate questionnaire version number using variable name **VERSION**. This must be updated every time a change is made in the application.
9) Calculate QDS version number using variable name **QDSVERN3**. This variable describes the QDS version used to create the QAD file. For 2014 cycle the value is 2.6.1.
10) Calculate data collection cycle using variable name **CYCYR**. CYCYR = 2014.
11) For all date variables also create an automatic variable that is a copy of the date variable. For example, if the variable for date was called DATE, then the automatic variable would look like: a. variable name: TXFORM, b. type of date: String Expression, c. numeric calculation/string expression: DATE
12) Label module sections in the codebook. Use the Table of Contents for guidance.
13) PDP start date is January 1, 2014.
14) PDP end date is April 30, 2014.
15) Calculate the time to conduct an interview from D1 to C20 (i.e., exclude Preliminary Information and Interview Completion sections.
16) Calculate time to conduct each module.
17) Do not include the Response cards and calendars in the QDS program.
18) Distinguish between English and Spanish versions of the questionnaires.
19) The maximum size of text values is 100 except for E5 which is 200.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preliminary Information (I)

Interviewer instructions: Enter Preliminary Information prior to interview.

Participant ID [PARID]:

I1a. ***Site ID [SITEID]*** ___ ___ ___ ___

I1b. ***Facility ID [FACILID]*** ___ ___ ___ ___

I1c. ***Respondent ID [INDID]*** ___ ___ ___ ___

QDS programming note:
Site ID, Facility ID, and Respondent ID all must be 4 digits with leading 0s. ***[PARID]*** is a 12 digit calculated variable based on ***[SITEID]*** + ***[FACILID]*** + ***[INDID]***
Range 1–9999

I1d. ***The Participant ID is __ __ __ __ __/__ __ __ __/__ __ __ __. Is that correct? [IDCONFN3]***

No ..... ☐ 0 ⟹ ***Return to I1a***

Yes ..... ☐ 1

QDS programming note: Enter PARID for question. If I1d is "No," loop back to I1a.
Display for interviewer should include dashes after every 4th number for legibility (e.g., "The participant ID is 1111-2222-3333. Is that correct?" DO NOT create a new variable reflecting PARID. Display when I1d is NO should read: "Interviewer: Please re-enter participant ID."

I2. ***Interviewer ID: ___ ___ ___ [INTID]***

QDS programming note for I2: Range 1–999

I3. ***Computer device ID: ___ ___ ___ [DEVICEID]***

QDS programming note for I3: Range 1–999

I4. ***Interview date:*** __ __/ __ __/ __ __ __ __
(M M / D D / Y Y Y Y)
[IDATE]

QDS programming note for I4: Automatically calculate in QDS.

I5. ***Are you conducting a telephone interview or face-to-face interview? [TI_F2F]***

Telephone interview ..... ☐ 1

Face-to-face interview ..... ☐ 2

I6. ***Was the interview originally administered on paper? [MODEADM]***

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

No ..... ☐ 0
Yes ..... ☐ 1

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Demographics (D)

SAY: "I'd like to thank you for taking part in this interview. Remember that all the information you give me will be confidential and your name won't be recorded in the survey responses. The answers to some questions may seem obvious to you, but I need to ask you all of the questions."

Interviewer instructions: If I5 [TI_F2F] is "telephone interview," then go to Say box below; otherwise skip to D1.

SAY: "You have chosen to complete the interview over the telephone. Before we begin, I would like to remind you that there is a set of response cards that I will ask you to refer to throughout the course of the interview. These response cards will be needed for some of the questions you will be asked during the interview. The set of cards contains a calendar, some pictures, and text to help guide you through the response options for some of the questions. Each card is labeled. Please keep this set of response cards nearby so you can use them when needed. I will let you know which questions require response cards and the label that corresponds to the card that is needed."

D1. Have you **ever** participated in the MMP interview? ***[PARTCPT]***

No ..... ☐ 0 ⟹ ***Skip to D2***
Yes ..... ☐ 1
Refused to answer..... ☐ 7 ⟹ ***Skip to Say box before D2***
Don't know ..... ☐ 8 ⟹ ***Skip to D2***

D1a. What month and year did you participate in the MMP interview? ***[PARTIC]***

__ __ / __ __ __ __
(M M Y Y Y Y)

[Month: 77 = Refused to answer, 88= Don't know;
Year: 7777 = Refused to answer, 8888 = Don't know]

Interviewer instructions: If the respondent does not know the month, code this date as Don't know.

Inconsistency check: D1a (date respondent participated in MMP) cannot be earlier than January 2005 or later than I4 (interview date).

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

QDS programming note for D1a: This requires a full response for month and year.

D1b. In what city were you interviewed?

_____ (City) ***[CITY_9]***

[7 = Refused, 8 = Don't know]

D1c. In what state were you interviewed?

_____ (State) ***[STATE_9]***

[7 = Refused, 8 = Don't know]

Interviewer instructions: If D1a [PARTIC] is during the 2014 data collection cycle, or "Refused to answer," go to Say box before D2; otherwise, skip to D2.

QDS programming note for Interviewer instructions after D1c: parameters for the 2014 data collection cycle are May 1, 2014 to I4 (interview date).

SAY: "We are only interviewing people who haven't already been interviewed during **2014** (2015). Thank you very much for your time." ***[DISCONTINUE INTERVIEW AND SKIP TO INTERVIEW COMPLETION.]***

QDS programming note for Say box after D1c: use 2014 if the year in I4 (date of interview) is 2014. Use 2015 if the year in I4 (date of interview) is 2015.

D2. Please tell me the month and year of your date of birth? ***[DOB_13]***

__ __/ __ __ __ __
(M M / Y Y Y Y)

[Month: 77 = Refused to answer, 88= Don't know;
Year: 7777 = Refused to answer, 8888 = Don't know]

Interviewer instructions: If D2 [DOB_13] is less than 18 years prior to January 1, 2014 skip to say box before D3. If D2 is "Refused to answer" or "Don't know," or if D2 is 18 years and 0-11 months prior to January 1, 2014 go to D2a; otherwise, skip to D3.

Inconsistency check: D2 [DOB_13] cannot be earlier than January 1, 1900 or later than the I4 (interview date).

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

QDS programming note for D2: This requires a full response for month and year. Use the 1st of the month to calculate age.

D2a. Were you at least 18 years old on January 1, 2014? ***[AGE_VER1]***

No ..... ☐ 0 → *Skip to Say box before D3*
Yes ..... ☐ 1 → *Skip to D3*
Refused to answer..... ☐ 7
Don't know ..... ☐ 8
} *Skip to Say box before D3*

SAY: "We are only interviewing people who were 18 years or older on January 1, 2014. Thank you very much for your time." ***[DISCONTINUE INTERVIEW AND SKIP TO INTERVIEW COMPLETION.]***

D3. What is the highest level of education you completed? ***[DON'T READ CHOICES. CHECK ONLY ONE.]*** ***[EDUC]***

Never attended school ..... ☐ 1
Grades 1 through 8 ..... ☐ 2
Grades 9 through 11 ..... ☐ 3
Grade 12 or GED..... ☐ 4
Some college, associate's degree, or technical degree ..... ☐ 5
Bachelor's degree..... ☐ 6
Any post–graduate studies ..... ☐ 7
Refused to answer..... ☐ 77
Don't know ..... ☐ 88

D4. Do you consider yourself to be of Hispanic, Latino/a, or Spanish origin? ***[HISPA_13]***

No ..... ☐ 0 → *Skip to D5*
Yes ..... ☐ 1
Refused to answer..... ☐ 7
Don't know ..... ☐ 8
} *Skip to D5*

D4a. Which of the following describes your Hispanic, Latino/a, or Spanish origin? You can choose more than one. ***[READ CHOICES. CHECK ALL THAT APPLY.]*** ***[HISN3]***

Mexican, Mexican American, or Chicano/a..... ☐ 1 ***[HISN3A]***
Puerto Rican..... ☐ 2 ***[HISN3B]***
Cuban ..... ☐ 3***[HISN3C]***
Another Hispanic, Latino/a, or Spanish origin..... ☐ 4***[HISN3D]***
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

D5. Which racial group or groups do you consider yourself to be in? You may choose more than one option. ***[READ CHOICES. CHECK ALL THAT APPLY.]*** ***[RACE_9]***

American Indian or Alaska Native ..... ☐ 1 ***[RACE_9A]***
Asian ..... ☐ 2 ***[RACE_9B]***
Black or African American ..... ☐ 3 ***[RACE_9C]***
Native Hawaiian or Other Pacific Islander ..... ☐ 4 ***[RACE_9D]***
White ..... ☐ 5 ***[RACE_9E]***
Refused to answer ..... ☐ 77
Don't know ..... ☐ 88

D6. In what country or territory were you born? ***[DON'T READ CHOICES. CHECK ONLY ONE.]*** ***[CO_BORN]***

United States ..... ☐ 1
Puerto Rico ..... ☐ 2
Mexico ..... ☐ 3
Cuba ..... ☐ 4
Other ***(Specify: _____)*** ..... ☐ 5 ***[OTCTRY]***
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Skip to D7

Skip to D7

D6a. How many years have you been living in the United States? ***[US_YRS]***

___ ___ ___ years *[Years: 777 = Refused to answer, 888 = Don't know]*

Interviewer instructions: If years living in the U.S. are less than 1 year, enter "0."

Inconsistency check: D6a [US_YRS] must be ≤ the respondent's age at the date of the interview. Range 0–110.

D7. How well do you speak English? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[LANWL1N3]***

Very well ..... ☐ 1
Well ..... ☐ 2
Not well ..... ☐ 3
Not at all ..... ☐ 4
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

D8. Do you speak a language other than English at home? ***[LANWL2N3]***

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

No ..... ☐ 0 → *Skip to D9*
Yes ..... ☐ 1
Refused to answer..... ☐ 7
Don't know ..... ☐ 8 } *Skip to D9*

D8a. What is this language? ***[DON'T READ CHOICES. CHECK ONLY ONE.]*** ***[LANWL3N3]***

Spanish..... ☐ 1
French ..... ☐ 2
Chinese..... ☐ 3
German ..... ☐ 4
Tagalog ..... ☐ 5
Vietnamese ..... ☐ 6
Italian ..... ☐ 7
Korean..... ☐ 8
Russian ..... ☐ 9
Polish ..... ☐ 10
Other ***(Specify: _____)*** ..... ☐ 11 ***[LANN3_OS]***
Refused to answer..... ☐ 77
Don't know ..... ☐ 88

D9. What was your sex at birth? ***[READ CHOICES EXCEPT "Intersex/ambiguous." CHECK ONLY ONE.]*** ***[BIRTGEN]***

Male ..... ☐ 1
Female..... ☐ 2
Intersex/ambiguous ..... ☐ 3
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

D10. Do you consider yourself to be male, female, or transgender? ***[CHECK ONLY ONE.]*** ***[GENDER]***

Male ..... ☐ 1
Female..... ☐ 2
Transgender ..... ☐ 3
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

D11. Do you think of yourself as: ***[READ CHOICES. CHECK ONLY ONE.]*** ***[SEXORI8]***

Homosexual, gay, or lesbian ..... ☐ 1
Heterosexual or straight ..... ☐ 2
Bisexual ..... ☐ 3

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

SAY: "Now I'm going to ask you some questions about the **past 12 months**. We will use the calendar to refer to the past 12 months. That is from last year (***DATE WITH PREVIOUS YEAR***) to now (***INTERVIEW DATE***)."

QDS programming note for Say box before D12: The QDS program should enter the appropriate dates. EXAMPLE: If IDATE is 11/11/2014 then the program should read "That is from last year, 11/11/2013 to now 11/11/2014."

D12.	During the **past 12 months**, have you	**No** (0)	**Yes** (1)	**Refused** (7)	**Don't know** (8)
D12a.	…lived on the street? ***[HOMEL_9A]***	☐ 0	☐ 1	☐ 7	☐ 8
D12b.	…lived in a shelter? ***[HOMEL_9B]***	☐ 0	☐ 1	☐ 7	☐ 8
D12c.	…lived in a Single Room Occupancy (SRO) hotel? ***[HOMEL_9C]***	☐ 0	☐ 1	☐ 7	☐ 8
D12d.	…lived in a car? ***[HOMEL_9D]***	☐ 0	☐ 1	☐ 7	☐ 8

D13. During the **past 12 months,** have you been arrested and put in jail, detention, or prison for longer than 24 hours? ***[JAIL]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

D14. During the **past 12 months**, have you had any kind of health insurance or health coverage? This includes Medicaid and Medicare. ***[HTHINS_9]***

No ..... ☐ 0 → ***Skip to Say box before D17***
Yes ..... ☐ 1
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

} ***Skip to Say box before D17***

D15. During the **past 12 months,** what were all the kinds of health insurance or health coverage you had? Please tell me about each of these kinds of insurance.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

		No (0)	Yes (1)	Refused to answer (7)	Don't know (8)
D15a.	Private health insurance *[KINDA_3]*	☐	☐	☐	☐
D15b.	Medicaid *[KINDB_3]*	☐	☐	☐	☐
D15c.	Medicare *[KINDC_3]*	☐	☐	☐	☐
D15d.	Ryan White *[KINDD_3]*	☐	☐	☐	☐
D15e.	ADAP *[KINDE_3]*	☐	☐	☐	☐
D15f.	Tricare or CHAMPUS *[KINDF_3]*	☐	☐	☐	☐
D15g.	Veterans Administration coverage *[KINDG_3]*	☐	☐	☐	☐
D15h.	City, county, state or other publicly funded insurance *[KINDH_N3]*	☐	☐	☐	☐
D15i.	Other insurance *[KINDI_3]* ***(Specify:_____)*** *[KII_3OS]*	☐	☐	☐	☐

Inconsistency check: If D14 is "yes" at least one of D15a-D15i must be "yes."

QDS programming note for D15 series: If D14 is "yes" and none of D15a-D15i is "yes," display note to interviewer: "Interviewer: Respondent reported health insurance or coverage in past 12 months but did not answer "yes" to any type. Confirm response to D14 and repeat D15a-D15i if D14 remains "yes."

D16. During the **past 12 months,** was there a time that you didn't have any health insurance or health coverage? *[INS12_9]*

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

SAY: "For the next question, please choose the answer that best describes your current status AFTER I have read all the choices."

D17. Are you currently…? ***[READ CHOICES. CHECK ONLY ONE.]*** *[WORK_N3]*

Employed for wages ..... ☐ 1

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Self-employed ..... ☐ 2
Out of work for more than 1 year ..... ☐ 3
Out of work for less than 1 year ..... ☐ 4
A Homemaker ..... ☐ 5
A Student ..... ☐ 6
Retired ..... ☐ 7
Or unable to work ..... ☐ 8
Refused ..... ☐ 77

D18. During the **past 12 months**, where did most of your money or financial support come from? ***[DON'T READ CHOICES. CHECK ONLY ONE.]*** ***[SRC_IN_9]***

Salary or wages ..... ☐ 1
Savings or investments ..... ☐ 2
Pension or retirement fund ..... ☐ 3

Supplemental Security Income (SSI) or Social Security Disability Insurance (SSDI) ..... ☐ 4
Other public assistance (e.g., "welfare") ..... ☐ 5
Family, partner, or friend(s) ..... ☐ 6
Illegal or possibly illegal activities ..... ☐ 7
No income or financial support ..... ☐ 8 ⟹ ***Skip to Say box before A1***
Other ***(Specify:_____)*** ☐ 9 ***[SOIN_9OS]***
Refused to answer ..... ☐ 77
Don't know ..... ☐ 88

Programming note for Say box before D19 and D19a and D19b: use the calendar year prior to interview year. EXAMPLE: If interview date is 12–01–14, ask about 2013.

SAY: "Now I would like to ask you some questions about **2013** (2014). That is January 1st, 2013 (2014) to December 31st, 2013 (2014). For this next question, we will use **Response Card A** and the **calendar**."

D19. In **2013** (2014)**,** what was your combined **monthly** or **yearly** household income from all sources before taxes? When I say "combined household income," I mean the total amount of money from all people living in the household. ***[DON'T READ CHOICES. CHECK ONLY ONE.]***

SAY: "Please take a look at **Response Card A** and tell me the letter that corresponds to either your monthly or yearly household income before taxes."

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

D19a. ***Interviewer question***: Does the respondent report the income as monthly? [***MONTHLY***]

Yes ..... ☐ 1

No ..... ☐ 2

Monthly Income *[MTH_IN_3]*

a. $0 to $416
b. $417 to $833
c. $834 to $1041
d. $1042 to $1249
e. $1250 to $1666
f. $1667 to $2083
g. $2084 to $2499
h. $2500 to $2916
i. $2917 to $3333
j. $3334 to $4166
k. $4167 to $4999
l. $5000 to $6249
m. $6250 or more
77 Refused to answer
88 Don't know

Yearly Income *[YR_IN_3]*

n. $0 to $4,999
o. $5,000 to $9,999
p. $10,000 to $12,499
q. $12,500 to $14,999
r. $15,000 to $19,999
s. $20,000 to $24,999
t. $25,000 to $29,999
u. $30,000 to $34,999
v. $35,000 to $39,999
w. $40,000 to $49,999
x. $50,000 to $59,999
y. $60,000 to $74,999
z. $75,000 or more
77 Refused to answer
88 Don't know

D19a. Including you, how many people depended on this income in **2013** (2014)? ***[DEPND_IN]***

___ ___ *[77 = Refused to answer, 88 = Don't know]*

Inconsistency check: D19a must be ≥ 1 and < 50.

Interviewer instructions: If D19a is >1, go to D19b; otherwise, skip to say box before A1.

D19b. Of the people who depended on this income in **2013** (2014), how many were less than 18 years old? ***[DEPND_N3]***

___ ___ *[77 = Refused to answer, 88 = Don't know]*

Inconsistency check: D19b must be < D19a (unless D19b is skipped).

QDS programming note for inconsistency check after D19b: If D19b >= D19a, display note to interviewer: "The number of people under 18 who depended on your income in 2013 (2014) must be less than the total number of people who depended on your income in 2013 (2014)." Do not allow the program to advance.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Access to Care (A)

HIV Testing and Care Experiences

SAY: *"*Now I'm going to ask you some questions about getting tested for HIV."

A1. What month and year did you **first** test positive for HIV? Tell me when you got your result, not when you got your test. ***[POS1S_9]***

__ __/ __ __ __ __
(M M / Y Y Y Y)

[Month: 77 = Refused to answer, 88= Don't know;
Year: 7777 = Refused to answer, 8888 = Don't know]

Inconsistency check**: **A1 (date first tested positive for HIV) cannot be earlier than D2** [DOB_13]. **If A1 is earlier than March 1985 or later than April 30, 2014, the PDP end date, confirm response.

QDS programming note for inconsistency check after A1: If A1 is earlier than D2 [DOB_13], display message: "The date first tested positive for HIV cannot be earlier than respondent's date of birth. Please re-enter date." Then, loop back to A1. If A1 is earlier than 03/1985, display note to the interviewer: "The date entered is earlier than 03/1985 (date of first FDA-approved HIV test). Confirm date of HIV test. Go back to previous question to confirm date." Program should move forward regardless of date. Allow a blank response for month. If A1 is later than April 30, 2014, display note to interviewers: "The date entered is after 04/30/2014 (PDP end date). Go back to previous question to confirm date of HIV test." The program will then go to the Say box before A2.

Interviewer instructions: If A1 (date first tested positive for HIV) is after April 30, 2014, go to the Say box before A2. If A1 is "Refused to answer" or "Don't know," skip to A7. If A1 (date first tested positive for HIV) is within 12 months of I4 (interview date), go to A2; otherwise skip to instructions before A3.

SAY: "We are only interviewing people who tested positive for HIV before **April 30, 2014.** Thank you very much for your time." ***[DISCONTINUE INTERVIEW AND SKIP TO INTERVIEW COMPLETION.]***

A2. Before your positive test in __ __ /__ __ __ __ ***[INSERT DATE FROM A1]***, did you ever have a negative HIV test? ***[HIVBEF_9]***

No ..... ☐ 0 ⟹ *Skip to interviewer instructions before A3*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Skip to interviewer instructions before A3

QDS programming note for A2: Insert date from A1 in question.

A2a. What month and year did you get your most recent negative HIV test? Tell me when you got your result, not when you got your test. ***[LASTN_9]***

__ __/ __ __ __ __
(M M / Y Y Y Y)

[Month: 77 = Refused to answer, 88= Don't know;
Year: 7777 = Refused to answer, 8888 = Don't know]

***Inconsistency check**: A2a (date of the most recent negative HIV test) cannot be earlier than D2 (respondent's date of birth) or later than A1 (date first tested positive for HIV). If A2a is earlier than March 1985, confirm response.*

QDS programming note for inconsistency check after A2a: If A2a is earlier than 03/1985, display note to interviewer: "The date entered is earlier than 03/1985 (date of first FDA-approved HIV test). Confirm date of HIV test." Program should move forward regardless of date. Allow a blank response for month.

Interviewer instructions: If A1 (date first tested positive for HIV) is less than 5 years earlier than April 30, 2014, go to A3; otherwise skip to A7.

A3. When you tested positive in __ __ /__ __ __ __ ***[INSERT DATE FROM A1]***, at what type of facility were you tested? ***[DON'T READ CHOICES. CHECK ONLY ONE.]*** ***[TESLOC_9]***

Private doctor's office ..... ☐ 1
Primary care clinic or community health center ..... ☐ 2
Health department ..... ☐ 3
Labor/delivery setting ..... ☐ 4
OB-GYN or family planning clinic ..... ☐ 5
Emergency room ..... ☐ 6
Inpatient hospital (**not** labor/delivery or emergency room) . ☐ 7
HIV counseling and testing site ..... ☐ 8
STD clinic ..... ☐ 9
HIV/AIDS infectious disease clinic ..... ☐ 10
Mobile test site ..... ☐ 11
Correctional facility ..... ☐ 12

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Blood donation facility ..... ☐ 13
Substance abuse treatment center ..... ☐ 14
Insurance or employee clinic ..... ☐ 15
Military or VA facility ..... ☐ 16
Other ***(Specify:_____)***... ☐ 17 ***[TESL9_OS]***
Refused to answer ..... ☐ 77
Don't know ..... ☐ 88

Inconsistency check*: *Confirm response if A3 (testing location) is "labor/delivery setting" or "OB-GYN or family planning clinic" and [BIRTGEN] is "male".

QDS programming note for A3: Insert date in question. If A3 is "labor/delivery setting" or "OB-GYN or family planning clinic" and ***[BIRTGEN]*** is "male," display the following message: "Respondent said he was first tested in a labor/delivery setting or OB-GYN or family planning clinic. Confirm response." Allow the program to advance.

A4. When you tested positive in __ __ /__ __ __ __ ***[INSERT DATE FROM A1]***, what was the main reason you were tested? ***[DON'T READ CHOICES. CHECK ONLY ONE.]*** ***[MRTEST_9]***

Concerned about exposure through sexual contact ..... ☐ 1
Concerned about exposure through IDU ..... ☐ 2
Part of STD screening or due to STD diagnosis ..... ☐ 3
Due to other illness (not STD) ..... ☐ 4
Due to pregnancy ..... ☐ 5
Personal initiative to routinely test ..... ☐ 6
Provider recommendation as part of routine care ..... ☐ 7
Health department partner notification (PCRS) ..... ☐ 8
Before blood donation ..... ☐ 9
Needle stick follow-up or occupational exposure ..... ☐ 10
Requirement (military, court order, or insurance). ..... ☐ 11
Other ***(Specify:_____)*** ☐ 12 ***[MRTE_9OS]***
Refused to answer ..... ☐ 77
Don't know ..... ☐ 88

QDS programming note for A4: Insert date from A1 in question.

Inconsistency check*: *A4 (main reason tested) cannot be "due to pregnancy" if [BIRTGEN] is "male".

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

QDS programming note for inconsistency check after A4: If *[BIRTGEN]* is "male" and response to A4 is "due to pregnancy," display note to interviewer: "Main reason tested cannot be due to pregnancy if respondent was born male." Do not allow the program to advance.

A5. **After** you tested positive in __ __/__ __ __ __ ***[INSERT DATE FROM A1]***, did someone from the health department or a health care provider offer to tell or help you tell your sex or drug use partners that they may have been exposed to HIV? ***[PARTNO_9]***

No ..... ☐ 0 → *Skip to Say box before A6*
Yes ..... ☐ 1
Not applicable ..... ☐ 6
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Skip to Say box before A6

SAY: "For this next question, please use **Response Card B.**"

A5a. What was your response when someone from the health department or a health care provider offered to tell or help you tell your sex or drug use partners? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[RESNOT_9]***

I asked them not to tell any of my partners ..... ☐ 1
I asked them to tell only some of my partners ..... ☐ 2 → ***Skip to A5c***
I asked them to tell all of my partners ..... ☐ 3
I told them that I didn't have any partners ..... ☐ 4
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Skip to Say box before A6

A5b. What was the main reason you asked someone from the health department or a health care provider not to tell any of your partners? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[NOPAR_10]***

Didn't know partners' contact information ..... ☐ 1
Was afraid of what partners would do ..... ☐ 2
Didn't trust health department/provider to tell partners ..... ☐ 3
Was afraid partners would find out who may have infected them ..... ☐ 4
Wanted to tell partners personally ..... ☐ 5
Partners are HIV positive ..... ☐ 6
Other ***(Specify:_____ _____)*** ☐ 8 ***[NOP_10OS]***
Refused to answer ..... ☐ 77
Don't know ..... ☐ 88

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Interviewer instructions: Skip to Say box before A6.

A5c. What was the main reason you asked someone from the health department or a health care provider to tell only some of your partners? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[NOSOM_10]***

Didn't know some partners' contact information ..... ☐ 1
Was afraid of what some of his or her partners would do.... ☐ 2
Didn't trust health department/provider to tell some partners ..... ☐ 3

Was afraid some partners would find out who may have infected them ..... ☐ 4
Wanted to tell some partners personally ..... ☐ 5
Some partners are HIV positive ..... ☐ 6
Other ***(Specify:_____)*** ☐ 8 ***[NOS_10OS]***
Refused to answer ..... ☐ 77
Don't know ..... ☐ 88

SAY: "Now I'm going to ask you about HIV medical care. When I say 'HIV medical care,' I mean physical exams, prescriptions for HIV medicines, or lab tests such as HIV viral load and CD4 testing."

A6. Since testing positive for HIV, what month and year did you **first** visit a doctor, nurse, or other health care worker for HIV medical care? ***[CARE_9]***

__ __/ __ __ __ __
(M M / Y Y Y Y)

[Month: 77 = Refused to answer, 88= Don't know;
Year: 7777 = Refused to answer, 8888 = Don't know]

Inconsistency check: Confirm response if A6 (date first went to provider for HIV care) is earlier than the A1 (date first tested positive for HIV) or earlier than [DOB_13] (date of birth) or later than April 30, 2014, the PDP end date.

QDS programming note for inconsistency check after A6: If A6 is earlier than A1, display note to interviewer: "The date entered is earlier than the date first tested positive for HIV. Go back to previous question to confirm date." Allow the program to advance. If A6 is later than 04/30/2014, display a note to the interviewer: "The date entered is later than April 30, 2014 (PDP end date). Go back to previous question to confirm date." Allow the program to advance. Allow a blank response for month. If A6 date earlier than respondent's ***[DOB_13] (date of birth)***

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

display a note to the interviewer: "The date entered is earlier than respondent's date of birth. Go back to previous question to confirm date."

Interviewer instructions: If A6 (date first went to provider for HIV care) is > 3 months after A1 (date first tested positive for HIV), go to A6a; otherwise, skip to A7. If A6 is "Refused to answer" or "Don't know," skip to A7.

A6a. What was the main reason you didn't go to a doctor, nurse, or other health care worker for HIV medical care **within 3 months** of testing positive for HIV? ***[DON'T READ CHOICES. CHECK ONLY ONE.]*** ***[MRNOCA_9]***

Felt good ..... ☐ 1
Initial CD4 count and viral load were good..... ☐ 2
Didn't believe test result..... ☐ 3
Didn't want to think about being HIV positive ..... ☐ 4
Didn't have enough money or health insurance ..... ☐ 5
Had other responsibilities such as child care or work ..... ☐ 6
Experienced homelessness ..... ☐ 7
Was drinking or using drugs..... ☐ 8
Felt sick..... ☐ 9
Forgot to go..... ☐ 10
Missed appointment(s) ..... ☐ 11
Moved or out of town..... ☐ 12
Unable to get transportation ..... ☐ 13
Facility is inconvenient (location, facility hours, wait-time).. ☐ 14
Didn't know where to go ..... ☐ 15
Couldn't find the right HIV health care provider ..... ☐ 16
Unable to get earlier appointment ..... ☐ 17
Unaware of recommendation to enter care within 3 months ☐ 18
Other ***(Specify:***_____) ..... ☐ 19 ***[MRNO_9OS]***
Refused to answer ..... ☐ 77
Don't know..... ☐ 88

A7. When was your **most recent** visit to a doctor, nurse, or other health care worker for HIV medical care? Please tell me the month and year. ***[LASCA_9]***

__ __/ __ __ __ __
(M M / Y Y Y Y)

[Month: 77 = Refused to answer, 88= Don't know;
Year: 7777 = Refused to answer, 8888 = Don't know]

QDS programming note for A7: Allow a blank response for month.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Inconsistency check: A7 (date of most recent visit to a provider for HIV care) cannot be earlier than A6 (date first visit to a provider for HIV care), earlier than D2 (date of birth) or later than I4 (interview date).

QDS programming note for inconsistency check after A7: If A7 is earlier than D2, display note to interviewer: "The date of the most recent visit to a provider for HIV care cannot be earlier than respondent's date of birth. Please re-enter date." Go back to A7.

Interviewer instructions: If A7 (date of most recent visit to a provider for HIV care) is > 6 months prior to I4 (interview date), go to A7a; otherwise, skip to Say box before A8. If A7 is "Refused to answer" or "Don't know," skip to Say box before A8.

SAY: "For this next question we will use the calendar to refer to the past 6 months."

A7a. What was the main reason you didn't visit a doctor, nurse, or other health care worker for HIV medical care during the **past 6 months**? ***[DON'T READ CHOICES. CHECK ONLY ONE.]*** ***[MRNOC_10]***

- Felt good ..... ☐ 1
- CD4 count and viral load were good ..... ☐ 2
- Didn't believe test result ..... ☐ 3
- Didn't want to think about being HIV positive ..... ☐ 4
- Didn't have enough money or health insurance ..... ☐ 5
- Had other responsibilities such as child care or work ..... ☐ 6
- Experienced homelessness ..... ☐ 7
- Was drinking or using drugs ..... ☐ 8
- Felt sick ..... ☐ 9
- Forgot to go ..... ☐ 10
- Missed appointment(s) ..... ☐ 11
- Moved or out of town ..... ☐ 12
- Unable to get transportation ..... ☐ 13
- Facility is inconvenient (location, facility hours, wait-time) ..... ☐ 14
- Didn't know where to go ..... ☐ 15
- Couldn't find the right HIV health care provider ..... ☐ 16
- Unable to get earlier appointment ..... ☐ 17
- Other ***(Specify:***_____) ..... ☐ 18 ***[MRN_10OS]***
- Refused to answer ..... ☐ 77
- Don't know ..... ☐ 88

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Sources of Care

SAY: "Now I'm going to ask you about the places where you get HIV outpatient medical care. By HIV outpatient medical care I mean care not in an emergency room, urgent care center, or while staying overnight in the hospital. If you don't remember everything, that's okay. Tell me what you remember."

A8. During the **past 12 months**, was there one usual place, like a doctor's office or clinic, where you went for most of your HIV medical care? ***[PLCARE_9]***

No ..... ☐ 0
Yes ..... ☐ 1 → ***Skip to A9***
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

} ***Skip to Say box before A10a***

A8a. What was the main reason you didn't have a usual place to get HIV medical care during the **past 12 months**? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[UC_RS_10]***

Couldn't afford a usual source of HIV care ..... ☐ 1
Didn't know where to find a usual source of HIV care ..... ☐ 2
Couldn't get regular appointments anywhere ..... ☐ 3
It wasn't available in the area ..... ☐ 4
Didn't think it was necessary ..... ☐ 5

Thought it was necessary, but never tried to get a usual source of care ..... ☐ 6
Other ***(Specify:_____)*** ☐ 7 ***[UC_R10OS]***
Refused to answer ..... ☐ 77
Don't know ..... ☐ 88

Interviewer instructions: Skip to Say box before A10a.

A9. Do you have a person you think of as *your* HIV doctor, nurse, or other healthcare provider? ***[YRHIVN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

SAY: "For the next two questions, tell me how strongly you agree or disagree with the following statements about your HIV medical care."

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

A10a. The HIV medical care you have been receiving is just about perfect. ***[READ CHOICES. CHECK ONLY ONE.]*** *[GESAT1N3]*

Strongly agree ..... ☐ 1
Agree ..... ☐ 2
Uncertain ..... ☐ 3
Disagree ..... ☐ 4
Strongly disagree ..... ☐ 5
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

A10b. You are dissatisfied with some things about the HIV medical care you receive. ***[READ CHOICES. CHECK ONLY ONE.]*** *[GESAT2N3]*

Strongly agree ..... ☐ 1
Agree ..... ☐ 2
Uncertain ..... ☐ 3
Disagree ..... ☐ 4
Strongly disagree ..... ☐ 5
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Interviewer instructions: If [PLCARE_9] (usual source of care) is "No," then skip to A14.

A11. What is the name of your usual place of HIV medical care?

Interviewer instructions: The name of the usual place of care is not recorded in QDS but will be used in later questions.

Interviewer instructions: The name of the usual place of care is not recorded in QDS but will be used in later questions. Please answer the following question based on the respondent's usual place of care.

A11a. ***Is the respondent's usual place of care the same as the sampled facility?*** *[USCSFN3]*

No ..... ☐ 0
Yes ..... ☐ 1

A12. In the past 12 months, between ***[ONE YEAR PRIOR TO INTERVIEW DATE (IDATE)]*** and today, how many times did you go to your HIV doctor or other care provider at ***[INSERT USUAL SOURCE OF CARE FACILITY NAME]*** for any sort of care? ***[TIMCR_13]***

___ ___ ___ *[777 = Refused to answer, 888 = Don't know]*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Inconsistency check*: *The number of visits in A12 must be between 0 and 365.

A13. About how many minutes does it usually take you to get to ***[INSERT USUAL SOURCE OF CARE FACILITY NAME]***? ***[MIN_TRVL]***

___ ___ ___ *[777 = Refused to answer, 888 = Don't know]*

Inconsistency check*: *The number of minutes in A13 must be between 0 and 776.

A14. Between ***[INSERT PDP START DATE]*** and ***[INSERT PDP END DATE],*** at how many facilities besides ***[INSERT NAME OF SAMPLED FACILITY]*** have you received HIV medical care? ***[MLTFACN3]***

___ ___ ___ *[777 = Refused to answer, 888 = Don't know]*

Interviewer instructions: A different clinic in the same hospital would be considered a different facility if different on the sampling frame.

Inconsistency check*: *The number of facilities in A14 must be between 0 and 99.

SAY: "Now I'm going to ask you about general medical care. When I say, 'general medical care,' I mean care for any sort of general medical problem besides your HIV."

A15. During the **past 12 months**, was there one usual place, like a doctor's office or clinic, where you went for most of your general medical care? ***[OCAREL_9]***

No ..... ☐ 0 → *Skip to A16*
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8 } *Skip to A16*

A15a. Was your usual place of general medical care the same as your usual place of HIV medical care? ***[OCAEQN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

A16. During the **past 12 months**, how many times did you go to an emergency room or urgent care center for HIV medical care? ***[ERU_VI_9]***

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

___ ___ *[77 = Refused to answer, 88 = Don't know]*

***Inconsistency check*: A16 must be ≤ 76.**

A17. During the **past 12 months**, how many times were you admitted to a hospital because of an HIV-related illness? Please don't include visits that were made only to the emergency room. ***[HOSP]***

___ ___ *[77 = Refused to answer, 88 = Don't know]*

Interviewer instructions: If A17 (times admitted to a hospital) is "0", "Refused to answer," or "Don't know," skip to A18.

Inconsistency check: A17 (times admitted to a hospital) must be ≤ 76.

A17a. During the **past 12 months**, how many days total did you spend in a hospital because of an HIV-related illness? ***[HOSPDAY]***

___ ___ *[77=Refused to answer, 88=Don't know]*

Inconsistency check: A17a cannot be "0" and must be ≤ 365.

A18. During the **past 12 months**, were you enrolled in an inpatient mental health facility? ***[ADMENH_9]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

A19. During the **past 12 months**, were you enrolled in an inpatient drug or alcohol treatment facility? ***[ADDRAL_9]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Met and Unmet Needs

SAY: "For the next set of questions, I'm going to ask about services you used or needed during the **past 12 months**, (That is, from last year, (***DATE WITH PREVIOUS YEAR***) to now (***INTERVIEW DATE***)." First I'll ask whether you received the service; then I'll ask whether you needed this service. If you weren't able to get this service, I'll ask you the main reason you weren't able to get it. These questions might sound similar, but I need to ask you all of the questions."

QDS programming note for Say box before met and unmet need questions: The QDS program should enter the appropriate dates. EXAMPLE: If IDATE is 11/11/2014 then the program should read "That is from last year, 11/11/2013 to now 11/11/2014."

Interviewer instructions: If response to A20a is "No," "Refused to answer," or "Don't know," go to A20b; otherwise, skip to A21a. If response to A20b is "Yes," go to A20c; otherwise, skip to A21a. Follow the same pattern for A20–A38.

		During the **past 12 months**, did you get: ***CODE:*** ***No = 0,*** ***Yes = 1, Refused to answer = 7,*** ***Don't know = 8***	***IF "No," "Refused to answer," or "Don't know," IN A20a–A38a ASK:*** During the **past 12 months**, have you needed: ***CODE:*** ***No = 0,*** ***Yes = 1, Refused to answer = 7,*** ***Don't know = 8***	***IF "Yes" IN A20b–A38b ASK:*** What was the main reason you haven't been able to get this service during the **past 12 months**? ***CODE:*** ***SEE CODE LIST BELOW FOR RESPONSES.*** ***[DON'T READ CHOICES. CHECK ONLY ONE.]***
A20.	HIV case management services?	a. [_____] ***[HIVC12_9]***	b. [_____] ***[HIVCMS_9]***	c. [_____] ***[HIVCRS_9]*** Other ***(Specify:_____)*** ***[HIVC_9OS]***
A21.	Counseling about how to prevent the spread of HIV?	a. [_____] ***[HIVE12_9]***	b. [_____] ***[HIVEDU_9]***	c. [_____] ***[HIVERS_9]*** Other ***(Specify:_____)*** ***[HIVE_9OS]***

Interviewer instructions: If applicable, use the state program name for ADAP when asking A22 (medicine through ADAP).

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		During the **past 12 months**, did you get: ***CODE:*** ***No = 0,*** ***Yes = 1, Refused to answer = 7,*** ***Don't know = 8***	***IF "No," "Refused to answer," or "Don't know," IN A20a–A38a ASK:*** During the **past 12 months**, have you needed: ***CODE:*** ***No = 0,*** ***Yes = 1, Refused to answer = 7,*** ***Don't know = 8***	***IF "Yes" IN A20b–A38b ASK:*** What was the main reason you haven't been able to get this service during the **past 12 months**? ***CODE:*** ***SEE CODE LIST BELOW FOR RESPONSES.*** ***[DON'T READ CHOICES. CHECK ONLY ONE.]***
A22.	Medicine through the AIDS Drug Assistance Program (ADAP)?	a. [_____] ***[GET_ADAP]***	b. [_____] ***[NED_ADAP]***	c. [_____] ***[RS_ADAP]*** Other ***(Specify:_____)*** ***[RS_A_9OS]***
A23.	Professional help remembering to take your HIV medicines on time or correctly?	a. [_____] ***[ASS12_9]***	b. [_____] ***[ASS_9]***	c. [_____] ***[ASSRS_9]*** Other ***(Specify:_____)*** ***[ASSR_9OS]***
A24.	HIV peer group support?	a. [_____] ***[GET_GRP]***	b. [_____] ***[NED_GRP]***	c. [_____] ***[RS_GRP]*** Other ***(Specify:_____)*** ***[RS_G_9OS]***
A25.	Dental care?	a. [_____] ***[DENS12_9]***	b. [_____] ***[DENSER_9]***	c. [_____] ***[DENSRS_9]*** Other ***(Specify:_____)*** ***[DENS_9OS]***
A26.	Mental health services?	a. [_____] ***[MENC12_9]***	b. [_____] ***[MENCON_9]***	c. [_____] ***[MENCRS_9]*** Other ***(Specify:_____)*** ***[MENC_9OS]***
A27.	Drug or alcohol counseling or treatment?	a. [_____] ***[GET_SUBU]***	b. [_____] ***[NED_SUBU]***	c. [_____] ***[RS_SUBU]*** Other ***(Specify:_____)*** ***[RS_U_9OS]***

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		During the **past 12 months**, did you get: ***CODE:*** ***No = 0,*** ***Yes = 1, Refused to answer = 7,*** ***Don't know = 8***	***IF "No," "Refused to answer," or "Don't know," IN A20a–A38a ASK:*** During the **past 12 months**, have you needed: ***CODE:*** ***No = 0,*** ***Yes = 1, Refused to answer = 7,*** ***Don't know = 8***	***IF "Yes" IN A20b–A38b ASK:*** What was the main reason you haven't been able to get this service during the **past 12 months**? ***CODE:*** ***SEE CODE LIST BELOW FOR RESPONSES.*** ***[DON'T READ CHOICES. CHECK ONLY ONE.]***
A28.	Public benefits including Supplemental Security Income (SSI) or Social Security Disability Insurance (SSDI)?	a. [_____] ***[GET_SSDI]***	b. [_____] ***[NED_SSDI]***	c. [_____] ***[RS_SSDI]*** Other ***(Specify:_____)*** ***[RS_S_9OS]***
A29.	Domestic violence services?	a. [_____] ***[GET_DOMS]***	b. [_____] ***[NED_DOMS]***	c. [_____] ***[RS_DOMS]*** Other ***(Specify:_____)*** ***[RS_D_9OS]***
A30.	Shelter or housing services?	a. [_____] ***[SHLT12_9]***	b. [_____] ***[SHLTER_9]***	c. [_____] ***[SHLTRS_9]*** Other ***(Specify:_____)*** ***[SHLT_9OS]***
A31.	Meal or food services?	a. [_____] ***[MLSF12_9]***	b. [_____] ***[MLSFOD_9]***	c. [_____] ***[MLSFRS_9]*** Other ***(Specify:_____)*** ***[MLSF_9OS]***
A32.	Home health services?	a. [_____] ***[HHSA12_9]***	b. [_____] ***[HHSASS_9]***	c. [_____] ***[HHSARS_9]*** Other ***(Specify:_____)*** ***[HHSA_9OS]***
A33.	Transportation assistance?	a. [_____] ***[TRAS12_9]***	b. [_____] ***[TRASAS_9]***	c. [_____] ***[TRASRS_9]*** Other ***(Specify:_____)*** ***[TRAS_9OS]***
A34.	Childcare services?	a. [_____] ***[CHLD12_9]***	b. [_____] ***[CHLDCR_9]***	c. [_____] ***[CHLDRS_9]*** Other ***(Specify:_____)*** ***[CHLD_9OS]***

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		During the **past 12 months**, did you get: ***CODE:*** ***No = 0,*** ***Yes = 1, Refused to answer = 7,*** ***Don't know = 8***	***IF "No," "Refused to answer," or "Don't know," IN A20a–A38a ASK:*** During the **past 12 months**, have you needed: ***CODE:*** ***No = 0,*** ***Yes = 1, Refused to answer = 7,*** ***Don't know = 8***	***IF "Yes" IN A20b–A38b ASK:*** What was the main reason you haven't been able to get this service during the **past 12 months**? ***CODE:*** ***SEE CODE LIST BELOW FOR RESPONSES.*** ***[DON'T READ CHOICES. CHECK ONLY ONE.]***
A35.	Interpreter services?	a. [_____] ***[GET_INTS]***	b. [_____] ***[NED_INTS]***	c. [_____] ***[RS_INTS]*** Other ***(Specify:_____)*** ***[RS_I_9OS]***
A36.	Nutritional services?	a. [_____] ***[GET_NUTR]***	b. [_____] ***[NED_NUTR]***	c. [_____] ***[RS_NUTR]*** Other ***(Specify:_____)*** ***[RS_N10OS]***
A37.	Eye or vision services?	a. [_____] ***[GET_ICN3]***	b. [_____] ***[NED_ICN3]***	d. [_____] ***[RS_ICN3]*** Other ***(Specify:_____)*** ***[RS_IN3OS]***
A38.	A lawyer or legal services?	a. [_____] ***[GET_LAN3]***	b. [_____] ***[NED_LAN3]***	e. [_____] ***[RS_LAN3]*** Other ***(Specify:_____)*** ***[RS_LN3OS]***

Code list for A20c–A38c

1 Didn't know where to go or whom to call
2 In process of getting the service
3 Waiting list is too long
4 Service isn't available
5 Not eligible or denied services
6 Transportation problems
7 Service hours are inconvenient
8 Service costs too much/lack of insurance
9 Language barrier
10 Too sick to get service
11 Psychological barrier
12 Other (Specify:_____)
77 Refused to answer

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88 Don't know

SAY: "Now I'm going to ask you some questions about health information. For the first question we will use **Response Card C**."

A39. How often do you have problems learning about your medical condition because of difficulty understanding written information? ***[READ CHOICES. CHOOSE ONLY ONE]*** ***[HLUW_12]***

Always ..... ☐ 1
Often ..... ☐ 2
Sometimes ..... ☐ 3
Occasionally ..... ☐ 4
Never ..... ☐ 5
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

SAY: "Now we will use **Response Card D**."

A40. How confident are you filling out medical forms by yourself? ***[READ CHOICES. CHOOSE ONLY ONE.]*** ***[HLMF_12]***

Extremely ..... ☐ 1
Quite a bit ..... ☐ 2
Somewhat ..... ☐ 3
A little bit ..... ☐ 4
Not at all ..... ☐ 5
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

SAY: "For this next question we will use **Response Card E**."

A41. How often do you have someone help you read hospital materials? ***[READ CHOICES. CHOOSE ONLY ONE]*** ***[HLHM_12]***

Never ..... ☐ 1
Occasionally ..... ☐ 2
Sometimes ..... ☐ 3
Often ..... ☐ 4
Always ..... ☐ 5
Not applicable ..... ☐ 6
Refused to answer ..... ☐ 7

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Don’t know ..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Stigma and Discrimination (R)

SAY: "Next I would like to read you a few statements that some people living with HIV have said they sometimes feel. We are asking you these questions to better understand how often people living with HIV experience these negative feelings. These statements are not things that I or anyone in this project thinks about people with HIV. These statements may be uncomfortable for you to answer. Please remember that you do not have to answer any question you don't want to. For each statement that I read, please tell me whether you disagree or agree."

		Disagree (0)	**Agree** (1)	Refused to answer (7)	Don't know (8)
R1a.	It is difficult to tell people about my HIV infection ***[STIGMA1A]***	☐	☐	☐	☐
R1b.	Being HIV positive makes me feel dirty ***[STIGMA1B]***	☐	☐	☐	☐
R1c.	I feel guilty that I am HIV positive ***[STIGMA1C]***	☐	☐	☐	☐
R1d.	I am ashamed that I am HIV positive ***[STIGMA1D]***	☐	☐	☐	☐
R1e.	I sometimes feel worthless because I am HIV positive ***[STIGMA1E]***	☐	☐	☐	☐
R1f.	I hide my HIV status from others ***[STIGMA1F]***	☐	☐	☐	☐

	People with HIV sometimes sense discrimination from health care providers in different ways. Has anyone in the health care system done any of the following to you **since testing positive for HIV**?	**No** (0)	**Yes** (1)	Refused to answer (7)	Don't know (8)
R2a.	Exhibited hostility or a lack of respect toward you? ***[STIGMA2A]***	☐	☐	☐	☐
R2b.	Given you less attention than other patients? ***[STIGMA2B]***	☐	☐	☐	☐
R2c.	Refused you service? ***[STIGMA2C]***	☐	☐	☐	☐

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Interviewer instructions: If any of the responses in R2a–R2c is "yes," go to R3. Otherwise, skip to Say box before T1.

R3.	Did the discrimination occur because of	**No** (0)	**Yes** (1)	**Refused to answer** (7)	**Don't know** (8)
R3a.	…your HIV infection? ***[STIGMA3A]***	☐	☐	☐	☐
R3b.	…your gender? ***[STIGMA3B]***	☐	☐	☐	☐
R3c.	…your sexual orientation and practices? ***[STIGMA3C]***	☐	☐	☐	☐
R3d.	…your race or ethnicity? ***[STIGMA3D]***	☐	☐	☐	☐
R3e.	your drug injecting habit? ***[STIGMA3E]***	☐	☐	☐	☐

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

HIV Treatment and Adherence (T)

***SAY*:** "Now I'm going to ask some questions about medicines that you are taking for your HIV. These medicines are called antiretroviral medicines, also known as ART, HAART, or the AIDS cocktail."

T1. Have you **ever** taken any antiretroviral medicines for your HIV? ***[ANTIRE_9]***

No..... ☐ 0
Yes..... ☐ 1 ⟹ ***Skip to T3***
Refused to answer..... ☐ 7
Don't know..... ☐ 8 } ***Skip to T18***

T2. What is the main reason you have **never** taken any antiretroviral medicines? ***[DON'T READ CHOICES. CHECK ONLY ONE.]*** ***[NANTRE_9]***

Doctor advised to delay treatment..... ☐ 1
Participant believed he/she didn't need medications because felt healthy or believed HIV laboratory results were good . ☐ 2
Due to side effects of medication..... ☐ 3
Felt depressed or overwhelmed..... ☐ 4
Didn't want to think about being HIV positive ..... ☐ 5
Worried about ability to adhere..... ☐ 6
Drinking or using drugs..... ☐ 7
Money or insurance issues ..... ☐ 8
Homeless..... ☐ 9
Taking alternative or complementary medicines..... ☐ 10
Other ***(Specify:***_____) ..... ☐ 11 ***[NANT_9OS]***
Refused to answer ..... ☐ 77
Don't know..... ☐ 88

Interviewer instructions: Skip to T18.

T3. When was the first time you **ever** took any antiretroviral medicines for your HIV? Please tell me the month and year. ***[FSTMY_9]***

__ __/ __ __ __ __
(M M / Y Y Y Y)

[Month: 77 = Refused to answer, 88= Don't know;
Year: 7777 = Refused to answer, 8888 = Don't know]

Inconsistency checks*: *Confirm response if T3 (date first time took ART) is earlier than A6 (date

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first went to a provider for HIV care). Confirm response if T3 is earlier than A1 (date tested positive for HIV). T3 cannot be later than I4 (interview date).

QDS programming note for T3: If T3 is earlier than A6, display note to interviewer: "Date entered is earlier than the date first went to a provider for HIV care. Confirm response." Allow program to advance. Allow a blank response for month. If T3 is earlier than A1, display a message to the interviewer saying, "Date entered is earlier than date first tested positive for HIV. Confirm response." Allow the program to advance.

T4. Are you **currently** taking any antiretroviral medicines for your HIV? ***[CURME_9]***

No ..... ☐ 0
Yes ..... ☐ 1 → *Skip to Say box before T5*
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8 } *Skip to T14*

T4a. What is the main reason you aren't **currently** taking any antiretroviral medicines? ***[DON'T READ CHOICES. CHECK ONLY ONE.]*** ***[NMANT8_9]***

Doctor advised to delay or stop treatment ..... ☐ 1
Participant believed he/she didn't need medications because felt healthy or believed HIV laboratory results were good . ☐ 2
Due to side effects of medications ..... ☐ 3
Felt depressed or overwhelmed ..... ☐ 4
Didn't want to think about being HIV positive ..... ☐ 5
Worried about ability to adhere ..... ☐ 6
Drinking or using drugs ..... ☐ 7
Money or insurance issues ..... ☐ 8
Homeless ..... ☐ 9
Taking alternative or complementary medicines ..... ☐ 10
Other ***(Specify:***_____) ..... ☐ 11 ***[NMA8_9OS]***
Refused to answer ..... ☐ 77
Don't know ..... ☐ 88

Interviewer instructions: Skip to T14.

SAY: "Now we will use the **HIV Medications Card**. Please tell me which of these medicines you are currently taking—ones you are taking now to treat your HIV. If you are taking any combination medicines, please tell me the name of the combination, not the separate name of each medicine in the combination. I will also ask you how many times you missed taking your medicine. Don't worry about telling me that you don't take all your medicine. And please

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remember, none of this information will be shared with your doctor, nurse, or other health care worker."

T5.	a. Are you currently taking ***[INSERT DRUG NAME]***? **CODES: No = 0, Yes = 1, Refused to answer = 7, Don't know = 8** ***If "Yes," go to T5b; otherwise, skip to next drug.***	b. How many pills, spoonfuls, or injections are you supposed to take of ***[INSERT DRUG NAME]*** **each time** you take it? **CODES: Refused to answer = 77, Don't know = 88**	c. How many times **per day** are you supposed to take ***[INSERT DRUG NAME]***? **CODES: Refused to answer = 77, Don't know = 88**	d. **Yesterday**, how many times did you miss taking a dose or a set of pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? If you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**	e. **The day before yesterday**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**	f. **Three days ago**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**
Combination Treatments						
Combivir (AZT+3TC)	T5a_a. ___ ___ ***[COMBCUR]***	T5a_b. ___ ___ ***[COMBET_9]***	T5a_c. ___ ___ ***[COMBDY_9]***	T5a_d. ___ ___ ***[CBMIS1_9]***	T5a_e. ___ ___ ***[CBMIS2_9]***	T5a_f. ___ ___ ***[CBMIS3_9]***
Trizivir (AZT+3TC+ ABC)	T5b_a. ___ ___ ***[TRIZCUR]***	T5b_b. ___ ___ ***[TRIZET_9]***	T5b_c. ___ ___ ***[TRIZDY_9]***	T5b_d. ___ ___ ***[TZMIS1_9]***	T5b_e. ___ ___ ***[TZMIS2_9]***	T5b_f. ___ ___ ***[TZMIS3_9]***
Epzicom (3TC+ABC)	T5c_a. ___ ___ ***[EPZICUR]***	T5c_b. ___ ___ ***[EPZIET_9]***	T5c_c. ___ ___ ***[EPZIDY_9]***	T5c_d. ___ ___ ***[EPMIS1_9]***	T5c_e. ___ ___ ***[EPMIS2_9]***	T5c_f. ___ ___ ***[EPMIS3_9]***

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T5.	a. Are you currently taking ***[INSERT DRUG NAME]***? **CODES: No = 0, Yes = 1, Refused to answer = 7, Don't know = 8** ***If "Yes," go to T5b; otherwise, skip to next drug.***	b. How many pills, spoonfuls, or injections are you supposed to take of ***[INSERT DRUG NAME]*** **each time** you take it? **CODES: Refused to answer = 77, Don't know = 88**	c. How many times **per day** are you supposed to take ***[INSERT DRUG NAME]***? **CODES: Refused to answer = 77, Don't know = 88**	d. **Yesterday**, how many times did you miss taking a dose or a set of pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? If you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**	e. **The day before yesterday**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**	f. **Three days ago**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**
Truvada (FTC+TDF)	T5d_a. _____ ***[TRUVCUR]***	T5d_b. ___ ___ ***[TRUVET_9]***	T5d_c. ___ ___ ***[TRUVDY_9]***	T5d_d. ___ ___ ***[TRMIS1_9]***	T5d_e. ___ ___ ***[TRMIS2_9]***	T5d_f. ___ ___ ***[TRMIS3_9]***
Atripla (EFV/FTC/TDF)	T5e_a. _____ ***[ATRIPLA]***	T5e_b. ___ ___ ***[ATRTIM_9]***	T5e_c. ___ ___ ***[ATRDAY_9]***	T5e_d. ___ ___ ***[ATMIS1_9]***	T5e_e. ___ ___ ***[ATMIS2_9]***	T5e_f. ___ ___ ***[ATMIS3_9]***
Complera (FTC/RPV/TDF)	T5e1_a. _____ ***[COMPLERA]***	T5e1_b. _____ ***[COMPL_ET]***	T5e1_c. _____ ***[COMPL_DY]***	T5e1_d. _____ ***[COMPL_S1]***	T5e1_e. _____ ***[COMPL_S2]***	T5e1_f. _____ ***[COMPL_S3]***
Stribild ("Quad," EVG/ COBI/FTC/TDF)	T5e2_a. _____ ***[STRIBAN3]***	T5e2_b. _____ ***[STRIETN3]***	T5e2_c. _____ ***[STRIDYN3]***	T5e2_d. _____ ***[STRIS1N3]***	T5e2_e. _____ ***[STRIS2N3]***	T5e2_f. _____ ***[STRIS3N3]***

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

T5.	a. Are you currently taking ***[INSERT DRUG NAME]***? **CODES: No = 0, Yes = 1, Refused to answer = 7, Don't know = 8** ***If "Yes," go to T5b; otherwise, skip to next drug.***	b. How many pills, spoonfuls, or injections are you supposed to take of ***[INSERT DRUG NAME]*** **each time** you take it? **CODES: Refused to answer = 77, Don't know = 88**	c. How many times **per day** are you supposed to take ***[INSERT DRUG NAME]***? **CODES: Refused to answer = 77, Don't know = 88**	d. **Yesterday**, how many times did you miss taking a dose or a set of pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? If you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**	e. **The day before yesterday**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**	f. **Three days ago**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**
Nucleoside/ Nucleotide Analogue Reverse Transcriptase Inhibitors (NRTI), also known as 'Nukes'						
Epivir (lamivudine, 3TC)	T5f_a. _____ ***[LAMICUR]***	T5f_b. ___ ___ ***[LAMIET_9]***	T5f_c. ___ ___ ***[LAMIDY_9]***	T5f_d. ___ ___ ***[LAMIS1_9]***	T5f_e. ___ ___ ***[LAMIS2_9]***	T5f_f. ___ ___ ***[LAMIS3_9]***

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T5.	a. Are you currently taking ***[INSERT DRUG NAME]***? **CODES: No = 0, Yes = 1, Refused to answer = 7, Don't know = 8** ***If "Yes," go to T5b; otherwise, skip to next drug.***	b. How many pills, spoonfuls, or injections are you supposed to take of ***[INSERT DRUG NAME]*** **each time** you take it? **CODES: Refused to answer = 77, Don't know = 88**	c. How many times **per day** are you supposed to take ***[INSERT DRUG NAME]***? **CODES: Refused to answer = 77, Don't know = 88**	d. **Yesterday**, how many times did you miss taking a dose or a set of pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? If you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**	e. **The day before yesterday**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**	f. **Three days ago**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**
Videx EC (didanosine, ddI EC)	T5g_a. _____ ***[DAECCUR]***	T5g_b. ___ ___ ***[DAECET_9]***	T5g_c. ___ ___ ***[DAECDY_9]***	T5g_d. ___ ___ ***[DAMIS1_9]***	T5g_e. ___ ___ ***[DAMIS2_9]***	T5g_f. ___ ___ ***[DAMIS3_9]***
Videx (didanosine, ddI)	T5h_a. _____ ***[DIDACUR]***	T5h_b. ___ ___ ***[DIDAET_9]***	T5h_c. ___ ___ ***[DIDADY_9]***	T5h_d. ___ ___ ***[DIMIS1_9]***	T5h_e. ___ ___ ***[DIMIS2_9]***	T5h_f. ___ ___ ***[DIMIS3_9]***
Emtriva (emtricitabine, FTC)	T5i_a. _____ ***[EMTRCUR]***	T5i_b. ___ ___ ***[EMTRET_9]***	T5i_c. ___ ___ ***[EMTRDY_9]***	T5i_d. ___ ___ ***[EMMIS1_9]***	T5i_e. ___ ___ ***[EMMIS2_9]***	T5i_e. ___ ___ ***[EMMIS3_9]***
Viread (tenofovir, TDF)	T5j_a. _____ ***[TENOCUR]***	T5j_b. ___ ___ ***[TENOET_9]***	T5j_c. ___ ___ ***[TENODY_9]***	T5j_d. ___ ___ ***[TEMIS1_9]***	T5j_e. ___ ___ ***[TEMIS2_9]***	T5j_f. ___ ___ ***[TEMIS3_9]***

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T5.	a. Are you currently taking ***[INSERT DRUG NAME]***? **CODES: No = 0, Yes = 1, Refused to answer = 7, Don't know = 8** ***If "Yes," go to T5b; otherwise, skip to next drug.***	b. How many pills, spoonfuls, or injections are you supposed to take of ***[INSERT DRUG NAME]*** **each time** you take it? **CODES: Refused to answer = 77, Don't know = 88**	c. How many times **per day** are you supposed to take ***[INSERT DRUG NAME]***? **CODES: Refused to answer = 77, Don't know = 88**	d. **Yesterday**, how many times did you miss taking a dose or a set of pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? If you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**	e. **The day before yesterday**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**	f. **Three days ago**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**
Zerit (stavudine, d4T)	T5l_a. _____ ***[STAVCUR]***	T5l_b. ___ ___ ***[STAVET_9]***	T5l_c. ___ ___ ***[STAVDY_9]***	T5l_d. ___ ___ ***[STMIS1_9]***	T5l_e. ___ ___ ***[STMIS2_9]***	T5l_f. ___ ___ ***[STMIS3_9]***
Retrovir (zidovudine, AZT, ZDV)	T5m_a. _____ ***[ZIDOCUR]***	T5m_b. ___ ___ ***[ZIDOET_9]***	T5m_c. ___ ___ ***[ZIDODY_9]***	T5m_d. ___ ___ ***[ZIMIS1_9]***	T5m_e. ___ ___ ***[ZIMIS2_9]***	T5m_f. ___ ___ ***[ZIMIS3_9]***
Ziagen (abacavir, ABC)	T5n_a. _____ ***[ABACACUR]***	T5n_b. ___ ___ ***[ABACET_9]***	T5n_c. ___ ___ ***[ABACDY_9]***	T5n_d. ___ ___ ***[ABMIS1_9]***	T5n_e. ___ ___ ***[ABMIS2_9]***	T5n_f. ___ ___ ***[ABMIS3_9]***
Protease Inhibitors (PI)						
Invirase (saquinavir hard gel, SQV)	T5p_a. _____ ***[SACQCUR]***	T5p_b. ___ ___ ***[SACQT_9]***	T5p_c. ___ ___ ***[SACQDY_9]***	T5p_d. ___ ___ ***[SAMIS1_9]***	T5p_e. ___ ___ ***[SAMIS2_9]***	T5p_f. ___ ___ ***[SAMIS3_9]***

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T5.	a. Are you currently taking ***[INSERT DRUG NAME]***? **CODES: No = 0, Yes = 1, Refused to answer = 7, Don't know = 8** ***If "Yes," go to T5b; otherwise, skip to next drug.***	b. How many pills, spoonfuls, or injections are you supposed to take of ***[INSERT DRUG NAME]*** **each time** you take it? **CODES: Refused to answer = 77, Don't know = 88**	c. How many times **per day** are you supposed to take ***[INSERT DRUG NAME]***? **CODES: Refused to answer = 77, Don't know = 88**	d. **Yesterday**, how many times did you miss taking a dose or a set of pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? If you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**	e. **The day before yesterday**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**	f. **Three days ago**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**
Kaletra (lopinavir/ ritonavir, LPVr)	T5q_a. _____ ***[LOPICUR]***	T5q_b. ___ ___ ***[LOPIT_9]***	T5q_c. ___ ___ ***[LOPIDY_9]***	T5q_d. ___ ___ ***[LOMIS1_9]***	T5q_e. ___ ___ ***[LOMIS2_9]***	T5q_f. ___ ___ ***[LOMIS3_9]***
Crixivan (indinavir, IDV)	T5r_a. _____ ***[INDICUR]***	T5r_b. ___ ___ ***[INDIET_9]***	T5r_c. ___ ___ ***[INDIDY_9]***	T5r_d. ___ ___ ***[INMIS1_9]***	T5r_e. ___ ___ ***[INMIS2_9]***	T5r_f. ___ ___ ***[INMIS3_9]***
Lexiva (fosamprenavir, FPV)	T5s_a. _____ ***[FUSACUR]***	T5s_b. ___ ___ ***[FUSAET_9]***	T5s_c. ___ ___ ***[FUSADY_9]***	T5s_d. ___ ___ ***[FOMIS1_9]***	T5s_e. ___ ___ ***[FOMIS2_9]***	T5s_f. ___ ___ ***[FOMIS3_9]***
Reyataz (atazanavir, ATV)	T5t_a. _____ ***[ATAZCUR]***	T5t_b. ___ ___ ***[ATAZET_9]***	T5t_c. ___ ___ ***[ATAZDY_9]***	T5t_d. ___ ___ ***[ATZIS1_9]***	T5t_e. ___ ___ ***[ATZIS2_9]***	T5t_f. ___ ___ ***[ATZIS3_9]***
Norvir (ritonavir, RTV)	T5v_a. _____ ***[RITOCUR]***	T5v_b. ___ ___ ***[RITOET_9]***	T5v_c. ___ ___ ***[RITODY_9]***	T5v_d. ___ ___ ***[RIMIS1_9]***	T5v_e. ___ ___ ***[RIMIS2_9]***	T5v_f. ___ ___ ***[RIMIS3_9]***

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T5.	a. Are you currently taking ***[INSERT DRUG NAME]***? **CODES: No = 0, Yes = 1, Refused to answer = 7, Don't know = 8** ***If "Yes," go to T5b; otherwise, skip to next drug.***	b. How many pills, spoonfuls, or injections are you supposed to take of ***[INSERT DRUG NAME]*** **each time** you take it? **CODES: Refused to answer = 77, Don't know = 88**	c. How many times **per day** are you supposed to take ***[INSERT DRUG NAME]***? **CODES: Refused to answer = 77, Don't know = 88**	d. **Yesterday**, how many times did you miss taking a dose or a set of pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? If you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**	e. **The day before yesterday**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**	f. **Three days ago**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**
Viracept (nelfinavir, NFV)	T5w_a. _____ ***[NELFCUR]***	T5w_b. ___ ___ ***[NELFET_9]***	T5w_c. ___ ___ ***[NELFDY_9]***	T5w_d. ___ ___ ***[NEMIS1_9]***	T5w_e. ___ ___ ***[NEMIS2_9]***	T5w_f. ___ ___ ***[NEMIS3_9]***
Aptivus (tipranavir, TPV)	T5x_a. _____ ***[TIPRCUR]***	T5x_b. ___ ___ ***[TIPRET_9]***	T5x_c. ___ ___ ***[TIPRDY_9]***	T5x_d. ___ ___ ***[TIMIS1_9]***	T5x_e. ___ ___ ***[TIMIS2_9]***	T5x_f. ___ ___ ***[TIMIS3_9]***
Prezista (darunavir, DRV)	T5y_a. ___ ___ ***[PREZCUR]***	T5y_b. ___ ___ ***[PREZET_9]***	T5y_c. ___ ___ ***[PREZDY_9]***	T5y_d. ___ ___ ***[PRMIS1_9]***	T5y_e. ___ ___ ***[PRMIS2_9]***	T5y_f. ___ ___ ***[PRMIS3_9]***
Non-Nucleoside Reverse Transcriptase Inhibitors (NNRTI), also known as 'Non-nukes'						

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T5.	a. Are you currently taking ***[INSERT DRUG NAME]***? **CODES: No = 0, Yes = 1, Refused to answer = 7, Don't know = 8** ***If "Yes," go to T5b; otherwise, skip to next drug.***	b. How many pills, spoonfuls, or injections are you supposed to take of ***[INSERT DRUG NAME]*** **each time** you take it? **CODES: Refused to answer = 77, Don't know = 88**	c. How many times **per day** are you supposed to take ***[INSERT DRUG NAME]***? **CODES: Refused to answer = 77, Don't know = 88**	d. **Yesterday**, how many times did you miss taking a dose or a set of pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? If you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**	e. **The day before yesterday**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**	f. **Three days ago**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**
Rescriptor (delavirdine, DLV)	T5z_a. _____ ***[DELACUR]***	T5z_b. ___ ___ ***[DELAET_9]***	T5z_c. ___ ___ ***[DELADY_9]***	T5z_d. ___ ___ ***[DEMIS1_9]***	T5z_e. ___ ___ ***[DEMIS2_9]***	T5z_f. ___ ___ ***[DEMIS3_9]***
Viramune (nevirapine, NVP)	T5za_a. _____ ***[NEVICUR]***	T5za_b. ___ ___ ***[NEVIET_9]***	T5za_c. ___ ___ ***[NEVIDY_9]***	T5za_d. ___ ___ ***[NEVIS1_9]***	T5za_e. ___ ___ ***[NEVIS2_9]***	T5za_f. ___ ___ ***[NEVIS3_9]***
Sustiva (efavirenz, EFV)	T5zb_a. _____ ***[EFAVCUR]***	T5zb_b. ___ ___ ***[EFAVET_9]***	T5zb_c. ___ ___ ***[EFAVDY_9]***	T5zb_d. ___ ___ ***[EFMIS1_9]***	T5zb_e. ___ ___ ***[EFMIS2_9]***	T5zb_f. ___ ___ ***[EFMIS3_9]***
Intelence (etravirine ETV)	T5zc_a. _____ ***[TMC]***	T5zc_b. ___ ___ ***[TMCTIM_9]***	T5zc_c. ___ ___ ***[TMCDAY_9]***	T5zc_d. ___ ___ ***[TMMIS1_9]***	T5zc_e. ___ ___ ***[TMMIS2_9]***	T5zc_f. ___ ___ ***[TMMIS3_9]***

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T5.	a. Are you currently taking ***[INSERT DRUG NAME]***? **CODES: No = 0, Yes = 1, Refused to answer = 7, Don't know = 8** ***If "Yes," go to T5b; otherwise, skip to next drug.***	b. How many pills, spoonfuls, or injections are you supposed to take of ***[INSERT DRUG NAME]*** **each time** you take it? **CODES: Refused to answer = 77, Don't know = 88**	c. How many times **per day** are you supposed to take ***[INSERT DRUG NAME]***? **CODES: Refused to answer = 77, Don't know = 88**	d. **Yesterday**, how many times did you miss taking a dose or a set of pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? If you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**	e. **The day before yesterday**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**	f. **Three days ago**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**
Edurant (rilpivirine, RPV)	T5zd_a. ___ ___ ***[EDURANT]***	T5zd_b. ___ ___ ***[EDURA_ET]***	T5zd_c. ___ ___ ***[EDURA_DY]***	T5zd_d. ___ ___ ***[EDURA_S1]***	T5zd_e. ___ ___ ***[EDURA_S2]***	T5zd_f. ___ ___ ***[EDURA_S3]***
Entry/Fusion Inhibitors						
Fuzeon (enfuvirtide, T–20)	T5ze_a. _____ ***[ENFUCUR]***	T5ze_b. ___ ___ ***[ENFUET_9]***	T5ze_c. ___ ___ ***[ENFUND_9]***	T5ze_d. ___ ___ ***[ENMIS1_9]***	T5ze_e. ___ ___ ***[ENMIS2_9]***	T5ze_f. ___ ___ ***[ENMIS3_9]***
Selzentry (maraviroc, MVC)	T5zf_a. _____ ***[MARAVIRO]***	T5zf_b. ___ ___ ***[MARTIM_9]***	T5zf_c. ___ ___ ***[MARDAY_9]***	T5zf_d. ___ ___ ***[MAMIS1_9]***	T5zf_e. ___ ___ ***[MAMIS2_9]***	T5zf_f. ___ ___ ***[MAMIS3_9]***
Integrase Inhibitors						

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T5.	a. Are you currently taking ***[INSERT DRUG NAME]***? **CODES: No = 0, Yes = 1, Refused to answer = 7, Don't know = 8** ***If "Yes," go to T5b; otherwise, skip to next drug.***	b. How many pills, spoonfuls, or injections are you supposed to take of ***[INSERT DRUG NAME]*** **each time** you take it? **CODES: Refused to answer = 77, Don't know = 88**	c. How many times **per day** are you supposed to take ***[INSERT DRUG NAME]***? **CODES: Refused to answer = 77, Don't know = 88**	d. **Yesterday**, how many times did you miss taking a dose or a set of pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? If you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**	e. **The day before yesterday**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**	f. **Three days ago**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**
Isentress, (raltegravir, RAL)	T5zg_a. _____ ***[RALTEGRA]***	T5zg_b. ___ ___ ***[RALTIM_9]***	T5zg_c. ___ ___ ***[RALDAY_9]***	T5zg_d. ___ ___ ***[RAMIS1_9]***	T5zg_e. ___ ___ ***[RAMIS2_9]***	T5zg_f. ___ ___ ***[RAMIS3_9]***
Tivicay, (dolutegravir, DTG)	T5zg1_a. _____ ***[DOLUCUR4]***	T5zg2_a. ___ ___ ***[DOLUETN4]***	T5zg3_a. ___ ___ ***[DOLUDYN4]***	T5zg4_a. ___ ___ ***[DOLUM1N4]***	T5zg5_a. ___ ___ ***[DOLUS2N4]***	T5zg6_a. ___ ___ ***[DOLUM3N4]***

Other ART Medicines
T5zh_a. Are you currently taking any other antiretroviral medicine? ***[OTSPAYN1]*** No ..... ☐ 0 Yes..... ☐ 1 Refused to answer ..... ☐ 7 Don't know ..... ☐ 8

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Interviewer instructions: If OTSPAYN1 (taking other meds 1) is "Yes," go to OTANM1OS (other specify meds 1); else go to Inconsistency check before T6 (MEDINSTR).

T5zh_ao. ***(Specify other ARV:_____) [7 = Refused, 8 = Don't know]*** ***[OTANM1OS]***

		b. How many pills, spoonfuls, or injections are you supposed to take of ***[INSERT DRUG NAME]*** **each time** you take it? **CODES: Refused to answer = 77, Don't know = 88**	c. How many times **per day** are you supposed to take ***[INSERT DRUG NAME]***? **CODES: Refused to answer = 77, Don't know = 88**	d. **Yesterday**, how many times did you miss taking a dose or a set of pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? If you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**	e. **The day before yesterday**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**	f. **Three days ago**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88**
		T5zh_b. ___ ___ ***[ODRET1_9]***	T5zh_c. ___ ___ ***[ODTDY1_9]***	T5zh_d. ___ ___ ***[ODMIS1_9]***	T5zh_e. ___ ___ ***[ODMIS2_9]***	T5zh_f. ___ ___ ***[ODMIS3_9]***

T5zi_a. Are you currently taking any other antiretroviral medicine? ***[OTSPAYN2]***

- No ..... ☐ 0
- Yes ..... ☐ 1
- Refused to answer ..... ☐ 7
- Don't know ..... ☐ 8

Interviewer instructions: If OTSPAYN2 (taking other meds 2) is "Yes," go to OTANM2OS (other specify meds 2); else go to Inconsistency check before T6 (MEDINSTR).

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

T5zi_ao. ***(Specify other ARV:_____) [7 = Refused, 8 = Don't know]*** ***[OTANM2OS]***						
		b. How many pills, spoonfuls, or injections are you supposed to take of ***[INSERT DRUG NAME]*** **each time** you take it? **CODES: Refused to answer = 77, Don't know = 88** T5zi_b. ___ ___ ***[ODRET2_9]***	c. How many times **per day** are you supposed to take ***[INSERT DRUG NAME]***? **CODES: Refused to answer = 77, Don't know = 88** T5zi_c. ___ ___ ***[ODTDY2_9]***	d. **Yesterday**, how many times did you miss taking a dose or a set of pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? If you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88** T5zi_d. ___ ___ ***[ODMI21_9]***	e. **The day before yesterday**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88** T5zi_e. ___ ___ ***[ODMI22_9]***	f. **Three days ago**, how many times did you miss taking a dose or a set of these pills, spoonfuls, or injections of ***[INSERT DRUG NAME]***? Again, if you only took part of your dose, please report this as the whole dose missed. **CODES: Not applicable = 66, Refused to answer = 77, Don't know = 88** T5zi_f. ___ ___ ***[ODMI23_9]***
Inconsistency check*: *The number of doses or set of pills, spoonfuls, or injections missed must be ≤ the number of times the respondent is supposed to take these pills, spoonfuls, or injections. The number of pills, spoonfuls, or injections that the respondent is supposed to take each time he or she takes them must be ≤ 35. The number of times each day the respondent is supposed to take these pills, spoonfuls, or injections must be ≤ 9. The number of times the respondent missed taking a dose or set of these pills, spoonfuls, or injections yesterday must be ≤ 9. The number of times the respondent missed taking a dose or set of these pills, spoonfuls, or injections the day before yesterday must be ≤ 9. If T4 is "Yes" and all T5 responses are "No," return to previous question (T4).						

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

T6. Do any of your antiretroviral medicines have special instructions, such as "take with food" or "on an empty stomach" or "with plenty of fluids"? ***[MEDINSTR]***

No..... ☐ 0 → *Skip to Say box before T8*
Yes..... ☐ 1
Refused to answer..... ☐ 7
Don't know..... ☐ 8

Skip to Say box before T8

SAY: "We will use **Response Card F** for the next question. You will also need the calendar to refer to the past 3 days."

T7. During the **past 3 days**, how often did you follow all of those special instructions? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[FLMDIN_9]***

Never..... ☐ 1
Rarely ..... ☐ 2
About half of the time..... ☐ 3
Most of the time ..... ☐ 4
Always ..... ☐ 5
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

SAY: "We will use **Response Card F**. You'll also need the calendar to refer to the past 3 days."

T8. Most antiretroviral medicines need to be taken on a schedule, such as "2 times a day" or "3 times a day" or "every 8 hours." How closely did you follow your specific schedule during the **past 3 days**? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[MDSCHD_9]***

Never..... ☐ 1
Rarely ..... ☐ 2
About half of the time..... ☐ 3
Most of the time ..... ☐ 4
Always ..... ☐ 5
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

QDS programming note for T9: If respondent says that they missed a dose for any antiretroviral medication in T5d, T5e, T5f, then the program will skip T9 (last time missed ART) and go to T10.

SAY: "We will now use **Response Card G**."

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

T9. When was the **last time** you missed any of your antiretroviral medicines? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[LTMMED10]***

Within the past **week** ..... ☐ 1
1–2 **weeks** ago ..... ☐ 2
3–4 **weeks** ago ..... ☐ 3
1–3 **months** ago ..... ☐ 4
More than 3 **months** ago ..... ☐ 5
Never skip medicines ..... ☐ 6 ⟹ ***Skip to Say box before T11***
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

T10. The **last time** you missed taking your antiretroviral medicines, what were the reasons? ***[DON'T READ CHOICES. CHECK ALL THAT APPLY.]*** ***[MSMD_12]***

Problem with prescription or refill ..... ☐ 1 ***[MSMD_12A]***
Felt sick or tired ..... ☐ 2 ***[MSMD_12B]***
Change in daily routine including travel ..... ☐ 3 ***[MSMD_12C]***
Due to side effects of medications ..... ☐ 4 ***[MSMD_12D]***
Felt depressed or overwhelmed ..... ☐ 5 ***[MSMD_12E]***
Drinking or using drugs ..... ☐ 6 ***[MSMD_12F]***
Money or insurance issues ..... ☐ 7 ***[MSMD_12G]***
Homeless ..... ☐ 8 ***[MSMD_12H]***
Had too many pills to take ..... ☐ 9 ***[MSMD_12I]***
Forgot to take them ..... ☐ 10 ***[MSMD_12J]***
Other ..... ☐ 11 ***[MSMD_12K]***
Refused to answer ..... ☐ 77
Don't know ..... ☐ 88

Interviewer instructions: If "Other" is selected for T10, go to T10_o1. Otherwise, skip to Say Box before T11.

T10_o1. Specify other reason missed taking medication:

_____ ***[MSK_12OS]***

[7 = Refused, 8 = Don't know]

T10_o2. Are there any more reasons that you missed taking your medicine? ***[MSMD_12L]***

Yes ..... ☐ 1
No ..... ☐ 0

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Interviewer instructions: If T10_o2. is "Yes," go to T10_o3. Otherwise, skip to Say Box before T11.

T10_o3. Specify other reason missed taking medication:

_____ ***[MSL_12OS]***

[7 = Refused, 8 = Don't know]

SAY: "Now I'm going to ask you a question about the past 30 days. We will use **Response Card H**. We will also use the calendar to refer to the past 30 days."

T11. During the **past 30 days**, how troubled were you by side effects from your antiretroviral medications? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[TRBL_EFT]***

Never ..... ☐ 1
Rarely ..... ☐ 2
About half of the time ..... ☐ 3
Most of the time ..... ☐ 4
Always ..... ☐ 5
Been on medications less than 30 days ..... ☐ 6
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

SAY: "For these next three questions we will use **Response Card I**."

T12a. How sure are you that you will be able to take all or most of your medication as directed? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[TK_MD_DR]***

Not at all sure ..... ☐ 0
Somewhat sure ..... ☐ 1
Very sure ..... ☐ 2
Extremely sure ..... ☐ 3
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

T12b. How sure are you that your medication will have a positive effect on your health? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[MD_POSEF]***

Not at all sure ..... ☐ 0
Somewhat sure ..... ☐ 1
Very sure ..... ☐ 2
Extremely sure ..... ☐ 3

Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

T12c. How sure are you that if you do not take your medication exactly as instructed, the HIV in your body will become resistant to HIV medications? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[SR_HIVRS]***

Not at all sure ..... ☐ 0
Somewhat sure ..... ☐ 1
Very sure ..... ☐ 2
Extremely sure ..... ☐ 3
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

SAY: "Now we will use **Response Card J**."

T13a. In general, how satisfied are you with the overall support you get from your friends and family members? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[SUPRT_FF]***

Very dissatisfied ..... ☐ 0
Somewhat dissatisfied ..... ☐ 1
Somewhat satisfied ..... ☐ 2
Very satisfied ..... ☐ 3
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

SAY: "Now we will use **Response Card K.**"

T13b. To what extent do your friends or family members help you remember to take your medication? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[MED_SUPT]***

Not at all ..... ☐ 0
A little ..... ☐ 1
Somewhat ..... ☐ 2
A lot ..... ☐ 3
Not applicable ..... ☐ 6
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Interviewer instructions: Skip to T15.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

T14. During the **past 12 months**, have you taken antiretroviral medicines? ***[ATMD12_9]***

No ☐ 0 → ***Skip to T18***
Yes ☐ 1
Refused to answer ☐ 7
Don't know ☐ 8 } ***Skip to T18***

T15. During the **past 12 months**, what were the ways your antiretroviral medicines were paid for? ***[DON'T READ CHOICES. CHECK ALL THAT APPLY.]*** ***[PREM_12]***

Private health insurance ☐ 1 ***[PREM_12A]***
Medicaid ☐ 2 ***[PREM_12B]***
Medicare ☐ 3 ***[PREM_12C]***
AIDS Drug Assistance Program (ADAP) ☐ 4 ***[PREM_12D]***
An AIDS service organization provided medicines ☐ 5 ***[PREM_12E]***
Got medicines at a public clinic ☐ 6 ***[PREM_12F]***
Clinical trial or drug study provided medicines ☐ 7 ***[PREM_12G]***
Paid for medicines out of pocket ☐ 8 ***[PREM_12H]***
Other 1 ***(Specify: _____)*** ☐ 9 ***[PREM_12I] [PRI_12OS]***
Other 2 ***(Specify: _____)*** ☐ 10 ***[PREM_12J] [PRJ_12OS]***
Refused to answer ☐ 77
Don't know ☐ 88

T16. During the **past 12 months**, did your doctor or other clinic staff ask you whether you missed taking any doses of your antiretroviral medicines or if you had difficulty taking your antiretroviral medicines? ***[MDASKN3]***

No ☐ 0
Yes ☐ 1
Refused to answer ☐ 7
Don't know ☐ 8

T17. During the **past 12 months**, have you ever purposefully taken a "drug holiday" from your antiretroviral medicines that wasn't recommended by your doctor? That is, did you plan to not take any doses of one or more of your antiretroviral medicines for <u>at least two whole days in a row</u>? ***[DRGHOL_9]***

Label: Past 12 months, ever taken a drug holiday

No ☐ 0 → ***Skip to T18***
Yes ☐ 1
Refused to answer ☐ 7
Don't know ☐ 8 } ***Skip to T18***

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

T17a. What was the main reason that you took a drug holiday from your antiretroviral medicines? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[RDRHO_10]***

Medicine has side effects or makes me feel bad..... ☐ 1
Got tired of taking medicines or needed a break..... ☐ 2
Was using drugs or alcohol ..... ☐ 3
Was on vacation..... ☐ 4
Felt good ..... ☐ 5
Other ***(Specify:***_____) .... ☐ 6 ***[RDR_10OS]***
Refused to answer ..... ☐ 7
Don't know..... ☐ 8

T18. During the **past 12** months, have you participated in an HIV clinical trial? ***[CLTREC_9]***

No..... ☐ 0
Yes..... ☐ 1
Refused to answer ..... ☐ 7
Don't know..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Sexual Behavior (S)

Total sex partners (ST)

SAY: *"*Next, I'm going to ask you some questions about sex. Please remember that your answers will be kept confidential and that you don't have to answer any questions that you don't want to. I'll ask you about the number of people you had sex with during the **past 12 months**. When I say "sex," I mean vaginal or anal sex. Vaginal sex means penis in the vagina and anal sex means penis in the anus. When thinking about your answers, please include anyone whom you had vaginal or anal sex with during the **past 12 months**. The number of people could range anywhere from 0 to over a hundred."

Calculated variable for sex gender:

SX_GEN=
If GENDER=Male and BIRTGEN=Male then SX_GEN=1 (Male).
If GENDER=Female and BIRTGEN=Female then SX_GEN=2 (Female).
If (GENDER=Male and BIRTGEN=Female) or (GENDER=Female and BIRTGEN=Male) or (GENDER=Transgender and [BIRTGEN=Male, Female, don't know, or refused to answer]) then SX_GEN=3 (Transgender).
If BIRTGEN is intersex, then SX_GEN=4 (Indeterminate).
If ([GENDER= refused to answer or don't know] and [BIRTGEN = Male, Female, refused to answer, or don't know], then SX_GEN=4 (Indeterminate).
If BIRTGEN is refused to answer or don't know, and GENDER is male, female, refused to answer, or don't know, then SX_GEN=4 (Indeterminate).

In other words:

		BIRTGEN				
		Male	Female	Intersex	Refused to answer	Don't know
Gender	Male	SX_GEN = 1 male	SX_GEN = 3 transgender	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate
	Female	SX_GEN = 3 transgender	SX_GEN = 2 female	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate
	Transgender	SX_GEN = 3 transgender	SX_GEN = 3 transgender	SX_GEN = 4 Indeterminate	SX_GEN = 3 transgender	SX_GEN = 3 transgender
	Refused	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate
	Don't know	SX_GEN = 4	SX_GEN = 4	SX_GEN = 4	SX_GEN = 4	SX_GEN = 4

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

		Indeterminate	Indeterminate	Indeterminate	Indeterminate	Indeterminate

Variable label for SX_GEN=sex gender

Interviewer instructions for SX_TFPN4 *(number of female partners)**:***
If SX_GEN=2 (Female), skip to SX_TMPN4 (number of male partners).
Else, go to SX_TFPN4 (number of female partners).

ST.1.0. During the **past 12 months**, how many females have you had sex with? *[SX_TFPN4]*

___ ___ ___ *[7777 = Refused to answer, 8888 = Don't know]*

QDS programming note for SX_TFPN4 (number of female partners):
Range is 0–999.
Variable label for SX_TFPN4 is number of female partners.

ST.2.0. During the **past 12 months,** how many males have you had sex with? *[SX_TMPN4]*

___ ___ ___ *[7777 = Refused to answer, 8888 = Don't know]*

QDS programming note for SX_TMPN4 (number of male partners):
Range is 0–999.
Variable label for SX_TMPN4 is number of male partners.

ST.3.0. During the **past 12 months,** how many transgender persons have you had sex with? *[SX_TTPN4]*

___ ___ ___ *[7777 = Refused to answer, 8888 = Don't know]*

QDS programming note for SX_TTPN4 (number of transgender partners):
Range is 0–999.
Variable label for SX_TTPN4 is number of transgender partners.

Calculated variables for SX_TFPN4 (number of female partners), SX_TMPN4 (number of male partners), and SX_TTPN4 (number of transgender partners):

Total number of vaginal and anal sex partners: create a calculated variable SX_TOTN4 where the sum of SX_TFPN4 + SX_TMPN4 + SX_TTPN4 = SX_TOTN4. Variable label for SX_TOTN4 is

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

total number of vaginal and anal sex partners. If the response to SX_TFPN4 (number of female partners), SX_TMPN4 (number of male partners), or SX_TTPN4 (number of transgender partners) is "don't know," or "refused to answer," then calculate the response as "0." EXAMPLE: if SX_TFPN4 = "don't know" AND SX_TMPN4 = "don't know," AND SX_TTPN4 = "refused to answer," THEN SX_TOTN4 = 0. If any of the values are skipped (.S), then do not include the value in the calculation. EXAMPLE: if SX_TFPN4 = "2" AND SX_TMPN4 = "don't know," AND SX_TTPN4 = skipped, then SX_TOTN4 = 2.

Female only partners: create a calculated variable SXFMONN4 (female only partners) if SX_TMPN4 (number of male partners) = 0, don't know, or refused to answer AND SX_TTPN4 (number of transgender partners) = 0, don't know, or refused to answer AND SX_TFPN4 (number of female partners) ≥ 1, then SXFMONN4 (female only partners) = 1; otherwise SXFMONN4 = 0. Variable label for SXFMONN4 is female only partners.

Male only partners: create a calculated variable SXMLONN4 (male only partners) if SX_TFPN4 (number of female partners) = 0, don't know, or refused to answer or skipped AND SX_TTPN4 (number of transgender partners) = 0, don't know, or refused to answer AND SX_TMPN4 (number of male partners) ≥ 1, then SXMLONN4 (male only partners) = 1; otherwise SXMLONN4 = 0. Variable label for SXMLONN4 is male only partners.

Transgender only partners: create a calculated variable SXTGONN4 (transgender only partners) if SX_TFPN4 (number of female partners) = 0, don't know, or refused to answer AND SX_TMPN4 (number of male partners) = 0, don't know, or refused AND SX_TTPN4 (number of transgender partners) ≥ 1, then SXTGONN4 (transgender only partners) = 1; otherwise SXTGONN4 = 0. Variable label for SXTGONN4 is transgender only partners.

Interviewer instructions for SX_TWPN4 (number of female-female partners):
If SX_GEN=2 (Female), go to Say Box before SX_TWPN4 (number of female-female partners).
If SX_GEN is not 2 (Female) and SX_TOTN4 (total number of sex partners) = 0, skip to Say box before SEROSRT1 (serosorting).
Else, if SX_GEN is not 2 (Female) and SX_TOTN4 (total number of sex partners) ≥ 1 skip to interviewer instructions before SX_EXCN4 (exchange sex).

SAY: "Now, I'm going to ask you about sex with women."

ST.4.0. During the **past 12 months**, how many women did you have sex with? *[SX_TWPN4]*
___ ___ ___ *[7777 = Refused to answer, 8888 = Don't know]*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

QDS programming note for SX_TWPN4 (number of female-female partners):
Range is 0–999.
Variable label for SX_TWPN4 is number of female-female partners.

Female-female only partners: create a calculated variable SXFFONN4 (female-female only partners) if SX_TMPN4 (number of male partners) = 0, don't know, or refused AND SX_TTPN4 (number of transgender partners) =0, don't know, refused AND SX_TWPN4 (number of female-female partners) ≥ 1, then SXFFONN4 (female-female only partners) = 1; otherwise SXFFONN4 = 0. Variable label of SXFFONN4 is female-female only partners.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Interviewer instructions before SX_EXCN4 (exchange sex):

<u>Women who only had sex with women</u>*: If SX_GEN=2 AND SX_TMPN4 (number of male partners) = "0," "don't know," or "refused to answer," AND SX_TTPN4 (number of transgender partners) = "0," "don't know," or "refused to answer," skip to the serosorting section (Say box before SEROSRT1).*

<u>No vaginal or anal sex partners</u>*: If SX_TFPN4 (number of female partners), SX_TMPN4 (number of male partners), and SX_TTPN4 (number of transgender partners) are all some combination of "0," "don't know," or "refused to answer," then skip to the serosorting section (Say box before SEROSRT1).*

Otherwise, go to SX_EXCN4 (exchange sex).

Exchange sex (SE)

SE.1.0. During the **past 12 months**, did you have sex in exchange for things like food, shelter, transportation, money, or drugs? *[SX_EXCN4]*

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

QDS programming note for SX_EXCN4:
Variable label for SX_EXCN4 is exchange sex.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Names of partners (SN)

Interviewer instructions before SX_NM1N4 (name of partner 1): *If SX_TOTN4 (total number of sex partners) = 1, go to Say box #1 before SX_NM1N4 (name of partner 1). If SX_TOTN4 ≥ 2, skip to Say box #2 before SX_NM1N4 (name of partner 1).*

Say box #1 before SX_NM1N4 (name of partner 1):
SAY: "Now I'm going to ask you some questions about the person that you recently had sex with during the **past 12 months,** such as his or her age and race. Please answer to the best of your knowledge, but it is okay to tell me that you don't know or that you're unsure. Since I'll be asking questions about this person, I need some way to refer to him or her. You may refer to him or her in any way you want—initials, nickname, or where you met. However, please don't provide a last name or any other identifying information."

Interviewer instructions after Say box #1 before SX_NM1N4 (name of partner 1):
Skip to SX_NM1N4 (name of partner 1).

Say box #2 before SX_NM1N4 (name of partner 1):
SAY: "Now I'm going to ask you some questions about the ***[IF SX_TOTN4 (total number of sex partners) is 2, 3, or 4, THEN INSERT RESPONSE FROM SX_TOTN4 (total number of sex partners). IF SX_TOTN4 (total number of sex partners) ≥5, THEN INSERT "5."]*** people you recently had sex with during the **past 12 months,** such as their age and race. Please answer to the best of your knowledge, but it is okay to tell me that you don't know or that you're unsure. Since I'll be asking questions about each person, I need some way to refer to them, so that when I ask you follow-up questions, we both know we're talking about the same person. You may refer to them in any way you want—initials, nicknames, or where you met. However, please don't provide last names or any other identifying information."

SN.1.0. What shall we call the person with whom you most recently had sex during the **past 12 months**? *[SX_NM1N4]*

_____ ***[7 = Refused to answer]***

Interviewer instructions for SX_NM1N4 (name of partner 1):
If SX_TOTN4 (total number of sex partners) = 1 AND SX_NM1N4 (name of partner 1), is "refused to answer," display the message "Interviewer: remind the respondent that he or she can provide initials, nicknames, or another name to identify the partner." Go back to SX_NM1N4 (name of partner 1). If SX_NM1N4 (name of partner 1), is still "refused to answer," skip to the serosorting section (Say box before SEROSRT1).

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

If SX_TOTN4 (total number of sex partners) = 1 AND SX_NM1N4 (name of partner 1) is "refused to answer," skip to the serosorting section (Say box before SEROSRT1). If SX_TOTN4 (total number of sex partners) ≥ 2, go to SX_NM2N4 (name of partner 2). Else, go to SXTOVRN4 (verification of total sex partners)

QDS programming note for SX_NM1N4:
Open-ended response.
Character limit = 50.
Do not allow a "don't know" response option.
Variable label is name of partner 1.

SN.1.1. What shall we call the 2nd person with whom you had sex during the **past 12 months**?
[SX_NM2N4]

_____ *[7 = Refused to answer]*

Interviewer instructions for SX_NM2N4 (name of partner 2):
If SX_TOTN4 (total number of sex partners) = 2 AND SX_NM1N4 (name of partner 1) and SX_NM2N4 (name of partner 2) are "refused to answer," skip to the serosorting section (say box before SEROSRT1). If SX_TOTN4 (total number of sex partners) ≥3, go to SX_NM3N4 (name of partner 3). Else, go to SXTOVRN4 (verification of total sex partners)

EXAMPLE: *SX_NM1N4 (name of partner 1) is "refused to answer" AND SX_NM2N4 (name of partner 2) is "John," then go to SX_NM3N4 (name of partner 3).*

QDS programming note for SX_NM2N4:
Use open-ended response.
Character limit = 50.
Do not allow for a "don't know" response option.
Variable label is name of partner 2.

If SX_NM1N4 (name of partner 1) and SX_NM2N4 (name of partner 2) are identical, then display the following message, "You gave me the same name for another partner. Can you please give me another name?" The program should return to SX_NM2N4 (name of partner 2).

SN.1.2. What shall we call the 3rd person with whom you had sex during the **past 12 months**?
[SX_NM3N4]

_____ *[7 = Refused to answer]*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

***Interviewer instructions for SX_NM3N4 (name of partner 3)**:*
If SX_TOTN4 (total number of sex partners) = 3 and SX_NM1N4 (name of partner 1) and SX_NM2N4 (name of partner 2) and SX_NM3N4 (name of partner 3) are "refused to answer," skip to the serosorting question (say box before SEROSRT1). If SX_TOTN4 (total number of sex partners) ≥4, go to SX_NM4N4 (name of partner 4). Else skip to SXTOVRN4 (verification of total sex partners)

***EXAMPLE:** SX_NM1N4 (name of partner 1) is "refused to answer" AND SX_NM2N4 (name of partner 2) is "John" and SX_NM3N4 (name of partner 3) is "Jane," then go to SX_NM4N4 (name of partner 4).*

QDS programming note for SX_NM3N4:
Use open-ended response.
Character limit = 50.
Do not allow for a "don't know" response option.
Variable label is name of partner 3.

If either SX_NM1N4 (name of partner 1), SX_NM2N4 (name of partner 2), or SX_NM3N4 (name of partner 3) are identical, then display the following message, "You gave me the same name for another partner. Can you please give me another name?" The program should return to SX_NM3N4 (name of partner 3).

SN.1.3. What shall we call the 4th person with whom you had sex during the **past 12 months**?
[SX_NM4N4]

_____ *[7 = Refused to answer]*

Interviewer instructions for SX_NM4N4 (name of partner 4):
If SX_TOTN4 (total number of sex partners) = 4 and SX_NM1N4 (name of partner 1) and SX_NM2N4 (name of partner 2) and SX_NM3N4 (name of partner 3) and SX_NM4N4 (name of partner 4) are "refused to answer," skip to the serosorting section (Say box before SEROSRT1. If SX_TOTN4 (total number of sex partners) ≥5, go to SX_NM5N4 (name of partner 5). Else, skip to SXTOVRN4 (verification of total sex partners)
***EXAMPLE:** SX_NM1N4 (name of partner 1) is "refused to answer" AND SX_NM2N4 (name of partner 2) is "John" and SX_NM3N4 (name of partner 3) is "Jane" and SX_NM4N4 (name of partner 4) is "JB," then go to SX_NM5N4 (name of partner 5).*

QDS programming note for SX_NMN4:
Use open-ended response.
Character limit = 50.

Do not allow for a "don't know" response option.
Variable label is name of partner 4.

If either SX_NM1N4 (name of partner 1), SX_NM2N4 (name of partner 2), SX_NM3N4 (name of partner 3), or SX_NM4N4 (name of partner 4) are identical, then display the following message, "You gave me the same name for another partner. Can you please give me another name?" The program should return to SX_NM4N4 (name of partner 4).

SN.1.4. What shall we call the 5th person with whom you had sex during the **past 12 months**? *[SX_NM5N4]*

_____ *[7 = Refused to answer]*

Interviewer instructions for SX_NM5N4 (name of partner 5):
If SX_TOTN4 (total number of sex partners) = 5 AND SX_NM1N4 (name of partner 1), SX_NM2N4 (name of partner 2), SX_NM3N4 (name of partner 3), SX_NM4N4 (name of partner 4), SX_NM5N4 (name of partner 5) are all "refused to answer," skip to the serosorting section (Say box before SEROSRT1).

Otherwise go to SXTOVRN4 (verification of total sex partners).

QDS programming note for SX_NM5N4:
Use open-ended response.
Character limit = 50.
Do not allow for a "don't know" response option.
Variable label is name of partner 5.

If either SX_NM1N4 (name of partner 1), SX_NM2N4 (name of partner 2), SX_NM3N4 (name of partner 3), SX_NM4N4 (name of partner 4), or SX_NM5N4 (name of partner 5) are identical, then display the following message, "You gave me the same name for another partner. Can you please give me another name?" The program should return to SX_NM5N4 (name of partner 5).

If SX_TOTN4 (total number of sex partners) > 5 and SX_NM1N4 (name of partner 1), SX_NM2N4 (name of partner 2), SX_NM3N4 (name of partner 3), SX_NM4N4 (name of partner 4), and SX_NM5N4 (name of partner 5) are all "don't know" or "refused to answer," then skip to the *aggregate information section (Say box before SXAGC1N4).*

SN.1.5. So, the total number of people you had vaginal or anal sex with during the **past 12 months** was ***[INSERT SX_TOTN4]***? *[SXTOVRN4]*

No ..... ☐ 0

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

QDS programming note for SXTOVRN4:
Variable label for SXTOVRN4 is verification of total sex partners.

Interviewer instructions for SXTOVRN4 (verification of total sex partners)*: If SXTOVRN4 = 0 (no) or 8 (don't know), return to interviewer instructions before SX_TFPN4 (number of female partners). If SXTOVRN4 = 1 (yes), go to interviewer instructions at beginning of partner demographics section. If SXTOVRN4 = 7 (refused to answer), skip to the serosorting section (Say box before SEROSRT1).*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Partner demographics (SP)

Questions	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4]***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
Instructions for partner demographics partner-by-partner series table: The questions and response options are in the far left column of the table. Each question is asked for partners 1–5. Partners 1-5 are labeled in columns Partner 1, Partner 2, Partner 3, Partner 4, and Partner 5. All Partner 1 questions are asked before moving to Partner 2 questions. Detailed instructions are provided in each table cell. When question instructions say "insert partner name," and the variable is in the Partner 1 column, then insert response from SX_NM1N4 (name of partner 1). When question instructions say "insert partner name," and variable is in the Partner 2 column, insert response to SX_NM2N4 (name of partner 2). When question instructions say "insert partner name," and variable is in the same column as Partner 3, insert response to SX_NM3N4 (name of partner 3). When question instructions say "insert partner name," and variable is in the same column as Partner 4, insert response to SX_NM4N4 (name of partner 4). When question instructions say "insert partner name," and variable is in the same column as Partner 5, insert response to SX_NM5N4 (name of partner 5).					
Interviewer instructions before SXPGN1N4 (partner's gender-partner 1), SXPGN2N4 (partner's gender-partner 2), SXPGN3N4 (partner's gender-partner 3), SXPGN4N4 (partner's gender-partner 4), SXPGN5N4 (partner's gender-partner 5): ***<u>Skip question series if respondent refuses to provide a partner name</u>:*** *If SX_TOTN4 = 2 AND respondent provided name for partner 2 (SX_NM2N4 not equal to 7), skip to interviewer instructions before SXPGN2N4 (partner's gender-partner 2). If respondent refused to provide name for partner 2 (SX_NM2N4 = 7), skip to serosorting section (Say box before SEROSRT1).* *If SX_TOTN4 = 3 AND respondent provided name for partner 3 (SX_NM3N4 not equal to 7), skip to interviewer instructions before SXPGN3N4 (partner's gender-partner 3). If respondent refused to provide name for partner 3 (SX_NM3N4 = 7), skip to serosorting section (Say box before SEROSRT1).* *If SX_TOTN4 = 4 AND respondent provided name for partner 4 (SX_NM4N4 not equal to 7), skip to interviewer instructions before SXPGN4N4 (partner's gender-partner 4). If respondent refused to provide name for partner4 (SX_NM4N4 = 7), skip to serosorting section (Say box before SEROSRT1).* *If SX_TOTN4 = 5 AND respondent provided name for partner 5 (SX_NM5N4 not equal to 7), skip to interviewer instructions before SXPGN5N4 (partner's gender-partner 5). If respondent refused to provide name for partner*					

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4]***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
5 (SX_NM5N4 = 7), skip to serosorting section (Say box before SEROSRT1). ***<u>Skip partner gender questions if the respondent had sex with only one gender:</u>*** *If SXTGONN4 (transgender only partners) = 1, OR SXFMONN4 (female only partners) = 1 OR SXMLONN4 (male only partners) = 1 then skip SXPGN1N4 (partner's gender-partner 1), SXPGN2N4 (partner's gender-partner 2), SXPGN3N4 (partner's gender-partner 3), SXPGN4N4 (partner's gender-partner 4), and SXPGN5N4 (partner's gender-partner 5) and go to the SAY box for SXPAG1N4 (partner age-partner 1), SXPAG2N4 (partner age-partner 2), SXPAG3N4 (partner age-partner 3), SXPAG4N4 (partner age-partner 4), and SXPAG5N4 (partner age-partner 5).* *Otherwise, go to SXPGN1N4 (partner gender-partner 1) when answering partner 1 series questions, SXPGN2N4 (partner gender-partner 2) when answering partner 2 series questions, SXPGN3N4 (partner gender-partner 3) when answering partner 3 series questions, SXPGN4N4 (partner gender-partner 4) when answering partner 4 series questions, or SXPGN5N4 (partner gender-partner 5) when answering partner 5 series questions.*				
SP.1.0. Is ***[INSERT PARTNER NAME]*** male, female, or transgender? ***[READ CHOICES. CHECK ONLY ONE.]***	*[SXPGN1N4]*	*[SXPGN2N4]*	*[SXPGN3N4]*	*[SXPGN4N4]*	*[SXPGN5N4]*
Male 1	1	1	1	1	1
Female 2	2	2	2	2	2
Transgender 3	3	3	3	3	3
Refused to answer 7	7	7	7	7	7
Don't know 8	8	8	8	8	8
	If response is 1, 2, 3, 7, or 8, go to SXPAG1N4 (partner age-partner 1).	*If response is 1, 2, 3, 7, or 8, go to SXPAG2N4 (partner age-partner 2).*	*If response is 1, 2, 3, 4, or 7, go to SXPAG3N4 (partner age-partner 3.*	*If response is 1, 2, 3, 4, or 7, go to SXPAG4N4 (partner age-partner 4).*	*If response is 1, 2, 3, 4, or 7, go to SXPAG5N4 (partner age-partner 5).*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4]***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
QDS programming note for SXPGN1N4 (partner gender-partner 1), SXPGN2N4 (partner gender-partner 2), SXPGN3N4 (partner gender-partner 3), SXPGN4N4 (partner gender-partner 4), and SXPGN5N4 (partner gender-partner 5): Variable label for SXPGN1N4 is partner gender-partner 1. Variable label for SXPGN2N4 is partner gender-partner 2. Variable label for SXPGN3N4 is partner gender-partner 3. Variable label for SXPGN4N4 is partner gender-partner 4. Variable label for SXPGN5N4 is partner gender-partner 5. Inconsistency check for SXPGN1N4 [partner gender] If SX_GEN = 2 (female) and [SXPGN1N4] or [SXPGN2N4] or [SXPGN3N4] or [SXPGN41N4] or [SXPGN5N4] is female, display the following message: "Only include partners with whom you had vaginal or anal sex. Remember, for these questions, vaginal sex means penis in the vagina and anal sex means penis in the anus. Interviewer instructions: Return to previous question if necessary." Allow survey to move forward. Else, go to Say Box before SXPAG1N4 [partner1 age] for partner 1, SXPAG2N4 [partner 2 age] for partner 2, SXPAG3N4 [partner 3 age] for partner 3, SXPAG4N4 [partner 4 age] for partner 4, SXPAG5N4 [partner 5 age] for partner 5.					
SAY box for SXPAG1N4 (partner age-partner 1), SXPAG2N4 (partner age-partner 2), SXPAG3N4 (partner age-partner 3), SXPAG4N4 (partner age-partner 4), and SXPAG5N4 (partner age-partner 5) ***SAY:*** *"For the next question we will use* ***Response Card K-1****."*					
SP.2.0. Which of the following age groups best describes ***[INSERT PARTNER NAME]***? ***[READ CHOICES. CHECK ONLY ONE.]***	*[SXPAG1N4]*	*[SXPAG2N4]*	*[SXPAG3N4]*	*[SXPAG4N4]*	*[SXPAG5N4]*
≤24 years old 1	1	1	1	1	1
25-29 years old 2	2	2	2	2	2
30-34 years old 3	3	3	3	3	3
35-39 years old 4	4	4	4	4	4
40-44 years old 5	5	5	5	5	5

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4]***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
45-49 years old 6	6	6	6	6	6
>=50 years old 7	7	7	7	7	7
Refused to answer 77	77	77	77	77	77
Don't know 88	88	88	88	88	88
	For all responses, go to Say box before SXPEN1N4 (partner ethnicity-partner 1).	*For all responses, go to SXPEN2N4 (partner ethnicity-partner 2).*	*For all responses, go to SXPEN3N4 (partner ethnicity-partner 3).*	*For all responses, go to SXPEN4N4 (partner ethnicity-partner 4).*	*For all responses, go to SXPEN5N4 (partner ethnicity-partner 5).*
QDS programming note for SXPAG1N4 (partner age-partner 1), SXPAG2N4 (partner age-partner 2), SXPAG3N4 (partner age-partner 3), SXPAG4N4 (partner age-partner 4), and SXPAG5N4 (partner age-partner 5): Variable label for SXPAG1N4 is partner age-partner 1. Variable label for SXPAG2N4 is partner age-partner 2. Variable label for SXPAG3N4 is partner age-partner 3. Variable label for SXPAG4N4 is partner age-partner 4. Variable label for SXPAG5N4 is partner age-partner 5.					
SAY: "The next two questions ask about partners' race and ethnicity. We're asking them to better understand the health of all groups."					
SP.3.0. Is ***[INSERT PARTNER NAME]*** Hispanic, Latino/a, or of Spanish origin? If you're not sure, give me your best guess.	*[SXPEN1N4]*	*[SXPEN2N4]*	*[SXPEN3N4]*	*[SXPEN4N4]*	*[SXPEN5N4]*
No 0	0	0	0	0	0
Yes 1	1	1	1	1	1

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4]***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
Refused to answer 7	7	7	7	7	7
Don't know 8	8	8	8	8	8
	For all responses, go to SXPR1N4 (partner race-partner 1).	*For all responses, go to SXPR2N4 (partner race-partner 2).*	*For all responses, go to SXPR3N4 (partner race-partner 3).*	*For all responses, go to SXPR4N4 (partner race-partner 4).*	*For all responses, go to SXPR5N4 (partner race-partner 5).*
QDS programming note for SXPEN1N4 (partner ethnicity-partner 1), SXPEN2N4 (partner ethnicity-partner 2), SXPEN3N4 (partner ethnicity-partner 3), SXPEN4N4 (partner ethnicity-partner 4), and SXPEN5N4 (partner ethnicity-partner 5): Variable label for SXPEN1N4 is partner ethnicity-partner 1. Variable label for SXPEN2N4 is partner ethnicity-partner 2. Variable label for SXPEN3N4 is partner ethnicity-partner 3. Variable label for SXPEN4N4 is partner ethnicity-partner 4. Variable label for SXPEN5N4 is partner ethnicity-partner 5.					
SP.4.0. Which of the following racial group or groups best describes ***[INSERT PARTNER NAME]***? Please choose all that apply. If you're not sure, give me your best guess. ***[READ CHOICES. CHECK ALL THAT APPLY.]***	*[SXPR1N4]*	*[SXPR2N4]*	*[SXPR3N4]*	*[SXPR4N4]*	*[SXPR5N4]*
American Indian or Alaskan Native 1	1 *[SXPR1N4A]*	1 *[SXPR2N4A]*	1 *[SXPR3N4A]*	1 *[SXPR4N4A]*	1 *[SXPR5N4A]*
Asian 2					

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4]***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
Black or African American 3	2 *[SXPR1N4B]*	2 *[SXPR2N4B]*	2 *[SXPR3N4B]*	2 *[SXPR4N4B]*	2 *[SXPR5N4B]*
Native Hawaiian or Other Pacific Islander 4	3 *[SXPR1N4C]*	3 *[SXPR2N4C]*	3 *[SXPR3N4C]*	3 *[SXPR4N4C]*	3 *[SXPR5N4C]*
White 5	4 *[SXPR1N4D]*	4 *[SXPR2N4D]*	4 *[SXPR3N4D]*	4 *[SXPR4N4D]*	4 *[SXPR5N4D]*
Refused to answer 7	5 *[SXPR1N4E]*	5 *[SXPR2N4E]*	5 *[SXPR3N4E]*	5 *[SXPR4N4E]*	5 *[SXPR5N4E]*
Don't know 8	7	7	7	7	7
	8	8	8	8	8
	For all responses, go to SXPCM1N4 (commitment-partner 1).	*For all responses, go to SXPCM2N4 commitment-partner 2).*	*For all responses, go to SXPCM3N4 commitment-partner 3).*	*For all responses, go to SXPCM4N4 commitment-partner 4).*	*For all responses, go to SXPCM5N4 commitment-partner 5).*

QDS programming note for SXPRC1N4 (race-partner 1), SXPRC2N4 (race-partner 2), SXPRC3N4 (race-partner 3), SXPRC4N4 (race-partner 4), and SXPRC5N4 (race -partner 5):
Variable label for SXPRC1N4 is race-partner 1.
Variable label for SXPRC2N4 is race-partner 2.
Variable label for SXPRC3N4 is race-partner 3.
Variable label for SXPRC4N4 is race-partner 4.
Variable label for SXPRC5N4 is race-partner 5.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4]***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
SP.5.0. How would you describe your level of commitment to ***[INSERT PARTNER NAME]***? Are you… ***[READ CHOICES. CHECK ONLY ONE.]***	*[SXPCM1N4]*	*[SXPCM2N4]*	*[SXPCM3N4]*	*[SXPCM4N4]*	*[SXPCM5N4]*
Not at all committed 1	1	1	1	1	1
Somewhat committed 2	2	2	2	2	2
Very committed 3	3	3	3	3	3
Committed to above and beyond anyone else 4	4	4	4	4	4
Refused to answer 7	7	7	7	7	7
Don't know 8	8	8	8	8	8
	For all responses, go to interviewer instructions before SX_VS1N4 (vaginal sex-partner 1).	*For all responses, go to interviewer instructions before SX_VS2N4 (vaginal sex-partner 2).*	*For all responses, go to interviewer instructions before SX_VS3N4 (vaginal sex-partner 3).*	*For all responses, go to interviewer instructions before SX_VS4N4 (vaginal sex-partner 3).*	*For all responses, go to interviewer instructions before SX_VS5N4 (vaginal sex-partner 4).*

QDS programming note for SXPCM1N4 (commitment-partner 1), SXPCM2N4 (commitment-partner 2), SXPCM3N4 (commitment-partner 3), SXPCM4N4 (commitment-partner 4), and SXPCM5N4 (commitment-partner 5):
Variable label for SXPCM1N4 is commitment-partner 1.
Variable label for SXPCM2N4 is commitment-partner 2.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4]***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
Variable label for SXPCM3N4 is commitment-partner 3. Variable label for SXPCM4N4 is commitment-partner 4. Variable label for SXPCM5N4 is commitment-partner 5.					

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Vaginal sex (SV)

Questions	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4]***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
Instructions for vaginal sex partner-by-partner series table: The questions and response options are in the far left column of the table. Each question is asked for partners 1–5. Partners 1-5 are labeled in columns Partner 1, Partner 2, Partner 3, Partner 4, and Partner 5. All Partner 1 questions are asked before moving to Partner 2 questions. Detailed instructions are provided in each table cell. When question instructions say "insert partner name," and the variable is in the Partner 1 column, then insert response from SX_NM1N4 (name of partner 1). When question instructions say "insert partner name," and variable is in the Partner 2 column, insert response to SX_NM2N4 (name of partner 2). When question instructions say "insert partner name," and variable is in the same column as Partner 3, insert response to SX_NM3N4 (name of partner 3). When question instructions say "insert partner name," and variable is in the same column as Partner 4, insert response to SX_NM4N4 (name of partner 4). When question instructions say "insert partner name," and variable is in the same column as Partner 5, insert response to SX_NM5N4 (name of partner 5).					
Interviewer instructions before SX_VS1N4 (vaginal-partner 1), SX_VS2N4 (vaginal-partner 2), SX_VS3N4 (vaginal-partner 3), SX_VS4N4 (vaginal-partner 4), and SX_VS5N4 (vaginal-partner 5): ***Transgender/unknown gender respondent****: If the respondent is transgender (SX_GEN=3) or unknown gender (SX_GEN=4), then skip to transgender and unknown gender partner-by-partner series table (SX_TG1N4 [transgender partner 1], SX_TG2N4 [transgender partner 2], SX_TG3N4 [transgender partner 3], SX_TG4N4 [transgender partner 4], or SX_TG5N4 [transgender partner 5]).* ***Transgender/unknown gender partner:*** *If the respondents' partner(s) is(are) transgender[If SXTGONN4 = 1 (transgender only partner) OR (SXPGN1N4 (partner 1 gender), SXPGN2N4 (partner 2 gender), SXPGN3N4 (partner 3 gender), SXPGN4N4 (partner 4 gender), SXPGN5N4 (partner 5 gender) = 3, don't know, or refused to answer], then skip to transgender and unknown gender partner-by-partner series table (SX_TG1N4 [transgender partner 1], SX_TG2N4 [transgender partner 2], SX_TG3N4 [transgender partner 3], SX_TG4N4 [transgender partner 4], or SX_TG5N4 [transgender partner 5]).* ***Male-male partners****: If the respondent is male (SX_GEN=1), and he reports only male partners (SXMLONN4 = 1), then skip to anal sex partner-by-partner series table (SXANL1N4 [anal sex-partner1], SXANL2N4 [anal sex-partner 2], SXANL3N4 [anal sex-partner 3], SXANL4N4 [anal sex-partner 4], or SXANL5N4 [anal sex-partner 5]).*					

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4]***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
Female respondent female partner: *If the respondent is female (SX_GEN=2) and* SX_TOTN4 = 1, skip to serosorting section *(Say box before SEROSRT1). If 2 ≤* SX_TOTN4 ≤ 5, *skip to interviewer instructions before SXPGN2N4 (partner's gender-partner 2), SXPGN3N4 (partner's gender-partner 3, SXPGN4N4 (partner's gender-partner 4), or SXPGN5N4 (partner's gender-partner 5). If* SX_TOTN4 ≥ 6, skip to serosorting section *(Say box before SEROSRT1).* ***Otherwise****: go to vaginal sex partner-by-partner series table (SX_VS1N4 [vaginal-partner 1], SX_VS2N4 [vaginal-partner 2], SX_VS3N4 [vaginal-partner 3], SX_VS4N4 [vaginal-partner 4], or SX_VS5N4 [vaginal-partner 5]).*					
SV.1.0. During the **past 12 months**, did you have vaginal sex with ***[INSERT PARTNER NAME]***?	*[SX_VS1N4]*	*[SX_VS2N4]*	*[SX_VS3N4]*	*[SX_VS4N4]*	*[SX_VS5N4]*
No 0	0 *Skip to SXANL1N4 (anal sex-partner 1)*	0 *Skip to SXANL2N4 (anal sex-partner 2)*	0 *Skip to SXANL3N4 (anal sex-partner 3)*	0 *Skip to SXANL4N4 (anal sex-partner 4)*	0 *Skip to SXANL5N4 (anal sex-partner 5)*
Yes 1	1 *Go to SV10_1N4 (vaginal10-partner 1)*	1 *Go to SV10_2N4 (vaginal10-partner 2)*	1 *Go to SV10_3N4 (vaginal10-partner 3)*	1 *Go to SV10_4N4 (vaginal10-partner 4)*	1 *Go to SV10_5N4 (vaginal10-partner 5)*
Refused to answer 7	7 *Skip to SXANL1N4 (anal sex-partner 1)*	7 *Skip to SXANL2N4 (anal sex-partner 2)*	7 *Skip to SXANL3N4 (anal sex-partner 3)*	7 *Skip to SXANL4N4 (anal sex-partner 4)*	7 *Skip to SXANL5N4 (anal sex-partner 5)*
Don't know 8	8 *Skip to SXANL1N4 (anal sex-*	8 *Skip to SXANL2N4 (anal sex-*	8 *Skip to SXANL3N4 (anal sex-*	8 *Skip to SXANL4N4 (anal sex-*	8 *Skip to SXANL5N4 (anal sex-*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4]***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
	partner 1)	*partner 2)*	*partner 3)*	*partner 4)*	*partner 5)*
QDS programming note for SX_VS1N4 (vaginal sex-partner 1), SX_VS2N4 (vaginal sex-partner 2), SX_VS3N4 (vaginal sex-partner 3), SX_VS4N4 (vaginal sex-partner 4), SX_VS5N4 (vaginal sex-partner 5): Variable label for SX_VS1N4 is vaginal sex-partner 1. Variable label for SX_VS2N4 is vaginal sex-partner 2. Variable label for SX_VS3N4 is vaginal sex-partner 3. Variable label for SX_VS4N4 is vaginal sex-partner 4. Variable label for SX_VS5N4 is vaginal sex-partner 5.					
SV.1.1. During the **past 12 months**, did you have vaginal sex with ***[INSERT PARTNER NAME]*** more than 10 times? ***[READ CHOICES. CHECK ONLY ONE.]***	*[SV10_1N4]*	*[SV10_2N4]*	*[SV10_3N4]*	*[SV10_4N4]*	*[SV10__5N4]*
No 0	0 *Go to SXVEN1N4 (times vaginal sex-partner 1).*	0 *Go to SXVEN2N4 (times vaginal sex-partner 2).*	0 *Go to SXVEN3N4 (times vaginal sex-partner 3).*	0 *Go to SXVEN4N4 (times vaginal sex-partner 4).*	0 *Go to SXVEN5N4 (times vaginal sex-partner 5).*
Yes 1	1 *Skip to SXANV1N4 (average number vaginal-partner 1).*	1 *Skip to SXANV2N4 (average number vaginal-partner 2).*	1 *Skip to SXANV3N4 (average number vaginal-partner 3).*	1 *Skip to SXANV4N4 (average number vaginal-partner 4).*	1 *Skip to SXANV5N4 (average number vaginal-partner 5).*
Refused to answer 7	7 *Skip to SXANL1N4 (anal sex-partner 1)*	7 *Skip to SXANL2N4 (anal sex-partner 2)*	7 *Skip to SXANL3N4 (anal sex-partner 3)*	7 *Skip to SXANL4N4 (anal sex-partner 4)*	7 *Skip to SXANL5N4 (anal sex-partner5)*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4]***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
Don't know 8	8 *Skip to SXANL1N4 (anal sex-partner 1)*	8 *Skip to SXANL2N4 (anal sex-partner 2)*	8 *Skip to SXANL3N4 (anal sex-partner 3)*	8 *Skip to SXANL4N4 (anal sex-partner 4)*	8 *Skip to SXANL5N4 (anal sex-partner 5)*
QDS programming note for SV10_1N4 (vaginal 10-partner 1), SV10+2N4 (vaginal 10-partner 2), SV10_3N4 (vaginal 10-partner 3), SV10_4N4 (vaginal 10-partner 4), SV10_5N4 (vaginal 10-partner 5): Variable label for SV10_1N4 is vaginal 10-partner 1. Variable label for SV10_2N4 is vaginal 10-partner 2. Variable label for SV10_3N4 is vaginal 10-partner 3. Variable label for SV10_4N4 is vaginal 10-partner 4. Variable label for SV10_5N4 is vaginal 10-partner 5.					
SV.1.2. During the **past 12 months**, please tell me the exact number of times that you had vaginal sex with ***[INSERT PARTNER NAME]***? __ __	*[SXVEN1N4]* __ __ *Skip to Say box before SXVC1AN4 (condom vaginal-partner 1a).*	*[SXVEN2N4]* __ __ *Skip to instructions before SXVC2AN4 (condom vaginal-partner 2a).*	*[SXVEN3N4]* __ __ *Skip to instructions before SXVC3AN4 (condom vaginal-partner 3a).*	*[SXVEN4N4]* __ __ *Skip to instructions before SXVC4AN4 (condom vaginal-partner 4a).*	*[SXVEN5N4]* __ __ *Skip to instructions before SXVC5AN4 (condom vaginal-partner 5a).*
Refused to answer 77	77 *Skip to SXANL1N4 (anal sex-partner 1)*	77 *Skip to SXANL2N4 (anal sex-partner 2)*	77 *Skip to SXANL3N4 (anal sex-partner 3)*	77 *Skip to SXANL4N4 (anal sex-partner 4)*	77 *Skip to SXANL5N4 (anal sex-partner 5)*
Don't know 88	88 *Skip to*	88 *Skip to*	88 *Skip to*	88 *Skip to*	88 *Skip to*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4]***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
	SXANL1N4 (anal sex-partner 1)	*SXANL2N4 (anal sex-partner 2)*	*SXANL3N4 (anal sex-partner 3)*	*SXANL4N4 (anal sex-partner 4)*	*SXANL5N4 (anal sex-partner 5)*
QDS programming note for SXVEN1N4 (times vaginal sex-partner 1), SXVEN2N4 (times vaginal sex-partner 2), SXVEN3N4 (times vaginal sex-partner 3), SXVEN4N4 (times vaginal sex-partner 4), and SXVEN5N4 (times vaginal sex-partner 5): Range 1–10. If response to SXVEN1N4 (times vaginal sex-partner 1), SXVEN2N4 (times vaginal sex-partner 2), SXVEN3N4 (times vaginal sex-partner 3), SXVEN4N4 (times vaginal sex-partner 4), and SXVEN5N4 (times vaginal sex-partner 5) is out of range, display the following message: "Number too big (if >10) or too small (if = 0)" Confirm response and if necessary return to previous question." Variable label for SXVEN1N4 is times vaginal sex-partner 1. Variable label for SXVEN2N4 is times vaginal sex-partner 2. Variable label for SXVEN3N4 is times vaginal sex-partner 3. Variable label for SXVEN4N4 is times vaginal sex-partner 4. Variable label for SXVEN5N4 is times vaginal sex-partner 5.					
SV.1.3. On average, how many times did you have <u>vaginal</u> sex with ***[INSERT PARTNER NAME]*** per month? ___ ___	*[SXANV1N4]* ___ ___ *Go to SXMVG1N4 (months vaginal sex-partner 1).*	*[SXANV2N4]* ___ ___ *Go to SXMVG2N4 (months vaginal sex-partner 2).*	*[SXANV3N4]* ___ ___ *Go to SXMVG3N4 (months vaginal sex-partner 3).*	*[SXANV4N4]* ___ ___ *Go to SXMVG4N4 (months vaginal sex-partner 4).*	*[SXANV5N4]* ___ ___ *Go to SXMVG5N4 (months vaginal sex-partner 5).*
Refused to answer 777	777 *Go to SXMVG1N4 (months vaginal sex-*	777 *Go to SXMVG2N4 (months vaginal sex-*	777 *Go to SXMVG3N4 (months vaginal sex-*	777 *Go to SXMVG4N4 (months vaginal sex-*	777 *Go to SXMVG5N4 (months vaginal sex-*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4]***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
	partner 1).	*partner 2).*	*partner 3).*	*partner 4).*	*partner 5).*
Don't know 888	888	888	888	888	888
	Go to SXMVG1N4 (months vaginal sex-partner 1).	*Go to SXMVG2N4 (months vaginal sex-partner 2).*	*Go to SXMVG3N4 (months vaginal sex-partner 3).*	*Go to SXMVG4N4 (months vaginal sex-partner 4).*	*Go to SXMVG5N4 (months vaginal sex-partner 5).*
QDS programming note for SXANV1N4 (average number vaginal-partner 1), SXANV2N4 (average number vaginal-partner 2), SXANV3N4 (average number vaginal-partner 3), SXANV4N4 (average number vaginal-partner 4), and SXANV5N4 (average number vaginal-partner 5): Range 1–90. Variable label for SXANV1N4 is average number vaginal-partner 1. Variable label for SXANV2N4 is average number vaginal-partner 2. Variable label for SXANV3N4 is average number vaginal-partner 3. Variable label for SXANV4N4 is average number vaginal-partner 4. Variable label for SXANV5N4 is average number vaginal-partner 5.					
SV.1.4. During the **past 12 months**, how many months did you have <u>vaginal</u> sex with ***[INSERT PARTNER NAME]***?	*[SXMVG1N4]*	*[SXMVG2N4]*	*[SXMVG3N4]*	*[SXMVG4N4]*	*[SXMVG5N4]*
___ ___ months	___ ___	___ ___	___ ___	___ ___	___ ___
Refused to answer 77	77	77	77	77	77
Don't know 88	88	88	88	88	88
	For all responses, go to Say box before SXVC1AN4	*For all responses, skip to instructions before*	*For all responses, skip to instructions before*	*For all responses, skip to instructions before*	*For all responses, skip to instructions before*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4]***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
	(condom vaginal-partner 1a).	*SXVC2AN4 (condom vaginal-partner 2a).*	*SXVC3AN4 (condom vaginal-partner 3a).*	*SXVC4AN4 (condom vaginal-partner 4a).*	*SXVC5AN4 (condom vaginal-partner 5a).*
QDS programming note for SXMVG1N4 (months vaginal sex-partner 1), SXMVG2N4 (months vaginal sex-partner 2), SXMVG3N4 (months vaginal sex-partner 3), SXMVG4N4 (months vaginal sex-partner 4), and SXMVG5N4 (months vaginal sex-partner 5): Range 1–12. Variable label for SXMVG1N4 is months vaginal sex-partner 1. Variable label for SXMVG2N4 is months vaginal sex-partner 2. Variable label for SXMVG3N4 is months vaginal sex-partner 3. Variable label for SXMVG4N4 is months vaginal sex-partner 4. Variable label for SXMVG5N4 is months vaginal sex-partner 5.					
SAY box before SXVC1AN4 (condom vaginal-partner 1a): SAY: "The next question is about condom use. Please include when a condom was used the entire time, not only part of the time during sex."					
Interviewer instructions before SXVC1AN4 (condom vaginal-partner 1a), SXVC2AN4 (condom vaginal-partner 2a), SXVC3AN4 (condom vaginal-partner 3a), SXVC4AN4 (condom vaginal-partner 4a), SXVC5AN4 (condom vaginal-partner 5a): *If SXVEN1N4 (times vaginal sex-partner 1) = 1, then go to SXVC1AN4 (condom vaginal-partner 1a); otherwise skip to SXVC1BN4 (condom vaginal-partner 1b).* *If SXVEN2N4 (times vaginal sex-partner 2) = 1, then go to SXVC2AN4 (condom vaginal-partner 2a); otherwise skip to SXVC2BN4 (condom vaginal-partner 2b).* *If SXVEN3N4 (times vaginal sex-partner 3) =1, then go to SXVC3AN4 (condom vaginal-partner 3a); otherwise skip to SXVC3BN4 (condom vaginal-partner 3b).* *If SXVEN4N4 (times vaginal sex-partner 4) = 1, then go to SXVC4AN4 (condom vaginal-partner 4a); otherwise skip to SXVC4BN4 (condom vaginal-partner 4b).* *If SXVEN5N4 (times vaginal sex-partner 5) = 1, then go to SXVC4AN4 (condom vaginal-partner 5a); otherwise skip to SXVC5BN4 (condom vaginal-partner 5b).*					
SV.1.5.a. During the **past 12**	*[SXVC1AN4]*	*[SXVC2AN4]*	*[SXVC3AN4]*	*[SXVC4AN4]*	*[SXVC5AN4]*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions		Sexual Partners				
		Partner 1 ***[Insert partner name SX_NM1N4]***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
months, when you had vaginal sex with ***[INSERT PARTNER NAME]*** was a condom used?						
No	0	0	0	0	0	0
Yes	1	1	1	1	1	1
Refused to answer	7	7	7	7	7	7
Don't know	8	8	8	8	8	8
		For all responses, skip to SXANL1N4 (anal sex-partner 1).	*For all responses, skip to SXANL2N4 (anal sex-partner 2).*	*For all responses, skip to SXANL3N4 (anal sex-partner 3).*	*For all responses, skip to SXANL4N4 (anal sex-partner 4).*	*For all responses, skip to SXANL5N4 (anal sex-partner 5).*
QDS programming note for SXVC1AN4 (condom vaginal-partner 1a), SXVC2AN4 (condom vaginal-partner 2a), SXVC3AN4 (condom vaginal-partner 3a), SXVC4AN4 (condom vaginal-partner 4a), SXVC5AN4 (condom vaginal-partner 5a): Variable label for SXVC1AN4 is condom vaginal-partner 1a. Variable label for SXVC2AN4 is condom vaginal-partner 2a. Variable label for SXVC3AN4 is condom vaginal-partner 3a. Variable label for SXVC4AN4 is condom vaginal-partner 4a. Variable label for SXVC5AN4 is condom vaginal-partner 5a.						
SV.1.5.b. During the **past 12 months,** when you had vaginal sex with ***[INSERT PARTNER NAME]*** was a condom used... ***[READ CHOICES. CHECK ONLY ONE.]***		*[SXVC1BN4]*	*[SXVC2BN4]*	*[SXVC3BN4]*	*[SXVC4BN4]*	*[SXVC5BN4]*
Never- not even once	1	1	1	1	1	1

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions		Sexual Partners				
		Partner 1 ***[Insert partner name SX_NM1N4]***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
One or more times	2	2	2	2	2	2
Absolutely every time	3	3	3	3	3	3
Refused to answer	7	7	7	7	7	7
Don't know	8	8	8	8	8	8
		For all responses, go to SXANL1N4 (anal sex-partner 1).	*For all responses, go to SXANL2N4 (anal sex-partner 2).*	*For all responses, go to SXANL3N4 (anal sex-partner 3).*	*For all responses, go to SXANL4N4 (anal sex-partner 4).*	*For all responses, go to SXANL5N4 (anal sex-partner 5).*

QDS programming note for SXVC1BN4 (condom vaginal-partner 1b), SXVC2BN4 (condom vaginal-partner 2b), SXVC3BN4 (condom vaginal-partner 3b), SXVC4BN4 (condom vaginal-partner 4b), SXVC5BN4 (condom vaginal-partner 5b):

Variable label for SXVC1BN4 is condom vaginal-partner 1b.
Variable label for SXVC2BN4 is condom vaginal-partner 2b.
Variable label for SXVC3BN4 is condom vaginal-partner 3b.
Variable label for SXVC4BN4 is condom vaginal-partner 4b.
Variable label for SXVC5BN4 is condom vaginal-partner 5b.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Anal sex (SL)

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
Instructions for anal partner-by-partner series table: The questions and response options are in the far left column of the table. Each question is asked for partners 1–5. Partners 1-5 are labeled in columns Partner 1, Partner 2, Partner 3, Partner 4, and Partner 5. All Partner 1 questions are asked before moving to Partner 2 questions. Detailed instructions are provided in each table cell. When question instructions say "insert partner name," and the variable is in the Partner 1 column, then insert response from SX_NM1N4 (name of partner 1). When question instructions say "insert partner name," and variable is in the Partner 2 column, insert response to SX_NM2N4 (name of partner 2). When question instructions say "insert partner name," and variable is in the same column as Partner 3, insert response to SX_NM3N4 (name of partner 3). When question instructions say "insert partner name," and variable is in the same column as Partner 4, insert response to SX_NM4N4 (name of partner 4). When question instructions say "insert partner name," and variable is in the same column as Partner 5, insert response to SX_NM5N4 (name of partner 5).					
SL.1.0. During the **past 12 months**, did you have <u>anal</u> sex with ***[INSERT PARTNER NAME]***?	*[SXANL1N4]*	*[SXANL2N4]*	*[SXANL3N4]*	*[SXANL4N4]*	*[SXANL5N4]*
No 0	0 *Skip to STATS1N4 (aware status-partner 1)*	0 *Skip to STATS2N4 (aware status-partner 2)*	0 *Skip to STATS3N4 (aware status-partner 3)*	0 *Skip to STATS4N4 (aware status-partner 4)*	0 *Skip to STATS5N4 (aware status-partner 5)*
Yes 1	1 *Go to SA10_1N4 (anal 10-partner 1).*	1 *Go to SA10_2N4 (anal 10-partner 2).*	1 *Go to SA10_3N4 (anal 10-partner 3).*	1 *Go to SA10_4N4 (anal 10-partner 4).*	1 *Go to SA10_5N4 (anal 10-partner 5).*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question		Sexual Partners				
		Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
Refused to answer	7	7 *Skip to STATS1N4 (aware status-partner 1)*	7 *Skip to STATS2N4 (aware status-partner 2)*	7 *Skip to STATS3N4 (aware status-partner 3)*	7 *Skip to STATS4N4 (aware status-partner 4)*	7 *Skip to STATS5N4 (aware status-partner 5)*
Don't know	8	8 *Skip to STATS1N4 (aware status-partner 1)*	8 *Skip to STATS2N4 (aware status-partner 2)*	8 *Skip to STATS3N4 (aware status-partner 3)*	8 *Skip to STATS4N4 (aware status-partner 4)*	8 *Skip to STATS5N4 (aware status-partner 5)*

QDS programming note for SXANL1N4 (anal sex-partner 1), SXANL2N4 (anal sex-partner 2), SXANL3N4 (anal sex-partner 3), SXANL4N4 (anal sex-partner 4), SXANL5N4 (anal sex-partner 5):

Variable label for SXANL1N4 is anal sex-partner 1.
Variable label for SXANL2N4 is anal sex-partner 2.
Variable label for SXANL3N4 is anal sex-partner 3.
Variable label for SXANL4N4 is anal sex-partner 4.
Variable label for SXANL5N4 is anal sex-partner 5.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

QDS programming note for SXANL1N4 (anal sex-partner 1), SXANL2N4 (anal sex-partner 2), SXANL3N4 (anal sex-partner 3), SXANL4N4 (anal sex-partner 4), SXANL5N4 (anal sex-partner 5) continued:

No vaginal or anal sex partners reported among respondents who previously said they had vaginal or anal sex:
If SX_VS1N4 (vaginal sex-partner 1) is 0 (no) AND SXANL1N4 (anal sex-partner 1) is 0 (no), then display the following message: "Earlier you told me that you had vaginal or anal sex with **[INSERT partner name SX_NM1N4]**. Is this correct? **Interviewer instructions: return to previous questions to correct error.**" Allow program to move forward.

If SX_VS2N4 (vaginal sex-partner 2) is 0 (no) AND SXANL2N4 (anal sex-partner 2) is 0 (no), then display the following message: "Earlier you told me that you had vaginal or anal sex with **[INSERT partner name SX_NM2N4]**. Is this correct? **Interviewer instructions: return to previous questions to correct error.**" Allow program to move forward.

If SX_VS3N4 (vaginal sex-partner 3) is 0 (no) AND SXANL3N4 (anal sex-partner 3) is 0 (no), then display the following message: "Earlier you told me that you had vaginal or anal sex with **[INSERT partner name SX_NM3N4]**. Is this correct? **Interviewer instructions: return to previous questions to correct error.**" Allow program to move forward.

If SX_VS4N4 (vaginal sex-partner 4) is 0 (no) AND SXANL4N4 (anal sex-partner 4) is 0 (no), then display the following message: "Earlier you told me that you had vaginal or anal sex with **[INSERT partner name SX_NM4N4]**. Is this correct? **Interviewer instructions: return to previous questions to correct error.**" Allow program to move forward.

If SX_VS5N4 (vaginal sex-partner 5) is 0 (no) AND SXANL5N4 (anal sex-partner 1) is 0 (no), then display the following message: "Earlier you told me that you had vaginal or anal sex with **[INSERT partner name SX_NM5N4]**. Is this correct? **Interviewer instructions: return to previous questions to correct error.**" Allow program to move forward.

QDS programming note for SXANL1N4 (anal sex-partner 1), SXANL2N4 (anal sex-partner 2), SXANL3N4 (anal sex-partner 3), SXANL4N4 (anal sex-partner 4), SXANL5N4 (anal sex-partner 5) continued:

No anal sex partners reported among male respondents who previously said they had only male partners:
If SX_GEN (sex gender) = 1 (male) and (If SXPGN1N4 = 1 OR SXMLONN4 (male only partners) = 1) and SXANL1N4 (anal sex-partner 1) is 0 (no), then display the following message: "Earlier you told me that you had vaginal or anal sex with **[INSERT partner name SX_NM1N4]**. Is this correct? **Interviewer instructions: return to previous questions to correct error.**" Allow program to move forward.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
If SX_GEN (sex gender) = 1 (male) and (If SXPGN2N4 = 1 OR SXMLONN4 (male only partners) = 1) and SXANL2N4 (anal sex-partner 2) is 0 (no), then display the following message: "Earlier you told me that you had vaginal or anal sex with **[INSERT partner name SX_NM2N4]**. Is this correct? **Interviewer instructions: return to previous questions to correct error."** Allow program to move forward. If SX_GEN (sex gender) = 1 (male) and (If SXPGN3N4 = 1 OR SXMLONN4 (male only partners) = 1) and SXANL3N4 (anal sex-partner 3) is 0 (no), then display the following message: "Earlier you told me that you had vaginal or anal sex with **[INSERT partner name SX_NM3N4]**. Is this correct? **Interviewer instructions: return to previous questions to correct error.**" Allow program to move forward. If SX_GEN (sex gender) = 1 (male) and (If SXPGN4N4 = 1 OR SXMLONN4 (male only partners) = 1) and SXANL4N4 (anal sex-partner 4) is 0 (no), then display the following message: "Earlier you told me that you had vaginal or anal sex with **[INSERT partner name SX_NM4N4]**. Is this correct? **Interviewer instructions: return to previous questions to correct error.**" Allow program to move forward. If SX_GEN (sex gender) = 1 (male) and (If SXPGN5N4 = 1 OR SXMLONN4 (male only partners) = 1) and SXANL5N4 (anal sex-partner 1) is 0 (no), then display the following message: "Earlier you told me that you had vaginal or anal sex with **[INSERT partner name SX_NM5N4]**. Is this correct? **Interviewer instructions: return to previous questions to correct error.**" Allow program to move forward.					
SL.1.1. During the **past 12 months**, did you have anal sex with ***[INSERT PARTNER NAME]*** more than 10 times? ***[READ CHOICES. CHECK ONLY ONE.]*** No 0	*[SA10_1N4]* 0 *Go to SXAEN1N4 (times anal sex-partner 1).*	*[SA10_2N4]* 0 *Go to SXAEN2N4 (times anal sex-partner 2).*	*[SA10_3N4]* 0 *Go to SXAEN3N4 (times anal sex-partner 3).*	*[SA10_4N4]* 0 *Go to SXAEN4N4 (times anal sex-partner 4).*	*[SA10_5N4]* 0 *Go to SXAEN5N4 (times anal sex-partner 5).*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
Yes 1	1 *Skip to SXANA1N4 (average number anal-partner 1).*	1 *Skip to SXANA2N4 (average number anal-partner 2).*	1 *Skip to SXANA3N4 (average number anal-partner 3).*	1 *Skip to SXANA4N4 (average number anal-partner 4).*	1 *Skip to SXANA5N4 (average number anal-partner 5).*
Refused to answer 7	7 *Skip to STATS1N4 (aware status-partner 1)*	7 *Skip to STATS2N4 (aware status-partner 2)*	7 *Skip to STATS3N4 (aware status-partner 3)*	7 *Skip to STATS4N4 (aware status-partner 4)*	7 *Skip to STATS5N4 (aware status-partner 5)*
Don't know 8	8 *Skip to STATS1N4 (aware status-partner 1)*	8 *Skip to STATS2N4 (aware status-partner 2)*	8 *Skip to STATS3N4 (aware status-partner 3)*	8 *Skip to STATS4N4 (aware status-partner 4)*	8 *Skip to STATS5N4 (aware status-partner 5)*
QDS programming note for SA10_1N4 (anal 10-partner 1), SA10_2N4 (anal 10-partner 2), SA10_3N4 (anal 10-partner 3), SA10_4N4 (anal 10-partner 4), SA10_5N4 (anal 10-partner 5): Variable label for SA10_1N4 is anal 10-partner 1. Variable label for SA10_2N4 is anal 10-partner 2. Variable label for SA10_3N4 is anal 10-partner 3. Variable label for SA10_4N4 is anal 10-partner 4. Variable label for SA10_5N4 is anal 10-partner 5.					
SL.1.2. During the **past 12 months**, please tell me the exact number of times that you had anal sex with ***[INSER***	*[SXAEN1N4]*	*[SXAEN2N4]*	*[SXAEN3N4]*	*[SXAEN4N4]*	*[SXAEN5N4]*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
PARTNER NAME]?					
__ __	__ __	__ __	__ __	__ __	__ __
	Skip to interviewer instructions before SXAC1AN4 (condom anal-partner 1a).	*Skip to interviewer instructions before SXAC2AN4 (condom anal-partner 2a).*	*Skip to interviewer instructions before SXAC3AN4 (condom anal-partner 3a).*	*Skip to interviewer instructions before SXAC4AN4 (condom anal-partner 4a).*	*Skip to interviewer instructions before SXAC5AN4 (condom anal-partner 5a).*
Refused to answer 77	77	77	77	77	77
	Skip to STATS1N4 (aware status-partner 1)	*Skip to STATS2N4 (aware status-partner 2)*	*Skip to STATS3N4 (aware status-partner 3)*	*Skip to STATS4N4 (aware status-partner 4)*	*Skip to STATS5N4 (aware status-partner 5)*
Don't know 88	88	88	88	88	88
	Skip to STATS1N4 (aware status-partner 1)	*Skip to STATS2N4 (aware status-partner 2)*	*Skip to STATS3N4 (aware status-partner 3)*	*Skip to STATS4N4 (aware status-partner 4)*	*Skip to STATS5N4 (aware status-partner 5)*

QDS programming note for SXAEN1N4 (times anal sex-partner 1), SXAEN2N4 (times anal sex-partner 2), SXAEN3N4 (times anal sex-partner 3), SXAEN4N4 (times anal sex-partner 4), SXAEN5N4):
Range 1–10.

Variable label for SXAEN1N4 is times anal sex-partner 1.
Variable label for SXAEN2N4 is times anal sex-partner 2.
Variable label for SXAEN3N4 is times anal sex-partner 3.
Variable label for SXAEN4N4 is times anal sex-partner 4.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
Variable label for SXAEN5N4 is times anal sex-partner 5.					
SL.1.3. On average, how many times did you have anal sex with ***[INSERT PARTNER NAME]*** per month?	*[SXANA1N4]*	*[SXANA2N4]*	*[SXANA3N4]*	*[SXANA4N4]*	*[SXANA5N4]*
___ ___	___ ___	___ ___	___ ___	___ ___	___ ___
Refused to answer 777	777	777	777	777	777
Don't know 888	888	888	888	888	888
	For all responses, go to SXMAN1N4 (months anal sex-partner 1).	*For all responses, go to SXMAN2N4 (months anal sex-partner 2).*	*For all responses, go to SXMAN3N4 (months anal sex-partner 3).*	*For all responses, go to SXMAN4N4 (months anal sex-partner 4).*	*For all responses, go to SXMAN5N4 (months anal sex-partner 5).*
QDS programming SXANA1N4 (average number anal-partner1), SXANA2N4 (average number anal-partner 2), SXANA3N4 (average number anal-partner 3), SXANA4N4 (average number anal-partner 4), SXANA1N4 (average number anal-partner 5): Range 1–90. Variable label for SXANA1N4 is average number anal-partner 1. Variable label for SXANA2N4 is average number anal-partner 2. Variable label for SXANA3N4 is average number anal-partner 3. Variable label for SXANA4N4 is average number anal-partner 4. Variable label for SXANA5N4 is average number anal-partner 5.					
SL.1.4. During the **past 12 months**, how many months did you have anal sex with ***[INSERT PARTNER NAME]***?	*[SXMAN1N4]*	*[SXMAN2N4]*	*[SXMAN3N4]*	*[SXMAN4N4]*	*[SXMAN5N4]*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
___ ___ months	___ ___	___ ___	___ ___	___ ___	___ ___
Refused to answer 77	77	77	77	77	77
Don't know 88	88	88	88	88	88
	For all responses, go to interviewer instructions before SXAC1AN4 (condom anal-partner 1a).	*For all responses, go to interviewer instructions before SXAC2AN4 (condom anal-partner 2a).*	*For all responses, go to interviewer instructions before SXAC3AN4 (condom anal-partner 3a).*	*For all responses, go to interviewer instructions before SXAC4AN4 (condom anal-partner 4a).*	*For all responses, go to interviewer instructions before SXAC5AN4 (condom anal-partner 5a).*

QDS programming note for SXMAN1N4 (months anal sex-partner 1), SXMAN2N4 (months anal sex-partner 2), SXMAN3N4 (months anal sex-partner 3), SXMAN4N4 (months anal sex-partner 4), and SXMAN5N4 (months anal sex-partner 5):
Range 1–12.

Variable label for SXMAN1N4 is months anal sex-partner 1.
Variable label for SXMAN2N4 is months anal sex-partner 2.
Variable label for SXMAN3N4 is months anal sex-partner 3.
Variable label for SXMAN4N4 is months anal sex-partner 4.
Variable label for SXMAN5N4 is months anal sex-partner 5.

Interviewer instructions before SXAC1AN4 (condom anal-partner 1a), SXAC2AN4 (condom anal-partner 2a), SXAC2AN4 (condom anal-partner 3a), SXAC2AN4 (condom anal-partner 4a), SXAC2AN4 (condom anal-partner 5a):

Female-male partner #1-anal sex once*: If the respondent is female (SX_GEN=2) AND partner 1 is male (SXPGN1N4 [partner's gender-partner 1] = 1 [male] or SMLONN4 [male only partners] = 1) AND the*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***

respondent had anal sex with partner 1 only one time (SXAEN1N4 [times anal sex-partner 1] = 1), then go to Say box before SXAC1AN4 (condom anal-partner 1a).

Female-male partner #1-anal sex more than once*: If the respondent is female (SX_GEN=2) AND partner 1 is male (SXPGN1N4 [partner's gender-partner 1] = 1 [male] or SMLONN4 [male only partners]=1) AND the respondent had anal sex with partner 1 more than once (SXAEN1N4 [times anal sex-partner 1] ≥ 2) OR SA10_1N4 (anal 10-partner 1) = "yes," then go to Say box before SXAC1BN4 (condom anal-partner 1b).*

Female-male partners #2, 3, 4, 5-anal sex once*: If the respondent is female (SEX_GEN=2) AND partners 2, 3, 4, or 5 are male (SXPGN2N4 [partner's gender-partner 2] = 1 [male], SXPGN3N4 [partner's gender-partner 3] = 1 [male], SXPGN4N4 [partner's gender-partner 4] = 1 [male], SXPGN5N4 [partner's gender-partner 5] = 1 [male] OR SXMLONN4 [male only partners] = 1) AND the respondent had anal sex with partners 2, 3, 4, or 5 only one time (SXAEN2N4 [times anal sex-partner 2] = 1, SXAEN3N4 [times anal sex-partner 3] = 1, SXAEN4N4 [times anal sex-partner 4] = 1, SXAEN5N4 [times anal sex-partner 5] = 1), then go to SXAC2AN4 (condom anal-partner 2a), SXAC3AN4 (condom anal-partner 3a), SXAC4AN4 (condom anal-partner 4a), or SXAC5AN4 (condom anal-partner 5a).*

Female-male partners #2, 3, 4, 5-anal sex more than once*: If the respondent is female (SX_GEN=2) AND partners 2, 3, 4, or 5 are male (SXPGN2N4 [partner's gender-partner 2] = 1 [male], SXPGN3N4 [partner's gender-partner 3] = 1 [male], SXPGN4N4 [partner's gender-partner 4] = 1 [male], SXPGN5N4 [partner's gender-partner 5] = 1 [male]) OR SXMLONN4 [male only partners] = 1) AND the respondent had anal sex with partners 2, 3, 4, or 5 more than once (SXAEN2N4 [times anal sex-partner 2] ≥ 2, SXAEN3N4 [times anal sex-partner 3] ≥ 2, SXAEN4N4 [times anal sex-partner 4] ≥ 2, SXAEN5N4 [times anal sex-partner 5] ≥ 2 OR SA10_2N4 (anal 10-partner 2) = "yes,", SA10_3N4 (anal 10-partner 3) = "yes,", SA10_4N4 (anal 10-partner 4) = "yes,", SA10_5N4 (anal 10-partner 5) = "yes,", then go to SXAC2BN4 (condom anal-partner 2b), SXAC3BN4 (condom anal-partner 3b), SXAC4BN4 (condom anal-partner 4b), SXAC5BN4 (condom anal-partner 5b).*

Male-female partner #1-anal sex once*: If the respondent is male (SX_GEN=1) and partner 1 is female (SXPGN1N4 [partner's gender-partner 1] = 2 [female] OR SXFMONN4 [female only partners] =1), AND the respondent had anal sex with partner 1 only one time (SXAEN1N4 [times anal sex-partner 1] = 1), then go to Say box before SXAC1AN4 (condom anal-partner 1a).*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***

Male-female partner #1-anal sex more than once*: If the respondent is male (SX_GEN=1) AND partner 1 is female (SXPGN1N4 [partner's gender-partner 1] = 2 [female] OR SXFMONN4 [female only partners] =1), AND the respondent had anal sex with partner 1 more than once (SXAEN1N4 [times anal sex-partner 1] ≥ 2) OR SA10_1N4 (anal 10-partner 1) = "yes," then go to Say box before SXAC1BN4 (condom anal-partner 1b).*

Male-female partners # 2, 3, 4, 5-anal sex once*: If the respondent is male (SEX_GEN=1) AND partners 2, 3, 4, or 5 are female (SXPGN2N4 [partner's gender-partner 2] = 2 [female], SXPGN3N4 [partner's gender-partner 3] = 2 [female], SXPGN4N4 [partner's gender-partner 4] = 2 [female], SXPGN5N4 [partner's gender-partner 5] = 2 [female] OR SXFMONN4 [female only partners] = 1) AND the respondent had anal sex with partners 2, 3, 4, or 5 only one time (SXAEN2N4 [times anal sex-partner 2] = 1, SXAEN3N4 [times anal sex-partner 3] = 1, SXAEN4N4 [times anal sex-partner 4] = 1, SXAEN5N4 [times anal sex-partner 5] = 1, then go to SXAC2AN4 (condom anal-partner 2a), SXAC3AN4 (condom anal-partner 3a), SXAC4AN4 (condom anal-partner 4a), SXAC5AN4 (condom anal-partner 5a).*

Male-female partners # 2, 3, 4, 5-anal sex more than once*: If the respondent is male (SX_GEN=1) AND partners 2, 3, 4, or 5 are female (SXPGN2N4 [partner's gender-partner 2] = 2 [female], SXPGN3N4 [partner's gender-partner 3] = 2 [female], SXPGN4N4 [partner's gender-partner 4] = 2 [female], SXPGN5N4 [partner's gender-partner 5] = 2 [female]) OR SXFMONN4 [female only partners] = 1) AND the respondent had anal sex with partners 2, 3, 4, or 5 more than once (SXAEN2N4 [times anal sex-partner 2] ≥ 2, SXAEN3N4 [times anal sex-partner 3] ≥ 2, SXAEN4N4 [times anal sex-partner 4] ≥ 2, SXAEN5N4 [times anal sex-partner 5] ≥ 2 OR SA10_2N4 (anal 10-partner 2) = "yes,", SA10_3N4 (anal 10-partner 3) = "yes,", SA10_4N4 (anal 10-partner 4) = "yes,", SA10_5N4 (anal 10-partner 5) = "yes,", then go to SXAC2BN4 (condom anal-partner 2b), SXAC3BN4 (condom anal-partner 3b), SXAC4BN4 (condom anal-partner 4b), SXAC5BN4 (condom anal-partner 5b).*

Male-male partner(s)*: If the respondent is male (SX_GEN=1) and partner is male (SXPGN1N4 [partner's gender-partner 1] = 1, SXPGN2N4 [partner's gender-partner 2] = 1, SXPGN3N4 [partner's gender-partner 3] = 1, SXPGN4N4 [partner's gender-partner 4] = 1, SXPGN5N4 [partner's gender-partner 5] = 1 OR SXMLONN4 [male only partners] = 1), then* ***skip to interviewer instructions*** *before ABTM1AN4 (receptive anal-partner 1a), interviewer instructions before ABTM2AN4 (receptive anal-partner 2a), interviewer instructions before ABTM3AN4 (receptive anal-partner 3a), interviewer instructions before ABTM4AN4 (receptive anal-partner 4a), interviewer instructions before ABTM5AN4 (receptive anal-partner 5a).*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
If SA10_1N4 (anal 10-partner 1) = Refused to answer or don't know, SA10_2N4 (anal 10-partner 2) = Refused to answer or don't know, SA10_3N4 (anal 10-partner 3) = Refused to answer or don't know, SA10_4N4 (anal 10-partner 4) = Refused to answer or don't know, SA10_5N4 (anal 10-partner 5) = Refused to answer or don't know OR if SXAEN1N4 (times anal sex-partner 1) = 0, SXAEN2N4 (times anal sex-partner 2) =0, SXAEN3N4 (times anal sex-partner 3) =0, SXAEN4N4 (times anal sex-partner 4) =0, SXAEN5N4 (times anal sex-partner 5) =0, skip to instructions for partner-by-partner status series table: STATS1N4 (aware status-partner 1) when answering partner 1 series, STATS2N4 (aware status-partner 2) when answering partner 2 series, STATS3N4 (aware status-partner 3) when answering partner 3 series, STATS4N4 (aware status-partner 4) when answering partner 4 series, STATS5N4 (aware status-partner 5) when answering partner 5 series.					
SAY box before SXAC1AN4 (condom anal-partner 1a): SAY: "The next question is about condom use. Please include when a condom was used the entire time, not only part of the time."					
SL.1.5.a. During the **past 12 months,** when you had anal sex with ***INSERT PARTNER NAME]*** was a condom used?	*[SXAC1AN4]*	*[SXAC2AN4]*	*[SXAC3AN4]*	*[SXAC4AN4]*	*[SXAC5AN4]*
No 0	0	0	0	0	0
Yes 1	1	1	1	1	1
refused to answer 7	7	7	7	7	7
Don't know 8	8	8	8	8	8
	For all responses, skip to STATS1N4 (aware status-partner 1)	*For all responses, skip to STATS2N4 (aware status-partner 2)*	*For all responses, skip to STATS3N4 (aware status-partner 3)*	*For all responses, skip to STATS4N4 (aware status-partner 4)*	*For all responses, skip to STATS5N4 (aware status-partner 5)*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
QDS programming note for SXAC1AN4 (condom anal-partner 1a), SXAC2AN4 (condom anal-partner 2a), SXAC3AN4 (condom anal-partner 3a), SXAC4AN4 (condom anal-partner 4a), SXAC5AN4 (condom anal-partner 5a): Variable label for SXAC1AN4 is condom anal-partner 1a. Variable label for SXAC2AN4 is condom anal-partner 2a. Variable label for SXAC3AN4 is condom anal-partner 3a. Variable label for SXAC4AN4 is condom anal-partner 4a. Variable label for SXAC5AN4 is condom anal-partner 5a.					
SAY box before SXAC1BN4 (condom anal-partner 1b), SXAC2BN4 (condom anal-partner 2b), SXAC3BN4 (condom anal-partner 3b), SXAC4BN4 (condom anal-partner 4b), SXAC5BN4 (condom anal-partner 5b): ***SAY:*** "The next question is about condom use. Please include times when a condom was used the entire time, not only part of the time."					
SL.1.5.b.During the **past 12 months,** when you had anal sex with ***[PARTNER NAME]*** was a condom used… ***[READ CHOICES. CHECK ONLY ONE.]***	*[SXAC1BN4]*	*[SXAC2BN4]*	*[SXAC3BN4]*	*[SXAC4BN4]*	*[SXAC5BN4]*
Never – not even once 1	1	1	1	1	1
One or more times 2	2	2	2	2	2
Absolutely every time 3	3	3	3	3	3
Refused to answer 7	7	7	7	7	7
Don't know 8	8	8	8	8	8
	For all responses, skip to	*For all responses, skip to*	*For all responses, skip to*	*For all responses, skip to*	*For all responses, skip to*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
	STATS1N4 (aware status-partner 1)	*STATS2N4 (aware status-partner 2)*	*STATS3N4 (aware status-partner 3)*	*STATS4N4 (aware status-partner 4)*	*STATS5N4 (aware status-partner 5)*

QDS programming note for SXAC1BN4 (condom anal-partner 1b), SXAC2BN4 (condom anal-partner 2b), SXAC3BN4 (condom anal-partner 3b), SXAC4BN4 (condom anal-partner 4b), SXAC5BN4 (condom anal-partner 5b):
Variable label for SXAC1BN4 is condom anal-partner 1b.
Variable label for SXAC2BN4 is condom anal-partner 2b.
Variable label for SXAC3BN4 is condom anal-partner 3b.
Variable label for SXAC4BN4 is condom anal-partner 4b.
Variable label for SXAC5BN4 is condom anal-partner 5b.

Interviewer instructions for ABTM1AN4 (receptive anal-partner 1a), ABTM2AN4 (receptive anal-partner 2a), ABTM3AN4 (receptive anal-partner 3a), ABTM4AN4, (receptive anal-partner 4a), ABTM5AN4 (receptive anal-partner 5a):

Male-male partner-anal sex once*: If the respondent is male (SX_GEN=1) and partner is male (SXPGN1N4 [partner's gender-partner 1] = 1, SXPGN2N4 [partner's gender-partner 2] = 1, SXPGN3N4 [partner's gender-partner 3] = 1, SXPGN4N4 [partner's gender-partner 4] = 1, SXPGN5N4 [partner's gender-partner 5] = 1 OR SXMLONN4 [male only partners] = 1), AND the respondent had anal sex with partners 1, 2, 3, 4, or 5 only one time (SXAEN1N4 [times anal sex-partner 1] = 1, SXAEN2N4 [times anal sex-partner 2] = 1, SXAEN3N4 [times anal sex-partner 3] = 1, SXAEN4N4 [times anal sex-partner 4] = 1, SXAEN5N4 [times anal sex-partner 5] = 1, THEN go to ABTM1AN4 (receptive anal-partner 1a), ABTM2AN4 (receptive anal-partner 2a), ABTM3AN4 (receptive anal-partner 3a), ABTM4AN4, (receptive anal-partner 4a), ABTM5AN4 (receptive anal-partner 5a).*

Male-male partner-anal sex more than once*: If the respondent is male (SX_GEN=1) and partner is male (SXPGN1N4 [partner's gender-partner 1] = 1, SXPGN2N4 [partner's gender-partner 2] = 1, SXPGN3N4 [partner's gender-partner 3] = 1, SXPGN4N4 [partner's gender-partner 4] = 1, SXPGN5N4 [partner's gender-partner 5] = 1 OR SXMLONN4 [male only partners] = 1), AND the respondent had anal sex with partners 1, 2, 3, 4, or 5 more than one time (SXAEN1N4 [times anal sex-partner 1] ≥ 2, SXAEN2N4 [times anal sex-partner 2] ≥ 2, SXAEN3N4 [times anal sex-partner 3] ≥ 2, SXAEN4N4 [times anal sex-partner 4] ≥ 2,*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
SXAEN5N4 [times anal sex-partner 5] ≥ 2 OR SA10_1N4 (anal 10-partner 1) =1, , SA10_2N4 (anal 10-partner 2) =1, SA10_3N4 (anal 10-partner 3) =1, SA10_4N4 (anal 10-partner 4) =1, SA10_5N4 (anal 10-partner 5) =1 THEN skip to ABTM1BN4 (receptive anal-partner 1b), ABTM2BN4 (receptive anal-partner 2b), ABTM3BN4 (receptive anal-partner 3b), ABTM4BN4, (receptive anal-partner 4b), ABTM5BN4 (receptive anal-partner 5b).					
SL.1.6.a. During the **past 12 months**, when you had anal sex with ***INSERT PARTNER NAME]***, did you have anal sex where you were a <u>bottom</u>?	*[ABTM1AN4]*	*[ABTM2AN4]*	*[ABTM3AN4]*	*[ABTM4AN4]*	*[ABTM5AN4]*
No 0	0 *Skip to ATP1AN4 (insertive anal-partner 1a).*	0 *Skip to ATP2AN4 (insertive anal-partner 2a).*	0 *Skip to ATP3AN4 (insertive anal-partner 3a).*	0 *Skip to ATP4AN4 (insertive anal-partner 4a).*	0 *Skip to ATP5AN4 (insertive anal-partner 5a).*
Yes 1	1 *Go to interviewer instructions before ABTC1AN4 (condom receptive anal-partner 1a).*	1 *Go to interviewer instructions before ABTC2AN4 (condom receptive anal-partner 2a).*	1 *Go to interviewer instructions before ABTC3AN4 (condom receptive anal-partner 3a).*	1 *Go to interviewer instructions before ABTC4AN4 (condom receptive anal-partner 4a).*	1 *Go to interviewer instructions before ABTC5AN4 (condom receptive anal-partner 5a).*
Refused to answer 7	7 *Skip to ATP1AN4 (insertive*	7 *Skip to ATP2AN4 (insertive*	7 *Skip to ATP3AN4 (insertive*	7 *Skip to ATP4AN4 (insertive*	7 *Skip to ATP5AN4 (insertive*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
	anal-partner 1a).	*anal-partner 2a).*	*anal-partner 3a).*	*anal-partner 4a).*	*anal-partner 5a).*
Don't know 8	8 *Skip to ATP1AN4 (insertive anal-partner 1a).*	8 *Skip to ATP2AN4 (insertive anal-partner 2a).*	8 *Skip to ATP3AN4 (insertive anal-partner 3a).*	8 *Skip to ATP4AN4 (insertive anal-partner 4a).*	8 *Skip to ATP5AN4 (insertive anal-partner 5a).*
QDS programming note for ABTM1AN4 (receptive anal-partner 1a), ABTM2AN4 (receptive anal-partner 2a), ABTM3AN4 (receptive anal-partner 3a), ABTM4AN4, (receptive anal-partner 4a), ABTM5AN4 (receptive anal-partner 5a): Variable label for ABTM1AN4 receptive anal-partner 1a. Variable label for ABTM2AN4 receptive anal-partner 2a. Variable label for ABTM3AN4 receptive anal-partner 3a. Variable label for ABTM4AN4 receptive anal-partner 4a. Variable label for ABTM5AN4 receptive anal-partner 5a.					
SL.1.6.b. During the **past 12 months,** when you had anal sex with ***[INSERT PARTNER NAME]***, how often did you have anal sex where you were a <u>bottom</u>? ***[READ CHOICES. CHECK ONLY ONE.]***	*[ABTM1BN4]*	*[ABTM2BN4]*	*[ABTM3BN4]*	*[ABTM4BN4]*	*[ABTM5BN4]*
Never 1	1 *Skip to ATP1BN4 (insertive anal-partner 1b).*	1 *Skip to ATP2BN4 (insertive anal-partner 2b).*	1 *Skip to ATP3BN4 (insertive anal-partner 3b).*	1 *Skip to ATP4BN4 (insertive anal-partner 4b).*	1 *Skip to ATP5BN4 (insertive anal-partner 5b).*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
Sometimes 2	2 *Go to interviewer instructions before ABTC1AN4 condom receptive anal-partner 1a.*	2 *Go to interviewer instructions before ABTC2AN4 condom receptive anal-partner 2a.*	2 *Go to interviewer instructions before ABTC3AN4 condom receptive anal-partner 3a.*	2 *Go to interviewer instructions before ABTC4AN4 condom receptive anal-partner 4a.*	2 *Go to interviewer instructions before ABTC5AN4 condom receptive anal-partner 5a.*
Always 3	3 *Go to interviewer instructions before ABTC1AN4 condom receptive anal-partner 1a.*	3 *Go to interviewer instructions before ABTC2AN4 condom receptive anal-partner 2a.*	3 *Go to interviewer instructions before ABTC3AN4 condom receptive anal-partner 3a.*	3 *Go to interviewer instructions before ABTC4AN4 condom receptive anal-partner 4a.*	3 *Go to interviewer instructions before ABTC5AN4 condom receptive anal-partner 5a.*
Refused to answer 7	7 *Skip to ATP1BN4 (insertive anal-partner 1b).*	7 *Skip to ATP2BN4 (insertive anal-partner 2b).*	7 *Skip to ATP3BN4 (insertive anal-partner 3b).*	7 *Skip to ATP4BN4 (insertive anal-partner 4b).*	7 *Skip to ATP5BN4 (insertive anal-partner 5b).*
Don't know 8	8 *Skip to ATP1BN4 (insertive*	8 *Skip to ATP2BN4 (insertive*	8 *Skip to ATP3BN4 (insertive*	8 *Skip to ATP4BN4 (insertive*	8 *Skip to ATP5BN4 (insertive*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
	anal-partner 1b).	*anal-partner 2b).*	*anal-partner 3b).*	*anal-partner 4b).*	*anal-partner 5b).*

QDS programming note for ABTM1BN4 (receptive anal-partner 1b), ABTM2BN4 (receptive anal-partner 2b), ABTM3BN4 (receptive anal-partner 3b), ABTM4BN4, (receptive anal-partner 4b), ABTM5BN4 (receptive anal-partner 5b):
Variable label for ABTM1BN4 receptive anal-partner 1b.
Variable label for ABTM2BN4 receptive anal-partner 2b.
Variable label for ABTM3BN4 receptive anal-partner 3b.
Variable label for ABTM4BN4 receptive anal-partner 4b.
Variable label for ABTM5BN4 receptive anal-partner 5b.

Interviewer instructions for ABTC1AN4 (condom receptive anal-partner 1a), ABTC2AN4 (condom receptive anal-partner 2a), ABTC3AN4 (condom receptive anal-partner 3a), ABTC4AN4 (condom receptive anal-partner 4a), ABTC5AN4 (condom receptive anal-partner 5a):

Male-partner #1 male-anal sex once*: If the respondent is male (SX_GEN=1) AND partner is male (SXPGN1N4 [partner's gender-partner 1] = 1 OR SXMLONN4 [male only partners] = 1) AND the respondent had anal sex with partner #1 only one time (SXAEN1N4 [times anal sex-partner 1] = 1, THEN go to Say box before ABTC1AN4 (condom receptive anal-partner 1a).*

Male-partners #2, 3, 4, 5 male-anal sex once *:If the respondent is male (SX_GEN=1) AND the respondent's partners # 2, 3, 4, or 5 are male (SXPGN2N4 [partner's gender-partner 2] = 1, SXPGN3N4 [partner's gender-partner 3] = 1, SXPGN4N4 [partner's gender-partner 4] = 1, SXPGN5N4 [partner's gender-partner 5] = 1) OR SXMLONN4 [male only partners] = 1), AND the respondent had anal sex with partners #2, 3, 4, or 5 only one time (SXAEN2N4 [times anal sex-partner 2] = 1, SXAEN3N4 [times anal sex-partner 3] = 1, SXAEN4N4 [times anal sex-partner 4] = 1, SXAEN5N4 [times anal sex-partner 5] = 1, THEN go to ABTC2AN4 (condom receptive anal-partner 2a), ABTC3AN4 (condom receptive anal-partner 3a), ABTC4AN4 (condom receptive anal-partner 4a), ABTC5AN4 (condom receptive anal-partner 5a).*

Male-partner #1 male-anal sex more than once*: if the respondent is male (SX_GEN=1) AND partner is male (SXPGN1N4 [partner's gender-partner 1] OR SXMLONN4 [male only partners] = 1) AND the respondent had anal sex with partner #1more than once (SXAEN1N4 [times anal sex-partner 1] ≥ 2 or SA10_1N4 [anal 10-partner 1]) =1, THEN go to Say box before ABTC1BN4 (condom receptive anal-partner 1b).*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
Male-partner #2, 3, 4, 5, male-anal sex more than once*: If the respondent is male (SX_GEN=1) AND partner is male (SXPGN2N4 [partner's gender-partner 2] = 1, SXPGN3N4 [partner's gender-partner 3] = 1, SXPGN4N4 [partner's gender-partner 4] = 1, SXPGN5N4 [partner's gender-partner 5] = 1 OR SXMLONN4 [male only partners] = 1), AND the respondent had anal sex with partners 2, 3, 4, or 5 more than one time (SXAEN1N4 [times anal sex-partner 1] ≥ 2, SXAEN2N4 [times anal sex-partner 2] ≥ 2, SXAEN3N4 [times anal sex-partner 3] ≥ 2, SXAEN4N4 [times anal sex-partner 4] ≥ 2, SXAEN5N4 [times anal sex-partner 5] ≥ 2, OR SA10_1N4 (anal 10-partner 1) =1, SA10_2N4 (anal 10-partner 2) =1, SA10_3N4 (anal 10-partner 3) =1, SA10_4N4 (anal 10-partner 4) =1, SA10_5N4 (anal 10-partner 5) =1, THEN go to ABTC2BN4 (condom receptive anal-partner 2b), ABTC3BN4 (condom receptive anal-partner 2b), ABTC4BN4 (condom receptive anal-partner 4b), ABTC5BN4 (condom receptive anal-partner 5b).*					
SAY box for ABTC1AN4 (condom receptive anal-partner 1a): ***SAY:*** "The next question is about condom use. Please include when a condom was used the entire time, not only part of the time during sex."					
SL.1.7a. During the **past 12 months,** when you had anal sex with ***[INSERT PARTNER NAME]*** where you were a bottom, was a condom used?	*[ABTC1AN4]*	*[ABTC2AN4]*	*[ABTC3AN4]*	*[ABTC4AN4]*	*[ABTC5AN4]*
No 0	0	0	0	0	0
Yes 1	1	1	1	1	1
Refused to answer 7	7	7	7	7	7
Don't know 8	8	8	8	8	8
	For all responses, skip to interviewer instructions	*For all responses, skip to interviewer instructions*	*For all responses, skip to interviewer instructions*	*For all responses, skip to interviewer instructions*	*For all responses, skip to interviewer instructions*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
	before ATP1AN4 (insertive anal-partner 1a).	*before ATP2AN4 (insertive anal-partner 2a).*	*before ATP3AN4 (insertive anal-partner 3a).*	*before ATP4AN4 (insertive anal-partner 4a).*	*before ATP5AN4 (insertive anal-partner 5a).*
QDS programming note for ABTC1AN4 (condom receptive anal-partner 1a), ABTC2AN4 (condom receptive anal-partner 2a), ABTC3AN4 (condom receptive anal-partner 3a), ABTC4AN4 (condom receptive anal-partner 4a), ABTC5AN4 (condom receptive anal-partner 5a): Variable label for ABTC1AN4 condom receptive anal-partner 1a. Variable label for ABTC2AN4 condom receptive anal-partner 2a. Variable label for ABTC3AN4 condom receptive anal-partner 3a. Variable label for ABTC4AN4 condom receptive anal-partner 4a. Variable label for ABTC5AN4 condom receptive anal-partner 5a.					
SAY box for ABTC1BN4 (condom receptive anal-partner 1b): ***SAY:*** "The next question is about condom use. Please include when a condom was used the entire time, not only part of the time during sex."					
SL.1.7.b. During the **past 12 months,** when you had anal sex with ***[INSERT PARTNER NAME]*** where you were a <u>bottom,</u> was a condom used … ***[READ CHOICES. CHECK ONLY ONE.]***	*[ABTC1BN4]*	*[ABTC2BN4]*	*[ABTC3BN4]*	*[ABTC4BN4]*	*[ABTC5BN4]*
Never – not even once 1	1	1	1	1	1
One or more times 2	2	2	2	2	2
Absolutely every time 3	3	3	3	3	3
Refused to answer 7	7	7	7	7	7
Don't know 8	8	8	8	8	8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
	For all responses, go to ATP1BN4 (insertive anal-partner 1b).	*For all responses, go to ATP2BN4 (insertive anal-partner 2b).*	*For all responses, go to ATP3BN4 (insertive anal-partner 3b).*	*For all responses, go to ATP4BN4 (insertive anal-partner 4b).*	*For all responses, go to ATP5BN4 (insertive anal-partner 5b).*
QDS programming note for ABTC1BN4 (condom receptive anal-partner 1b), ABTC2BN4 (condom receptive anal-partner 2b), ABTC3BN4 (condom receptive anal-partner 3b), ABTC4BN4 (condom receptive anal-partner 4b), ABTC5BN4 (condom receptive anal-partner 5b): Variable label for ABTC1BN4 condom receptive anal-partner 1b. Variable label for ABTC2BN4 condom receptive anal-partner 2b. Variable label for ABTC3BN4 condom receptive anal-partner 3b. Variable label for ABTC4BN4 condom receptive anal-partner 4b. Variable label for ABTC5BN4 condom receptive anal-partner 5b.					
SL.1.8.a. During the **past 12 months**, when you had anal sex with ***[INSERT PARTNER NAME],*** did you have anal sex where you were a top?	*[ATP1AN4]*	*[ATP2AN4]*	*[ATP3AN4]*	*[ATP4AN4]*	*[ATP5AN4]*
No 0	0 *Skip to STATS1N4 (aware status-partner 1)*	0 *Skip to STATS2N4 (aware status-partner 2)*	0 *Skip to STATS3N4 (aware status-partner 3)*	0 *Skip to STATS4N4 (aware status-partner 4)*	0 *Skip to STATS5N4 (aware status-partner 5)*
Yes 1	1 *Skip to interviewer instructions*	1 *Skip to interviewer instructions*	1 *Skip to interviewer instructions*	1 *Skip to interviewer instructions*	1 *Skip to interviewer instructions*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
	before ATPC1AN4 condom insertive anal-partner 1a.	*before ATPC2AN4 condom insertive anal-partner 2a.*	*before ATPC3AN4 condom insertive anal-partner 3a.*	*before ATPC4AN4 condom insertive anal-partner 4a.*	*before ATPC5AN4 condom insertive anal-partner 5a.*
Refused to answer 7	7 *Skip to STATS1N4 (aware status-partner 1)*	7 *Skip to STATS2N4 (aware status-partner 2)*	7 *Skip to STATS3N4 (aware status-partner 3)*	7 *Skip to STATS4N4 (aware status-partner 4)*	7 *Skip to STATS5N4 (aware status-partner 5)*
Don't know 8	8 *Skip to STATS1N4 (aware status-partner 1)*	8 *Skip to STATS2N4 (aware status-partner 2)*	8 *Skip to STATS3N4 (aware status-partner 3)*	8 *Skip to STATS4N4 (aware status-partner 4)*	8 *Skip to STATS5N4 (aware status-partner 5)*
QDS programming note for ATP1AN4 (condom insertive anal-partner 1a), ATP2AN4 (condom insertive anal-partner 2a), ATP3AN4 (condom insertive anal-partner 3a), ATP4AN4 (condom insertive anal-partner 4a), ATP5AN4 (condom insertive anal-partner 5a): Variable label for ATP1AN4 insertive anal-partner 1a. Variable label for ATP2AN4 insertive anal-partner 2a. Variable label for ATP3AN4 insertive anal-partner 3a. Variable label for ATP4AN4 insertive anal-partner 4a. Variable label for ATP5AN4 insertive anal-partner 5a.					
SL.1.8.b. During the **past 12 months** when you had anal sex with ***[INSERT PARTNER***	*[ATP1BN4]*	*[ATP2BN4]*	*[ATP3BN4]*	*[ATP4BN4]*	*[ATP5BN4]*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
NAME], how often did you have anal sex where you were a top? ***[READ CHOICES. CHECK ONLY ONE.]***					
Never 1	1 *Skip to STATS1N4 (aware status-partner 1).*	1 *Skip to STATS2N4 (aware status-partner 2).*	1 *Skip to STATS3N4 (aware status-partner 3).*	1 *Skip to STATS4N4 (aware status-partner 4).*	1 *Skip to STATS5N4 (aware status-partner 5).*
Sometimes 2	2 *Go to interviewer instructions before ATPC1AN4 (condom insertive anal-partner 1a).*	2 *Go to interviewer instructions before ATPC2AN4 (condom insertive anal-partner 2a).*	2 *Go to interviewer instructions before ATPC3AN4 (condom insertive anal-partner 3a).*	2 *Go to interviewer instructions before ATPC4AN4 (condom insertive anal-partner 4a).*	2 *Go to interviewer instructions before ATPC5AN4 (condom insertive anal-partner 5a).*
Always 3	3 *Go to interviewer instructions before ATPC1AN4 (condom insertive anal-partner 1a).*	3 *Go to interviewer instructions before ATPC2AN4 (condom insertive anal-partner 2a).*	3 *Go to interviewer instructions before ATPC3AN4 (condom insertive anal-partner 3a).*	3 *Go to interviewer instructions before ATPC4AN4 (condom insertive anal-partner 4a).*	3 *Go to interviewer instructions before ATPC5AN4 (condom insertive anal-partner 5a).*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
Refused to answer 7	7 *Skip to STATS1N4 (aware status-partner 1).*	7 *Skip to STATS2N4 (aware status-partner 2).*	7 *Skip to STATS3N4 (aware status-partner 3).*	7 *Skip to STATS4N4 (aware status-partner 4).*	7 *Skip to STATS5N4 (aware status-partner 5).*
Don't know 8	8 *Skip to STATS1N4 (aware status-partner 1).*	8 *Skip to STATS2N4 (aware status-partner 2).*	8 *Skip to STATS3N4 (aware status-partner 3).*	8 *Skip to STATS4N4 (aware status-partner 4).*	8 *Skip to STATS5N4 (aware status-partner 5).*

QDS programming note for ATPC1BN4 (insertive anal-partner 1b), ATPC2BN4 (insertive anal-partner 2b), ATPC3BN4 (insertive anal-partner 3b), ATPC4BN4, (insertive anal-partner 4b), ATPC5BN4 (insertive anal-partner 5b):
Variable label for ATP1BN4 insertive anal-partner 1b.
Variable label for ATP2BN4 insertive anal-partner 2b.
Variable label for ATP3BN4 insertive anal-partner 3b.
Variable label for ATP4BN4 insertive anal-partner 4b.
Variable label for ATP5BN4 insertive anal-partner 5b.

Respondent states he did not have receptive or insertive anal sex:
If SXANL1N4 (anal sex partner 1) = 1 (yes) and ABTM1AN4 (receptive anal sex partner 1) = 0 (no) and ATP1AN4 (insertive anal sex partner 1) = 0 (no), display the following: "Earlier you told me that you had anal sex with **[INSERT partner name SX_NM1N4]**. Is this correct? **Interviewer instructions: return to previous questions to correct error.**" Allow program to move forward.

If SXANL1N4 (anal sex partner 1) = 1 (yes) and ABTM1BN4 (receptive anal sex partner 1) = 1 (Never) and ATP1BN4 (insertive anal sex partner 1) = 1 (Never), display the following: "Earlier you told me that you had anal sex with **[INSERT partner name SX_NM1N4]**. Is this correct? **Interviewer instructions: return to previous questions to correct error.**" Allow program to move forward.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
If SXANL2N4 (anal sex partner 2) = 1 (yes) and ABTM2AN4 (receptive anal sex partner 2) = 0 (no) and ATP2AN4 (insertive anal sex partner 2) = 0 (no), display the following: "Earlier you told me that you had anal sex with **[INSERT partner name SX_NM2N4]**. Is this correct? **Interviewer instructions: return to previous questions to correct error.**" Allow program to move forward. If SXANL2N4 (anal sex partner 2) = 1 (yes) and ABTM2BN4 (receptive anal sex partner 2) = 1 (Never) and ATP2BN4 (insertive anal sex partner 2) = 1 (Never), display the following: "Earlier you told me that you had anal sex with **[INSERT partner name SX_NM2N4]**. Is this correct? **Interviewer instructions: return to previous questions to correct error.**" Allow program to move forward. If SXANL3N4 (anal sex partner 3) = 1 (yes) and ABTM3AN4 (receptive anal sex partner 3) = 0 (no) and ATP3AN4 (insertive anal sex partner 3) = 0 (no), display the following: "Earlier you told me that you had anal sex with **[INSERT partner name SX_NM3N4]**. Is this correct? **Interviewer instructions: return to previous questions to correct error.**" Allow program to move forward. If SXANL3N4 (anal sex partner 3) = 1 (yes) and ABTM3BN4 (receptive anal sex partner 3) = 1 (Never) and ATP3BN4 (insertive anal sex partner 3) = 1 (Never), display the following: "Earlier you told me that you had anal sex with **[INSERT partner name SX_NM3N4]**. Is this correct? **Interviewer instructions: return to previous questions to correct error.**" Allow program to move forward. If SXANL4N4 (anal sex partner 4) = 1 (yes) and ABTM4AN4 (receptive anal sex partner 4) = 0 (no) and ATP4AN4 (insertive anal sex partner 4) = 0 (no), display the following: "Earlier you told me that you had anal sex with **[INSERT partner name SX_NM4N4]**. Is this correct? **Interviewer instructions: return to previous questions to correct error.**" Allow program to move forward. If SXANL4N4 (anal sex partner 4) = 1 (yes) and ABTM4BN4 (receptive anal sex partner 4) = 1 (Never) and ATP4BN4 (insertive anal sex partner 4) = 1 (Never), display the following: "Earlier you told me that you had anal sex with **[INSERT partner name SX_NM4N4]**. Is this correct? **Interviewer instructions: return to previous questions to correct error.**" Allow program to move forward. If SXANL5N4 (anal sex partner 5) = 1 (yes) and ABTM5AN4 (receptive anal sex partner 5) = 0 (no) and ATP5AN4 (insertive anal sex partner 5) = 0 (no), display the following: "Earlier you told me that you had anal sex with **[INSERT partner name SX_NM5N4]**. Is this correct? **Interviewer instructions: return to**				

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
previous questions to correct error." Allow program to move forward. If SXANL5N4 (anal sex partner 5) = 1 (yes) and ABTM5BN4 (receptive anal sex partner 5) = 1 (Never) and ATP5BN4 (insertive anal sex partner 5) = 1 (Never), display the following: "Earlier you told me that you had anal sex with **[INSERT partner name SX_NM5N4]**. Is this correct? **Interviewer instructions: return to previous questions to correct error.**" Allow program to move forward.					
Interviewer instructions for ATPC1AN4 (condom insertive anal-partner 1a), ATPC2AN4 (condom insertive anal-partner 2a), ATPC3AN4 (condom insertive anal-partner 3a), ATPC4AN4 (condom insertive anal-partner 4a), ATPC5AN4 (condom insertive anal-partner 5a): ***Male-partner #1 male-anal sex once:*** *If the respondent is male (SX_GEN=1) AND partner is male (SXPGN1N4 [partner's gender-partner 1] = 1 OR SXMLONN4 [male only partners] = 1) AND the respondent had anal sex with partner #1 only one time (SXAEN1N4 [times anal sex-partner 1] = 1, THEN go to Say box before ATPC1AN4 (condom insertive anal-partner 1a).* ***Male-partners #2, 3, 4, 5 male-anal sex once*** *:If the respondent is male (SX_GEN=1) AND partner is male (SXPGN2N4 [partner's gender-partner 2] = 1, SXPGN3N4 [partner's gender-partner 3] = 1, SXPGN4N4 [partner's gender-partner 4] = 1, SXPGN5N4 [partner's gender-partner 5] = 1 OR SXMLONN4 [male only partners] = 1), AND the respondent had anal sex with partners #2, 3, 4, or 5 only one time (SXAEN2N4 [times anal sex-partner 2] = 1, SXAEN3N4 [times anal sex-partner 3] = 1, SXAEN4N4 [times anal sex-partner 4] = 1, SXAEN5N4 [times anal sex-partner 5] = 1, THEN go to ATPC2AN4 (condom insertive anal-partner 2a), ATPC3AN4 (condom insertive anal-partner 3a), ATPC4AN4 (condom insertive anal-partner 4a), ATPC5AN4 (condom insertive anal-partner 5a).* ***Male-partner #1 male-anal sex more than once:*** *If the respondent is male (SX_GEN=1) AND partner is male (SXPGN1N4 [partner's gender-partner 1 OR SXMLONN4 [male only partners] = 1) AND the respondent had anal sex with partner #1 more than once (SXAEN1N4 [times anal sex-partner 1] ≥ 2 OR SA10_1N4 = 1), THEN go to Say box before ATPC1BN4 (condom insertive anal-partner 1b).* ***Male-partner #2, 3, 4, 5, male-anal sex more than once:*** *If the respondent is male (SX_GEN=1) AND partner is male (SXMLONN4 [male only partners] = 1 OR SXPGN2N4 [partner's gender-partner 2] = 1, SXPGN3N4 [partner's gender-partner 3] = 1, SXPGN4N4 [partner's gender-partner 4] = 1, SXPGN5N4 [partner's gender-partner 5] = 1 OR SXMLONN4 [male only partners] = 1), AND the respondent had anal sex*					

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
with partners 2, 3, 4, or 5 more than one time (SXAEN1N4 [times anal sex-partner 1] ≥ 2, SXAEN2N4 [times anal sex-partner 2] ≥ 2, SXAEN3N4 [times anal sex-partner 3] ≥ 2, SXAEN4N4 [times anal sex-partner 4] ≥ 2, SXAEN5N4 [times anal sex-partner 5] ≥ 2, SXAEN2N4 [times anal sex-partner 2] ≥ 2), OR SA10_1N4 (anal 10-partner 1) =1, SA10_2N4 (anal 10-partner 2) =1, SA10_3N4 (anal 10-partner 3) =1, SA10_4N4 (anal 10-partner 4) =1, SA10_5N4 (anal 10-partner 5) =1, THEN go to ATPC2BN4 (condom insertive anal-partner 2b), ATPC3BN4 (condom insertive anal-partner 2b), ATPC4BN4 (condom insertive anal-partner 4b), ATPC5BN4 (condom insertive anal-partner 5b).					
SAY box before ATPC1AN4: ***SAY:*** "The next question is about condom use. Please include times when a condom was used the entire time, not only part of the time during sex."					
SL.1.9.a. During the **past 12 months**, when you had anal sex with ***[INSERT PARTNER NAME],*** was a condom used when you were a top?	*[ATPC1AN4]*	*[ATPC2AN4]*	*[ATPC3AN4]*	*[ATPC4AN4]*	*[ATPC5AN4]*
No 0	0	0	0	0	0
Yes 1	1	1	1	1	1
Refused to answer 7	7	7	7	7	7
Don't know 8	8	8	8	8	8
	For all responses, skip to STATS1N4 (aware status-partner 1).	*For all responses, skip to STATS2N4 (aware status-partner 2).*	*For all responses, skip to STATS3N4 (aware status-partner 3).*	*For all responses, skip to STATS4N4 (aware status-partner 4).*	*For all responses, skip to STATS5N4 (aware status-partner 5).*
QDS programming note for ATPC1AN4 (condom insertive anal-partner 1a), ATPC2AN4 (condom insertive anal-partner 2a), ATPC3AN4 (condom insertive anal-partner 3a), ATPC4AN4 (condom insertive anal-partner 4a), ATPC5AN4 (condom receptive anal-partner 5a):					

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
Variable label for ATPC1AN4 condom insertive anal-partner 1a. Variable label for ATPC2AN4 condom insertive anal-partner 2a. Variable label for ATPC3AN4 condom insertive anal-partner 3a. Variable label for ATPC4AN4 condom insertive anal-partner 4a. Variable label for ATPC5AN4 condom insertive anal-partner 5a.					
SAY box before ATPC1BN4: ***SAY:*** "The next question is about condom use. Please include times when a condom was used the entire time, not only part of the time during sex."					
SL.1.9.b. During the **past 12 months,** when you had anal sex with ***[INSERT PARTNER NAME]*** where you were a top, was a condom used… ***[READ CHOICES. CHECK ONLY ONE.]***	*[ATPC1BN4]*	*[ATPC2BN4]*	*[ATPC3BN4]*	*[ATPC4BN4]*	*[ATPC5BN4]*
Never – not even once 1	1	1	1	1	1
One or more times 2	2	2	2	2	2
Absolutely every time 3	3	3	3	3	3
Refused to answer 7	7	7	7	7	7
Don't know 8	8	8	8	8	8
	For all responses, go to STATS1N4 (aware status-partner 1).	*For all responses, go to STATS2N4 (aware status-partner 2).*	*For all responses, go to STATS3N4 (aware status-partner 3).*	*For all responses, go to STATS4N4 (aware status-partner 4).*	*For all responses, go to STATS5N4 (aware status-partner 5).*
QDS programming note for ATPC1BN4 (condom insertive anal-partner 1b), ATPC2BN4 (condom insertive anal-partner 2b), ATPC3BN4 (condom insertive anal-partner 3b), ATPC4BN4 (condom insertive anal-					

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Question	Sexual Partners				
	Partner 1 ***[Insert partner name SX_NM1N4***	Partner 2 ***[Insert partner name SX_NM2N4]***	Partner 3 ***[Insert partner name SX_NM3N4]***	Partner 4 ***[Insert partner name SX_NM4N4]***	Partner 5 ***[Insert partner name SX_NM5N4]***
partner 4b), ATPC5BN4 (condom insertive anal-partner 5b): Variable label for ATPC1BN4 condom insertive anal-partner 1b. Variable label for ATPC2BN4 condom insertive anal-partner 2b. Variable label for ATPC3BN4 condom insertive anal-partner 3b. Variable label for ATPC4BN4 condom insertive anal-partner 4b. Variable label for ATPC5BN4 condom insertive anal-partner 5b.					

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Transgender and unknown gender sex (SG)

Questions	Sexual Partners				
	Partner 1 ***[INSERT partner name SX_NM1N4]***	Partner 2 ***[INSERT partner name SX_NM2N4]***	Partner 3 ***[INSERT partner name SX_NM3N4]***	Partner 4 ***[INSERT partner name SX_NM4N4]***	Partner 5 ***[INSERT partner name SX_NM5N4]***
Instructions for transgender sex partner-by-partner series table: The questions and response options are in the far left column of the table. Each question is asked for partners 1–5. Partners 1-5 are labeled in columns Partner 1, Partner 2, Partner 3, Partner 4, and Partner 5. All Partner 1 questions are asked before moving to Partner 2 questions. Detailed instructions are provided in each table cell. When question instructions say "insert partner name," and the variable is in the Partner 1 column, then insert response from SX_NM1N4 (name of partner 1). When question instructions say "insert partner name," and variable is in the Partner 2 column, insert response to SX_NM2N4 (name of partner 2). When question instructions say "insert partner name," and variable is in the same column as Partner 3, insert response to SX_NM3N4 (name of partner 3). When question instructions say "insert partner name," and variable is in the same column as Partner 4, insert response to SX_NM4N4 (name of partner 4). When question instructions say "insert partner name," and variable is in the same column as Partner 5, insert response to SX_NM5N4 (name of partner 5).					
SG.1.0 During the **past 12 months**, did you have <u>vaginal or anal</u> sex with ***[INSERT PARTNER NAME]***?	*[SX_TG1N4]*	*[SX_TG2N4]*	*[SX_TG3N4]*	*[SX_TG4N4]*	*[SX_TG5N4]*
No 0	0 Skip to STATS1N4 (aware *status-partner 1).*	0 Skip to STATS2N4 (aware *status-partner 2).*	0 Skip to STATS3N4 (aware *status-partner 3).*	0 Skip to STATS4N4 (aware *status-partner 4).*	0 Skip to STATS5N4 (aware *status-partner 5).*
Yes 1	1 Go to TG10_1N4 (transgender 10-partner 1)	1 Go to TG10_2N4 (transgender 10-partner 2)	1 Go to TG10_3N4 (transgender 10-partner 3)	1 Go to TG10_4N4 (transgender 10-partner 4)	1 Go to TG10_5N4 (transgender 10-partner 5)

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions	Sexual Partners				
	Partner 1 ***[INSERT partner name SX_NM1N4]***	Partner 2 ***[INSERT partner name SX_NM2N4]***	Partner 3 ***[INSERT partner name SX_NM3N4]***	Partner 4 ***[INSERT partner name SX_NM4N4]***	Partner 5 ***[INSERT partner name SX_NM5N4]***
Refused to answer 7	7 Skip to STATS1N4 (aware *status-partner 1).*	7 Skip to STATS2N4 (aware *status-partner 2).*	7 Skip to STATS3N4 (aware *status-partner 3).*	7 Skip to STATS4N4 (aware *status-partner 4).*	7 Skip to STATS5N4 (aware *status-partner 5).*
Don't know 8	8 Skip to STATS1N4 (aware *status-partner 1).*	8 Skip to STATS2N4 (aware *status-partner 2).*	8 Skip to STATS3N4 (aware *status-partner 3).*	8 Skip to STATS4N4 (aware *status-partner 4).*	8 Skip to STATS5N4 (aware *status-partner 5).*

QDS programming note for SX_TGS1N4 (transgender partner 1), SX_TGS2N4 (transgender partner 2), SX_TGS3N4 (transgender partner 3), SX_TGS4N4 (transgender partner 4), SX_TGS5N4 (transgender partner 5):
Variable label for SX_TG1N4 is transgender-partner 1.
Variable label for SX_TG2N4 is transgender-partner 2.
Variable label for SX_TG3N4 is transgender-partner 3.
Variable label for SX_TG4N4 is transgender-partner 4.
Variable label for SX_TG5N4 is transgender-partner 5.

If SX_TG1N4 (transgender-partner 1) is 0 (no), then display the following message: "Earlier you told me that you had vaginal or anal sex with **[INSERT partner name SX_NM1N4]**. Is this correct? **Interviewer instructions: return to previous questions to correct error.**" Allow program to move forward.

If SX_TG2N4 (transgender-partner 2) is 0 (no), then display the following message: "Earlier you told me that you had vaginal or anal sex with **[INSERT partner name SX_NM2N4]**. Is this correct? **Interviewer instructions: return to previous questions to correct error.**" Allow program to move forward.

If SX_TG3N4 (transgender-partner 3) is 0 (no), then display the following message: "Earlier you told me that you had vaginal or anal sex with **[INSERT partner name SX_NM3N4]**. Is this correct? **Interviewer instructions:**

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions	Sexual Partners				
	Partner 1 ***[INSERT partner name SX_NM1N4]***	Partner 2 ***[INSERT partner name SX_NM2N4]***	Partner 3 ***[INSERT partner name SX_NM3N4]***	Partner 4 ***[INSERT partner name SX_NM4N4]***	Partner 5 ***[INSERT partner name SX_NM5N4]***
return to previous questions to correct error." Allow program to move forward. If SX_TG4N4 (transgender-partner 4) is 0 (no), then display the following message: "Earlier you told me that you had vaginal or anal sex with **[INSERT partner name SX_NM4N4]**. Is this correct? **Interviewer instructions: return to previous questions to correct error.**" Allow program to move forward. If SX_TG5N4 (transgender-partner 5) is 0 (no), then display the following message: "Earlier you told me that you had vaginal or anal sex with **[INSERT partner name SX_NM5N4]**. Is this correct? **Interviewer instructions: return to previous questions to correct error.**" Allow program to move forward.					
SG.1.1. During the **past 12 months**, did you have vaginal or anal sex with **[*INSERT PARTNER NAME*]** more than 10 times? **[*READ CHOICES. CHECK ONLY ONE.*]**	*[TG10_1N4]*	*[TG10_2N4]*	*[TG10_3N4]*	*[TG10_4N4]*	*[TG10_5N4]*
Yes 1	1 *Skip to TGAN1N4 (average number transgender -partner 1).*	1 *Skip to TGAN2N4 (average number transgender -partner 2).*	1 *Skip to TGAN3N4 (average number transgender -partner 3).*	1 *Skip to TGAN4N4 (average number transgender -partner 4).*	1 *Skip to TGAN5N4 (average number transgender -partner 5).*
No 0	0 *Go to TGEN1N4 (times transgender -partner 1).*	0 *Go to TGEN2N4 (times transgender -partner 2).*	0 *Go to TGEN3N4 (times transgender -partner 3).*	0 *Go to TGEN4N4 (times transgender -partner 4).*	0 *Go to TGEN5N4 (times transgender -partner 5).*
Refused to answer 7	7 Skip to STATS1N4 (aware	7 Skip to STATS2N4 (aware	7 Skip to STATS3N4 (aware	7 Skip to STATS4N4 (aware	7 Skip to STATS5N4 (aware

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions	Sexual Partners				
	Partner 1 ***[INSERT partner name SX_NM1N4]***	Partner 2 ***[INSERT partner name SX_NM2N4]***	Partner 3 ***[INSERT partner name SX_NM3N4]***	Partner 4 ***[INSERT partner name SX_NM4N4]***	Partner 5 ***[INSERT partner name SX_NM5N4]***
	status-partner 1).	*status-partner 2).*	*status-partner 3).*	*status-partner 4).*	*status-partner 4).*
Don't know 8	8	8	8	8	8
	Skip to STATS1N4 (aware *status-partner 1).*	Skip to STATS2N4 (aware *status-partner 2).*	Skip to STATS3N4 (aware *status-partner 3).*	Skip to STATS4N4 (aware *status-partner 4).*	Skip to STATS5N4 (aware *status-partner 5).*
QDS programming note for TG10_1N4 (transgender 10-partner 1), TG10_2N4 (transgender 10-partner 2), TG10_3N4 (transgender 10-partner 3), TG10_4N4 (transgender 10-partner 4), and TG10_5N4 (transgender 10-partner 5): Variable label for TG10_1N4 is transgender 10-partner 1. Variable label for TG10_2N4 is transgender 10-partner 2. Variable label for TG10_3N4 is transgender 10-partner 3. Variable label for TG10_4N4 is transgender 10-partner 4. Variable label for TG10_5N4 is transgender 10-partner 5.					
SG.1.2. During the **past 12 months**, please tell me the exact number of times that you had <u>vaginal or anal</u> sex with ***[INSERT PARTNER NAME]***?	*[TGEN1N4]*	*[TGEN2N4]*	*[TGEN3N4]*	*[TGEN4N4]*	*[TGEN5N4]*
__ __	__ __	__ __	__ __	__ __	__ __
	Skip to Say box before TGC1AN4 (condom transgender *-partner 1a).*	*Skip to instructions before TGC2AN4 (condom* transgender *-partner 2a).*	*Skip to instructions before TGC3AN4 (condom* transgender *-partner 3a).*	*Skip to instructions before TGC4AN4 (condom* transgender *-partner 4a).*	*Skip to instructions before TGC5AN4 (condom* transgender *-partner 5a).*
Refused to answer 77	77	77	77	77	77

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions	Sexual Partners				
	Partner 1 ***[INSERT partner name SX_NM1N4]***	Partner 2 ***[INSERT partner name SX_NM2N4]***	Partner 3 ***[INSERT partner name SX_NM3N4]***	Partner 4 ***[INSERT partner name SX_NM4N4]***	Partner 5 ***[INSERT partner name SX_NM5N4]***
Don't know 88	*Skip STATS1N4 (aware status-partner 1).* 88 *Skip STATS1N4 (aware status-partner 1).*	*Skip STATS2N4 (aware status-partner 2).* 88 *Skip STATS2N4 (aware status-partner 2).*	*Skip STATS3N4 (aware status-partner 3).* 88 *Skip STATS3N4 (aware status-partner 3).*	*Skip STATS4N4 (aware status-partner 4).* 88 *Skip STATS4N4 (aware status-partner 4).*	*Skip STATS5N4 (aware status-partner 5).* 88 *Skip STATS5N4 (aware status-partner 5).*
QDS programming note for TGEN1N4 (times transgender -partner 1), TGEN2N4 (times transgender -partner 2), TGEN3N4 (times transgender -partner 3), TGEN4N4 (times transgender -partner 4), TGEN5N4 (times transgender -partner 5): Range 1–10. Variable label for TGEN1N4 is times transgender -partner 1. Variable label for TGEN2N4 is times transgender -partner 2. Variable label for TGEN3N4 is times transgender -partner 3. Variable label for TGEN4N4 is times transgender -partner 4. Variable label for TGEN5N4 is times transgender -partner 5.					
SG.1.3. On average, how many times did you have <u>vaginal or anal</u> sex with ***[INSERT PARTNER NAME]*** per month? ___ ___	*[TGAN1N4]* ___ ___ *Go to TGM1N4 (months transgender -partner 1).*	*[TGAN2N4]* ___ ___ *Go to TGM2N4 (months transgender -partner 2).*	*[TGAN3N4]* ___ ___ *Go to TGM3N4 (months transgender -partner 3).*	*[TGAN4N4]* ___ ___ *Go to TGM4N4 (months transgender -partner 4).*	*[TGAN5N4]* ___ ___ *Go to TGM5N4 (months transgender -partner 5).*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions	Sexual Partners				
	Partner 1 ***[INSERT partner name SX_NM1N4]***	Partner 2 ***[INSERT partner name SX_NM2N4]***	Partner 3 ***[INSERT partner name SX_NM3N4]***	Partner 4 ***[INSERT partner name SX_NM4N4]***	Partner 5 ***[INSERT partner name SX_NM5N4]***
Refused to answer 777	777 *Go to TGM1N4 (months* transgender *-partner 1).*	777 *Go to TGM2N4 (months* transgender *-partner 2).*	777 *Go to TGM3N4 (months* transgender *-partner 3).*	777 *Go to TGM4N4 (months* transgender *-partner 4).*	777 *Go to TGM5N4 (months* transgender *-partner 5).*
Don't know 888	888 *Go to TGM1N4 (months* transgender *partner 1).*	888 *Go to TGM2N4 (months* transgender *-partner 2).*	888 *Go to TGM3N4 (months* transgender *-partner 3).*	888 *Go to TGM4N4 (months* transgender *-partner 4).*	888 *Go to TGM5N4 (months* transgender *-partner 5).*

QDS programming note for TGAN1N4 (average number transgender-partner 1), TGAN2N4 (average number transgender-partner 2), TGAN3N4 (average number transgender-partner 3), TGAN4N4 (average number transgender-partner4), TGAN5N4 (average number transgender-partner 5):
Range 1–90.

If the response to TGAN1N4 (average number transgender -partner 1) is > 90, then display the following message: "Number too large**. Interviewer instructions: confirm response**."
If TGAN2N4 (average number transgender -partner 2) is > 90, then display the following message: "Out of range**. Interviewer instructions: confirm response**."
If TGAN3N4 (average number transgender -partner 3) is > 90, then display the following message: "Number too large **Interviewer instructions: confirm response**."
If TGAN4N4 (average number transgender -partner 4) is > 90, then display the following message: "Number too large**. Interviewer instructions: confirm response**."
If TGAN5N4 (average number transgender -partner 5) is > 90, then display the following message: "Number too large**. Interviewer instructions: confirm response**."

Variable label for TGAN1N4 is average number transgender -partner 1.
Variable label for TGAN2N4 is average number transgender -partner 2.
Variable label for TGAN3N4 is average number transgender -partner 3.
Variable label for TGAN4N4 is average number transgender -partner 4.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions	Sexual Partners				
	Partner 1 ***[INSERT partner name SX_NM1N4]***	Partner 2 ***[INSERT partner name SX_NM2N4]***	Partner 3 ***[INSERT partner name SX_NM3N4]***	Partner 4 ***[INSERT partner name SX_NM4N4]***	Partner 5 ***[INSERT partner name SX_NM5N4]***
Variable label for TGAN5N4 is average number transgender -partner 5.					
SG.1.4. During the **past 12 months**, how many months did you have <u>vaginal or anal</u> sex with ***[INSERT PARTNER NAME]***?	*[TGM1N4]*	*[TGM2N4]*	*[TGM3N4]*	*[TGM4N4]*	*[TGM5N4]*
___ ___ months	___ ___	___ ___	___ ___	___ ___	___ ___
Refused to answer 77	77	77	77	77	77
Don't know 88	88	88	88	88	88
	For all responses, go to instructions before TGC1AN4 (condom transgender *-partner 1a).*	*For all responses, skip to instructions before TGC2AN4 (condom* transgender *-partner 2a).*	*For all responses, skip to instructions before TGC3AN4 (condom* transgender *-partner 3a).*	*For all responses, skip to instructions before TGC4AN4 (condom* transgender *-partner 4a).*	*For all responses, skip to instructions before TGC5AN4 (condom* transgender *-partner 5a).*

QDS programming note for TGM1N4 (months transgender-partner 1), TGM2N4 (months transgender-partner 2), TGM3N4 (months transgender-partner 3), TGM4N4 (months transgender-partner 4), TGM5N4 (months transgender-partner 5):
Range 1–12.

If TGM1N4 (months transgender-partner 1) is "0," then display the following message: "You told me that you had vaginal or anal sex with this partner during the past 12 months. ***Interviewer instructions: confirm***

If the response to TGM1N4 (months transgender-partner 1) is >12, then display the following message: "Number too large***. Interviewer instructions: confirm response***."
If TGM2N4 (months transgender-partner 2) is >12, then display the following message: "Number too large***.***

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions	Sexual Partners				
	Partner 1 ***[INSERT partner name SX_NM1N4]***	Partner 2 ***[INSERT partner name SX_NM2N4]***	Partner 3 ***[INSERT partner name SX_NM3N4]***	Partner 4 ***[INSERT partner name SX_NM4N4]***	Partner 5 ***[INSERT partner name SX_NM5N4]***
Interviewer instructions: confirm response." If TGM3N4 (months transgender-partner 3) is >12, then display the following message: "Number too large**.** **Interviewer instructions: confirm response**." If TGM4N4 (months transgender-partner 4) is >12, then display the following message: "Number too large**.** **Interviewer instructions: confirm response**." If TGM5N4 (months transgender-partner 5) is >12, then display the following message: "Number too large**.** **Interviewer instructions: confirm response**." Variable label for TGM1N4 is months transgender-partner 1. Variable label for TGM2N4 is months transgender -partner 2. Variable label for TGM3N4 is months transgender -partner 3. Variable label for TGM4N4 is months transgender -partner 4. Variable label for TGM5N4 is months transgender -partner 5.					
Interviewer instructions before TGC1AN4 (condom transgender-partner 1a), TGC2AN4 (condom transgender-partner 2a), TGC3AN4 (condom transgender-partner 3a), TGC4AN4 (condom transgender-partner 4a), TGC5AN4 (condom transgender-partner 5a): ***Transgender/Unknown gender sex-any partner #1 vaginal-anal sex once:*** *If the respondent had vaginal or anal sex with partner #1 only one time (TGEN1N4 [times transgender-partner 1] = 1), THEN go to Say box before TGC1AN4 (condom transgender-partner 1a).* ***Transgender/Unknown gender sex-any partner #2, 3, 4, 5 vaginal-anal sex once*** *:If the respondent had vaginal or anal sex with partners #2, 3, 4, or 5 only one time (TGEN2N4 [times transgender-partner 2]) = 1, (TGEN3N4 [times transgender-partner 3]) = 1, (TGEN4N4 [times transgender-partner 4]) = 1, (TGEN5N4 [times transgender-partner 5]) = 1, THEN go to TGC2AN4 (condom transgender-partner 2a), TGC3AN4 (condom transgender-partner 3a), TGC4AN4 (condom transgender-partner 4a), TGC5AN4 (condom transgender-partner 5a).* *Otherwise, go to Interviewer instructions before TGC1BN4 (condom transgender-partner 1b), TGC2BN4 (condom transgender-partner 2b), TGC3BN4 (condom transgender-partner 3b), TGC4BN4 (condom transgender-partner 4b), TGC5BN4 (condom transgender-partner 5b).*					
SAY box before TGC1AN4 (condom transgender-partner 1a): SAY: "The next question is about condom use. Please include times when a condom was used the entire time, not only part of the time during sex."					
SG.1.5.a. During the **past 12 months,** when you had vaginal or	*[TGC1AN4]*	*[TGC2AN4]*	*[TGC3AN4]*	*[TGC4AN4]*	*[TGC5AN4]*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions		Sexual Partners				
		Partner 1 ***[INSERT partner name SX_NM1N4]***	Partner 2 ***[INSERT partner name SX_NM2N4]***	Partner 3 ***[INSERT partner name SX_NM3N4]***	Partner 4 ***[INSERT partner name SX_NM4N4]***	Partner 5 ***[INSERT partner name SX_NM5N4]***
anal sex with ***[INSERT PARTNER NAME]*** was a condom used?						
No	0	0	0	0	0	0
Yes	1	1	1	1	1	1
Refused to answer	7	7	7	7	7	7
Don't know	8	8	8	8	8	8
		For all responses, skip to STATS1N4 (aware status-partner 1).	*For all responses, skip to STATS2N4 (aware status-partner 2).*	*For all responses, skip to STATS3N4 (aware status-partner 3).*	*For all responses, skip to STATS4N4 (aware status-partner 4).*	*For all responses, skip to STATS5N4 (aware status-partner 5).*

QDS programming note for TGC1AN4 (condom transgender-partner 1a), TGC2AN4 (condom transgender-partner 2a), TGC3AN4 (condom transgender-partner 3a), TGC4AN4 (condom transgender-partner 4a), TGC5AN4 (condom transgender-partner 5a):

Variable label for TGC1AN4 is condom transgender-partner 1a.
Variable label for TGC2AN4 is condom transgender-partner 2a.
Variable label for TGC3AN4 is condom transgender-partner 3a.
Variable label for TGC4AN4 is condom transgender-partner 4a.
Variable label for TGC5AN4 is condom transgender-partner 5a.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions	Sexual Partners				
	Partner 1 ***[INSERT partner name SX_NM1N4]***	Partner 2 ***[INSERT partner name SX_NM2N4]***	Partner 3 ***[INSERT partner name SX_NM3N4]***	Partner 4 ***[INSERT partner name SX_NM4N4]***	Partner 5 ***[INSERT partner name SX_NM5N4]***
Interviewer instructions before TGC1BN4 (condom transgender-partner 1b), TGC2BN4 (condom transgender-partner 2b), TGC3BN4 (condom transgender-partner 3b), TGC4BN4 (condom transgender-partner 4b), TGC5BN4 (condom transgender-partner 5b): ***Transgender/Unknown gender sex-any partner #1 vaginal-anal sex more than once:*** *If the respondent had vaginal or anal sex with partner #1 more than once (TGEN1N4 [times transgender-partner 1]) ≥ 2, OR TG10_1N4 (transgender 10-partner 1) =1 THEN go to Say box before TGC1BN4 (condom transgender-partner 1b).* ***Transgender/Unknown gender sex-any partner #2, 3, 4, 5, vaginal-anal sex more than once:*** *If the respondent had vaginal or anal sex with partners #2, 3, 4, or 5 more than one time (TGEN2N4 [times transgender sex-partner 2]) ≥ 2, (TGEN3N4 [times transgender sex-partner 3]) ≥ 2, (TGEN3N4 [times transgender sex-partner 3]) ≥ 2, (TGEN5N4 [times transgender sex-partner 5]) ≥ 2, OR TG10_2N4 (transgender 10-partner 2) =1, TG10_3N4 (transgender 10-partner 3) =1, TG10_4N4 (transgender 10-partner 4) =1, TG10_5N4 (transgender 10-partner 5) =1, THEN go to TGC2BN4 (condom transgender-partner 2b), TGC3BN4 (condom transgender-partner 3c), TGC4BN4 (condom transgender-partner 4b), TGC5BN4 (condom transgender-partner 5b).*					
SAY box before TGC1BN4 (condom transgender-partner 1b): SAY: "The next question is about condom use. Please include times when a condom was used the entire time, not only part of the time during sex."					
SG.1.5.b. During the **past 12 months,** when you had vaginal or anal sex with ***[INSERT PARTNER NAME]*** was a condom used... ***[READ CHOICES. CHECK ONLY ONE.]***	*[TGC1BN4]*	*[TGC2BN4]*	*[TGC3BN4]*	*[TGC4BN4]*	*[TGC5BN4]*
Never- not even once 1	1	1	1	1	1
One or more times 2	2	2	2	2	2
Absolutely every time 3	3	3	3	3	3
Refused to answer 7	7	7	7	7	7
Don't know 8	8	8	8	8	8

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Questions	Sexual Partners				
	Partner 1 ***[INSERT partner name SX_NM1N4]***	Partner 2 ***[INSERT partner name SX_NM2N4]***	Partner 3 ***[INSERT partner name SX_NM3N4]***	Partner 4 ***[INSERT partner name SX_NM4N4]***	Partner 5 ***[INSERT partner name SX_NM5N4]***
	For all responses, go to STATS1N4 (aware status-partner 1).	*For all responses, go to STATS1N4 (aware status-partner 1).*	*For all responses, go to STATS1N4 (aware status-partner 1).*	*For all responses, go to STATS1N4 (aware status-partner 1).*	*For all responses, go to STATS1N4 (aware status-partner 1).*
QDS programming note for TGC1BN4 (condom transgender 1b), TGC2BN4 (condom transgender 2b), TGC3BN4 (condom transgender 3b), TGC4BN4 (condom transgender 4b), TGC5BN4 (condom transgender 5b): Variable label for TGC1BN4 is condom transgender-partner 1b. Variable label for TGC2BN4 is condom transgender-partner 2b. Variable label for TGC3BN4 is condom transgender-partner 3b. Variable label for TGC4BN4 is condom transgender-partner 4b. Variable label for TGC5BN4 is condom transgender-partner 5b.					

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Status (SS)

Questions	Sexual partners				
	Partner 1 ***[INSERT partner name SX_NM1N4]***	Partner 2 ***[INSERT partner name SX_NM2N4]***	Partner 3 ***[INSERT partner name SX_NM3N4]***	Partner 4 ***[INSERT partner name SX_NM4N4]***	Partner 5 ***[INSERT partner name SX_NM5N4]***
Instructions for status partner-by-partner series table: The questions and response options are in the far left column of the table. Each question is asked for partners 1–5. Partners 1-5 are labeled in columns Partner 1, Partner 2, Partner 3, Partner 4, and Partner 5. All Partner 1 questions are asked before moving to Partner 2 questions. Detailed instructions are provided in each table cell. When question instructions say "insert partner name," and the variable is in the Partner 1 column, then insert response from SX_NM1N4 (name of partner 1). When question instructions say "insert partner name," and variable is in the Partner 2 column, insert response to SX_NM2N4 (name of partner 2). When question instructions say "insert partner name," and variable is in the same column as Partner 3, insert response to SX_NM3N4 (name of partner 3). When question instructions say "insert partner name," and variable is in the same column as Partner 4, insert response to SX_NM4N4 (name of partner 4). When question instructions say "insert partner name," and variable is in the same column as Partner 5, insert response to SX_NM5N4 (name of partner 5).					
SS.1.0. Does ***[INSERT PARTNER NAME]*** know your HIV status?	*[STATS1N4]*	*[STATS2N4]*	*[STATS3N4]*	*[STATS4N4]*	*[STATS5N4]*
No 0	0 *Skip to STPRT1N4 (partner status-partner 1).*	0 *Skip to STPRT2N4 (partner status-partner 2).*	0 *Skip to STPRT3N4 (partner status-partner 3).*	0 *Skip to STPRT4N4 (partner status-partner 4).*	0 *Skip to STPRT5N4 (partner status-partner 5).*
Yes 1	1 *Go to AWRST1N4 (aware status every sex-partner 1).*	1 *Go to AWRST2N4 (aware status every sex-partner 2).*	1 *Go to AWRST3N4 (aware status every sex-partner 3).*	1 *Go to AWRST4N4 (aware status every sex-partner 4).*	1 *Go to AWRST5N4 (aware status every sex-partner 5).*
Refused to answer 7	7	7	7	7	7

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions		Sexual partners				
		Skip to STPRT1N4 (partner status-partner 1).	*Skip to STPRT2N4 (partner status-partner 2).*	*Skip to STPRT3N4 (partner status-partner 3).*	*Skip to STPRT4N4 (partner status-partner 4).*	*Skip to STPRT5N4 (partner status-partner 5).*
Don't know	8	8	8	8	8	8
		Skip to STPRT1N4 (partner status-partner 1).	*Skip to STPRT2N4 (partner status-partner 2).*	*Skip to STPRT3N4 (partner status-partner 3).*	*Skip to STPRT4N4 (partner status-partner 4).*	*Skip to STPRT5N4 (partner status-partner 5).*
QDS programming note for STATS1N4 (aware status-partner 1), STATS2N4 (aware status-partner 2), STATS3N4 (aware status-partner 3), STATS4N4 (aware status-partner 4), STATS5N4 (aware status-partner 5): Variable label for STATS1N4 is aware status-partner 1. Variable label for STATS2N4 is aware status-partner 2. Variable label for STATS3N4 is aware status-partner 3. Variable label for STATS4N4 is aware status-partner 4. Variable label for STATS5N4 is aware status-partner 5.						
SS.1.1. During the **past 12 months**, was ***[INSERT PARTNER NAME]*** aware of your status every time you had sex?		*[AWRST1N4]*	*[AWRST2N4]*	*[AWRST3N4]*	*[AWRS41N4]*	*[AWRST5N4]*
No	0	0	0	0	0	0
Yes	1	1	1	1	1	1
Refused to answer	7	7	7	7	7	7
Don't know	8	8	8	8	8	8
		For all responses, go to STPRT1N4 (Partner status-partner 1).	*For all responses, go to STPRT2N4 (Partner status-partner 2).*	*For all responses, go to STPRT3N4 (Partner status-partner 3).*	*For all responses, go to STPRT4N4 (Partner status-partner 4).*	*For all responses, go to STPRT5N4 (Partner status-partner 5).*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions	Sexual partners				
QDS programming note for AWRST1N4 (aware status every sex-partner 1), AWRST2N4 (aware status every sex-partner 2), AWRST3N4 (aware status every sex-partner 3), AWRST4N4 (aware status every sex -partner 4), AWRST5N4 (aware status every sex -partner 5): Variable label for AWRST1N4 is Aware status every sex -partner 1. Variable label for AWRST2N4 is Aware status every sex -partner 2. Variable label for AWRST3N4 is Aware status every sex -partner 3. Variable label for AWRST4N4 is Aware status every sex -partner 4. Variable label for AWRST5N4 is Aware status every sex -partner 5.					
SS.2.0. Do you know ***[INSERT PARTNER NAME]***'s HIV status?	*[STPRT1N4]*	*[STPRT2N4]*	*[STPRT3N4]*	*[STPRT4N4]*	*[STPRT5N4]*
No 0	0 *If* SX_TOTN4 = 1, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 2, *skip to interviewer instructions before SXPGN2N4 (partner's gender-partner 2).*	0 *If* SX_TOTN4 = 2, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 3, *skip to interviewer instructions before SXPGN3N4 (partner's gender-partner 3).*	0 *If* SX_TOTN4 = 3, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 4, *skip to interviewer instructions before SXPGN4N4 (partner's gender-partner 4).*	0 *If* SX_TOTN4 = 4, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 4, *skip to interviewer instructions before SXPGN5N4 (partner's gender-partner 5).*	0 *If* SX_TOTN4 = 5, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 5, *skip to aggregate information section.*
Yes 1	1 *Go to PRTST1N4 (Partner status first sex-partner 1).*	1 *Go to PRTST2N4 (Partner status first sex-partner 2).*	1 *Go to PRTST3N4 (Partner status first sex-partner 3).*	1 *Go to PRTST4N4 (Partner status first sex-partner 4).*	1 *Go to PRTST5N4 (Partner status first sex-partner 5).*
Refused to answer 7	7 *If* SX_TOTN4 = 1, skip to	7 *If* SX_TOTN4 = 2, skip to	7 *If* SX_TOTN4 = 3, skip to	7 *If* SX_TOTN4 = 4, skip to	7 *If* SX_TOTN4 = 5, skip to

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Questions	Sexual partners				
	serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 2, *skip to interviewer instructions before SXPGN2N4 (partner's gender-partner 2).*	serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 3, *skip to interviewer instructions before SXPGN3N4 (partner's gender-partner 3).*	serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 4, *skip to interviewer instructions before SXPGN4N4 (partner's gender-partner 4).*	serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 4, *skip to interviewer instructions before SXPGN5N4 (partner's gender-partner 5).*	serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 5, *skip to aggregate information section.*
Don't know 8	8 *If* SX_TOTN4 = 1, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 2, *skip to interviewer instructions before SXPGN2N4 (partner's gender-partner 2).*	8 *If* SX_TOTN4 = 2, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 3, *skip to interviewer instructions before SXPGN3N4 (partner's gender-partner 3).*	8 *If* SX_TOTN4 = 3, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 4, *skip to interviewer instructions before SXPGN4N4 (partner's gender-partner 4).*	8 *If* SX_TOTN4 = 4, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 4, *skip to interviewer instructions before SXPGN5N4 (partner's gender-partner 5).*	8 *If* SX_TOTN4 = 5, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 5, *skip to aggregate information section.*
QDS programming note for STPRT1N4 (Partner status-partner 1), STPRT2N4 (Partner status-partner 2), STPRT3N4 (Partner status-partner 3), STPRT4N4 (Partner status-partner 4), STPRT5N4 (Partner status-partner 5): Variable label for STPRT1N4 is Partner status-partner 1. Variable label for STPRT2N4 is Partner status-partner 2. Variable label for STPRT3N4 is Partner status-partner 3. Variable label for STPRT4N4 is Partner status-partner 4. Variable label for STPRT5N4 is Partner status-partner 5.					
SS.2.1. During the **past 12**	*[PRTST1N4]*	*[PRTST2N4]*	*[PRTS31N4]*	*[PRTST4N4]*	*[PRTST5N4]*

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Questions	Sexual partners				
months, what was ***[INSERT PARTNERS' NAME]***'s HIV status the first time that you had sex? ***[DON'T READ RESPONSES. CHECK ONLY ONE.]***					
HIV Positive 1	1 *If* SX_TOTN4 = 1, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 2, *skip to interviewer instructions before SXPGN2N4 (partner's gender-partner 2).*	1 *If* SX_TOTN4 = 2, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 3, *skip to interviewer instructions before SXPGN3N4 (partner's gender-partner 3).*	1 *If* SX_TOTN4 = 3, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 4, *skip to interviewer instructions before SXPGN4N4 (partner's gender-partner 4).*	1 *If* SX_TOTN4 = 4, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 4, *skip to interviewer instructions before SXPGN5N4 (partner's gender-partner 5).*	1 *If* SX_TOTN4 = 5, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 5, *skip to aggregate information section.*
HIV Negative 2	2 *Go to PREP1N4 (PrEP-partner 1).*	2 *Go to PREP2N4 (PrEP-partner 2).*	2 *Go to PREP3N4 (PrEP-partner 3).*	2 *Go to PREP4N4 (PrEP-partner 4).*	2 *Go to PREP5N4 (PrEP-partner 5).*
Refused to answer 7	7 *If* SX_TOTN4 = 1, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 2, *skip to*	7 *If* SX_TOTN4 = 2, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 3, *skip to*	7 *If* SX_TOTN4 = 3, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 4, *skip to*	7 *If* SX_TOTN4 = 4, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 4, *skip to*	7 *If* SX_TOTN4 = 5, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 5, *skip to*

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Questions	Sexual partners				
	interviewer instructions before SXPGN2N4 (partner's gender-partner 2).	*interviewer instructions before SXPGN3N4 (partner's gender-partner 3).*	*interviewer instructions before SXPGN4N4 (partner's gender-partner 4).*	*interviewer instructions before SXPGN5N4 (partner's gender-partner 5).*	*aggregate information section.*
Don't know 8	8 *If* SX_TOTN4 = 1, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 2, *skip to interviewer instructions before SXPGN2N4 (partner's gender-partner 2).*	8 *If* SX_TOTN4 = 2, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 3, *skip to interviewer instructions before SXPGN3N4 (partner's gender-partner 3).*	8 *If* SX_TOTN4 = 3, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 4, *skip to interviewer instructions before SXPGN4N4 (partner's gender-partner 4).*	8 *If* SX_TOTN4 = 4, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 4, *skip to interviewer instructions before SXPGN5N4 (partner's gender-partner 5).*	8 *If* SX_TOTN4 = 5, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 5, *skip to aggregate information section.*
QDS programming note for PRTST1N4 (Partner status first sex-partner 1), PRTST2N4 (Partner status first sex-partner 2), PRTST3N4 (Partner status first sex-partner 3), PRTST4N4 (Partner status first sex-partner 4), PRTST5N4 (Partner status first sex-partner 5): Variable label for PRTST1N4 is Partner status first sex-partner 1. Variable label for PRTST2N4 is Partner status first sex-partner 2. Variable label for PRTST3N4 is Partner status first sex-partner 3. Variable label for PRTST4N4 is Partner status first sex-partner 4. Variable label for PRTST5N4 is Partner status first sex-partner 5.					

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Pre-exposure prophylaxis (SR)

Questions		Sexual partners				
		Partner 1 ***[INSERT partner name SX_NM1N4]***	Partner 2 ***[INSERT partner name SX_NM2N4]***	Partner 3 ***[INSERT partner name SX_NM3N4]***	Partner 4 ***[INSERT partner name SX_NM4N4]***	Partner 5 ***[INSERT partner name SX_NM5N4]***
SR.1.0. Sometimes people who are HIV negative take antiretroviral medicine, such as Truvada, to prevent them from getting HIV. Was ***[INSERT PARTNER NAME]*** taking antiretroviral medicine to prevent them from getting HIV when you last had sex? If you aren't sure, that's okay.		*[PREP1N4]*	*[PREP2N4]*	*[PREP3N4]*	*[PREP4N4]*	*[PREP5N4]*
No	0	0	0	0	0	0
Yes	1	1	1	1	1	1
Refused to answer	7	7	7	7	7	7
Don't know	8	8	8	8	8	8
		If SX_TOTN4 = 1, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 2, *skip to interviewer instructions before SXPGN2N4 (partner's gender-partner 2).*	*If* SX_TOTN4 = 2, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 3, *skip to interviewer instructions before SXPGN3N4 (partner's gender-partner 3).*	*If* SX_TOTN4 = 3, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 4, *skip to interviewer instructions before SXPGN4N4 (partner's gender-partner 4).*	*If* SX_TOTN4 = 4, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 4, *skip to interviewer instructions before SXPGN5N4 (partner's gender-partner 5).*	*If* SX_TOTN4 = 5, skip to serosorting section *(Say box before SEROSRT1). If* SX_TOTN4 ≥ 6, *skip to aggregate information section.*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Questions	Sexual partners
QDS programming note for PREP1N4 (PrEP-partner 1), PREP2N4 (PrEP-partner 2), PREP3N4 (PrEP-partner 3), PREP4N4 (PrEP-partner 4), PREP5N4 (PrEP-partner 5): Variable label for PREP1N4 is PrEP-partner 1. Variable label for PREP2N4 is PrEP-partner 2. Variable label for PREP3N4 is PrEP-partner 3. Variable label for PREP4N4 is PrEP-partner 4. Variable label for PREP5N4 is PrEP-partner 5.	

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Aggregate information (SA)

SAY: "We just talked about the five people you most recently had sex with. Now I'd like to ask you about the other partner(s) with whom you had sex with during the **past 12 months**. For these next questions, please don't include partners you have already discussed."

Interviewer instructions before SXAGC1N4 (aggregate condom use 6 partners):
If respondent reported 7 or more sex partners (SX_TOTN4 ≥ 7), then skip to SXAGC2N4 (aggregate condom use-more than 6 partners). If respondent reported 6 partners (SX_TOTN4=6), go to SXAGC1N4 (aggregate condom use- 6 partners).

SA.1.0. During the **past 12 months**, was a condom always used when you had vaginal or anal sex with your other partner? *[SXAGC1N4]*

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

QDS programming note for SXAGC1N4 (aggregate condom use 6 partners):
Variable label is aggregate condom use-6 partners.

SA.1.1. Was your other partner HIV positive? *[SXAGP1N4]*

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

QDS programming note for SXAGP1N4 (aggregate partner status-6 partners):
Variable label is aggregate partner status-6 partners.

Interviewer instructions after SXAGP1N4 (aggregate partner status-6 partners):
Skip to the serosorting section (Say box before SEROSRT1).

SA.1.2 During the **past 12 months,** with how many of these ***[INSERT SX_TOTN4-5]*** other partners was a condom always used when you had vaginal or anal sex? *[SXAGC2N4]*

__ __ __ [7777 = Refused to answer, 8888 = Don't know]

QDS programming note for SXAGC2N4 (aggregate condom use-more than 6 partners):
Range is 0–999.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Variable label is aggregate condom use-more than 6 partners.

If SXAGC2N4 (aggregate condom use-more than 6 partners) is greater than **SX_TOTN4-5** then display the following: "The number of additional partners with whom you used a condom cannot be greater than [insert value from SX_TOTN4-5]. Confirm Answer." Go back to SXAGC2N4 (aggregate condom use-more than 6 partners.

Calculated variable SXAGUPN4: Create a calculated variable to indicate the aggregate number of partners with whom the respondent had unprotected sex. If SX_TOTN4 is > 5, then create SXAGUPN4 where (SX_TOTN4-5)-SXAGC2N4. (If SXAGC2N4 is don't know or refuse, assign it a 7777 if refused or 8888 if don't know.)

Variable label is aggregate number of unprotected sex partners.

Interviewer instructions for SXAGC2N4 (aggregate condom use more than 6 partners): *If SXAGC2N4 (aggregate condom use more than 6 partners) = SX_TOTN4 (total number of partners), "don't know," or "refused to answer," then skip to the serosorting section (Say box before SEROSRT1). Otherwise, go to SXAGC3N4 (aggregate condom use-more than 6 partners).*

SA.1.3 So, you had unprotected sex with ***[INSERT RESPONSE FROM SXAGUPN4]*** of these other partners? *[SXAGC3N4]*

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

QDS programming note for SXAGC3N4 (aggregate unprotected sex-more than 6 partners):
Variable label is aggregate unprotected sex-more than 6 partners.

If SXAGC3N4 (aggregate unprotected sex-more than 6 partners) is "refused to answer" or "don't know," then return to SXAGC2N4 (aggregate condom use-more than 6 partners).

SA.1.4 How many of those ***[INSERT RESPONSE FROM SXAGUPN4]*** other partners were HIV positive? *[SXAGP2N4]*

__ __ __ *[7777 = Refused to answer, 8888 = Don't know]*

QDS programming note for SXAGP2N4 (aggregate concordant partners-more than 6 partners):
Range is 0–999.
SXAGP2N4 cannot be greater than SXAGUPN4. If SXAGP2N4 > SXAGUPN4, then display the following message, "The response is out of range" and return to SXAGP2N4 (aggregate

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concordant partners-more than 6 partners).
Variable label for SXAGP2N4 is aggregate concordant partners-more than 6 partners.

Serosorting

SAY: "For these next questions, I will read you a statement and then I'll ask you to tell me if you strongly disagree, somewhat disagree, are neutral, somewhat agree, or strongly agree. Some of the statements may not apply to your situation; however, tell me whether you think you would disagree or agree. We will use **Response Card L** for these four questions."

S26. If my partner tells me he or she is HIV positive, I am more likely to have unprotected sex with him or her. ***[CHECK ONLY ONE.]*** ***[SEROSRT1]***

Strongly disagree ..... ☐ 1

Somewhat disagree ..... ☐ 2

Neutral ..... ☐ 3

Somewhat agree ..... ☐ 4

Strongly agree ..... ☐ 5

Refused to answer ..... ☐ 7

Don't know ..... ☐ 8

S27. If my partner tells me he or she is HIV positive, we don't have to worry about using condoms. ***[CHECK ONLY ONE.]*** ***[SEROSRT2]***

Strongly disagree ..... ☐ 1

Somewhat disagree ..... ☐ 2

Neutral ..... ☐ 3

Somewhat agree ..... ☐ 4

Strongly agree ..... ☐ 5

Refused to answer ..... ☐ 7

Don't know ..... ☐ 8

S28. If I have an undetectable HIV viral load, I am more likely to have unprotected sex. ***[CHECK ONLY ONE.]*** ***[SEROSRT3]***

Strongly disagree ..... ☐ 1

Somewhat disagree ..... ☐ 2

Neutral ..... ☐ 3

Somewhat agree ..... ☐ 4

Strongly agree ..... ☐ 5

Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

S29. Having an undetectable HIV viral load means I can worry less about having to use condoms. ***[CHECK ONLY ONE.]*** ***[SEROSRT4]***

Strongly disagree ..... ☐ 1

Somewhat disagree ..... ☐ 2

Neutral ..... ☐ 3

Somewhat agree ..... ☐ 4

Strongly agree ..... ☐ 5

Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Drug and Alcohol Use (U)

Cigarette and Alcohol Use

SAY: "The next questions are about smoking cigarettes."

U1. Have you smoked at least 100 cigarettes in your entire life? ***[CIG_EVR]***

No ..... ☐ 0 → *Skip to Say box before U2*
Yes ..... ☐ 1
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

Skip to Say box before U2

SAY: "Now we will use **Response Card M**."

U1a. How often do you smoke cigarettes now? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[CIG_OFT]***

Daily..... ☐ 1
Weekly ..... ☐ 2
Monthly ..... ☐ 3
Less than monthly ..... ☐ 4
Never..... ☐ 5
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

SAY: "Now I'm going to ask you about any alcohol that you may have had. We will use **Response Card M**."

U2. During the **past 12 months**, how often did you drink alcohol? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[ALCOHO_9]***

Daily..... ☐ 1
Weekly ..... ☐ 2
Monthly ..... ☐ 3
Less than monthly ..... ☐ 4
Never..... ☐ 5
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

Skip to Say box before U8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Interviewer instructions: If SX_TOTN4 (total number of sex partners) ≥1 OR if SXFFONN4 (female-female partners only) =1, go to U3. Else, skip to Say box before U4.

U3. During the **past 12 months**, did you drink alcohol before or during sex? ***[ALCOHOL1]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

SAY: "Now I am going to ask you some questions. We will use the calendar to refer to the past 30 days."

U4. During the **past 30 days**, on how many days did you have an alcoholic drink? ***[DRINK_9]***

___ ____ *[Refused to answer = 77, Don't know = 88]*

***Inconsistency check**: U4 (number of days had an alcoholic drink during the past 30 days) must be between 0 and 30.*

Interviewer instructions: If U4 (number of days consumed alcohol during the past 30 days) is "0," "Refused to answer," or "Don't know," skip to Say box before U8.

SAY: "We will use the **Alcohol Response Card** for these next questions. For these questions a drink of alcohol is a 12 oz beer, a 5 oz glass of wine, or a 1.5 oz shot of liquor."

U5. During the **past 30 days**, how many alcoholic drinks did you have on a typical day when you were drinking? ***[NDRINK_9]***

____ ____ *[Refused to answer = 77, Don't know = 88]*

***Inconsistency check**: U5 (number of drinks on a typical day during the past 30 days) must be between 1 and 30.*

Interviewer instructions: If [BIRTGEN] is "Female" or "Intersex/ambiguous," skip to U7.

U6. During the **past 30 days**, on how many days did you have 5 or more alcoholic drinks in one sitting? ***[DRINK5_9]***

____ ____ *[Refused to answer = 77, Don't know = 88]*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

QDS programming note: If U6 > U4 then READ: "The number of days in the past 30 days that you had 5 or more drinks (*[response from DRINK5_9]*) cannot be greater than the number of days you had a drink in the last 30 days (*[response from DRINK_9]).*"

Inconsistency check: U6 (number of days had 5 or more drinks during the past 30 days) must be ≤ 30 and ≤ U4 (number of days had a drink during the past 30 days).

Interviewer instructions: Skip to Say box before U8.

U7. During the **past 30 days**, on how many days did you have 4 or more alcoholic drinks in one sitting? ***[DRINK4_9]***

____ ____ *[Refused to answer = 77, Don't know = 88]*

Inconsistency check: U7 (number of days had 4 or more drinks during the past 30 days) must be ≤ 30 and ≤ U4 (number of days had a drink during the past 30 days).

QDS programming note: If U7 > U4 then READ: "The number of days in the past 30 days that you had 4 or more drinks (*[response from DRINK4_9]*) cannot be greater than the number of days you had a drink in the last 30 days (*[response from DRINK_9]).*

Non-Injection Drug Use

SAY: **"**Now I'm going to ask you about drugs that you may have used, but didn't inject. I will refer to these as non-injection drugs. This includes drugs like marijuana, crack, club drugs, and painkillers. Tell me about the drugs you used that were not for medical purposes."

U8. During the **past 12 months**, did you use any non-injection drugs? ***[ANID12_9]***

No ..... ☐ 0 → *Skip to Say box before U12*
Yes ..... ☐ 1
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

Skip to Say box before U12

SAY: "I'm going to read you a list of non-injection drugs. For each one I mention, please tell me how often you used it during the **past 12 months**. Don't include drugs you injected or drugs that were used for medical purposes. For these questions we will use **Response Card M**."

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Interviewer instructions: If the respondent's drug use was sporadic during the past 12 months, ask the respondent to choose the response option that best characterizes his or her use.

	During the **past 12 months**, how often did you use:	**Daily** (1)	**Weekly** (2)	**Monthly** (3)	**Less than monthly** (4)	**Never** (5)	**Refused to answer** (7)	**Don't Know** (8)
U9a.	…methamphetamines, also called crystal meth, tina, crank, or ice? ***[CRYMTC_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9b.	…other amphetamines or stimulants? ***[AMPHET_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9c.	…crack? ***[CRACK1_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9d.	…cocaine that is smoked or snorted? ***[COCSMO_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9e.	…downers, such as Valium, Ativan, or Xanax? ***[DOWNER_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9f.	…painkillers, such as Oxycontin, Vicodin, or Percocet? ***[PAINKI_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9g.	…hallucinogens, such as LSD or mushrooms? ***[HALLUC_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9h.	…X, also called Ecstasy? ***[XECT_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9i.	…Special K, also called ketamine? ***[SPECK_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9j.	…GHB? ***[GHB_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9k.	…heroin or opium that is smoked or snorted? ***[HEROIN_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9l.	…marijuana? ***[MARIJU_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9m.	…poppers, also called amyl nitrate? ***[POPPER_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9n.	…steroids or hormones? ***[STRHOR_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9o.	…any other non-injection drug	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

	During the **past 12 months**, how often did you use:	**Daily** (1)	**Weekly** (2)	**Monthly** (3)	**Less than monthly** (4)	**Never** (5)	Refused to answer (7)	Don't Know (8)
	(Specify:_____)? ***[ONINJD_9] [ONINJ9OS]***							

Inconsistency check: If U8 (non-injection drug use) is "Yes" and all of the responses to U9a-U9o are "Never,", then QDS will display a message saying, "You said that you used non-injection drugs during the past 12 months. Please tell me the name of the drug you used and how often you used it during the past 12 months." Interviewer return to Say box after U8.

Interviewer instructions: If SX_TOTN4 (total number of sex partners) ≥1 OR if SXFFONN4 (female-female partners only) =1, go to U10. Else, skip to Say box before U12.

U10. During the **past 12 months**, did you use any non-injection drugs before or during sex? ***[NID_BFSX]***

No ..... ☐ 0 → ***Skip to Say box before U12***
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Skip to Say box before U12

Interview instructions: If U9a is "Daily," "Weekly," "Monthly," or "Less than monthly," check the shaded box (column 1) in U11a. Follow the same pattern for b–o. If no shaded boxes (column 1) are checked in U11a–o, skip to Say box before U12.

		During the **past 12 months**, did you use: ***[ONLY READ QUESTIONS WHERE THE SHADED BOX (COLUMN 1) IS CHECKED.]***	**No** (0)	**Yes** (1)	Refused to answer (7)	Don't Know (8)
☐	U11a.	…methamphetamines before or during sex? ***[CRAMT2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11b.	…other amphetamines or stimulants before or during sex? ***[AMPHT2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11c.	…crack before or during sex? ***[CRACK2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11d.	…cocaine that is smoked or snorted before or during sex? ***[COCSM2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11e.	…downers, such as Valium, Ativan, or Xanax, before or during sex? ***[DOWNE2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11f.	…painkillers, such as Oxycontin, Vicodin, or Percocet before or during sex? ***[PAINK2_9]***	☐ 0	☐ 1	☐ 7	☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

☐	U11g.	…hallucinogens, such as LSD or mushrooms before or during sex? ***[HALLU2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11h.	…X, also called Ecstasy before or during sex? ***[XECT2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11i.	…Special K, also called ketamine before or during sex? ***[SPECK2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11j.	…GHB before or during sex? ***[GHB2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11k.	…heroin or opium that is smoked or snorted before or during sex? ***[HEROI2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11l.	…marijuana before or during sex? ***[MARIJ2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11m.	…poppers, also called amyl nitrate, before or during sex? ***[POPPE2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11n.	…steroids or hormones before or during sex? ***[STRHO2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11o.	… ***[RESPONSE FROM U9o]*** before or during sex? ***[ONINJ2_9]***	☐ 0	☐ 1	☐ 7	☐ 8

Inconsistency check: If U10 (non-injection drug use before or during sex) is "Yes" and all of the responses to U11a–U11o are "No," then QDS will display a message saying, "You said that you used non-injection drugs before or during sex during the past 12 months. Please tell me the name of the drug you used and how often you used it before or during sex during the past 12 months." Interviewer return to U11a.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Injection Drug Use

SAY: "The next questions are about injection drug use. This means injecting drugs yourself or having someone else inject you. Remember, your answers will be kept confidential."

U12. Have you **ever** shot up or injected any drugs that weren't used for medical purposes? By shooting up, I mean anytime you might have used drugs with a needle, either by mainlining, skin popping or muscling. ***[EVERINJ]***

No ..... ☐ 0 → *Skip to Say box before B1*
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Skip to Say box before B1

U12a. During the **past 12 months**, have you shot up or injected any drugs that weren't used for medical purposes? By shooting up, I mean anytime you might have used drugs with a needle, either by mainlining, skin popping, or muscling. ***[INJECT12]***

No ..... ☐ 0 → *Skip to Say box before B1*
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Skip to Say box before B1

SAY: "Now I'm going to read you a list of drugs. For each drug I mention, please tell me how often you injected it during the **past 12 months**. We will use **Response Card M** for these questions."

Interviewer instructions: If the respondent's drug use was sporadic during the past 12 months, ask the respondent to choose the response option that best characterizes his or her use.

	During the **past 12 months**, how often did you inject:	**Daily** (1)	**Weekly** (2)	**Monthly** (3)	**Less than monthly** (4)	**Never** (5)	**Refused to answer** (7)	**Don't Know** (8)
U13a.	…heroin and cocaine together, also called speedballs? ***[HERCOC_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U13b.	…heroin alone? ***[HEROII_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U13c.	…cocaine alone? ***[COCAII_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U13d.	…crack? ***[CRACKI_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

	During the **past 12 months**, how often did you inject:	**Daily** (1)	**Weekly** (2)	**Monthly** (3)	**Less than monthly** (4)	**Never** (5)	**Refused to answer** (7)	**Don't Know** (8)
U13e.	…methamphetamines, also called crystal meth, tina, or crank? ***[CRAMTI_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U13f.	…other amphetamines or stimulants? ***[AMPHEI_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U13g.	…Oxycontin? ***[OXYCON_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U13h.	…steroids or hormones? ***[STRHRI_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U13i.	…any other drug ***(Specify:_____)***? ***[OINJDI_9][OINJD9OS]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8

Inconsistency check: If U12 (injection drug use) is "Yes" and all of the responses to U13a–U13i are "Never,", then QDS will display a message saying, "You said that you used injection drugs during the past 12 months. Please tell me the name of the drug you used and how often you used it during the past 12 months." Interviewer return to say box after U12a.

Interviewer instructions: If SX_TOTN4 (total number of sex partners) ≥1 OR if SXFFONN4 (female-female partners only) =1, go to U14 (INJ_BFSX). Else, skip to Say box before B1 (transmission risk behaviors).

U14. During the **past 12 months**, did you inject drugs before or during sex? ***[INJ_BFSX]***

No ..... ☐ 0 → ***Skip to Say box before U16***

Yes ..... ☐ 1

Refused to answer ..... ☐ 7

Don't know ..... ☐ 8

} ***Skip to Say box before U16***

Interview instructions: If U13a is "Daily," "Weekly," "Monthly," or "Less than monthly," check the shaded box (column 1) in U15a. Follow the same pattern for b–i. If no shaded boxes are checked in U13, skip to Say box before U16.

		During the **past 12 months**, did you inject: ***[ONLY READ QUESTIONS WHERE THE SHADED BOX (COLUMN 1) IS CHECKED.]***	**No** (0)	**Yes** (1)	**Refused to answer** (7)	**Don't Know** (8)

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Interview instructions: If U13a is "Daily," "Weekly," "Monthly," or "Less than monthly," check the shaded box (column 1) in U15a. Follow the same pattern for b–i. If no shaded boxes are checked in U13, skip to Say box before U16.						
		During the **past 12 months**, did you inject: ***[ONLY READ QUESTIONS WHERE THE SHADED BOX (COLUMN 1) IS CHECKED.]***	**No** (0)	**Yes** (1)	Refused to answer (7)	Don't Know (8)
☐	U15a.	…heroin and cocaine together before or during sex? ***[HERCO2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U15b.	…heroin alone before or during sex? ***[HERII2_***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U15c.	…cocaine alone before or during sex? ***[COCAI2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U15d.	…crack before or during sex? ***[CRACI2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U15e.	…methamphetamines before or during sex? ***[CRAMI2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U15f.	…other amphetamines or stimulants before or during sex? ***[AMPHI2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U15g.	…Oxycontin before or during sex? ***[OXYCO2_***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U15h.	…steroids or hormones before or during sex? ***[STRHI2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U15i.	…***[RESPONSE FROM U13i]*** before or during sex? ***[OINJI2_9]***	☐ 0	☐ 1	☐ 7	☐ 8

Inconsistency check: If U14 (injection drug use before or during sex) is "Yes" and all of the responses to U15a–U15i are "No," then QDS will display a message saying, "You said that you used injection drugs before or during sex during the past 12 months. Please tell me the name of the drug you used and how often you used it before or during sex during the past 12 months." Interviewer return to U15a.

SAY: "Now I am going to ask you some questions about sharing needles and equipment."

U16. When you injected during the **past 12 months**, did someone use the same needle after you used it? ***[SHR_NDL]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

U17. When you injected during the **past 12 months**, did someone use the same cookers, cotton, or rinse water after you used it? ***[SHR_WRKS]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

U18. When you injected during the **past 12 months**, did you use drugs that had been divided with a syringe? ***[DIV_SYRN]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Transmission Risk Behaviors (B)

***SAY*: "**Next I'd like to ask you some questions about how you might have gotten HIV. Some questions may ask you to remember things that happened a long time ago or ask for information about your past partners' behaviors. If you can't remember or don't know the answer to the questions, it is fine to tell me that you don't know. Also, some of these questions may not apply to your situation, but I need to ask you all of the questions."

B1. Were you born with HIV? ***[IPERINN3]***

No ..... ☐ 0
Yes ..... ☐ 1 ⟹ ***Skip to say box before P1***
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

SAY*: "**Earlier I asked you about things that have been going on in your life in the past 12 months. Now I'm going to ask you about things you did between 1977—around when HIV was recognized in the United States—and when you tested positive for HIV on ***[INSERT DATE FROM A1].

B2. Before you first tested positive for HIV, did you have sex with a male? ***[ISEXMAN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

B3. Before you first tested positive for HIV, did you have sex with a female? ***[ISEXFEN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Interviewer instructions: If the person was female at birth (BIRTGEN=2) and had sex with a man (ISEXMAN3=1) then go to B4. If the person was male at birth (BIRTGEN=1) and had sex with a woman (ISEXFEN3=1) then go to B10; otherwise skip to B15.

QDS programming note: If ***[BIRTGEN]*** is "Don't know" or "Refused to answer," skip to B15. If ***[BIRTGEN]*** =2 and ***[ISEXMAN3]*** is "Don't know" or "Refused to answer," skip to B15. If ***[BIRTGEN]*** =1 and ***[ISEXFEN3]*** is "Don't know" or "Refused to answer," skip to B15.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

B4. Before you first tested positive for HIV, did any of your male partners use needles to inject heroin, cocaine, steroids, or any other drug that was not prescribed by a doctor? ***[IFSXIDN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

B5. Before you first tested positive for HIV, did any of your male sex partners have sex with other men? ***[IFSXBIN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

B6. Before you first tested positive for HIV, did any of your male sex partners have HIV or AIDS? ***[IFSXHIN3]***

No ..... ☐ 0 → ***Skip to B15***
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8 } ***Skip to B15***

B7. Before you first tested positive for HIV, did any of your male sex partners who had HIV or AIDS have hemophilia or any other bleeding disorder before they found out they had HIV or AIDS? ***[IFSXHEN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

***SAY*: "**The next question asks about whether your male partners with HIV have ever had a transfusion of blood products. By this I mean something made from someone else's blood—such as blood, red blood cells, plasma, or platelets—that was given to him by IV."

B8. Before you first tested positive for HIV, did any of your male sex partners who had HIV or AIDS receive a transfusion of blood products before they were diagnosed with HIV or AIDS? ***[IFSXTXN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Don't know ..... ☐ 8

B9. Before you first tested positive for HIV, did any of your male sex partners who had HIV or AIDS receive an organ or tissue transplant before they were diagnosed with HIV or AIDS? ***[IFSXTPN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Interviewer instructions: Skip to B15

B10. Before you first tested positive for HIV, did any of your female sex partners use needles to inject heroin, cocaine, steroids, or any other drug that was not prescribed by a doctor? ***[IMSXIDN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

B11. Before you first tested positive for HIV, did any of your female sex partners have HIV or AIDS? ***[IMSXHIN3]***

No ..... ☐ 0 → ***Skip to B15***
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8 } ***Skip to B15***

B12. Before you first tested positive for HIV, did any of your female sex partners who had HIV or AIDS have hemophilia or any other bleeding disorder before they found out they had HIV or AIDS? ***[IMSXHEN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

***SAY*: "**The next question asks about whether your female partners with HIV have ever had a transfusion of blood products. By this I mean something made from someone else's blood—such as blood, red blood cells, plasma, or platelets—that was given to her by IV."

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

B13. Before you first tested positive for HIV, did any of your female sex partners who had HIV or AIDS receive a transfusion of blood products before they found out they had HIV or AIDS? ***[IMSXTXN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

B14. Before you first tested positive for HIV, did any of your female sex partners who had HIV or AIDS receive an organ or tissue transplant before they found out they had HIV or AIDS? ***[IMSXTPN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

B15. Before you first tested positive for HIV, did you use needles to inject heroin, cocaine, steroids, or any other drug that was not prescribed by a doctor? ***[IIDUN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

***SAY*: "**People who have blood clotting problems like hemophilia sometimes need to get treated with something to prevent bleeding called clotting factor."

B16. Before you first tested positive for HIV, did you ever receive clotting factor? ***[ICLOTN3]***

No ..... ☐ 0 → *Skip to Say box before B18*
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Skip to Say box before B18

B17. Did you ever receive clotting factor before March, 1985? ***[ICLO85N3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

***SAY*: "**The next question asks about whether you have ever had a transfusion of blood products. By this I mean something made from someone else's blood—such as blood, red blood cells, plasma, or platelets—that was given to you by IV."

B18. Before you first tested positive for HIV, did you ever receive a transfusion of blood products besides clotting factor? ***[ITRANN3]***

No ..... ☐ 0 → ***Skip to B20***
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8 } ***Skip to B20***

B19. Did you ever receive a transfusion of blood products before March, 1985? ***[ITRA85N3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

B20. Before you first tested positive for HIV, did you receive an organ or tissue transplant or artificial insemination? ***[ITRPLTN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

B21. Before you first tested positive for HIV, did you work in a health care or laboratory setting where you might have been exposed to human blood or other body fluids? ***[IHCWRN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Prevention Activities (P)

***SAY*: "**Next I'd like to ask you about HIV prevention activities."

P1. During the **past 12 months**, have you gotten any free condoms, not counting those given to you by a friend, relative, or sex partner? ***[COND12_9]***

No ..... ☐ 0 → *Skip to instructions before P2*
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8 } *Skip to instructions before P2*

P1a. From what type of place or places did you get these free condoms?
[DON'T READ CHOICES. CHECK ALL THAT APPLY.] ***[CONF_12]***

Community-based organization ..... ☐ 1 ***[CONF_12A]***
Family planning clinic ..... ☐ 2 ***[CONF_12B]***
STD clinic ..... ☐ 3 ***[CONF_12C]***
Doctor's office or other health clinic ..... ☐ 4 ***[CONF_12D]***
IDU outreach organization (including needle exchange) ..... ☐ 5 ***[CONF_12E]***
Social venue (bar, club, bathhouse, gym, bookstore) ..... ☐ 6 ***[CONF_12F]***
Special event ..... ☐ 7 ***[CONF_12G]***
Other ..... ☐ 8 ***[CONF_12H]***
Refused to answer ..... ☐ 77
Don't know ..... ☐ 88

Interviewer instructions: If "Other" is selected for P1a, go to P1a_1os. Otherwise, skip to Interviewer Instructions before P2.

P1a_1os. Specify other place where you got these free condoms:
_____ ***[COH_12OS]***
[7 = Refused, 8 = Don't know]

P1a_2o. Is there another place where you got free condoms? ***[CONF_12I]***

Yes ..... ☐ 1
No ..... ☐ 0

Interviewer instructions: If P1a_2o is "Yes," go to P1a_2os. Otherwise, skip to Interviewer Instructions before P2.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

P1a_2os. Specify other place where you got these free condoms:

_____ *[COI_12OS]*

[7 = Refused, 8 = Don't know]

Interviewer instructions: If U12a (injection drug use during the past 12 months) is "Yes," go to P2. If U12a is "No," "Refused to answer," "Don't know," or skipped, then skip to P3.

P2. During the **past 12 months**, have you gotten any new sterile needles for free, not including those given to you by a friend, relative, or drug-using partner? *[STENEE_9]*

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

P2a. During the **past 12 months**, have you gotten any new cookers, cotton, or rinse water for free, not including those given to you by a friend, relative, or drug-using partner? *[KITS_9]*

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

P3. During the **past 12 months**, have you seen or received any informational/educational materials such as posters, leaflets, pamphlets, or videos that tell you how to protect you or your partners from HIV or other STDs? *[HIVINFN3]*

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

P4. During the **past 12 months**, not including when you may have been tested for HIV, have you had a one-on-one conversation with <u>an outreach worker, counselor, or prevention program worker</u> about ways to protect yourself or your partners from getting HIV or other sexually transmitted diseases? *[TALKHI_9]*

Label: Talked to counselor about HIV prevention

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

P5. During the **past 12 months**, not including when you may have been tested for HIV, have you had a one-on-one conversation with a doctor, nurse, or other health care worker about ways to protect yourself or your partners from getting HIV or other sexually transmitted diseases? ***[PRTLK_12]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

P6. During the **past 12 months**, not including when you may have been tested for HIV, have you participated in an organized session involving a small group of people to discuss ways to protect yourself or your partners from getting HIV or other sexually transmitted diseases? ***[GROU1_12]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Depression (M)

SAY: "Now I'm going to ask you some questions about your mood. When answering, please think about how often the following has occurred during the **past 2 weeks**. We will use **Response Card N** for these questions. We will also use the calendar to refer to the past 2 weeks."

	Over the past 2 weeks, how often have you been bothered by any of the following problems?	**Not at all** (1)	**Several Days** (2)	**More than half the days** (3)	**Nearly every day** (4)	**Refused to answer** (7)	**Don't know** (8)
M1a.	Little interest or pleasure in doing things ***[ANX_DEPA]***	☐	☐	☐	☐	☐	☐
M1b.	Feeling down, depressed, or hopeless ***[ANX_DEPB]***	☐	☐	☐	☐	☐	☐
M1c.	Trouble falling or staying asleep, or sleeping too much ***[ANX_DEPC]***	☐	☐	☐	☐	☐	☐
M1d.	Feeling tired or having little energy ***[ANX_DEPD]***	☐	☐	☐	☐	☐	☐
M1e.	Poor appetite or overeating ***[ANX_DEPE]***	☐	☐	☐	☐	☐	☐
M1f.	Feeling bad about yourself—or that you are a failure or have let yourself or your family down ***[ANX_DEPF]***	☐	☐	☐	☐	☐	☐
M1g.	Trouble concentrating on things, such as reading the newspaper or watching television ***[ANX_DEPG]***	☐	☐	☐	☐	☐	☐
M1h.	Moving or speaking so slowly that other people could have noticed, or the opposite - being so fidgety or restless that you have been moving around a lot more than usual ***[ANX_DEPH]***	☐	☐	☐	☐	☐	☐

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Gynecological and Reproductive History (G)

Interviewer instructions: If [BIRTGEN] and [GENDER] are "Female," go to Say box before G1; otherwise, skip to say box before C1.

***SAY*:** "I'm now going to ask some questions about pelvic exams and Pap smears. A pelvic exam is a vaginal examination. A Pap smear, also called a cervical cancer test or Pap test, is a test used to check for cancer of the cervix. Often a pelvic exam and Pap smear are performed at the same time."

G1. During the **past 12 months**, have you had a pelvic examination? *[PLV_EX_9]*

- No ☐ 0
- Yes ☐ 1
- Refused to answer ☐ 7
- Don't know ☐ 8

G2. During the **past 12 months**, have you had a Pap smear? *[PAP_EX_9]*

- No ☐ 0 → *Skip to Say box before G3*
- Yes ☐ 1
- Refused to answer ☐ 7
- Don't know ☐ 8

Skip to Say box before G3

G2a. Were the results of this Pap smear normal or not normal? *[PAP2_12]*

- Normal ☐ 1 → *Skip to Say box before G3*
- Not normal ☐ 2
- Refused to answer ☐ 7
- Don't know ☐ 8

Skip to Say box before G3

G2b. Did you receive a follow-up exam or tests for this abnormal result? *[PAP2A_12]*

- No ☐ 0
- Yes ☐ 1
- Refused to answer ☐ 7
- Don't know ☐ 8

***SAY*:** "I am going to read a list of ways that people prevent pregnancy. As I read each one, tell me if you have used it in the **past 12 months**. Please answer "YES" or "NO." Answer "YES" even if you have only used it once. Have you used this method to prevent pregnancy in the past 12 months? "

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

		No (0)	Yes (1)	Refused to answer (7)	Don't know (8)
G3a.	Male condom, also called a "rubber" *[BIRCOAN3]*	☐	☐	☐	☐
G3b.	Female condom *[BIRCOBN3]*	☐	☐	☐	☐
G3c.	Diaphragm, cervical cap, or cervical sponge*[BIRCOCN3]*	☐	☐	☐	☐
G3d.	Spermicidal foam or jelly*[BIRCODN3]*	☐	☐	☐	☐
G3e.	Depo-Provera®, which is an injection*[BIRCOEN3]*	☐	☐	☐	☐
G3f.	Hormonal implants such as Implanon® or Nexplanon®*[BIRCOFN3]*	☐	☐	☐	☐
G3g.	Birth control pills*[BIRCOGN3]*	☐	☐	☐	☐
G3h.	Contraceptive patch, for example, Ortho Evra®*[BIRCOHN3]*	☐	☐	☐	☐
G3i.	Contraceptive ring, for example NuvaRing®*[BIRCOIN3]*	☐	☐	☐	☐
G3j.	Intrauterine device or IUD, which comes as a coil or loop, for example, Mirena® or Paraguard®*[BIRCOJN3]*	☐	☐	☐	☐
G3k.	Emergency contraception or "morning after pill" *[BIRCOKN3]*	☐	☐	☐	☐
G3l.	Withdrawal, also called "pulling out" *[BIRCOLN3]*	☐	☐	☐	☐
G3m.	Abstinence, which is not having sex*[BIRCOMN3]*	☐	☐	☐	☐
G3n.	Post-menopausal, meaning that you do not have periods anymore*[BIRCONN3]*	☐	☐	☐	☐
G3o.	Tubal sterilization, which is having your "tubes tied," or a hysterectomy, which is having your uterus removed*[BIRCOON3]*	☐	☐	☐	☐

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

G3p. Partner's vasectomy*[BIRCOPN3]* ☐ ☐ ☐ ☐

SAY: "Earlier you told me that you first tested positive for HIV on __ __/__ __ __ __ ***[INSERT DATE FROM A1]***."

G4. Since testing positive for HIV in __ __/__ __ __ __ ***[INSERT DATE FROM A1]***, how many times have you been pregnant? *[PREG_9]*

___ ___ ___ *[777 = Refused to answer, 888 = Don't know]*

QDS programming note: Range is 0–100. If A1 (date first tested positive) is "don't know" or "refused to answer," then G4 should read as follows: "Since testing positive for HIV, how many times have you been pregnant?" and Say box before G4 should NOT be read.

QDS programming note: Range is 0–100.

QDS programming note: If G4 is 1, 2, 3, or 4, program G5-G8 accordingly to skip "extra" pregnancy questions.
If G4=1, then after G5a or b or c skip to Say box before G10.
If G4=2, then after G6a or b or c skip to Say box before G10.
If G4=3, then after G7a or b or c skip to Say box before G10.
If G4=4, then after G8a or b or c skip to Say box before G10.

If G4="don't know" or "refused to answer," then skip to Say box before G10.

Interviewer instructions: If G4 = 0, then skip to Say box before G10; otherwise go to Say box before G5.

If number of times pregnant *[PREG_9]* ***is 1–5, SAY:*** "Now I would like to ask you about all of your pregnancies since testing positive for HIV, starting with your first one."

If number of times pregnant *[PREG_9]* ***is greater than 5 pregnancies, SAY:*** "Now I would like to ask you about your first 5 pregnancies since testing positive for HIV."

G5. For your **1st pregnancy** since testing positive for HIV, were you trying to get pregnant? *[INTNT1N3]*

No ..... ☐ 0
Yes ..... ☐ 1

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Refused to answer..... ☐ 7

Don't know ..... ☐ 8

G5a. What was the outcome of this pregnancy? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[OUTCM1N3]***

Currently pregnant..... ☐ 1 ⟹ ***Skip to G5d***

Live birth ..... ☐ 2

Stillbirth..... ☐ 3

Miscarriage..... ☐ 4

Abortion ..... ☐ 5

Refused to answer ..... ☐ 7

Don't know..... ☐ 8

G5b. In what month and year did this outcome occur? ***[PDTE1N3]***

__ __/ __ __ __ __
(M M / Y Y Y Y)

[Month: 77 = Refused to answer, 88= Don't know;
Year: 7777 = Refused to answer, 8888 = Don't know]

Interviewer instructions: If outcome [OUTCM1N3] was "Live birth," then go to G5c; otherwise skip to G6 if G4>1 or skip to Say box before G10 if G4=1.

Inconsistency check: *[PDTE1N3] cannot be earlier than [DOB_13] or earlier than [POS1S_9]* (date first tested positive).

QDS programming note:
Allow a blank response for month.
If *[PDTE1N3] < [DOB_13]* then READ: "The outcome date cannot be earlier than respondent's date of birth. Please re-enter date." Do not allow the program to advance.
If *[PDTE1N3] < [POS1S_9]* then READ: "The outcome date cannot be earlier than the date of respondent's first positive HIV test. Please re-enter date." Do not allow the program to advance. If month is blank for PDTE1N3, use the year values for the validation.

G5c. Was the child diagnosed with HIV? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[KID1HVN3]***

No ..... ☐ 0

Yes ..... ☐ 1

Indeterminate..... ☐ 2

Refused to answer..... ☐ 7

Don't know..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Interviewer instructions: If G4>1 go to G6, else skip to Say box before G10.

G5d. What is your due date? ***[DUDT1N3]***

__ __/ __ __ __ __
(M M / Y Y Y Y)

[Month: 77 = Refused to answer, 88= Don't know;
Year: 7777 = Refused to answer, 8888 = Don't know]

Interviewer instructions: If G4>1 go to G6, else skip to Say box before G10.

Inconsistency check: *[DUDT1N3] cannot be earlier than [DOB_13] or earlier than [POS1S_9]* (date first tested positive) or *greater than 10 months after [IDATE] (interview date).*

QDS programming note:
If *[DUDT1N3] < [DOB_13]* then READ: "The due date cannot be earlier than respondent's date of birth. Please re-enter date." Do not allow the program to advance.
If *[DUDT1N3] < [POS1S_9]* then READ: "The due date cannot be earlier than the date of respondent's first positive HIV test. Please re-enter date." Do not allow the program to advance.
If *[DUDT1N3] > 10 months after [IDATE]* then READ: "The due date cannot be more than 10 months after the interview date. Please re-enter date." Do not allow the program to advance.

G6. For the **2nd pregnancy** since testing positive for HIV, were you trying to get pregnant? ***[INTNT2N3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

G6a. What was the outcome of this pregnancy? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[OUTCM2N3]***

Currently pregnant..... ☐ 1 ⟹ ***Skip to G6d***
Live birth ..... ☐ 2
Stillbirth..... ☐ 3
Miscarriage..... ☐ 4
Abortion ..... ☐ 5
Refused to answer ..... ☐ 7
Don't know..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

G6b. In what month and year did this outcome occur? ***[PDTE2N3]***

__ __/ __ __ __ __
(M M / Y Y Y Y)

[Month: 77 = Refused to answer, 88= Don't know;
Year: 7777 = Refused to answer, 8888 = Don't know]

Interviewer instructions: If outcome [OUTCM2N3] was "Live birth," then go to G6c; otherwise skip to G7 if G4>2 or skip to Say box before G10 if G4=2.

Inconsistency check: *[PDTE2N3] cannot be earlier than [DOB_13] or earlier than [POS1S_9]* (date first tested positive).

QDS programming note:
Allow a blank response for month.
If *[PDTE2N3] < [DOB_13]* then READ: "The outcome date cannot be earlier than respondent's date of birth. Please re-enter date." Do not allow the program to advance.
If *[PDTE2N3] < [POS1S_9]* then READ: "The outcome date cannot be earlier than the date of respondent's first positive HIV test. Please re-enter date." Do not allow the program to advance. If month is blank for PDTE2N3, use the year values for the validation.

G6c. Was the child diagnosed with HIV? ***[READ CHOICES. CHECK ONLY ONE.] [KID2HVN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Indeterminate ..... ☐ 2
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

Interviewer instructions: If G4>2 go to G7, else skip to Say box before G10.

G6d. What is your due date? ***[DUDT2N3]***

__ __/ __ __ __ __
(M M / Y Y Y Y)

[Month: 77 = Refused to answer, 88= Don't know;
Year: 7777 = Refused to answer, 8888 = Don't know]

Interviewer instructions: If G4>2 go to G7, else skip to Say box before G10.

Inconsistency check: *[DUDT2N3] cannot be earlier than [DOB_13] or earlier than [POS1S_9]* (date first tested positive) or *greater than 10 months after [IDATE] (interview date).*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

QDS programming note:
If *[DUDT2N3] < [DOB_13]* then READ: "The due date cannot be earlier than respondent's date of birth. Please re-enter date." Do not allow the program to advance.
If *[DUDT2N3] < [POS1S_9]* then READ: "The due date cannot be earlier than the date of respondent's first positive HIV test. Please re-enter date." Do not allow the program to advance.
If *[DUDT2N3] > 10 months after [IDATE]* then READ: "The due date cannot be more than 10 months after the interview date. Please re-enter date." Do not allow the program to advance.

G7. For the **3rd pregnancy** since testing positive for HIV, were you trying to get pregnant? ***[INTNT3N3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

G7a. What was the outcome of this pregnancy? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[OUTCM3N3]***

Currently pregnant..... ☐ 1 ⟹ ***Skip to G7d***
Live birth ..... ☐ 2
Stillbirth..... ☐ 3
Miscarriage..... ☐ 4
Abortion ..... ☐ 5
Refused to answer ..... ☐ 7
Don't know..... ☐ 8

G7b. In what month and year did this outcome occur? ***[PDTE3N3]***

__ __/ __ __ __ __
(M M / Y Y Y Y)

[Month: 77 = Refused to answer, 88= Don't know;

Year: 7777 = Refused to answer, 8888 = Don't know]

Interviewer instructions: If outcome [OUTCM3N3] was "Live birth," then go to G7c; otherwise skip to G8 if G4>3 or skip to Say box before G10 if G4=3.

Inconsistency check: *[PDTE3N3] cannot be earlier than [DOB_13] or earlier than [POS1S_9]* (date first tested positive).

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

QDS programming note:
Allow a blank response for month.
If *[PDTE3N3] < [DOB_13]* then READ: "The outcome date cannot be earlier than respondent's date of birth. Please re-enter date." Do not allow the program to advance.
If *[PDTE3N3] < [POS1S_9]* then READ: "The outcome date cannot be earlier than the date of respondent's first positive HIV test. Please re-enter date." Do not allow the program to advance. If month is blank for PDTE3N3, use the year values for the validation.

G7c. Was the child diagnosed with HIV? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[KID3HVN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Indeterminate ..... ☐ 2
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

Interviewer instructions: If G4>3 go to G8, else skip to Say box before G10.

G7d. What is your due date? ***[DUDT3N3]***

__ __/ __ __ __ __
(M M / Y Y Y Y)

[Month: 77 = Refused to answer, 88= Don't know;
Year: 7777 = Refused to answer, 8888 = Don't know]

Interviewer instructions: If G4>3 go to G8, else skip to Say box before G10.

Inconsistency check: *[DUDT3N3] cannot be earlier than [DOB_13] or earlier than [POS1S_9]* (date first tested positive) or *greater than 10 months after [IDATE] (interview date).*

QDS programming note:
If *[DUDT3N3] < [DOB_13]* then READ: "The due date cannot be earlier than respondent's date of birth. Please re-enter date." Do not allow the program to advance.
If *[DUDT3N3] < [POS1S_9]* then READ: "The due date cannot be earlier than the date of respondent's first positive HIV test. Please re-enter date." Do not allow the program to advance.
If *[DUDT3N3] > 10 months after [IDATE]* then READ: "The due date cannot be more than 10 months after the interview date. Please re-enter date." Do not allow the program to advance.

G8. For the **4th pregnancy** since testing positive for HIV, were you trying to get pregnant?

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

[INTNT4N3]

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

G8a. What was the outcome of this pregnancy? ***[READ CHOICES. CHECK ONLY ONE.]*** *[OUTCM4N3]*

Currently pregnant..... ☐ 1 ⟹ ***Skip to G8d***
Live birth ..... ☐ 2
Stillbirth..... ☐ 3
Miscarriage..... ☐ 4
Abortion ..... ☐ 5
Refused to answer ..... ☐ 7
Don't know..... ☐ 8

G8b. In what month and year did this outcome occur? *[PDTE4N3]*

__ __/ __ __ __ __
(M M / Y Y Y Y)

[Month: 77 = Refused to answer, 88= Don't know;
Year: 7777 = Refused to answer, 8888 = Don't know]

Interviewer instructions: If outcome [OUTCM4N3] was "Live birth," then go to G8c; otherwise skip to G9 if G4>4 or skip to Say box before G10 if G4=4.

Inconsistency check: *[PDTE4N3] cannot be earlier than [DOB_13] or earlier than [POS1S_9]* (date first tested positive).

QDS programming note:
Allow a blank response for month.
If *[PDTE4N3] < [DOB_13]* then READ: "The outcome date cannot be earlier than respondent's date of birth. Please re-enter date." Do not allow the program to advance.
If *[PDTE4N3] < [POS1S_9]* then READ: "The outcome date cannot be earlier than the date of respondent's first positive HIV test. Please re-enter date." Do not allow the program to advance. If month is blank for PDTE4N3, use the year values for the validation.

G8c. Was the child diagnosed with HIV? ***[READ CHOICES. CHECK ONLY ONE.]*** *[KID4HVN3]*

No ..... ☐ 0
Yes ..... ☐ 1
Indeterminate ..... ☐ 2

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Refused to answer..... ☐ 7
Don't know ..... ☐ 8

Interviewer instructions: If G4>4 go to G9, else skip to Say box before G10.

G8d. What is your due date? ***[DUDT4N3]***

__ __/ __ __ __ __
(M M / Y Y Y Y)

[Month: 77 = Refused to answer, 88= Don't know;
Year: 7777 = Refused to answer, 8888 = Don't know]

Interviewer instructions: If G4>4 go to G9, else skip to Say box before G10.

Inconsistency check: *[DUDT4N3] cannot be earlier than [DOB_13] or earlier than [POS1S_9]* (date first tested positive) or *greater than 10 months after [IDATE] (interview date).*

QDS programming note:
If *[DUDT4N3] < [DOB_13]* then READ: "The due date cannot be earlier than respondent's date of birth. Please re-enter date." Do not allow the program to advance.
If *[DUDT4N3] < [POS1S_9]* then READ: "The due date cannot be earlier than the date of respondent's first positive HIV test. Please re-enter date." Do not allow the program to advance.
If *[DUDT4N3] > 10 months after [IDATE]* then READ: "The due date cannot be more than 10 months after the interview date. Please re-enter date." Do not allow the program to advance.

G9. For the **5th pregnancy** since testing positive for HIV, were you trying to get pregnant? ***[INTNT5N3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

G9a. What was the outcome of this pregnancy? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[OUTCM5N3]***

Currently pregnant..... ☐ 1 ⟹ ***Skip to G9d***
Live birth ..... ☐ 2
Still birth..... ☐ 3
Miscarriage..... ☐ 4
Abortion ..... ☐ 5
Refused to answer ..... ☐ 7

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Don't know ..... ☐ 8

G9b. In what month and year did this outcome occur? ***[PDTE5N3]***

__ __/ __ __ __ __
(M M / Y Y Y Y)

[Month: 77 = Refused to answer, 88= Don't know;
Year: 7777 = Refused to answer, 8888 = Don't know]

Interviewer instructions: If outcome [OUTCM5N3] was "Live birth," then go to G9c; otherwise skip to Say box before G10.

Inconsistency check: *[PDTE5N3] cannot be earlier than [DOB_13] or earlier than [POS1S_9]* (date first tested positive).

QDS programming note:
Allow a blank response for month.
If *[PDTE5N3] < [DOB_13]* then READ: "The outcome date cannot be earlier than respondent's date of birth. Please re-enter date." Do not allow the program to advance.
If *[PDTE5N3] < [POS1S_9]* then READ: "The outcome date cannot be earlier than the date of respondent's first positive HIV test. Please re-enter date." Do not allow the program to advance. If month is blank for PDTE5N3, use the year values for the validation.

G9c. Was the child diagnosed with HIV? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[KID5HVN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Indeterminate ..... ☐ 2
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

Interviewer instructions: Skip to Say box before G10.

G9d. What is your due date? ***[DUDT5N3]***

__ __/ __ __ __ __
(M M / Y Y Y Y)

[Month: 77 = Refused to answer, 88= Don't know;
Year: 7777 = Refused to answer, 888= Don't know]

Inconsistency check: *[DUDT5N3] cannot be earlier than [DOB_13] or earlier than [POS1S_9]* (date first tested positive) or *greater than 10 months after [IDATE] (interview date).*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

QDS programming note:
If *[DUDT5N3] < [DOB_13]* then READ: "The due date cannot be earlier than respondent's date of birth. Please re-enter date." Do not allow the program to advance.
If *[DUDT5N3] < [POS1S_9]* then READ: "The due date cannot be earlier than the date of respondent's first positive HIV test. Please re-enter date." Do not allow the program to advance.
If *[DUDT5N3] > 10 months after [IDATE]* then READ: "The due date cannot be more than 10 months after the interview date. Please re-enter date." Do not allow the program to advance.

SAY: **"**Now I'm going to switch gears and ask you a question about HIV care."

G10. During the **past 12 months**, have you received *HIV care* at an OBGYN or gynecological clinic? ***[GYNECARE]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Health Conditions and Preventive Therapy (C)

SAY: *"*Now I'm going to ask you some questions about your CD4 counts, also called T–cell counts. A CD4 test measures how your body is fighting HIV."

C1. Have you **ever** had a CD4 test? ***[CD4_DO_9]***

No ..... ☐ 0 → *Skip to Say box before C4*
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Skip to Say box before C4

C1a. What was the month and year of your **first** CD4 count? ***[CD4FM_9]***

__ __/ __ __ __ __
(M M / Y Y Y Y)

[Month: 77 = Refused to answer, 88= Don't know;
Year: 7777 = Refused to answer, 8888 = Don't know]

Inconsistency check: Confirm response if C1a (date of first CD4 count) is earlier than A6 (date of first visit to a provider for HIV care) or later than A7 (date of most recent visit to a provider for HIV care.)

QDS programming note for C1a: If C1a (date of first CD4 count) is earlier than the A6 (date of first visit to a provider for HIV care), display the following confirmatory response: "Respondent said that date of first CD4 count was earlier than date first went to a HIV provider. Confirm response." Allow program to advance. If C1a (date of first CD4 count) is later than the A7 (most recent care visit), display the following confirmatory response: "Respondent said that date of first CD4 count was later than date of most recent visit to a provider for HIV care. Confirm response." Allow program to advance. Allow a blank response for month.

SAY: "For the next two questions we will use **Response Card O**."

C1b. What was the result of your **first** CD4 count? ***[CD4FCT_9]***

0–49 ..... ☐ 1
50–99 ..... ☐ 2
100–199 ..... ☐ 3
200–349 ..... ☐ 4
350–499 ..... ☐ 5
500 or more ..... ☐ 6
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

C1c. What was the result of your **lowest** CD4 count? ***[CD4LOW_9]***

0–49 ..... ☐ 1
50–99 ..... ☐ 2
100–199 ..... ☐ 3
200–349 ..... ☐ 4
350–499 ..... ☐ 5
500 or more ..... ☐ 6
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

Inconsistency check: C1c CD4LOW_9 cannot be higher than C1b CD4FCT_9.

QDS programming note: If C1c is higher than C1b, display the following message: "The result of lowest CD4 count cannot be higher than the result of first CD4 count." Display message to interviewer: "Interviewer: Please verify the response." Interviewer return to previous question (C1c.). Allow a blank response for month for C2.

C2. What was the month and year of your **most recent** CD4 count? ***[CD4MR11]***

__ __/ __ __ __ __
(M M / Y Y Y Y)

[Month: 77 = Refused to answer, 88= Don't know;
Year: 7777 = Refused to answer, 8888 = Don't know]

Inconsistency check: Date cannot be earlier than C1a [CD4FM_9]. If date of most recent CD4 count is earlier than C1a [CD4FM_9], display following message: "Date of most recent CD4 count cannot be earlier than date of first CD4 count. Interviewer: Please verify the response." ***Date cannot be later than I4 (date of interview). Interviewer return to previous question (C2).***

SAY: "Please use **Response Card O** again."

C2a. What was the result of your **most recent** CD4 count? ***[CDRMR_11]***

0–49 ..... ☐ 1
50–99 ..... ☐ 2
100–199 ..... ☐ 3
200–349 ..... ☐ 4
350–499 ..... ☐ 5
500 or more ..... ☐ 6
Refused to answer ..... ☐ 7

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Don't know ..... ☐ 8

SAY: "Now I'm going to ask you about CD4 counts during the **past 12 months**. Remember, that is from last year, (***DATE WITH PREVIOUS YEAR***) to now (***INTERVIEW DATE***)."

QDS programming note for Say box before C3: The QDS program should enter the appropriate dates. EXAMPLE: If IDATE is 11/11/2014 then the program should read "That is from last year, 11/11/2013 to now 11/11/2014."

C3. During the **past 12 months,** how many CD4 counts have you had? ***[CD12_N_9]***

___ ___ *[77=Refused to answer, 88=Don't know]*

Inconsistency check: C3 (number of CD4 counts in the past 12 months) must be ≤ 76. C3 cannot be 0 if C1a or C2 responses were during the past 12 months.

QDS programming note, If C3 is 0 and C1a or C2 are during the past 12 months, then display the following message: "You said earlier that you had a CD4 count during the past 12 months." Display message to interviewer: "Interviewer, please verify the response." *Interviewer return to previous question (C2).*

SAY: "Now I'm going to ask you some questions about HIV viral load tests. HIV viral load tests measure the amount of HIV in your blood."

C4. Have you **ever** had an HIV viral load test? ***[VL_DO_9]***

No ..... ☐ 0 → *Skip to Say box before C7*

Yes ..... ☐ 1

Refused to answer ..... ☐ 7

Don't know ..... ☐ 8

Skip to Say box before C7

C5. What was the month and year of your **most recent** viral load test? ***[VLMR_11]***

___ ___/ ___ ___ ___ ___
(M M / Y Y Y Y)

[Month: 77 = Refused to answer, 88= Don't know;
Year: 7777 = Refused to answer, 8888 = Don't know]

QDS programming note for C5: allow a blank response for month.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

SAY: "Please use **Response Card P**."

C5a. What was the result of your **most recent** viral load test? ***[CDRRV_11]***

Below the level of detection, undetectable ..... ☐ 1
Detectable but less than 5,000 viral copies/ml ..... ☐ 2
5,000 to 100,000 viral copies/ml ..... ☐ 3
Greater than 100,000 viral copies/ml..... ☐ 4
Refused to answer ..... ☐ 7
Don't know..... ☐ 8

SAY: "Now I'm going to ask you about your viral load tests during the **past 12 months**. That is from last year (***DATE WITH PREVIOUS YEAR***) to now (***INTERVIEW DATE***)."

QDS programming note for Say box before C6: The QDS program should enter the appropriate dates. EXAMPLE: If IDATE is 11/11/2014 then the program should read "That is from last year, 11/11/2013 to now 11/11/2014."

C6. During the **past 12 months**, how many viral load tests have you had? ***[VL12_N_9]***

___ ___ ***[77=Refused to answer, 88=Don't know]***

Inconsistency check*: *C6 (number of viral load tests) must be ≤ 76.

QDS programming note, If C6 is 0 and C5 is during the past 12 months, then display the following message: "You said earlier that you had a viral load test during the past 12 months." Display message to interviewer: "Interviewer, please verify the response." *Interviewer return to previous question (C5).*

***SAY*:** "The next question is about hepatitis, an infection of the liver. There are vaccines or shots to prevent hepatitis. I'm going to ask you whether you've had these vaccines. Don't include shots that you may have had **after** contact with someone who had Hepatitis A or B."

C7. Have you **ever** had a vaccine or shot to prevent hepatitis? ***[HEPVAC_9]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

***SAY*:** "Now I am going to ask you about tuberculosis, also called TB."

C8. Have you **ever** had a skin test for TB, sometimes called a PPD, or a blood test for TB? ***[TESTPN13]***

No ..... ☐ 0 → *Skip to Say box before C9*
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8 } *Skip to Say box before C9*

C8a. What month and year did you have your **most recent** TB skin or blood test? ***[PPDMYN3]***

___ ___/ ___ ___ ___ ___
(M M / Y Y Y Y)

[Month: 77 = Refused to answer, 88= Don't know;
Year: 7777 = Refused to answer, 8888 = Don't know]

QDS programming note for C8a: allow a blank response for month.

Inconsistency check: C8a (date of most recent TB test) cannot be <u>earlier</u> than the [DOB_13] or <u>later</u> than the I4 (date of interview).

C8b. Have you **ever** had a positive skin test or blood test for TB? ***[PP_PSN13]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

***SAY*:** "TB can live in the body for a long time without making a person sick, and the only way we might know about it is through a skin or blood test. When TB does make a person sick, we call it *'active TB*.'"

C8c. Have you ever been diagnosed with *active TB*? ***[ACTVTBN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer ..... ☐ 7
Don't know ..... ☐ 8

SAY: "Now I'm going to ask about vaccinations. To begin, I'm going to ask about the human papillomavirus or HPV vaccine. Other names for this vaccine are Gardasil and Cervarix."

C13. Have you **ever** had a vaccine for HPV? ***[HPV_EVR]***

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

C14. During the **past 12 months**, did you get a vaccine or shot to protect you from seasonal flu? ***[VACFL_10]***

No ..... ☐ 0 → ***Skip to C14b***
Yes ..... ☐ 1
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

} ***Skip to Say box before C15***

C14a. Where did you get your most recent seasonal flu vaccine? ***[READ CHOICES. CHECK ONLY ONE.]*** ***[LOCVA_10]***

Doctor's office..... ☐ 1
Health department clinic ..... ☐ 2
Drugstore or store (i.e. CVS, Walgreens, Target)..... ☐ 3
Employer ..... ☐ 4
Other ***(Specify:_____)*** ..... ☐ 5 ***[LOC_10OS]***
Refused to answer ..... ☐ 7
Don't know..... ☐ 8

Interviewer instructions*: *Skip to C15.

C14b. What was the main reason you did not get a seasonal flu vaccine during the past 12 months? ***[DON'T READ CHOICES. CHECK ONLY ONE.]*** ***[C13B_FLU]***

I could not find a place that offered the vaccine..... ..... ☐ 1
My provider did not offer me the vaccine..... ..... ☐ 2
I was concerned about side effects from the vaccine ..... ☐ 3
I was concerned about the safety of the vaccine..... .... ☐ 4
I did not think I needed it..... ☐ 5
I did not have enough insurance or money..... ☐ 6
Other ***(Specify_____)*** ☐ 7 ***[C13B_FOS]***
Refused to answer ..... ☐ 77
Don't know..... ☐ 88

SAY: "For the last few questions of the interview, I'm going to ask about different conditions you may or may not have and difficulties that you may or may not experience. Some of these things may seem obvious to you, but please answer the following questions."

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

C15. Are you deaf or do you have serious difficulty hearing? ***[DISDEFN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

C16. Are you blind or do you have serious difficulty seeing, even when wearing glasses? ***[DISBLNN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

C17. Because of a physical, mental, or emotional condition, do you have serious difficulty concentrating, remembering, or making decisions? ***[DISCONN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

C18. Do you have serious difficulty walking or climbing stairs? ***[DISWLKN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

C19. Do you have difficulty dressing or bathing? ***[DISDRSN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

C20. Because of a physical, mental, or emotional condition, do you have difficulty doing errands alone such as visiting a doctor's office or shopping? ***[DISERRN3]***

No ..... ☐ 0
Yes ..... ☐ 1
Refused to answer..... ☐ 7
Don't know ..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Interview Completion (E)

End of Interview

SAY: "Thank you again for taking part in this interview. Please remember that all the information you have given me will be kept confidential."

Interviewer instructions:

Offer assistance with information and resources, according to local protocol.

Don't pay the respondent if the respondent already participated in an MMP interview during the 2014 data collection cycle OR the respondent is less than 18 years old.

Pay the respondent if the respondent's first HIV positive test was after the PDP, OR the interview was partially or fully completed.

Payment Verification

Interviewer instructions: if I5 is "telephone interview," go to E1; otherwise skip to E2.

E1. ***Have arrangements for payment been made?*** ***[ARRANGE]***
No ..... ☐ 0
Yes ..... ☐ 1

Interviewer instructions: Skip to E4.

E2. ***Payment made:*** ***[PAYMENT]***
No ..... ☐ 0
Yes ..... ☐ 1 ⟹ ***Skip to E3***

E2a. ***Why was payment not made?*** ***[PAYNMAD]***
Participant refused payment ..... ☐ 1
Other (Specify:_____) ..... ☐ 2
[OPAY]
} ***Skip to E4***

E3. ***Receipt signed (or initialed):*** ***[RECEIPT]***
No ..... ☐ 0
Yes ..... ☐ 1 ⟹ ***Skip to E4***

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

E3a. ***Why was receipt not signed?*** *[RECNS]*
Participant refused to sign ..... ☐ 1
Other (Specify:_____) ..... ☐ 2
[ORECEI]

Data Validity

E4. ***How confident are you of the validity of the respondent's answers?*** *[CONF]*
Confident ..... ☐ 1
Some doubts ..... ☐ 2
Not confident at all ..... ☐ 3

E5. ***Record any additional comments, including disruptions that might have taken place during the interview, reason the interview might have been stopped, or why the respondent's answers may not have been reliable.*** *[ADDCOM1]*

QDS programming note for E4: Include a NA response option if Interviewers do not have any additional comments.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Response cards

Monthly Income		Yearly Income	
a.	$0 to $416	**n.**	$0 to $4,999
b.	$417 to $833	**o.**	$5,000 to $9,999
c.	$834 to $1041	**p.**	$10,000 to $12,499
d.	$1042 to $1249	**q.**	$12,500 to $14,999
e.	$1250 to $1666	**r.**	$15,000 to $19,999
f.	$1667 to $2083	**s.**	$20,000 to $24,999
g.	$2084 to $2499	**t.**	$25,000 to $29,999
h.	$2500 to $2916	**u.**	$30,000 to $34,999
i.	$2917 to $3333	**v.**	$35,000 to $39,999
j.	$3334 to $4166	**w.**	$40,000 to $49,999
k.	$4167 to $4999	**x.**	$50,000 to $59,999
l.	$5000 to $6250	**y.**	$60,000 to $74,999
m.	$6250 or more	**z.**	$75,000 or more

RESPONSE CARD B

I asked them not to tell any of my partners

I asked them to tell only some of my partners

I asked them to tell all of my partners

I told them that I didn't have any partners

RESPONSE CARD C

Always

Often

Sometimes

Occasionally

Never

RESPONSE CARD D

Extremely
Quite a bit
Somewhat
A little bit
Not at all

RESPONSE CARD E

Never
Occasionally
Sometimes
Often
Always

RESPONSE CARD F

Never
Rarely
About half of the time
Most of the time
Always

RESPONSE CARD G

Within the past **week**
1–2 **weeks** ago
3–4 **weeks** ago
1–3 **months** ago
More than 3 **months** ago
Never skip medicines

RESPONSE CARD H

Never
Rarely
About half of the time
Most of the time
Always
Been on medications less than 30 days

RESPONSE CARD I

Not at all sure
Somewhat sure
Very sure
Extremely sure

RESPONSE CARD J

Very dissatisfied
Somewhat dissatisfied
Somewhat satisfied
Very satisfied

RESPONSE CARD K

Not at all
A little
Somewhat
A lot

RESPONSE CARD K-1

≤24 years old
25-29 years old
30-34 years old
35-39 years old
40-44 years old
45-49 years old
>=50 years old

RESPONSE CARD L

Strongly disagree
Somewhat disagree
Neutral
Somewhat agree
Strongly agree

RESPONSE CARD M

Daily
Weekly
Monthly
Less than Monthly
Never

ALCOHOL RESPONSE CARD

RESPONSE CARD N

Not at all
Several days
More than half the days
Nearly every day

RESPONSE CARD O

0–49
50–99
100–199
200–349
350–499
500 or more

RESPONSE CARD P

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

2013 Calendar

January						
S	M	T	W	R	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

February						
S	M	T	W	R	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

March						
S	M	T	W	R	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

April						
S	M	T	W	R	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

May						
S	M	T	W	R	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

June						
S	M	T	W	R	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

July						
S	M	T	W	R	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

August						
S	M	T	W	R	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

September						
S	M	T	W	R	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

October						
S	M	T	W	R	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

November						
S	M	T	W	R	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

December						
S	M	T	W	R	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

2014 Calendar

January						
S	M	T	W	R	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February						
S	M	T	W	R	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

March						
S	M	T	W	R	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

April						
S	M	T	W	R	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

May						
S	M	T	W	R	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

June						
S	M	T	W	R	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

July						
S	M	T	W	R	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

August						
S	M	T	W	R	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

September						
S	M	T	W	R	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

October						
S	M	T	W	R	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

November						
S	M	T	W	R	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

December						
S	M	T	W	R	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Appendix G.2

Número OMB: 0920-0740

Fecha de vencimiento:
05/31/2015

Cuestionario estándar del Proyecto de monitoreo médico (MMP) del 2014

NO USAR HASTA MAYO DEL 2014

VERSIÓN 10.2.0

Se calcula que la carga pública reportada para recopilar esta información es un promedio de 45 minutos por respuesta, e incluye el tiempo invertido en revisar las instrucciones, buscar las fuentes de información existentes, recopilar y mantener los datos necesarios, y concluir y revisar el proceso de recolección de la información. Ninguna agencia puede realizar ni patrocinar la recopilación de información y no se le pedirá a ninguna persona que responda las preguntas en los formularios de solicitud de información, a menos que estos contengan un número de control OMB válido y vigente. Envíe sus comentarios con respecto a la forma en que se calcula este tiempo dedicado por el gobierno o sobre cualquier otro aspecto de esta recopilación de información, incluidas sus sugerencias para reducir la cantidad de tiempo dedicado, a: CDC, Project Clearance Officer, 1600 Clifton Road, MS D-24, Atlanta, GA 30333, ATTN: PRA (0920-0740). No envíe el formulario lleno a esta dirección.

DEPARTAMENTO DE SALUD Y SERVICIOS HUMANOS
Servicio de Salud Pública
Centros para el Control y la Prevención de Enfermedac
Atlanta, GA 30333

CUESTIONARIO MMP DEL 2014

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Notas generales para el programador de QDS

Additional programming notes are located throughout the questionnaire:

1) Use version 2.6.1 of QDS.
2) Every question requires a response to move forward in the application unless otherwise noted.
3) Use the following values: .D = 8, .R = 7, NA = 6.
4) For all "other–specify" variables in "check all that apply" questions, use the "other" variable name (which should end in "O") and add an "S" on the end. If the variable name becomes too long, then drop the letter immediately preceding the consecutive letter at the end of the **main part** of the variable name. For example, if the "other" variable is named *"KINDG_9O"(where KIND is the stem variable name and G denotes the lettered response option)* the "specify" variable should be named *"KING_9OS"*
5) QDS programming notes are not included in the application; they are merely there to help with coding.
6) Interviewer instructions and inconsistency checks are notes for the interviewers, but may also include coding instructions.
7) The QDS codebook should have a brief description of the variable. This includes all calculated variables.
8) Calculate questionnaire version number using variable name **VERSION**. This must be updated every time a change is made in the application.
9) Calculate QDS version number using variable name **QDSVERN3**. This variable describes the QDS version used to create the QAD file. For 2014 cycle the value is 2.6.1.
10) Calculate data collection cycle using variable name **CYCYR**. CYCYR = 2014.
11) For all date variables also create an automatic variable that is a copy of the date variable. For example, if the variable for date was called DATE, then the automatic variable would look like: a. variable name: TXFORM, b. type of date: String Expression, c. numeric calculation/string expression: DATE
12) Label module sections in the codebook. Use the Table of Contents for guidance.
13) PDP start date is January 1, 2014.
14) PDP end date is April 30, 2014.
15) Calculate the time to conduct an interview from D1 to C20 (i.e., exclude Preliminary Information and Interview Completion sections.
16) Calculate time to conduct each module.
17) Do not include the Response cards and calendars in the QDS program.
18) Distinguish between English and Spanish versions of the questionnaires.
19) The maximum size of text values is 100 except for E5 which is 200.

Información preliminar (I)

Instrucciones para el entrevistador: Escriba la información preliminar antes de la entrevista.

Número de identificación del participante *[PARID]*:

I1a. ***Número de identificación del lugar*** *[SITEID]* ___ ___ ___ ___

I1b. ***Número de identificación del establecimiento*** *[FACILID]* ___ ___ ___ ___

I1c. ***Número de identificación del entrevistado*** *[INDID]* ___ ___ ___ ___

QDS programming note:
Site ID, Facility ID, and Respondent ID all must be 4 digits with leading 0s. ***[PARID]*** is a 12 digit calculated variable based on ***[SITEID]*** + ***[FACILID]*** + ***[INDID]***
Range 1–9999

I1d. ***El número de identificación del participante es*** __ __ __ __ __/__ __ __ __/__ __ __ __. ***¿Correcto?*** *[IDCONFN3]*

No ..... ☐ 0 ⟹ *Devuélvase a I1a*

Sí ..... ☐ 1

QDS programming note: Enter PARID for question. If I1d is "No," loop back to I1a.
Display for interviewer should include dashes after every 4th number for legibility (e.g., "El número de identificación del participante es 1111-2222-3333. ¿Correcto?" DO NOT create a new variable reflecting PARID. Display when I1d is NO should read: "Entrevistador: vuelva a ingresar el número de identificación del participante."

I2. ***Número de identificación del entrevistador:*** ___ ___ ___ *[INTID]*

QDS programming note for I2: Range 1–999

I3. ***Número de identificación del aparato de computación:*** ___ ___ ___ *[DEVICEID]*

QDS programming note for I3: Range 1–999

I4. ***Fecha de la entrevista:*** __ __/ __ __/ __ __ __ __
(M M / D D / A A A A)
[IDATE]

QDS programming note for I4: Automatically calculate in QDS.

I5. ***¿Esta es una entrevista por teléfono o en persona?*** *[TI_F2F]*

Entrevista por teléfono ..... ☐ 1

Entrevista en persona ..... ☐ 2

I6. ***¿La entrevista se hizo originalmente en papel?*** *[MODEADM]*

No ..... ☐ 0
Sí ..... ☐ 1

Información demográfica (D)

DIGA: "Quiero agradecerle su participación en esta entrevista. Recuerde que toda la información que me dé será confidencial y su nombre no aparecerá en ninguna parte de este formulario. Aunque algunas respuestas puedan parecerle obvias, aun así, necesito hacerle todas las preguntas".

Instrucciones para el entrevistador: Si I5 [TI_F2F] es "entrevista por teléfono", pase al siguiente cuadro Diga; de lo contrario, salte a D1.

DIGA: "Usted ha decidido completar esta entrevista por teléfono. Antes de comenzar me gustaría recordarle que hay una serie de tarjetas de respuestas que le voy a pedir que use durante la entrevista. Va a necesitar estas tarjetas con algunas de las preguntas que le voy a hacer durante la entrevista. La serie de tarjetas contiene un calendario, algunas fotos y texto que le ayudarán a contestar las opciones de respuesta de algunas preguntas. Cada tarjeta está etiquetada. Por favor mantenga la serie de tarjetas de respuestas cerca para que las pueda usar si las necesita. Le diré cuáles preguntas necesitan las tarjetas y la etiqueta que corresponde a la tarjeta que necesita".

D1. ¿**Alguna vez** ha participado en una entrevista MMP? ***[PARTCPT]***

No ..... ☐ 0 ⟹ ***Salte a D2***
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7 ⟹ ***Salte al cuadro Diga antes de D2***
No sabe ..... ☐ 8 ⟹ ***Salte a D2***

D1a. ¿En qué mes y año participó en la entrevista MMP? ***[PARTIC]***

__ __ / __ __ __ __
(M M A A A A)

[Mes: 77 = Se negó a contestar, 88= No sabe;
Año: 7777 = Se negó a contestar, 8888 = No sabe]

Instrucciones para el entrevistador: Si el entrevistado no sabe el mes, codifique esta fecha como No sabe.

Control de discrepancias: D1a (fecha cuando el entrevistado participó en MMP) no puede ser antes de enero del 2005 ni después de I4 (fecha de la entrevista).

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

QDS programming note for D1a: This requires a full response for month and year.

D1b. ¿En qué ciudad se le hizo la entrevista?

_____ (Ciudad) ***[CITY_9]***

[7 = Se negó a contestar, 8 = No sabe]

D1c. ¿En qué estado se le hizo la entrevista?

_____ (Estado) ***[STATE_9]***

[7 = Se negó a contestar, 8 = No sabe]

Instrucciones para el entrevistador: Si D1a [PARTIC] tiene lugar durante el ciclo de recolección de datos del 2014, o "Se negó a contestar", pase al cuadro Diga antes de D2; de lo contrario, salte a D2.

QDS programming note for Interviewer instructions after D1c: parameters for the 2014 data collection cycle are May 1, 2014 to I4 (interview date).

DIGA: "Estamos entrevistando solamente a personas que no han sido entrevistadas durante el **2014** (2015). Muchas gracias por su tiempo". ***[INTERRUMPA LA ENTREVISTA Y SALTE HASTA EL FINAL DE LA ENTREVISTA].***

QDS programming note for Say box after D1c: use 2014 if the year in I4 (date of interview) is 2014. Use 2015 if the year in I4 (date of interview) is 2015.

D2. Por favor dígame el mes y año de la fecha de su nacimiento ***[DOB_13]***

__ __/__ __ __ __
(M M / A A A A)

[Mes: 77 = Se negó a contestar, 88= No sabe;
Año: 7777 = Se negó a contestar, 8888 = No sabe]

Instrucciones para el entrevistador: Si D2 [Fecha de nacimiento_13] es menos de 18 años antes del 1 de enero del 2014, salte al cuadro Diga antes de D3. Si D2 es "Se negó a contestar" o "No sabe", o si D2 es 18 años y 0 a 11 meses antes del 1 de enero del 2014, pase a D2a; de lo contrario, salte a D3.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Control de discrepancias*: D2 *[DOB_13] no puede ser antes del 1 de enero de 1900 ni después de I4 (fecha de la entrevista).

QDS programming note for D2: This requires a full response for month and year. Use the 1st of the month to calculate age.

D2a. ¿Tenía por lo menos 18 años de edad el 1 de enero del 2014? ***[AGE_VER1]***

No ..... ☐ 0 ⟹ ***Salte al cuadro Diga***

Sí ..... ☐ 1 ⟹ ***Salte a D3***

..... Se negó a

No sabe ..... ☐ 8

Salte al cuadro Diga antes de D3.

DIGA: "Estamos entrevistando solamente a personas que tenían 18 años de edad en adelante el 1 de enero del 2014. Muchas gracias por su tiempo". ***[INTERRUMPA LA ENTREVISTA Y SALTE HASTA EL FINAL DE LA ENTREVISTA].***

D3. ¿Cuál es el nivel más alto de estudios que ha alcanzado? ***[NO LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[EDUC]***

Nunca asistió a la escuela ..... ☐ 1

De 1.º a 8.º grado ..... ☐ 2

De 9.º a 11.º grado ..... ☐ 3

12.° grado o GED (examen de equivalencia de la escuela superior) ☐ 4

Algunos años de universidad, título universitario de dos años o diploma técnico ☐ 5

Título universitario ..... ☐ 6

Algún estudio de posgrado ..... ☐ 7

Se negó a contestar ..... ☐ 77

No sabe ..... ☐ 88

D4. ¿Se considera usted de origen hispano, latino o español? ***[HISPA_13]***

No ..... ☐ 0 ⟹ ***Salte a D5***

Sí ..... ☐ 1

..... Se negó a contestar ☐ 7

No sabe ..... ☐ 8

Salte a D5

D4a. ¿Cuáles de las siguientes categorías describen su origen hispano, latino o español? Puede seleccionar más de una respuesta. ***[LEA LAS OPCIONES. MARQUE TODAS LAS QUE CORRESPONDAN].*** ***[HISN3]***

Mexicano, mexicoamericano o chicano ..... ☐ 1 ***[HISN3A]***

Puertorriqueño ..... ☐ 2 ***[HISN3B]***

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Cubano ..... ☐ 3 *[HISN3C]*
Otro origen hispano, latino o español ..... ☐ 4 *[HISN3D]*
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

D5. ¿A qué grupo o grupos raciales se considera que pertenece? Puede elegir más de una opción. ***[LEA LAS OPCIONES. MARQUE TODAS LAS QUE CORRESPONDAN].*** *[RACE_9]*
Indoamericano o nativo de Alaska ..... ☐ 1 *[RACE_9A]*
Asiático ..... ☐ 2 *[RACE_9B]*
Negro o afroamericano ..... ☐ 3 *[RACE_9C]*
Nativos de Hawái o de otras islas del Pacífico ..... ☐ 4 *[RACE_9D]*
Blanco ..... ☐ 5 *[RACE_9E]*
Se negó a contestar ..... ☐ 77
No sabe ..... ☐ 88

D6. ¿En qué país o territorio nació? ***[NO LEA LAS OPCIONES. MARQUE SOLO UNA].*** *[CO_BORN]*
Estados Unidos ..... ☐ 1
Puerto Rico ..... ☐ 2
México ..... ☐ 3
Salte a D7
Cuba ..... ☐ 4
Otro ***(Especifique: _____)*** ..... ☐ 5 *[OTCTRY]*
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8
Salte a D7

D6a. ¿Cuántos años ha vivido en los Estados Unidos? *[US_YRS]*

_ _ _ años [*Años*: ***777 = Se negó a contestar; 888 = No sabe***]

Instrucciones para el entrevistador: Si años que lleva viviendo en los EE. UU. es menos de 1 año, ingrese "0".

Control de discrepancias*: *D6a [US_YRS] debe ser ≤ que la edad del entrevistado en la fecha de la entrevista. Rango 0 a 110.

D7. ¿Habla bien el inglés? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** *[LANWL1N3]*
Muy bien ..... ☐ 1
Bien ..... ☐ 2
Mal ..... ☐ 3

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Nada ..... ☐ 4
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

D8. ¿Habla otro idioma que no sea inglés en casa? ***[LANWL2N3]***

No ..... ☐ 0 → *Salte a D9*
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Salte a D9

D8a. ¿Cuál es este idioma? ***[NO LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[LANWL3N3]***

Español ..... ☐ 1
Francés ..... ☐ 2
Chino ..... ☐ 3
Alemán ..... ☐ 4
Tagalo ..... ☐ 5
Vietnamita ..... ☐ 6
Italiano ..... ☐ 7
Coreano ..... ☐ 8
Ruso ..... ☐ 9
Polaco ..... ☐ 10
Otro ***(Especifique: _____)*** ..... ☐ 11 ***[LANN3_OS]***
Se negó a contestar ..... ☐ 77
No sabe ..... ☐ 88

D9. ¿Cuál era su sexo al nacer? ***[LEA LAS OPCIONES, A EXCEPCIÓN DE "Intersexo/ambiguo". MARQUE SOLO UNA].*** ***[BIRTGEN]***

Masculino ..... ☐ 1
Femenino ..... ☐ 2
Intersexo/ambiguo ..... ☐ 3
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

D10. ¿Se considera de sexo masculino, femenino o transgénero? ***[MARQUE SOLO UNA].*** ***[GENDER]***

Masculino ..... ☐ 1
Femenino ..... ☐ 2
Transgénero ..... ☐ 3
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

D11. ¿Cómo se identifica usted? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** *[SEXORI8]*

Homosexual, gay o lesbiana..... ☐ 1
Heterosexual (también conocido como "straight" en inglés) ☐ 2
Bisexual ..... ☐ 3
Se negó a contestar..... ☐ 7
No sabe ..... ☐ 8

DIGA: "Ahora le voy a hacer algunas preguntas sobre los **últimos 12 meses**. Vamos a usar el calendario para referirnos a los pasados 12 meses. Es decir, desde el año pasado (***FECHA DEL AÑO PASADO***) hasta ahora (***FECHA DE LA ENTREVISTA***)".

QDS programming note for Say box before D12: The QDS program should enter the appropriate dates. EXAMPLE: If IDATE is 11/11/2014 then the program should read "Es decir, desde el año pasado, 11/11/2013 hasta ahora 11/11/2014."

D12.	En los **últimos 12 meses**, usted	**No** (0)	**Sí** (1)	Se negó a contestar (7)	No sabe (8)
D12a.	¿Ha vivido en la calle? ***[HOMEL_9A]***	☐ 0	☐ 1	☐ 7	☐ 8
D12b.	¿Ha vivido en un refugio? ***[HOMEL_9B]***	☐ 0	☐ 1	☐ 7	☐ 8
D12c.	¿Ha vivido en una habitación indidivual de hotel o Single Room Occupancy Hotel – SRO (como se conoce en inglés)? ***[HOMEL_9C]***	☐ 0	☐ 1	☐ 7	☐ 8
D12d.	¿Ha vivido en un automóvil? ***[HOMEL_9D]***	☐ 0	☐ 1	☐ 7	☐ 8

D13. En los **últimos 12 meses**, ¿ha sido arrestado y encarcelado, detenido o enviado a prisión durante más de 24 horas? ***[JAIL]***

No..... ☐ 0
Sí..... ☐ 1
Se negó a contestar..... ☐ 7
No sabe ..... ☐ 8

D14. En los **últimos 12 meses**, ¿ha tenido algún tipo de seguro médico o cobertura de salud? Esto incluye Medicaid y Medicare. ***[HTHINS_9]***

No..... ☐ 0 ⟹ ***Salte al cuadro Diga antes de***

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Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Salte al cuadro Diga antes de D17

D15. En los **últimos 12 meses**, ¿cuáles han sido todos los tipos de seguro médico o cobertura de salud que ha tenido? Por favor, hábleme de cada una de estas clases de seguro.

		No (0)	**Sí** (1)	Se negó a contestar (7)	No sabe (8)
D15a.	Seguro de salud privado *[KINDA_3]*	☐	☐	☐	☐
D15b.	Medicaid *[KINDB_3]*	☐	☐	☐	☐
D15c.	Medicare *[KINDC_3]*	☐	☐	☐	☐
D15d.	Ryan White *[KINDD_3]*	☐	☐	☐	☐
D15e.	ADAP *[KINDE_3]*	☐	☐	☐	☐
D15f.	Tricare o CHAMPUS *[KINDF_3]*	☐	☐	☐	☐
D15g.	Cobertura de la Administración de Veteranos *[KINDG_3]*	☐	☐	☐	☐
D15h.	Ciudad, condado, estado u otro seguro financiado públicamente *[KINDH_N3]*	☐	☐	☐	☐
D15i.	Otro seguro *[KINDI_3]* ***(Especifique:_____)*** *[KII_3OS]*	☐	☐	☐	☐

Control de discrepancias: Si D14 es "sí", por lo menos una entre D15a-D15i debe ser "sí".

QDS programming note for D15 series: If D14 is "sí" and none of D15a-D15i is "sí," display note to interviewer: "Entrevistador: El entrevistado informó que tenía seguro o cobertura de salud en los 12 meses anteriores, pero no respondió "sí" a ningún tipo. Confirme la respuesta a D14 y repita D15a-D15i si D14 sigue siendo "sí".

D16. En los **últimos 12 meses**, ¿estuvo en algún momento sin ningún tipo de seguro médico o cobertura de salud? *[INS12_9]*

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

DIGA: "Para la siguiente pregunta, por favor escoja la respuesta que mejor describa su estado actual DESPUÉS de que yo haya leído todas las opciones".

D17. Actualmente, ¿usted es...? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[WORK_N3]***

Empleado asalariado ..... ☐ 1
Trabajador independiente ..... ☐ 2
Desempleado por más de 1 año ..... ☐ 3
Desempleado por menos de 1 año ..... ☐ 4
Encargado de las tareas del hogar ..... ☐ 5
Estudiante ..... ☐ 6
Jubilado ..... ☐ 7
O no puede trabajar ..... ☐ 8
Se negó a responder ..... ☐ 77

D18. En los **últimos 12 meses**, ¿cuál fue su principal fuente de ingresos o ayuda económica? ***[NO LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[SRC_IN_9]***

Salario o sueldo ..... ☐ 1
Ahorros o inversiones ..... ☐ 2
Pensión o fondo de jubilación ..... ☐ 3

Seguridad de ingreso suplementario (SSI) o Seguro Social
Seguro de discapacidad (SSDI) ..... ☐ 4
Otro tipo de asistencia pública (p. ej., "welfare" o programa de ayuda gubernamental)
..... ☐ 5
Familiares, pareja o amigos(s) ..... ☐ 6
Actividades ilegales o posiblemente ilegales ..... ☐ 7
No tuvo ingresos ni apoyo financiero ..... ☐ 8 ⟹ ***Salte al cuadro Diga antes***
Otro ***(Especifique:_____)*** ☐ 9 ***[SOIN_9OS]***
Se negó a contestar ..... ☐ 77
No sabe ..... ☐ 88

Programming note for Say box before D19 and D19a and D19b: use the calendar year prior to interview year. EXAMPLE: If interview date is 12–01–14, ask about 2013.

DIGA: "Ahora me gustaría hacerle algunas preguntas referentes al **(2013)** (2014). Es decir, entre el 1 de enero del 2013 (2014) y el 31 de diciembre del 2013 (2014). Para la siguiente pregunta, usaremos la **Tarjeta de respuesta A** y el **calendario**".

D19. En el **2013** (2014)**,** ¿cuál fue su total de ingresos familiares **mensuales** o **anuales** de todas las fuentes sin descontar los impuestos? Por "total de ingresos familiares", me

refiero al monto total de dinero de todas las personas que viven en su hogar. ***[NO LEA LAS OPCIONES. MARQUE SOLO UNA].***

DIGA: "Por favor, mire la **Tarjeta de respuesta A** y dígame cuál es la letra que mejor refleja su ingreso mensual o anual sin descontar impuestos".

D19a. ***Pregunta para el entrevistador***: ¿El entrevistado reportó el ingreso como mensual? [***MENSUAL***]

Sí.....☐1

No.....☐ 2

Ingreso mensual *[MTH_IN_3]*

a. $0 a $416
b. $417 a $833
c. $834 a $1041
d. $1042 a $1249
e. $1250 to $1666
f. $1667 a $2083
g. $2084 a $2499
h. $2500 a $2916
i. $2917 a $3333
j. $3334 a $4166
k. $4167 a $4999
l. $5000 a $6249
m. $6250 o más
77 Se negó a contestar
88 No sabe

Ingreso anual *[YR_IN_3]*

n. $0 a $4,999
o. $5,000 a $9,999
p. $10,000 a $12,499
q. $12,500 a $14,999
r. $15,000 a $19,999
s. $20,000 a $24,999
t. $25,000 a $29,999
u. $30,000 a $34,999
v. $35,000 a $39,999
w. $40,000 a $49,999
x. $50,000 a $59,999
y. $60,000 a $74,999
z. $75,000 o más
77 Se negó a contestar
88 No sabe

D19a. Incluido usted, ¿cuántas personas dependían de este ingreso en el **2013** (2014)? ***[DEPND_IN]***

___ ___ *[77 = Se negó a contestar, 88 = No sabe]*

Control de discrepancias: D19a debe ser ≥ 1 y < 50.

Instrucciones para el entrevistador: Si D19a es >1, pase a D19b; de lo contrario, salte al cuadro Diga antes de A1.

D19b. De las personas que dependían de este ingreso en el **2013** (2014), ¿cuántas tenían menos de 18 años de edad? ***[DEPND_N3]***

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___ ___ *[77 = Se negó a contestar, 88 = No sabe]*

Control de discrepancias: D19b debe ser < D19a (a menos que se salte D19b).

QDS programming note for inconsistency check after D19b: If D19b >= D19a, display note to interviewer: "El número de personas menores de 18 años que dependían de sus ingresos en el 2013 (2014) debe ser menor que el número total de personas que dependían de su ingreso en el 2013 (2014)." Do not allow the program to advance.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Acceso a servicios de salud (A)

Pruebas de detección del VIH y experiencias sobre el cuidado médico

DIGA: "Ahora le voy a hacer algunas preguntas sobre la prueba del VIH".

A1. ¿En qué mes y año resultó usted positivo al VIH por **primera vez**? Dígame cuándo recibió el resultado, no cuándo se hizo la prueba. ***[POS1S_9]***

__ __/__ __ __ __
(M M / A A A A)

[Mes: 77 = Se negó a contestar, 88= No sabe;
Año: 7777 = Se negó a contestar, 8888 = No sabe]

***Control de discrepancias**: A1 (la fecha de la primera prueba positiva del VIH) no puede ser antes de D2 [fecha de nacimiento del entrevistado_13]. Si A1 es antes de marzo de 1985 o después del 30 de abril del 2014, la fecha final del PDP, confirme la respuesta.*

QDS programming note for inconsistency check after A1: If A1 is earlier than D2 [DOB_13], display message: "La fecha de la primera prueba positiva del VIH no puede ser antes de la fecha de nacimiento del entrevistado. Por favor, vuelva a ingresar la fecha." Then, loop back to A1. If A1 is earlier than 03/1985, display note to the interviewer: "La fecha ingresada es antes de 03/1985 (fecha de la primera prueba del VIH aprobada por la FDA). Confirme la fecha de la prueba del VIH. Regrese a la pregunta anterior para confirmar la fecha." Program should move forward regardless of date. Allow a blank response for month. If A1 is later than April 30, 2014, display note to interviewers: "La fecha ingresada es después de 04/30/2014 (fecha final del PDP). Regrese a la pregunta anterior para confirmar la fecha de la prueba del VIH." The program will then go to the Say box before A2.

Instrucciones para el entrevistador: Si A1 (fecha de la primera prueba positiva del VIH) es después del 30 de abril del 2014, pase al cuadro Diga antes de A2. Si A1 es "Se negó a contestar" o "No sabe", salte a A7. Si A1 (fecha de la primera prueba positiva del VIH) es 12 meses o antes de I4 (fecha de la entrevista), pase a A2; de lo contrario, salte a las instrucciones antes de A3.

DIGA: "Estamos entrevistando solamente a las personas que salieron positivas en la prueba del VIH antes del **30 de abril del 2014**. Muchas gracias por su tiempo". ***[INTERRUMPA LA ENTREVISTA Y SALTE HASTA EL FINAL DE LA ENTREVISTA].***

A2. Antes de su prueba positiva en __ __ /__ __ __ __ ***[INSERTE LA FECHA DE A1]***, ¿alguna vez se había hecho una prueba del VIH con un resultado negativo? ***[HIVBEF_***

Salte a las instrucciones para el

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

No ..... ☐ 0 ⟹
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Salte a las instrucciones para el

QDS programming note for A2: Insert date from A1 in question.

A2a. ¿En qué mes y año fue su más reciente prueba negativa del VIH? Dígame cuándo recibió el resultado, no cuándo se hizo la prueba. ***[LASTN_9]***

__ __/__ __ __ __
(M M / A A A A)

[Mes: 77 = Se negó a contestar, 88= No sabe;
Año: 7777 = Se negó a contestar, 8888 = No sabe]

Control de discrepancias**: **A2b (fecha de la prueba negativa del VIH más reciente) no puede ser antes de D2 (fecha de nacimiento del entrevistado) ni después ***de A1 (fecha de la primera prueba positiva del VIH). Si A2b es antes de marzo de 1985, confirme la respuesta.***

QDS programming note for inconsistency check after A2a: If A2a is earlier than 03/1985, display note to interviewer: "La fecha ingresada es antes de 03/1985 (fecha de la primera prueba del VIH aprobada por la FDA). Confirme la fecha de la prueba del VIH." Program should move forward regardless of date. Allow a blank response for month.

Instrucciones para el entrevistador: Si A1 (fecha de la primera prueba positiva del VIH) es menos de 5 años antes del 30 de abril del 2014, pase a A3; de lo contrario, salte a A7.

A3. Cuando usted resultó positivo a la prueba en __ __ /__ __ __ __ ***[INSERTE LA FECHA DE A1]***, ¿en qué tipo de establecimiento se hizo la prueba? ***[NO LEA LAS OPCIONES. MARQUE SOLO UNA]. [TESLOC_9]***

Consultorio médico privado ..... ☐ 1
Clínica de atención primaria o centro de salud comunitario ☐ 2
Departamento de salud ..... ☐ 3
Centro o clínica de maternidad ..... ☐ 4
Centro de ginecología y obstetricia o de planificación familiar ☐ 5
Sala de emergencia ..... ☐ 6
Hospital (**no** en la sección de maternidad ni en la sala de emergencias) ☐ 7
Sitio donde dan consejería y se hacen pruebas del VIH ..... ☐ 8
Clínica de ETS ..... ☐ 9
Clínica de VIH/sida o enfermedades infecciosas ..... ☐ 10

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Unidad móvil de pruebas ..... ☐ 11
Centro correccional ..... ☐ 12
Establecimiento de donación de sangre ..... ☐ 13
Centro de tratamiento para el abuso de sustancias ..... ☐ 14
Clínica de la compañía de seguros o clínica para empleados ☐ 15
Establecimiento militar o del Servicio de Veteranos ..... ☐ 16
Otro ***(Especifique:_____)***... ☐ 17 ***[TESL9_OS]***
Se negó a contestar ..... ☐ 77
No sabe ..... ☐ 88

Control de discrepancias*: *Confirme la respuesta si A3 (lugar donde se hizo la prueba) es "Centro o clínica de maternidad" o "Centro de ginecología y obstetricia o de planificación familiar" y [BIRTGEN] es "masculino".

QDS programming note for A3: Insert date in question. If A3 is "Centro o clínica de maternidad" or "Centro de ginecología y obstetricia o de planificación familiar" and ***[BIRTGEN]*** is "masculino," display the following message: "El entrevistado dijo que le hicieron la prueba por primera vez en un centro o clínica de maternidad, o en un centro de ginecología y obstetricia o de planificación familiar. Confirme la respuesta." Allow the program to advance.

A4. Cuando resultó positivo a la prueba en __ __ /__ __ __ __ ***[INSERTE LA FECHA DE A1]***, ¿cuál fue la razón principal por la cual se le hizo la prueba? ***[NO LEA LAS OPCIONES. MARQUE SOLO UNA]. [MRTEST_9]***

Preocupación por la exposición a través del contacto sexual ☐ 1
Preocupación por la exposición a través de drogas inyectables ☐ 2
Parte de las pruebas de detección de enfermedades de transmisión sexual o debido a un diagnóstico de una enfermedad de transmisión sexual ..... ☐ 3
Debido a otras enfermedades (no de transmisión sexual) .... ☐ 4
Debido a un embarazo ..... ☐ 5
Iniciativa personal de hacerse una prueba de rutina ..... ☐ 6
Recomendación de un proveedor como parte del cuidado médico de rutina ☐ 7
Notificación a la pareja por parte del departamento de salud (PCRS) ☐ 8
Antes de la donación de sangre ..... ☐ 9
Cuidado de seguimiento después de un pinchazo con una aguja o exposición ocupacional ..... ☐ 10
Requisito (militar, orden de un tribunal o del seguro). ..... ☐ 11
Otro ***(Especifique:_____)*** ☐ 12 ***[MRTE_9OS]***
Se negó a contestar ..... ☐ 77
No sabe ..... ☐ 88

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

QDS programming note for A4: Insert date from A1 in question.

Control de discrepancias*: *A4 (la razón principal por la cual se hizo la prueba) no puede ser "debido a un embarazo" si [BIRTGEN] is "masculino".

QDS programming note for inconsistency check after A4: If *[BIRTGEN]* is "masculino" and response to A4 is "debido a embarazo," display note to interviewer: "La principal razón para hacerse la prueba no puede ser debido a un embarazo si el entrevistado nació con sexo masculino." Do not allow the program to advance.

A5. **Después** de su resultado positivo en __ __/__ __ __ __ ***[INSERTE LA FECHA DE A1]***, ¿alguna persona del departamento de salud o un profesional de la salud se ofreció a decirle o ayudar a decirle a su pareja o parejas sexuales, o con quienes usa drogas, que ellos pueden haber estado expuestos al VIH? ***[PARTNO_9]***

No ..... ☐ 0 → *Salte al cuadro Diga antes de A6*
Sí ..... ☐ 1
No aplica ..... ☐ 6
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Salte al cuadro Diga antes de A6

DIGA: "Para la siguiente pregunta, por favor use la **Tarjeta de respuesta B**".

A5a. ¿Cuál fue su respuesta cuando alguien del departamento de salud o un profesional de la salud se ofreció a decirle o ayudar a decirle a su pareja o parejas sexuales, o con quienes usa drogas, que usted salió positivo en la prueba? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[RESNOT_9]***

Les pedí que no le dijeran a ninguna de mis parejas ..... ☐ 1
Les pedí que le dijeran solamente a algunas de mis parejas. ☐ 2 → ***Salte a A5c***
Les pedí que le dijeran a todas mis parejas ..... ☐ 3
Les dije que no tenía ninguna pareja ..... ☐ 4
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Salte al cuadro Diga antes de A6

A5b. ¿Cuál fue la razón principal por la cual le pidió a alguien del departamento de salud o un profesional de la salud que no le dijera a ninguna de sus parejas? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[NOPAR_10]***

No sabía dónde contactar a las parejas ..... ☐ 1
Tenía miedo de lo que sus parejas pudieran hacer ..... ☐ 2

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

No confiaba en el departamento de salud ni un proveedor de atención médica para que le dijera a sus parejas..... ☐ 3

Tenía miedo de que sus parejas se dieran cuenta de quién pudo haberlos infectado ..... ☐ 4

Quería decirle personalmente a sus parejas ..... ☐ 5

Las parejas son VIH positivas ..... ☐ 6

Otro ***(Especifique:_____ _____)*** ☐ 8 ***[NOP_10OS]***

Se negó a contestar..... ☐ 77

No sabe ..... ☐ 88

Instrucciones para el entrevistador: Salte al cuadro Diga antes de A6.

A5c. ¿Cuál fue la razón principal por la cual le pidió a alguien del departamento de salud o un proveedor de atención médica que le dijeran solamente a algunas de sus parejas? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[NOSOM_10]***

No sabía dónde contactar a las parejas..... ☐ 1

Tenía miedo de lo que sus parejas pudieran hacer..... ☐ 2

No confiaba en el departamento de salud o en el proveedor para que le dijera a algunas parejas ..... ☐ 3

Tenía miedo de que algunas parejas se dieran cuenta de quién pudo haberlos infectado..... ☐ 4

Quería decirles personalmente a algunas parejas..... ☐ 5

Algunas parejas son VIH positivas ..... ☐ 6

Otro ***(Especifique:_____)*** ☐ 8 ***[NOS_10OS]***

Se negó a contestar..... ☐ 77

No sabe ..... ☐ 88

DIGA: "Ahora le voy a hacer algunas preguntas sobre la atención médica para el VIH. Cuando digo 'atención médica para el VIH', hago referencia a los exámenes físicos, a los medicamentos recetados para el VIH o a las pruebas de laboratorio como la carga viral del VIH y los CD4".

A6. Desde que usted resultó positivo a la prueba del VIH, ¿en qué mes y año visitó por **primera vez** a un médico, una enfermera o a otro profesional de la salud en busca de atención médica para el VIH? ***[CARE_9]***

__ __/__ __ __ __
(M M / A A A A)

[Mes: 77 = Se negó a contestar, 88= No sabe;
Año: 7777 = Se negó a contestar, 8888 = No sabe]

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Control de discrepancias*: *Confirme la respuesta si A6 (fecha de la primera visita a un proveedor para recibir atención médica para el VIH) es antes de A1 (fecha de la primera prueba positiva del VIH) o antes de [DOB_13] (fecha de nacimiento), o después del 30 de abril del 2014, la fecha final del PDP.

QDS programming note for inconsistency check after A6: If A6 is earlier than A1, display note to interviewer: "La fecha ingresada es antes de la fecha de la primera prueba positiva del VIH. Regrese a la pregunta anterior para confirmar la fecha." Allow the program to advance. If A6 is later than 04/30/2014, display a note to the interviewer: "La fecha ingresada es después del 30 de abril del 2014 (fecha final del PDP). Regrese a la pregunta anterior y confirme la fecha." Allow the program to advance. Allow a blank response for month. If A6 date earlier than respondent's ***[DOB_13] (date of birth)*** display a note to the interviewer: "La fecha ingresada es antes de la fecha de nacimiento del entrevistado. Regrese a la pregunta anterior para confirmar la fecha."

Instrucciones para el entrevistador: Si A6 (fecha de la primera visita a un profesional de la salud para recibir atención médica para el VIH) es > 3 meses después de A1 (fecha de la primera prueba positiva del VIH), pase a A6a; de lo contrario, salte a A7. Si A6 es "Se negó a contestar" o "No sabe", salte a A7.

A6a. ¿Cuál fue la razón principal por la cual usted no vio a un médico, una enfermera ni a otro profesional de la salud para recibir atención médica para el VIH **en los 3 meses** después de haber tenido su prueba positiva del VIH? ***[NO LEA LAS OPCIONES. MARQUE SOLO UNA].*** *[MRNOCA_9]*

Se sintió bien ..... ☐ 1
El número de CD4 inicial y la carga viral eran buenos ..... ☐ 2
No creía en los resultados de la prueba 3
No quería pensar que era VIH positivo ..... ☐ 4
No tenía suficiente dinero ni seguro médico ..... ☐ 5
Tenía otras responsabilidades como el cuidado de los niños y el trabajo ☐ 6
No tenía hogar (indigente) ..... ☐ 7
Estaba consumiendo alcohol o drogas ..... ☐ 8
Se sentía mal ..... ☐ 9
Se olvidó de ir ..... ☐ 10
Faltó a las citas ..... ☐ 11
Se mudó o estaba en otra ciudad ..... ☐ 12
No pudo conseguir transporte ..... ☐ 13
El establecimiento era poco conveniente (ubicación, horas de atención, tiempo de espera) ..... ☐ 14
No sabía a dónde ir ..... ☐ 15

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

No pudo encontrar a un proveedor adecuado que le brindara cuidados relacionados con el VIH ..... ☐ 16
No pudo conseguir una cita más pronto ..... ☐ 17
No sabía que se recomendaba recibir atención dentro de un periodo de 3 meses ☐ 18
Otro ***(Especifique:***_____) . ☐ 19 ***[MRNO_9OS]***
Se negó a contestar..... ☐ 77
No sabe ..... ☐ 88

A7. ¿Cuándo fue su visita **más reciente** a un médico, enfermera o a otro profesional de la salud para recibir atención médica para el VIH? Por favor dígame el mes y el año. ***[LASCA_9]***

__ __/__ __ __ __
(M M / A A A A)

[Mes: 77 = Se negó a contestar, 88= No sabe;
Año: 7777 = Se negó a contestar, 8888 = No sabe]

QDS programming note for A7: Allow a blank response for month.

Control de discrepancias: A7 (fecha de la visita más reciente a un profesional de la salud para recibir atención médica para el VIH) no puede ser antes de A6 (fecha de la primera visita a un profesional de la salud para recibir atención médica para el VIH), antes de D2 (fecha de nacimiento) ni después de I4 (fecha de la entrevista).

QDS programming note for inconsistency check after A7: If A7 is earlier than D2, display note to interviewer: "La fecha de la visita más reciente a un profesional de la salud para recibir atención médica para el VIH no puede ser antes de la fecha de nacimiento del entrevistado. Por favor, vuelva a ingresar la fecha." Vuelva a NS-3a

Instrucciones para el entrevistador: Si A7 (fecha de la visita más reciente a un profesional de la salud para recibir atención médica para el VIH) es > 6 meses antes de I4 (fecha de la entrevista), pase a A7a; de lo contrario, salte al cuadro Diga antes de A8. Si A7 es "Se negó a contestar" o "No sabe", salte al cuadro Diga antes de A8.

DIGA: "Para la siguiente pregunta usaremos el calendario para referirnos a los 6 meses pasados".

A7a. ¿Cuál fue la razón principal por la cual usted no vio a un médico, una enfermera ni a otro profesional de la salud para recibir atención médica para el VIH en los **últimos 6 meses**? ***[NO LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[MRNOC_10]***

Se sintió bien..... ☐ 1

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

El número de CD4 inicial y la carga viral eran buenos ..... ☐ 2
No creía en los resultados de la prueba ..... ☐ 3
No quería pensar que era VIH positivo ..... ☐ 4
No tenía suficiente dinero ni seguro médico ..... ☐ 5
Tenía otras responsabilidades como el cuidado de los niños y el trabajo ☐ 6
No tenía hogar (indigente) ..... ☐ 7
Estaba consumiendo alcohol o drogas ..... ☐ 8
Se sentía mal ..... ☐ 9
Se olvidó de ir ..... ☐ 10
Faltó a las citas ..... ☐ 11
Se mudó o estaba en otra ciudad ..... ☐ 12
No pudo conseguir transporte ..... ☐ 13
El establecimiento era poco conveniente (ubicación, horas de atención, tiempo de espera) ..... ☐ 14
No sabía a dónde ir ..... ☐ 15
No pudo encontrar a un proveedor adecuado que le brindara cuidados relacionados con el VIH ..... ☐ 16
No pudo conseguir una cita más pronto ..... ☐ 17
Otro ***(Especifique:***_____). ☐ 18 ***[MRN_10OS]***
Se negó a contestar ..... ☐ 77
No sabe ..... ☐ 88

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Fuentes de atención médica

DIGA: "Ahora le voy a hacer algunas preguntas sobre los lugares donde usted recibe atención médica ambulatoria para el VIH. Cuando digo atención médica ambulatoria para el VIH me refiero a atención que no sea en la sala de emergencia, un centro de atención de urgencias ni pasando la noche en el hospital. Si no recuerda todo, está bien; dígame lo que recuerde".

A8. En los **últimos 12 meses**, ¿hubo algún lugar habitual, como un consultorio médico o una clínica, donde usted fue a recibir la mayoría de la atención médica para el VIH? ***[PLCARE_9]***

No ..... ☐ 0
Sí ..... ☐ 1 → ***Salte a A9***
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Salte al cuadro Diga antes de A10a

A8a. ¿Cuál fue la razón principal por la cual usted no tenía ningún lugar habitual para recibir atención médica para el VIH en los **últimos 12 meses**? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[UC_RS_10]***

No pudo pagar un lugar habitual para recibir atención médica para el VIH ☐ 1
No sabía dónde encontrar un lugar habitual para recibir atención médica para el VIH ☐ 2
No pudo conseguir citas periódicas en ninguna parte ..... ☐ 3
No había un lugar disponible en el área ..... ☐ 4
No pensó que fuera necesario ..... ☐ 5

Pensó que era necesario, pero nunca trató de buscar un lugar habitual para recibir atención ..... ☐ 6
Otro***(Especifique::_____)*** ☐ 7 ***[UC_R10OS]***
Se negó a contestar ..... ☐ 77
No sabe ..... ☐ 88

Instrucciones para el entrevistador: Salte al cuadro Diga antes de A10a

A9. ¿Tiene usted una persona a quien considera *su* médico especialista en el VIH, enfermera u otro proveedor de atención médica? ***[YRHIVN3]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

DIGA: "Para las próximas 2 preguntas, dígame qué tan de acuerdo o en desacuerdo está con las siguientes frases acerca de su atención médica para el VIH".

A10a. La atención médica para el VIH que ha estado recibiendo es excelente. ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[GESAT1N3]***

Completamente de acuerdo ..... ☐ 1
De acuerdo ..... ☐ 2
No está seguro ..... ☐ 3
En desacuerdo ..... ☐ 4
Completamente en desacuerdo ..... ☐ 5
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

A10b. No está satisfecho con algunas cosas relacionadas con la atención médica para el VIH que recibe. ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[GESAT2N3]***

Completamente de acuerdo ..... ☐ 1
De acuerdo ..... ☐ 2
No está seguro ..... ☐ 3
En desacuerdo ..... ☐ 4
Completamente en desacuerdo ..... ☐ 5
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Instrucciones para el entrevistador: Si [PLCARE_9] (el lugar en donde habitualmente recibe atención) es "No", salte a A14.

A11. ¿Cuál es el nombre del lugar en donde habitualmente recibe atención médica para el VIH?

Instrucciones para el entrevistador: El nombre del lugar en donde habitualmente recibe atención no está registrado en QDS pero se utilizará en preguntas más adelante.

Instrucciones para el entrevistador: El nombre del lugar en donde habitualmente recibe atención no está registrado en QDS pero se utilizará en preguntas más adelante. Por favor responda la siguiente pregunta basándose en el lugar en donde el entrevistado habitualmente recibe atención.

A11a. ***El lugar en donde el entrevistado habitualmente recibe atención es el mismo establecimiento de la muestra?*** ***[USCSFN3]***

No ..... ☐ 0

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Sí.....☐1

A12. En los últimos 12 meses, entre ***[UN AÑO ANTES A LA FECHA DE LA ENTREVISTA (IDATE)]*** y hoy, ¿cuántas veces visitó a su médico especialista en el VIH u otro proveedor de atención médica en ***[NOMBRE DEL ESTABLECIMIENTO EN QUE HABITUALMENTE RECIBE ATENCIÓN MÉDICA]*** por cualquier tipo de atención? ***[TIMCR_13]***

___ ___ ___ *[777 = Se negó a contestar, 888 = No sabe]*

***Control de discrepancias**: El número de visitas en A12 debe ser entre 0 y 365.*

A13. ¿Aproximadamente cuántos minutos le toma por lo general llegar a ***[INSERTE EL NOMBRE DEL ESTABLECIMIENTO EN QUE HABITUALMENTE RECIBE ATENCIÓN MÉDICA]***? ***[MIN_TRVL]***

___ ___ ___ *[777 = Se negó a contestar, 888 = No sabe]*

***Control de discrepancias**: El número de minutos en A13 debe ser entre 0 y 776.*

A14. Entre ***[INSERTE LA FECHA DEL COMIENZO DEL PDP]*** y ***[INSERTE LA FECHA DEL FINAL DEL PDP], en cuántos establecimientos además de [INSERTE EL NOMBRE DEL ESTABLECIMIENTO DE MUESTRA]*** ha recibido atención médica para el VIH? ***[MLTFACN3]***

___ ___ ___ *[777 = Se negó a contestar, 888 = No sabe]*

Instrucciones para el entrevistador: Una clínica distinta en el mismo hospital se consideraría un establecimiento diferente si el marco de muestra es distinto.

***Control de discrepancias**: El número de establecimientos en A14 debe ser entre 0 y 99.*

DIGA: "Ahora le voy a hacer algunas preguntas sobre atención médica general. Cuando digo 'atención médica general', me refiero a cualquier tipo de problema médico diferente del VIH".

A15. En los **últimos 12 meses**, ¿hubo algún lugar habitual, como un consultorio médico o una clínica, donde usted fue a recibir la mayoría de los servicios de atención médica general? ***[OCAREL_9]***

No.....☐0 ⟹ *Salte a A16*

Sí.....☐1

Se negó a contestar.....☐7

Salte a A16

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

No sabe .....☐ 8

A15a. ¿Su lugar habitual de atención médica general era el mismo de su atención médica habitual para el VIH? ***[OCAEQN3]***

No.....☐ 0
Sí.....☐ 1
Se negó a contestar.....☐ 7
No sabe .....☐ 8

A16. En los **últimos 12 meses**, ¿cuántas veces ha ido a la sala de emergencias o ha buscado atención médica en un centro de urgencias para cuidados relacionados con el VIH? ***[ERU_VI_9]***

___ ___ *[77 = Se negó a contestar, 88 = No sabe]*

Control de discrepancias*: *A16 debe ser ≤ 76.

A17. En los **últimos 12 meses**, ¿cuántas veces lo internaron en un hospital para tratarlo por una enfermedad relacionada con el VIH? Por favor no incluya las visitas que solo se hicieron a la sala de emergencias. ***[HOSP]***

___ ___ *[77 = Se negó a contestar, 88 = No sabe]*

Instrucciones para el entrevistador: Si A17 (las veces que fue internado en el hospital) es "0", "Se negó a contestar" o "No sabe", salte a A18.

Control de discrepancias: A17 (las veces que fue internado en el hospital) debe ser ≤ 76.

A17a. En los **últimos 12 meses**, ¿cuántos días en total pasó internado en un hospital debido a una enfermedad relacionada con el VIH? ***[HOSPDAY]***

___ ___ [*77 = Se negó a contestar, 88 = No sabe]*

Control de discrepancias: A17a no puede ser "0" y debe ser ≤ 365.

A18. En los **últimos 12 meses**, ¿estuvo internado en una institución de salud mental? ***[ADMENH_9]***

No.....☐ 0
Sí.....☐ 1

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Se negó a contestar.....☐ 7
No sabe .....☐ 8

A19. En los **últimos 12 meses**, ¿estuvo internado en un centro para el tratamiento del alcoholismo o la
drogadicción? ***[ADDRAL_9]***
No.....☐ 0
Sí.....☐ 1
Se negó a contestar.....☐ 7
No sabe .....☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Necesidades satisfechas y no satisfechas

DIGA**:* "La siguiente serie de preguntas se refiere a los servicios que utilizó o necesitó en los **12 meses pasados**, (es decir, desde el año pasado, [FECHA DEL AÑO ANTERIOR]*** hasta ahora (***FECHA DE LA ENTREVISTA***)." Primero, le preguntaré si ha recibido el servicio, luego le preguntaré si necesitaba este servicio. Si no pudo recibir este servicio, le preguntaré cuál fue la razón principal por la que no puedo recibirlo. Estas preguntas pueden parecer similares pero necesito hacerle todas las preguntas".

QDS programming note for Say box before met and unmet need questions: The QDS program should enter the appropriate dates. EXAMPLE: If IDATE is 11/11/2014 then the program should read "Es decir, desde el año pasado, 11/11/2013 hasta ahora 11/11/2014."

Instrucciones para el entrevistador: Si la respuesta a A20a es "No", "Se negó a contestar" o "No sabe", pase a A20b; de lo contrario, salte a A21a. Si la respuesta a A20b es "Sí", pase a A20c; de lo contrario, salte a A21a. Siga el mismo patrón para A20 a A38.

		En los **últimos 12 meses**, usted ha recibido: ***CÓDIGO:*** ***No = 0,*** ***Sí = 1, Se negó a contestar = 7,*** ***No sabe = 8***	***Si la respuesta es "No", "Se negó a contestar" o "No sabe", EN A20a-A38a, PREGUNTE:*** En los **últimos 12 meses**, usted ha necesitado: ***CÓDIGO:*** ***No = 0,*** ***Sí = 1, Se negó a contestar = 7,*** ***No sabe = 8***	***SI LA RESPUESTA ES "Sí" EN A20b-A38b, PREGUNTE:*** ¿Cuál fue la razón principal por la cual no pudo obtener este servicio en los **últimos 12 meses**? ***CÓDIGO:*** ***CONSULTE LA LISTA DE CÓDIGOS QUE APARECE ABAJO PARA CLASIFICAR LAS RESPUESTAS.*** ***[NO LEA LAS OPCIONES. MARQUE SOLO UNA].***
A20.	Servicios de manejo de su caso de VIH	a. [_____] ***[HIVC12_9]***	b. [_____] ***[HIVCMS_9]***	c. [_____] ***[HIVCRS_9]*** Otro ***(Especifique:_____)*** ***[HIVC_9OS]***
A21.	Consejería sobre cómo prevenir la transmisión del VIH	a. [_____] ***[HIVE12_9]***	b. [_____] ***[HIVEDU_9]***	c. [_____] ***[HIVERS_9]*** Otro (***Especifique:_____***) ***[HIVE_9OS]***

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

	En los **últimos 12 meses**, usted ha recibido: ***CÓDIGO:*** ***No = 0,*** ***Sí = 1, Se negó a contestar = 7,*** ***No sabe = 8***	***Si la respuesta es "No", "Se negó a contestar" o "No sabe", EN A20a-A38a, PREGUNTE:*** En los **últimos 12 meses**, usted ha necesitado: ***CÓDIGO:*** ***No = 0,*** ***Sí = 1, Se negó a contestar = 7,*** ***No sabe = 8***	***SI LA RESPUESTA ES "Sí" EN A20b-A38b, PREGUNTE:*** ¿Cuál fue la razón principal por la cual no pudo obtener este servicio en los **últimos 12 meses**? ***CÓDIGO:*** ***CONSULTE LA LISTA DE CÓDIGOS QUE APARECE ABAJO PARA CLASIFICAR LAS RESPUESTAS.*** ***[NO LEA LAS OPCIONES. MARQUE SOLO UNA].***
Instrucciones para el entrevistador: Si es pertinente, use el nombre del programa estatal correspondiente a ADAP cuando haga la pregunta A22 (medicamentos a través de ADAP).			
A22.	Medicamentos a través del Programa de Asistencia de Medicamentos para el Sida (ADAP, por sus siglas en inglés)	a. [_____] ***[GET_ADAP]***	b. [_____] ***[NED_ADAP]***	c. [_____] ***[RS_ADAP]*** Otro ***(Especifique:_____)*** ***[RS_A_9OS]***
A23.	Asistencia profesional para ayudarle a recordar cuándo tomar los medicamentos contra el VIH o cómo hacerlo en forma correcta	a. [_____] ***[ASS12_9]***	b. [_____] ***[ASS_9]***	c. [_____] ***[ASSRS_9]*** Otro ***(Especifique:_____)*** ***[ASSR_9OS]***
A24.	Apoyo de un grupo de pares con VIH	a. [_____] ***[GET_GRP]***	b. [_____] ***[NED_GRP]***	c. [_____] ***[RS_GRP]*** Otro ***(Especifique:_____)*** ***[RS_G_9OS]***

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

		En los **últimos 12 meses**, usted ha recibido: ***CÓDIGO:*** ***No = 0,*** ***Sí = 1, Se negó a contestar = 7,*** ***No sabe = 8***	***Si la respuesta es "No", "Se negó a contestar" o "No sabe", EN A20a-A38a, PREGUNTE:*** En los **últimos 12 meses**, usted ha necesitado: ***CÓDIGO:*** ***No = 0,*** ***Sí = 1, Se negó a contestar = 7,*** ***No sabe = 8***	***SI LA RESPUESTA ES "Sí" EN A20b-A38b, PREGUNTE:*** ¿Cuál fue la razón principal por la cual no pudo obtener este servicio en los **últimos 12 meses**? ***CÓDIGO:*** ***CONSULTE LA LISTA DE CÓDIGOS QUE APARECE ABAJO PARA CLASIFICAR LAS RESPUESTAS.*** ***[NO LEA LAS OPCIONES. MARQUE SOLO UNA].***
A25.	Cuidados dentales	a. [_____] ***[DENS12_9]***	b. [_____] ***[DENSER_9]***	c. [_____] ***[DENSRS_9]*** Otro ***(Especifique:_____)*** ***[DENS_9OS]***
A26.	Servicios de salud mental	a. [_____] ***[MENC12_9]***	b. [_____] ***[MENCON_9]***	c. [_____] ***[MENCRS_9]*** Otro ***(Especifique:_____)*** ***[MENC_9OS]***
A27.	Consejería o tratamiento contra la drogadicción o el alcoholismo	a. [_____] ***[GET_SUBU]***	b. [_____] ***[NED_SUBU]***	c. [_____] ***[RS_SUBU]*** Otro ***(Especifique:_____)*** ***[RS_U_9OS]***
A28.	Beneficios públicos, incluidos la "Seguridad de ingreso suplementario" (SSI) o el "Seguro de discapacidad del Seguro Social" (SSDI)	a. [_____] ***[GET_SSDI]***	b. [_____] ***[NED_SSDI]***	c. [_____] ***[RS_SSDI]*** Otro (***Especifique:_____***) ***[RS_S_9OS]***

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

		En los **últimos 12 meses**, usted ha recibido: ***CÓDIGO:*** ***No = 0,*** ***Sí = 1, Se negó a contestar = 7,*** ***No sabe = 8***	***Si la respuesta es "No", "Se negó a contestar" o "No sabe", EN A20a-A38a, PREGUNTE:*** En los **últimos 12 meses**, usted ha necesitado: ***CÓDIGO:*** ***No = 0,*** ***Sí = 1, Se negó a contestar = 7,*** ***No sabe = 8***	***SI LA RESPUESTA ES "Sí" EN A20b-A38b, PREGUNTE:*** ¿Cuál fue la razón principal por la cual no pudo obtener este servicio en los **últimos 12 meses**? ***CÓDIGO:*** ***CONSULTE LA LISTA DE CÓDIGOS QUE APARECE ABAJO PARA CLASIFICAR LAS RESPUESTAS.*** ***[NO LEA LAS OPCIONES. MARQUE SOLO UNA].***
A29.	Servicios relacionados con la violencia doméstica	a. [_____] ***[GET_DOMS]***	b. [_____] ***[NED_DOMS]***	c. [_____] ***[RS_DOMS]*** Otro ***(Especifique:_____)*** ***[RS_D_9OS]***
A30.	Servicios de refugio o vivienda	a. [_____] ***[SHLT12_9]***	b. [_____] ***[SHLTER_9]***	c. [_____] ***[SHLTRS_9]*** Otro ***(Especifique:_____)*** ***[SHLT_9OS]***
A31.	Servicios de comidas o alimentos	a. [_____] ***[MLSF12_9]***	b. [_____] ***[MLSFOD_9]***	c. [_____] ***[MLSFRS_9]*** Otro ***(Especifique:_____)*** ***[MLSF_9OS]***
A32.	Servicios de salud a domicilio	a. [_____] ***[HHSA12_9]***	b. [_____] ***[HHSASS_9]***	c. [_____] ***[HHSARS_9]*** Otro (***Especifique:_____***) ***[HHSA_9OS]***
A33.	Ayuda para el transporte	a. [_____] ***[TRAS12_9]***	b. [_____] ***[TRASAS_9]***	c. [_____] ***[TRASRS_9]*** Otro ***(Especifique:_____)*** ***[TRAS_9OS]***

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

		En los **últimos 12 meses**, usted ha recibido: ***CÓDIGO:*** ***No = 0,*** ***Sí = 1, Se negó a contestar = 7,*** ***No sabe = 8***	***Si la respuesta es "No", "Se negó a contestar" o "No sabe", EN A20a-A38a, PREGUNTE:*** En los **últimos 12 meses**, usted ha necesitado: ***CÓDIGO:*** ***No = 0,*** ***Sí = 1, Se negó a contestar = 7,*** ***No sabe = 8***	***SI LA RESPUESTA ES "Sí" EN A20b-A38b, PREGUNTE:*** ¿Cuál fue la razón principal por la cual no pudo obtener este servicio en los **últimos 12 meses**? ***CÓDIGO:*** ***CONSULTE LA LISTA DE CÓDIGOS QUE APARECE ABAJO PARA CLASIFICAR LAS RESPUESTAS.*** ***[NO LEA LAS OPCIONES. MARQUE SOLO UNA].***
A34.	Servicios de guardería	a. [_____] ***[CHLD12_9]***	b. [_____] ***[CHLDCR_9]***	c. [_____] ***[CHLDRS_9]*** Otro (***Especifique:***_____) ***[CHLD_9OS]***
A35.	Servicios de interpretación	a. [_____] ***[GET_INTS]***	b. [_____] ***[NED_INTS]***	c. [_____] ***[RS_INTS]*** Otro (***Especifique:***_____) ***[RS_I_9OS]***
A36.	Servicios de alimentación	a. [_____] ***[GET_NUTR]***	b. [_____] ***[NED_NUTR]***	c. [_____] ***[RS_NUTR]*** Otro (***Especifique:***_____) ***[RS_N10OS]***
A37.	Servicios de los ojos o la visión	a. [_____] ***[GET_ICN3]***	b. [_____] ***[NED_ICN3]***	d. [_____] ***[RS_ICN3]*** Otro (***Especifique:***_____) ***[RS_IN3OS]***
A38.	Un abogado o servicios legales	a. [_____] ***[GET_LAN3]***	b. [_____] ***[NED_LAN3]***	e. [_____] ***[RS_LAN3]*** Otro (***Especifique:***_____) ***[RS_LN3OS]***

Lista de códigos para A20c–A38c

1 No sabía adónde ir ni a quién llamar

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2 Está gestionando la obtención del servicio
3 La lista de espera es muy larga
4 El servicio no está disponible
5 No cumple con los requisitos o se le negaron los servicios
6 Problemas de transporte
7 Las horas de atención no le convienen
8 El costo de los servicios es muy alto / falta de seguro médico
9 Barrera del idioma
10 Demasiado enfermo para buscar atención médica
11 Barrera psicológica
12 Otra [especifique:_____)
77 Se negó a contestar
88 No sabe

***DIGA**:* "Ahora le voy a hacer algunas preguntas sobre información de salud. Para la primera pregunta usaremos la **Tarjeta de respuesta C**".

A39. ¿Con qué frecuencia tiene problemas para saber más sobre su afección médica debido a dificultades para entender la información escrita? ***[LEA LAS OPCIONES. SELECCIONE SOLO UNA]*** *[HLUW_12]*

Siempre ..... ☐ 1
A menudo ..... ☐ 2
Algunas veces ..... ☐ 3
Ocasionalmente ..... ☐ 4
Nunca ..... ☐ 5
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

DIGA: "Ahora usaremos la **Tarjeta de respuesta D**".

A40. ¿Qué tan cómodo se siente llenando usted mismo los formularios médicos? ***[LEA LAS OPCIONES. SELECCIONE SOLO UNA].*** *[HLMF_12]*

Extremadamente ..... ☐ 1
Bastante ..... ☐ 2
Algo ..... ☐ 3
Un poco ..... ☐ 4
Para nada ..... ☐ 5
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

DIGA: "Para la siguiente pregunta usaremos la **Tarjeta de respuesta E**".

A41. ¿Con qué frecuencia necesita que alguien le ayude a leer la información del hospital? ***[LEA LAS OPCIONES. SELECCIONE SOLO UNA]*** ***[HLHM_12]***

Nunca ..... ☐ 1
Ocasionalmente ..... ☐ 2
Algunas veces ..... ☐ 3
A menudo ..... ☐ 4
Siempre ..... ☐ 5
No aplica ..... ☐ 6
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

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Estigma y discriminación (R)

DIGA: "A continuación quisiera leerle unas declaraciones hechas por algunas personas con el VIH para expresar cómo se sienten a veces. Le estamos haciendo estas preguntas para entender mejor con qué frecuencia las personas con el VIH tienen estos sentimientos negativos. Estas declaraciones no son algo que yo o alguien de este proyecto piense sobre las personas con el VIH. Puede que sea incómodo responder, pero recuerde que no tiene que contestar ninguna pregunta que no quiera. Por cada frase que yo lea, por favor dígame si está de acuerdo o en desacuerdo".

		En desacuerdo (0)	**De acuerdo** (1)	Se negó a contestar (7)	No sabe (8)
R1a.	Es difícil contarles a las personas sobre mi infección por el VIH ***[ESTIGMA1A]***	☐	☐	☐	☐
R1b.	Tener el VIH me hace sentir sucio ***[STIGMA1B]***	☐	☐	☐	☐
R1c.	Me siento culpable de tener el VIH ***[ESTIGMA1C]***	☐	☐	☐	☐
R1d.	Tengo vergüenza de tener el VIH ***[ESTIGMA1D]***	☐	☐	☐	☐
R1e.	A veces siento que no valgo nada porque tengo el VIH ***[ESTIGMA1E]***	☐	☐	☐	☐
R1f.	Les oculto a otras personas que tengo el VIH ***[ESTIGMA1F]***	☐	☐	☐	☐

	Las personas con el VIH, a veces, se sienten discriminadas de diferentes maneras por los proveedores de atención médica. ¿Alguien del sistema de atención médica le ha hecho algo de lo que mencionaré a continuación **desde que su prueba del VIH fue positiva**?	**No** (0)	**Sí** (1)	Se negó a contestar (7)	No sabe (8)
R2a.	¿Se mostró hostil o le faltó al respeto? ***[ESTIGMA2A]***	☐	☐	☐	☐
R2b.	¿Le prestó menos atención que a otros pacientes? ***[ESTIGMA2B]***	☐	☐	☐	☐

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	Las personas con el VIH, a veces, se sienten discriminadas de diferentes maneras por los proveedores de atención médica. ¿Alguien del sistema de atención médica le ha hecho algo de lo que mencionaré a continuación **desde que su prueba del VIH fue positiva**?	**No** (0)	**Sí** (1)	**Se negó a contestar** (7)	**No sabe** (8)
R2c.	¿Se negó a atenderlo? ***[ESTIGMA2C]***	☐	☐	☐	☐

Instrucciones para el entrevistador: Si alguna de las respuestas en R2a–R2c es "sí", pase a R3. De lo contrario, salte al cuadro Diga antes de T1.

R3.	¿La discriminación ocurrió debido a...	**No** (0)	**Sí** (1)	**Se negó a contestar** (7)	**No sabe** (8)
R3a.	…su infección por el VIH? ***[ESTIGMA3A]***	☐	☐	☐	☐
R3b.	…su sexo? ***[ESTIGMA3B]***	☐	☐	☐	☐
R3c.	…su orientación o prácticas sexuales? ***[ESTIGMA3C]***	☐	☐	☐	☐
R3d.	…su raza o grupo étnico? ***[ESTIGMA3D]***	☐	☐	☐	☐
R3e.	...su hábito de inyectarse drogas? ***[ESTIGMA3E]***	☐	☐	☐	☐

Tratamiento para el VIH y cumplimiento del mismo (T)

***DIGA*:** "Ahora le voy a hacer algunas preguntas sobre los medicamentos que está tomando para el VIH. Estos medicamentos son llamados antirretrovirales y también son conocidos como ART, HAART o el cóctel del sida".

T1. ¿Ha tomado **alguna vez** medicamentos antirretrovirales para tratar el VIH? ***[ANTIRE_9]***

No.....☐ 0
Sí.....☐ 1 ⟹ ***Salte a T3***
Se negó a contestar.....☐ 7
No sabe..... .....☐ 8 } ***Salte a T18.***

T2. ¿Cuál es la razón principal por la cual **nunca** ha tomado medicamentos antirretrovirales? ***[NO LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[NANTRE_9]***

El médico le aconsejó retrasar el tratamiento .....☐ 1
El participante creyó que no necesitaba medicamentos porque se sentía saludable o creía que los resultados de laboratorio de la prueba del VIH eran buenos☐ 2
Debido a los efectos secundarios del medicamento.....☐ 3
Se sentía deprimido o agobiado .....☐ 4
No quería pensar que era VIH positivo.....☐ 5
Estaba preocupado de si iba a poder cumplir con el tratamiento ☐ 6
Estaba consumiendo alcohol o drogas .....☐ 7
Tenía problemas económicos o con el seguro médico.....☐ 8
No tenía hogar (indigente).....☐ 9
Estaba tomando medicamentos alternativos o complementarios ☐ 10
Otra ***(Especifique:***_____) .....☐ 11 ***[NANT_9OS]***
Se negó a contestar.....☐ 77
No sabe .....☐ 88

Instrucciones para el entrevistador: Salte a T18.

T3. ¿Cuándo fue la **primera vez** que tomó medicamentos antirretrovirales para el VHI? Por favor dígame el mes y el año. ***[FSTMY_9]***

__ __/__ __ __ __
(M M / A A A A)

[Mes: 77 = Se negó a contestar, 88= No sabe;
Año: 7777 = Se negó a contestar, 8888 = No sabe]

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Control de discrepancias*: *Confirme la respuesta si T3 (fecha cuando tomó ART por primera vez) es antes de A6 (fecha de la primera visita a un profesional de la salud para recibir atención médica para el VIH). Confirme la respuesta si T3 es antes de A1 (fecha de prueba positiva del VIH). T3 no puede ser después de I4 (fecha de la entrevista).

QDS programming note for T3: If T3 is earlier than A6, display note to interviewer: "La fecha ingresada es antes de la fecha de la primera visita a un profesional de la salud para recibir atención médica para el VIH. Confirme la respuesta." Allow program to advance. Allow a blank response for month. If T3 is earlier than A1, display a message to the interviewer saying, "La fecha ingresada es antes de la fecha de la primera prueba positiva del VIH. Confirme la respuesta." Allow the program to advance.

T4. ¿Está tomando en la **actualidad** algún medicamento antirretroviral para el VIH? ***[CURME_9]***

No ..... ☐ 0
Sí ..... ☐ 1 ⟹ *Salte al cuadro Diga antes de T5*
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8 } *Salte a T14.*

T4a. ¿Cuál es la razón principal por la cual no está tomando **actualmente** medicamentos antirretrovirales? ***[NO LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[NMANT8_9]***

El médico le aconsejó detener o retrasar el tratamiento ..... ☐ 1
El participante creyó que no necesitaba medicamentos porque se sentía saludable o creía que los resultados de laboratorio de la prueba del VIH eran buenos ☐ 2
Debido a los efectos secundarios de los medicamentos ..... ☐ 3
Se sentía deprimido o agobiado ..... ☐ 4
No quería pensar que era VIH positivo ..... ☐ 5
Estaba preocupado de si iba a poder cumplir con el tratamiento ☐ 6
Estaba consumiendo alcohol o drogas ..... ☐ 7
Tenía problemas económicos o con el seguro médico ..... ☐ 8
No tenía hogar (indigente) ..... ☐ 9
Estaba tomando medicamentos alternativos o complementarios ☐ 10
Otra ***(Especifique:***_____) ..... ☐ 11 ***[NMA8_9OS]***
Se negó a contestar ..... ☐ 77
No sabe ..... ☐ 88

Instrucciones para el entrevistador: Salte a T14.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

DIGA: "Ahora usaremos la **Tarjeta de medicamentos para el VIH**". Dígame cuáles de estos medicamentos está tomando actualmente como tratamiento para el VIH. Si está tomando una combinación de medicamentos, por favor dígame el nombre de esta combinación, no el nombre individual de cada medicamento. También le preguntaré cuántas veces se ha saltado alguna dosis de su medicamento. No tenga temor a decirme que no ha tomado todos sus medicamentos. Y por favor, recuerde que ninguna de esta información se compartirá con su médico, enfermera ni otro profesional de la salud".

T5.	a. ¿Está tomando en la actualidad ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: No = 0, Sí = 1, Se negó a contestar = 7, No sabe = 8** ***Si la respuesta es "Sí", pase a T5b; de lo contrario, salte al siguiente medicamento.***	b. ¿Cuántas pastillas, cucharadas o inyecciones se supone que debe tomar de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]*** **cada vez** que lo toma? **CÓDIGOS: Se negó a contestar = 77,** **No sabe = 88**	c. ¿Cuántas veces **por día** se supone que usted debe tomar ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: Se negó a contestar = 77,** **No sabe = 88**	d. **Ayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**	e. **Anteayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**	f. **Hace tres días**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**
Combinación de tratamientos						

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T5.	a. ¿Está tomando en la actualidad ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: No = 0, Sí = 1, Se negó a contestar = 7, No sabe = 8** ***Si la respuesta es "Sí", pase a T5b; de lo contrario, salte al siguiente medicamento.***	b. ¿Cuántas pastillas, cucharadas o inyecciones se supone que debe tomar de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]*** **cada vez** que lo toma? **CÓDIGOS: Se negó a contestar = 77, No sabe = 88**	c. ¿Cuántas veces **por día** se supone que usted debe tomar ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: Se negó a contestar = 77, No sabe = 88**	d. **Ayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77, No sabe = 88**	e. **Anteayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77, No sabe = 88**	f. **Hace tres días**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77, No sabe = 88**
Combivir (AZT+3TC)	T5a_a. ___ ___ ***[COMBCUR]***	T5a_b. ___ ___ ***[COMBET_9]***	T5a_c. ___ ___ ***[COMBDY_9]***	T5a_d. ___ ___ ***[CBMIS1_9]***	T5a_e. ___ ___ ***[CBMIS2_9]***	T5a_f. ___ ___ ***[CBMIS3_9]***
Trizivir (AZT+3TC+ ABC)	T5b_a. ___ ___ ***[TRIZCUR]***	T5b_b. ___ ___ ***[TRIZET_9]***	T5b_c. ___ ___ ***[TRIZDY_9]***	T5b_d. ___ ___ ***[TZMIS1_9]***	T5b_e. ___ ___ ***[TZMIS2_9]***	T5b_f. ___ ___ ***[TZMIS3_9]***
Epzicom (3TC+ABC)	T5c_a. ___ ___ ***[EPZICUR]***	T5c_b. ___ ___ ***[EPZIET_9]***	T5c_c. ___ ___ ***[EPZIDY_9]***	T5c_d. ___ ___ ***[EPMIS1_9]***	T5c_e. ___ ___ ***[EPMIS2_9]***	T5c_f. ___ ___ ***[EPMIS3_9]***

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T5.	a. ¿Está tomando en la actualidad ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: No = 0, Sí = 1, Se negó a contestar = 7, No sabe = 8** ***Si la respuesta es "Sí", pase a T5b; de lo contrario, salte al siguiente medicamento.***	b. ¿Cuántas pastillas, cucharadas o inyecciones se supone que debe tomar de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]*** **cada vez** que lo toma? **CÓDIGOS: Se negó a contestar = 77, No sabe = 88**	c. ¿Cuántas veces **por día** se supone que usted debe tomar ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: Se negó a contestar = 77, No sabe = 88**	d. **Ayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77, No sabe = 88**	e. **Anteayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77, No sabe = 88**	f. **Hace tres días**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77, No sabe = 88**
Truvada (FTC+TDF)	T5d_a. _____ ***[TRUVCUR]***	T5d_b. ___ ___ ***[TRUVET_9]***	T5d_c. ___ ___ ***[TRUVDY_9]***	T5d_d. ___ ___ ***[TRMIS1_9]***	T5d_e. ___ ___ ***[TRMIS2_9]***	T5d_f. ___ ___ ***[TRMIS3_9]***
Atripla (EFV/FTC/TDF)	T5e_a. _____ ***[ATRIPLA]***	T5e_b. ___ ___ ***[ATRTIM_9]***	T5e_c. ___ ___ ***[ATRDAY_9]***	T5e_d. ___ ___ ***[ATMIS1_9]***	T5e_e. ___ ___ ***[ATMIS2_9]***	T5e_f. ___ ___ ***[ATMIS3_9]***
Complera (FTC/RPV/TDF)	T5e1_a. _____ ***[COMPLERA]***	T5e1_b. _____ ***[COMPL_ET]***	T5e1_c. _____ ***[COMPL_DY]***	T5e1_d. _____ ***[COMPL_S1]***	T5e1_e. _____ ***[COMPL_S2]***	T5e1_f. _____ ***[COMPL_S3]***
Stribild ("Quad," EVG/ COBI/FTC/TDF)	T5e2_a. _____ ***[STRIBAN3]***	T5e2_b. _____ ***[STRIETN3]***	T5e2_c. _____ ***[STRIDYN3]***	T5e2_d. _____ ***[STRIS1N3]***	T5e2_e. _____ ***[STRIS2N3]***	T5e2_f. _____ ***[STRIS3N3]***

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T5.	a. ¿Está tomando en la actualidad ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: No = 0, Sí = 1, Se negó a contestar = 7, No sabe = 8** ***Si la respuesta es "Sí", pase a T5b; de lo contrario, salte al siguiente medicamento.***	b. ¿Cuántas pastillas, cucharadas o inyecciones se supone que debe tomar de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]*** **cada vez** que lo toma? **CÓDIGOS: Se negó a contestar = 77,** **No sabe = 88**	c. ¿Cuántas veces **por día** se supone que usted debe tomar ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: Se negó a contestar = 77,** **No sabe = 88**	d. **Ayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**	e. **Anteayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**	f. **Hace tres días**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**
Inhibidores de análogos nucleósidos/nucleótidos de la retrotranscriptasa (NTRI), también conocidos como "nukes" en inglés.						

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T5.	a. ¿Está tomando en la actualidad ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: No = 0, Sí = 1, Se negó a contestar = 7, No sabe = 8** ***Si la respuesta es "Sí", pase a T5b; de lo contrario, salte al siguiente medicamento.***	b. ¿Cuántas pastillas, cucharadas o inyecciones se supone que debe tomar de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]*** **cada vez** que lo toma? **CÓDIGOS: Se negó a contestar = 77, No sabe = 88**	c. ¿Cuántas veces **por día** se supone que usted debe tomar ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: Se negó a contestar = 77, No sabe = 88**	d. **Ayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77, No sabe = 88**	e. **Anteayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77, No sabe = 88**	f. **Hace tres días**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77, No sabe = 88**
Epivir (lamivudine, 3TC)	T5f_a. _____ ***[LAMICUR]***	T5f_b. ___ ___ ***[LAMIET_9]***	T5f_c. ___ ___ ***[LAMIDY_9]***	T5f_d. ___ ___ ***[LAMIS1_9]***	T5f_e. ___ ___ ***[LAMIS2_9]***	T5f_f. ___ ___ ***[LAMIS3_9]***
Videx EC (didanosine, ddI EC)	T5g_a. _____ ***[DAECCUR]***	T5g_b. ___ ___ ***[DAECET_9]***	T5g_c. ___ ___ ***[DAECDY_9]***	T5g_d. ___ ___ ***[DAMIS1_9]***	T5g_e. ___ ___ ***[DAMIS2_9]***	T5g_f. ___ ___ ***[DAMIS3_9]***

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T5.	a. ¿Está tomando en la actualidad ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: No = 0, Sí = 1, Se negó a contestar = 7, No sabe = 8** ***Si la respuesta es "Sí", pase a T5b; de lo contrario, salte al siguiente medicamento.***	b. ¿Cuántas pastillas, cucharadas o inyecciones se supone que debe tomar de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]*** **cada vez** que lo toma? **CÓDIGOS: Se negó a contestar = 77,** **No sabe = 88**	c. ¿Cuántas veces **por día** se supone que usted debe tomar ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: Se negó a contestar = 77,** **No sabe = 88**	d. **Ayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**	e. **Anteayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**	f. **Hace tres días**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**
Videx (didanosine, ddI)	T5h_a. _____ ***[DIDACUR]***	T5h_b. ___ ___ ***[DIDAET_9]***	T5h_c. ___ ___ ***[DIDADY_9]***	T5h_d. ___ ___ ***[DIMIS1_9]***	T5h_e. ___ ___ ***[DIMIS2_9]***	T5h_f. ___ ___ ***[DIMIS3_9]***
Emtriva (emtricitabine, FTC)	T5i_a. _____ ***[EMTRCUR]***	T5i_b. ___ ___ ***[EMTRET_9]***	T5i_c. ___ ___ ***[EMTRDY_9]***	T5i_d. ___ ___ ***[EMMIS1_9]***	T5i_e. ___ ___ ***[EMMIS2_9]***	T5i_e. ___ ___ ***[EMMIS3_9]***
Viread (tenofovir, TDF)	T5j_a. _____ ***[TENOCUR]***	T5j_b. ___ ___ ***[TENOET_9]***	T5j_c. ___ ___ ***[TENODY_9]***	T5j_d. ___ ___ ***[TEMIS1_9]***	T5j_e. ___ ___ ***[TEMIS2_9]***	T5j_f. ___ ___ ***[TEMIS3_9]***

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T5.	a. ¿Está tomando en la actualidad ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: No = 0, Sí = 1, Se negó a contestar = 7, No sabe = 8** ***Si la respuesta es "Sí", pase a T5b; de lo contrario, salte al siguiente medicamento.***	b. ¿Cuántas pastillas, cucharadas o inyecciones se supone que debe tomar de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]*** **cada vez** que lo toma? **CÓDIGOS: Se negó a contestar = 77, No sabe = 88**	c. ¿Cuántas veces **por día** se supone que usted debe tomar ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: Se negó a contestar = 77, No sabe = 88**	d. **Ayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77, No sabe = 88**	e. **Anteayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77, No sabe = 88**	f. **Hace tres días**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77, No sabe = 88**
Zerit (stavudine, d4T)	T5l_a. _____ ***[STAVCUR]***	T5l_b. ___ ___ ***[STAVET_9]***	T5l_c. ___ ___ ***[STAVDY_9]***	T5l_d. ___ ___ ***[STMIS1_9]***	T5l_e. ___ ___ ***[STMIS2_9]***	T5l_f. ___ ___ ***[STMIS3_9]***
Retrovir (zidovudine, AZT, ZDV)	T5m_a. _____ ***[ZIDOCUR]***	T5m_b. ___ ___ ***[ZIDOET_9]***	T5m_c. ___ ___ ***[ZIDODY_9]***	T5m_d. ___ ___ ***[ZIMIS1_9]***	T5m_e. ___ ___ ***[ZIMIS2_9]***	T5m_f. ___ ___ ***[ZIMIS3_9]***
Ziagen (abacavir, ABC)	T5n_a. _____ ***[ABACACUR]***	T5n_b. ___ ___ ***[ABACET_9]***	T5n_c. ___ ___ ***[ABACDY_9]***	T5n_d. ___ ___ ***[ABMIS1_9]***	T5n_e. ___ ___ ***[ABMIS2_9]***	T5n_f. ___ ___ ***[ABMIS3_9]***
Inhibidores de la proteasa (PI)						

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T5.	a. ¿Está tomando en la actualidad ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: No = 0, Sí = 1, Se negó a contestar = 7, No sabe = 8** ***Si la respuesta es "Sí", pase a T5b; de lo contrario, salte al siguiente medicamento.***	b. ¿Cuántas pastillas, cucharadas o inyecciones se supone que debe tomar de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]*** **cada vez** que lo toma? **CÓDIGOS: Se negó a contestar = 77, No sabe = 88**	c. ¿Cuántas veces **por día** se supone que usted debe tomar ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: Se negó a contestar = 77, No sabe = 88**	d. **Ayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77, No sabe = 88**	e. **Anteayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77, No sabe = 88**	f. **Hace tres días**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77, No sabe = 88**
Invirase (cápsulas de gel duro de saquinavir, SQV)	T5p_a. _____ ***[SACQCUR]***	T5p_b. ___ ___ ***[SACQT_9]***	T5p_c. ___ ___ ***[SACQDY_9]***	T5p_d. ___ ___ ***[SAMIS1_9]***	T5p_e. ___ ___ ***[SAMIS2_9]***	T5p_f. ___ ___ ***[SAMIS3_9]***
Kaletra (lopinavir/ ritonavir, LPVr)	T5q_a. _____ ***[LOPICUR]***	T5q_b. ___ ___ ***[LOPIT_9]***	T5q_c. ___ ___ ***[LOPIDY_9]***	T5q_d. ___ ___ ***[LOMIS1_9]***	T5q_e. ___ ___ ***[LOMIS2_9]***	T5q_f. ___ ___ ***[LOMIS3_9]***
Crixivan (indinavir, IDV)	T5r_a. _____ ***[INDICUR]***	T5r_b. ___ ___ ***[INDIET_9]***	T5r_c. ___ ___ ***[INDIDY_9]***	T5r_d. ___ ___ ***[INMIS1_9]***	T5r_e. ___ ___ ***[INMIS2_9]***	T5r_f. ___ ___ ***[INMIS3_9]***

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T5.	a. ¿Está tomando en la actualidad ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: No = 0, Sí = 1, Se negó a contestar = 7, No sabe = 8** ***Si la respuesta es "Sí", pase a T5b; de lo contrario, salte al siguiente medicamento.***	b. ¿Cuántas pastillas, cucharadas o inyecciones se supone que debe tomar de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]*** **cada vez** que lo toma? **CÓDIGOS: Se negó a contestar = 77,** **No sabe = 88**	c. ¿Cuántas veces **por día** se supone que usted debe tomar ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: Se negó a contestar = 77,** **No sabe = 88**	d. **Ayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**	e. **Anteayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**	f. **Hace tres días**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**
Lexiva (fosamprenavir, FPV)	T5s_a. _____ ***[FUSACUR]***	T5s_b. ___ ___ ***[FUSAET_9]***	T5s_c. ___ ___ ***[FUSADY_9]***	T5s_d. ___ ___ ***[FOMIS1_9]***	T5s_e. ___ ___ ***[FOMIS2_9]***	T5s_f. ___ ___ ***[FOMIS3_9]***
Reyataz (atazanavir, ATV)	T5t_a. _____ ***[ATAZCUR]***	T5t_b. ___ ___ ***[ATAZET_9]***	T5t_c. ___ ___ ***[ATAZDY_9]***	T5t_d. ___ ___ ***[ATZIS1_9]***	T5t_e. ___ ___ ***[ATZIS2_9]***	T5t_f. ___ ___ ***[ATZIS3_9]***
Norvir (ritonavir, RTV)	T5v_a. _____ ***[RITOCUR]***	T5v_b. ___ ___ ***[RITOET_9]***	T5v_c. ___ ___ ***[RITODY_9]***	T5v_d. ___ ___ ***[RIMIS1_9]***	T5v_e. ___ ___ ***[RIMIS2_9]***	T5v_f. ___ ___ ***[RIMIS3_9]***
Viracept (nelfinavir, NFV)	T5w_a. _____ ***[NELFCUR]***	T5w_b. ___ ___ ***[NELFET_9]***	T5w_c. ___ ___ ***[NELFDY_9]***	T5w_d. ___ ___ ***[NEMIS1_9]***	T5w_e. ___ ___ ***[NEMIS2_9]***	T5w_f. ___ ___ ***[NEMIS3_9]***

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T5.	a. ¿Está tomando en la actualidad ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: No = 0, Sí = 1, Se negó a contestar = 7, No sabe = 8** ***Si la respuesta es "Sí", pase a T5b; de lo contrario, salte al siguiente medicamento.***	b. ¿Cuántas pastillas, cucharadas o inyecciones se supone que debe tomar de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]*** **cada vez** que lo toma? **CÓDIGOS: Se negó a contestar = 77,** **No sabe = 88**	c. ¿Cuántas veces **por día** se supone que usted debe tomar ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: Se negó a contestar = 77,** **No sabe = 88**	d. **Ayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**	e. **Anteayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**	f. **Hace tres días**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**
Aptivus (tipranavir, TPV)	T5x_a. _____ ***[TIPRCUR]***	T5x_b. ___ ___ ***[TIPRET_9]***	T5x_c. ___ ___ ***[TIPRDY_9]***	T5x_d. ___ ___ ***[TIMIS1_9]***	T5x_e. ___ ___ ***[TIMIS2_9]***	T5x_f. ___ ___ ***[TIMIS3_9]***
Prezista (darunavir, DRV)	T5y_a. ___ ___ ***[PREZCUR]***	T5y_b. ___ ___ ***[PREZET_9]***	T5y_c. ___ ___ ***[PREZDY_9]***	T5y_d. ___ ___ ***[PRMIS1_9]***	T5y_e. ___ ___ ***[PRMIS2_9]***	T5y_f. ___ ___ ***[PRMIS3_9]***

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T5.	a. ¿Está tomando en la actualidad ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: No = 0, Sí = 1, Se negó a contestar = 7, No sabe = 8** ***Si la respuesta es "Sí", pase a T5b; de lo contrario, salte al siguiente medicamento.***	b. ¿Cuántas pastillas, cucharadas o inyecciones se supone que debe tomar de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]*** **cada vez** que lo toma? **CÓDIGOS: Se negó a contestar = 77,** **No sabe = 88**	c. ¿Cuántas veces **por día** se supone que usted debe tomar ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: Se negó a contestar = 77,** **No sabe = 88**	d. **Ayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**	e. **Anteayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**	f. **Hace tres días**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**
Inhibidores no nucleosídicos de la retrotranscriptasa (NNRTI), también conocidos como "no-nukes" en inglés.						

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T5.	a. ¿Está tomando en la actualidad ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: No = 0, Sí = 1, Se negó a contestar = 7, No sabe = 8** ***Si la respuesta es "Sí", pase a T5b; de lo contrario, salte al siguiente medicamento.***	b. ¿Cuántas pastillas, cucharadas o inyecciones se supone que debe tomar de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]*** **cada vez** que lo toma? **CÓDIGOS: Se negó a contestar = 77, No sabe = 88**	c. ¿Cuántas veces **por día** se supone que usted debe tomar ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: Se negó a contestar = 77, No sabe = 88**	d. **Ayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77, No sabe = 88**	e. **Anteayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77, No sabe = 88**	f. **Hace tres días**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77, No sabe = 88**
Rescriptor (delaviridine, DLV)	T5z_a. _____ ***[DELACUR]***	T5z_b. ___ ___ ***[DELAET_9]***	T5z_c. ___ ___ ***[DELADY_9]***	T5z_d. ___ ___ ***[DEMIS1_9]***	T5z_e. ___ ___ ***[DEMIS2_9]***	T5z_f. ___ ___ ***[DEMIS3_9]***
Viramune (nevirapine, NVP)	T5za_a. _____ ***[NEVICUR]***	T5za_b. ___ ___ ***[NEVIET_9]***	T5za_c. ___ ___ ***[NEVIDY_9]***	T5za_d. ___ ___ ***[NEVIS1_9]***	T5za_e. ___ ___ ***[NEVIS2_9]***	T5za_f. ___ ___ ***[NEVIS3_9]***
Sustiva (efavirenz, EFV)	T5zb_a. _____ ***[EFAVCUR]***	T5zb_b. ___ ___ ***[EFAVET_9]***	T5zb_c. ___ ___ ***[EFAVDY_9]***	T5zb_d. ___ ___ ***[EFMIS1_9]***	T5zb_e. ___ ___ ***[EFMIS2_9]***	T5zb_f. ___ ___ ***[EFMIS3_9]***

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T5.	a. ¿Está tomando en la actualidad ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: No = 0, Sí = 1, Se negó a contestar = 7, No sabe = 8** ***Si la respuesta es "Sí", pase a T5b; de lo contrario, salte al siguiente medicamento.***	b. ¿Cuántas pastillas, cucharadas o inyecciones se supone que debe tomar de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]*** **cada vez** que lo toma? **CÓDIGOS: Se negó a contestar = 77,** **No sabe = 88**	c. ¿Cuántas veces **por día** se supone que usted debe tomar ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: Se negó a contestar = 77,** **No sabe = 88**	d. **Ayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**	e. **Anteayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**	f. **Hace tres días**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**
Intelence (etravirine ETV)	T5zc_a. _____ ***[TMC]***	T5zc_b. ___ ___ ***[TMCTIM_9]***	T5zc_c. ___ ___ ***[TMCDAY_9]***	T5zc_d. ___ ___ ***[TMMIS1_9]***	T5zc_e. ___ ___ ***[TMMIS2_9]***	T5zc_f. ___ ___ ***[TMMIS3_9]***
Edurant (rilpivirine, RPV)	T5zd_a. ___ ___ ***[EDURANT]***	T5zd_b. ___ ___ ***[EDURA_ET]***	T5zd_c. ___ ___ ***[EDURA_DY]***	T5zd_d. ___ ___ ***[EDURA_S1]***	T5zd_e. ___ ___ ***[EDURA_S2]***	T5zd_f. ___ ___ ***[EDURA_S3]***
Inhibidores de fusión o entrada						

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

T5.	a. ¿Está tomando en la actualidad ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: No = 0, Sí = 1, Se negó a contestar = 7, No sabe = 8** ***Si la respuesta es "Sí", pase a T5b; de lo contrario, salte al siguiente medicamento.***	b. ¿Cuántas pastillas, cucharadas o inyecciones se supone que debe tomar de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]*** **cada vez** que lo toma? **CÓDIGOS: Se negó a contestar = 77,** **No sabe = 88**	c. ¿Cuántas veces **por día** se supone que usted debe tomar ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: Se negó a contestar = 77,** **No sabe = 88**	d. **Ayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**	e. **Anteayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**	f. **Hace tres días**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**
Fuzeon (enfuvirtide, T-20)	T5ze_a. _____ ***[ENFUCUR]***	T5ze_b. ___ ___ ***[ENFUET_9]***	T5ze_c. ___ ___ ***[ENFUND_9]***	T5ze_d. ___ ___ ***[ENMIS1_9]***	T5ze_e. ___ ___ ***[ENMIS2_9]***	T5ze_f. ___ ___ ***[ENMIS3_9]***
Selzentry (maraviroc, MVC)	T5zf_a. _____ ***[MARAVIRO]***	T5zf_b. ___ ___ ***[MARTIM_9]***	T5zf_c. ___ ___ ***[MARDAY_9]***	T5zf_d. ___ ___ ***[MAMIS1_9]***	T5zf_e. ___ ___ ***[MAMIS2_9]***	T5zf_f. ___ ___ ***[MAMIS3_9]***
Inhibidores de la integrasa						
Isentress, (raltegravir, RAL)	T5zg_a. _____ ***[RALTEGRA]***	T5zg_b. ___ ___ ***[RALTIM_9]***	T5zg_c. ___ ___ ***[RALDAY_9]***	T5zg_d. ___ ___ ***[RAMIS1_9]***	T5zg_e. ___ ___ ***[RAMIS2_9]***	T5zg_f. ___ ___ ***[RAMIS3_9]***

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T5.	a. ¿Está tomando en la actualidad ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: No = 0, Sí = 1, Se negó a contestar = 7, No sabe = 8** ***Si la respuesta es "Sí", pase a T5b; de lo contrario, salte al siguiente medicamento.***	b. ¿Cuántas pastillas, cucharadas o inyecciones se supone que debe tomar de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]*** **cada vez** que lo toma? **CÓDIGOS: Se negó a contestar = 77,** **No sabe = 88**	c. ¿Cuántas veces **por día** se supone que usted debe tomar ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: Se negó a contestar = 77,** **No sabe = 88**	d. **Ayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**	e. **Anteayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**	f. **Hace tres días**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88**
Tivicay, (dolutegravir, DTG)	T5zg1_a. _____ ***[DOLUCUR4]***	T5zg2_a. ___ ___ ***[DOLUETN4]***	T5zg3_a. ___ ___ ***[DOLUDYN4]***	T5zg4_a. ___ ___ ***[DOLUM1N4]***	T5zg5_a. ___ ___ ***[DOLUS2N4]***	T5zg6_a. ___ ___ ***[DOLUM3N4]***

Otros medicamentos ART

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T5zh_a.

1. ¿Está tomando actualmente algún otro medicamento antirretroviral? ***[OTSPAYN1]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Instrucciones para el entrevistador: Si OTSPAYN1 (tomando otros medicamentos 1) es "Sí", pase a OTANM1OS (otros medicamentos específicos 1); de lo contrario, pase a Control de discrepancias antes de T6 (MEDINSTR).

T5zh_ao. ***(Especifique el otro ARV:_____) [7 = Se negó a contestar, 8 = No sabe]*** ***[OTANM1OS]***

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

		b. ¿Cuántas pastillas, cucharadas o inyecciones se supone que debe tomar de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]*** **cada vez** que lo toma? **CÓDIGOS: Se negó a contestar = 77,** **No sabe = 88** T5zh_b. ___ ___ ***[ODRET1_9]***	c. ¿Cuántas veces **por día** se supone que usted debe tomar ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: Se negó a contestar = 77,** **No sabe = 88** T5zh_c. ___ ___ ***[ODTDY1_9]***	d. **Ayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88** T5zh_d. ___ ___ ***[ODMIS1_9]***	e. **Anteayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88** T5zh_e. ___ ___ ***[ODMIS2_9]***	f. **Hace tres días**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88** T5zh_f. ___ ___ ***[ODMIS3_9]***

T5zi_a. 1. ¿Está tomando actualmente algún otro medicamento antirretroviral? ***[OTSPAYN2]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Instrucciones para el entrevistador: Si OTSPAYN2 (tomando otros medicamentos 2) es "Sí", pase a OTANM2OS (otros medicamentos específicos 2); de lo contrario pase a Control de discrepancias antes de T6 (MEDINSTR).

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T5zi_ao. ***(Especifique el otro ARV:_____) [7 = Se negó a contestar, 8 = No sabe]*** ***[OTANM2OS]***						
		b. ¿Cuántas pastillas, cucharadas o inyecciones se supone que debe tomar de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]*** **cada vez** que lo toma? **CÓDIGOS: Se negó a contestar = 77,** **No sabe = 88** T5zi_b. ___ ___ ***[ODRET2_9]***	c. ¿Cuántas veces **por día** se supone que usted debe tomar ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? **CÓDIGOS: Se negó a contestar = 77,** **No sabe = 88** T5zi_c. ___ ___ ***[ODTDY2_9]***	d. **Ayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88** T5zi_d. ___ ___ ***[ODMI21_9]***	e. **Anteayer**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88** T5zi_e. ___ ___ ***[ODMI22_9]***	f. **Hace tres días**, ¿cuántas veces olvidó tomar una dosis o una serie de pastillas, cucharadas o inyecciones de ***[INSERTE EL NOMBRE DEL MEDICAMENTO]***? Una vez más, si solo tomó parte de la dosis, por favor señale que perdió una dosis completa. **CÓDIGOS: No aplica = 66, Se negó a contestar = 77,** **No sabe = 88** T5zi_f. ___ ___ ***[ODMI23_9]***

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Control de discrepancias*: El número de dosis o la serie de pastillas, cucharadas o inyecciones que se dejaron de tomar debe ser ≤ a la cantidad de veces que se supone que el entrevistado debe tomar estas pastillas, cucharadas o inyecciones. El número de pastillas, cucharadas o inyecciones que se supone que el entrevistado debe tomar cada vez que toma los medicamentos debe ser ≤ 35. El número de veces al día que se supone que el entrevistado debe tomar estas pastillas, cucharadas o inyecciones debe ser ≤ 9. El número de veces al día que el entrevistado no tomó una dosis o una serie de estas pastillas, cucharadas o inyecciones ayer debe ser ≤ 9. El número de veces al día que el entrevistado no tomó una dosis o una serie de estas pastillas, cucharadas o inyecciones anteayer debe ser ≤ 9. Si T4 es "Sí" y todas las respuestas T5 son "No", regrese a la pregunta anterior (T4).

T6. ¿Algunos de sus medicamentos antirretrovirales tienen instrucciones especiales, como "tomarlos con comidas" o "tomarlos con el estómago vacío" o "tomarlos con muchos líquidos"? ***[MEDINSTR]***

No..... ☐ 0 → ***Salte al cuadro Diga antes de T8***

Sí..... ☐ 1

Se negó a contestar..... ☐ 7

No sabe..... ☐ 8

Salte al cuadro Diga antes de T8

DIGA: "Usaremos la **Tarjeta de respuesta F** para la siguiente pregunta. También necesitará el calendario para referirse a los 3 días pasados".

T7. En los **últimos 3 días**, ¿con qué frecuencia siguió todas estas instrucciones especiales? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[FLMDIN_9]***

Nunca ..... ☐ 1

Rara vez ..... ☐ 2

Más o menos la mitad de las veces ..... ☐ 3

La mayoría de las veces..... ☐ 4

Siempre ..... ☐ 5

Se negó a contestar..... ☐ 7

No sabe ..... ☐ 8

DIGA: "Usaremos la **Tarjeta de respuesta F**. También necesitará el calendario para referirse a los 3 días pasados".

T8. Para la mayoría de los medicamentos antirretrovirales se debe seguir un horario, por ejemplo, "2 veces al día" o "3 veces al día" o "cada 8 horas". ¿Qué tanto se apegó a su horario específico en los **últimos 3 días**? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[MDSCHD_9]***

Nunca ..... ☐ 1

Rara vez ..... ☐ 2

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Más o menos la mitad de las veces ..... ☐ 3
La mayoría de las veces..... ☐ 4
Siempre ..... ☐ 5
Se negó a contestar..... ☐ 7
No sabe ..... ☐ 8

QDS programming note for T9: If respondent says that they missed a dose for any antiretroviral medication in T5d, T5e, T5f, then the program will skip T9 (last time missed ART) and go to T10.

DIGA: "Ahora usaremos la **Tarjeta de respuesta G**".

T9. ¿Cuándo fue la **última vez** que se le olvidó tomar alguno de sus medicamentos antirretrovirales? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[LTMMED10]***

En la última **semana** ..... ☐ 1
Hace 1-2 **semanas**..... ☐ 2
Hace 3-4 **semanas**..... ☐ 3
Hace 1-3 **meses**..... ☐ 4
Hace más de 3 **meses**..... ☐ 5
Nunca se olvida de tomar los medicamentos..... ☐ 6 ⟹ ***Salte al cuadro Diga antes de***
Se negó a contestar..... ☐ 7
No sabe ..... ☐ 8

T10. ¿Cuáles fueron los motivos por los cuales se olvidó de tomar los medicamentos antirretrovirales la **última vez**? ***[NO LEA LAS OPCIONES. MARQUE TODAS LAS QUE CORRESPONDAN].*** ***[MSMD_12]***

Problemas con la receta o con el nuevo surtido de la receta ☐ 1 ***[MSMD_12A]***
Se sentía mal o cansado..... ☐ 2 ***[MSMD_12B]***
Cambio en la rutina diaria incluidos viajes ..... ☐ 3 ***[MSMD_12C]***
Debido a los efectos secundarios del medicamento ..... ☐ 4 ***[MSMD_12D]***
Se sentía deprimido o agobiado ..... ☐ 5 ***[MSMD_12E]***
Estaba consumiendo alcohol o drogas ..... ☐ 6 ***[MSMD_12F]***
Tenía problemas económicos o con el seguro médico..... ☐ 7 ***[MSMD_12G]***
No tenía hogar (indigente)..... ☐ 8 ***[MSMD_12H]***
Tenía que tomar muchas pastillas ..... ☐ 9 ***[MSMD_12I]***
Se le olvidó tomarlos..... ☐ 10 ***[MSMD_12J]***
Otro ..... ☐ 11 ***[MSMD_12K]***
Se negó a contestar..... ☐ 77
No sabe ..... ☐ 88

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Instrucciones para el entrevistador: Si escoge "Otro" T10, pase a T10_o1. De lo contrario, salte al cuadro Diga antes de T11.

T10_o1. Especifique otra razón por la que olvidó tomar el medicamento:

_____ ***[MSK_12OS]***

[7 = Se negó a contestar, 8 = No sabe]

T10_o2. ¿Hay más razones por las que olvidó tomar el medicamento? ***[MSMD_12L]***

Sí.....☐ 1

No.....☐ 0

Instrucciones para el entrevistador: Si T10_o2 es "Sí", pase a T10_o3. De lo contrario, salte al cuadro Diga antes de T11.

T10_o3. Especifique otra razón por la que olvidó tomar el medicamento:

_____ ***[MSK_12OS]***

[7 = Se negó a contestar, 8 = No sabe]

DIGA: "Ahora le voy a hacer algunas preguntas sobre los últimos 30 días". "Usaremos la **Tarjeta de respuesta H**. También usaremos el calendario para referirnos a los 30 días pasados".

T11. En los **últimos 30 días**, ¿qué tanto lo afectaron los efectos secundarios de los medicamentos antirretrovirales? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[TRBL_EFT]***

Nunca .....☐ 1

Rara vez.....☐ 2

Más o menos la mitad de las veces .....☐ 3

La mayoría de las veces.....☐ 4

Siempre .....☐ 5

Lleva menos de 30 días tomando los medicamentos.....☐ 6

Se negó a contestar.....☐ 7

No sabe .....☐ 8

DIGA: "Para las siguientes tres preguntas usaremos la **Tarjeta de respuesta I**".

T12a. ¿Qué tan seguro está de que podrá tomar todos o la mayor parte de los medicamentos tal como se los recetaron? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[TK_MD_DR]***

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No está seguro ..... ☐ 0
Más o menos seguro ..... ☐ 1
Muy seguro ..... ☐ 2
Extremadamente seguro ..... ☐ 3
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

T12b. ¿Qué tan seguro está de que el medicamento tendrá un efecto positivo en su salud? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[MD_POSEF]***

No está seguro ..... ☐ 0
Más o menos seguro ..... ☐ 1
Muy seguro ..... ☐ 2
Extremadamente seguro ..... ☐ 3
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

T12c. ¿Qué tan seguro está de que si usted no se toma los medicamentos exactamente como se lo indicaron, el VIH que tiene en el cuerpo se volverá resistente a los medicamentos contra esta enfermedad? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[SR_HIVRS]***

No está seguro ..... ☐ 0
Más o menos seguro ..... ☐ 1
Muy seguro ..... ☐ 2
Extremadamente seguro ..... ☐ 3
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

DIGA: "Ahora usaremos la **Tarjeta de respuesta J**".

T13a. En general, ¿qué tan satisfecho está usted con todo el apoyo que recibe de sus familiares y amigos? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[SUPRT_FF]***

Muy insatisfecho ..... ☐ 0
Más o menos insatisfecho ..... ☐ 1
Más o menos satisfecho ..... ☐ 2
Muy satisfecho ..... ☐ 3
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

DIGA: "Ahora usaremos la **Tarjeta de respuesta K**".

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

T13b. ¿En qué medida sus familiares o amigos le recuerdan que debe tomarse los medicamentos? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[MED_SUPT]***

Para nada ..... ☐ 0
Un poco ..... ☐ 1
Algo ..... ☐ 2
Mucho ..... ☐ 3
No aplica ..... ☐ 6
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Instrucciones para el entrevistador: Salte a T15.

T14. En los **últimos 12 meses**, ¿ha tomado medicamentos antirretrovirales? ***[ATMD12_9]***

No ..... ☐ 0 ⟹ ***Salte a***
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

} ***Salte a T18.***

T15. En los **últimos 12 meses**, ¿de qué forma se pagaron los medicamentos antirretrovirales? ***[NO LEA LAS OPCIONES. MARQUE TODAS LAS QUE CORRESPONDAN].*** ***[PREM_12]***

Seguro médico privado ..... ☐ 1 ***[PREM_12A]***
Medicaid ..... ☐ 2 ***[PREM_12B]***
Medicare ..... ☐ 3 ***[PREM_12C]***
Programa de Asistencia de Medicamentos para el Sida (ADAP, por sus siglas en inglés) ..... ☐ 4 ***[PREM_12D]***
Una organización de servicios para el sida proporcionó los medicamentos. ☐ 5 ***[PREM_12E]***
Recibió los medicamentos en un centro de salud o clínica pública ☐ 6 ***[PREM_12F]***
Un ensayo clínico o un estudio sobre medicamentos los proporcionó ..... ☐ 7 ***[PREM_12G]***
Pagó usted de su bolsillo por sus medicamentos ..... ☐ 8 ***[PREM_12H]***
Otro 1 ***(Especifique: _____)*** ... ☐ 9 ***[PREM_12I] [PRI_12OS]***
Otro 2 ***(Especifique: _____)*** ... ☐ 10 ***[PREM_12I] [PRI_12OS]***
Se negó a contestar ..... ☐ 77
No sabe ..... ☐ 88

T16. En los **últimos 12 meses,** ¿su médico u otro miembro del personal clínico le preguntó si usted se olvidó de tomar alguna dosis de sus medicamentos antirretrovirales o si tuvo dificultad para tomarlos? ***[MDASKN3]***

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

T17. En los **últimos 12 meses**, ¿alguna vez se ha tomado a propósito "un descanso de sus medicamentos antirretrovirales" que no haya sido autorizado por su médico? Es decir, ¿tenía planeado no tomar alguna dosis de uno o varios de sus medicamentos antirretrovirales durante al menos dos días seguidos? ***[DRGHOL_9]***

Etiqueta: En los últimos 12 meses, ¿ha tomado un descanso de sus medicamentos?

No ..... ☐ 0 ⟹ ***Salte a***
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8
} ***Salte a T18.***

T17a. ¿Cuál fue la razón principal por la que se tomó este descanso de los medicamentos antirretrovirales? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[RDRHO_10]***

Los medicamentos tienen efectos secundarios o lo hacen sentir mal ☐ 1
Se cansó de tomar medicamentos o necesitaba un descanso de ellos ☐ 2
Estaba usando drogas o alcohol ..... ☐ 3
Estaba de vacaciones ..... ☐ 4
Se sintió bien ..... ☐ 5
Otro ***(Especifique:***_____) ☐ 6 ***[RDR_10OS]***
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

T18. En los **últimos 12** meses, ¿ha participado en un estudio clínico sobre el VIH? ***[CLTREC_9]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

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Conducta sexual (S)

Total de parejas sexuales (ST)

DIGA: *"*Ahora, le voy a hacer algunas preguntas sobre las relaciones sexuales. Por favor, recuerde que sus respuestas se mantendrán confidenciales y que no necesita contestar cualquier pregunta que no desee. Le voy a hacer preguntas sobre la cantidad de personas con las que ha tenido relaciones sexuales durante los **últimos 12 meses**. Cuando digo "relaciones sexuales", me refiero a relaciones sexuales vaginales o anales. Relaciones sexuales vaginales quiere decir el pene en la vagina y relaciones sexuales anales quiere decir el pene en el ano. Al pensar en sus respuestas, por favor incluya a todas las personas con quienes tuvo relaciones sexuales vaginales o anales durante los **últimos 12 meses**. La cantidad de personas puede variar entre 0 a más de cien".

Variable calculada para género sexual:

SX_GEN=
If GENDER=Male and BIRTGEN=Male then SX_GEN=1 (Male).
If GENDER=Female and BIRTGEN=Female then SX_GEN=2 (Female).
If (GENDER=Male and BIRTGEN=Female) or (GENDER=Female and BIRTGEN=Male) or (GENDER=Transgender and [BIRTGEN=Male, Female, don't know, or refused to answer]) then SX_GEN=3 (Transgender).
If BIRTGEN is intersex, then SX_GEN=4 (Indeterminate).
If ([GENDER= refused to answer or don't know] and [BIRTGEN = Male, Female, refused to answer, or don't know], then SX_GEN=4 (Indeterminate).
If BIRTGEN is refused to answer or don't know, and GENDER is male, female, refused to answer, or don't know, then SX_GEN=4 (Indeterminate).

In other words:

		BIRTGEN				
		Male	Female	Intersex	Refused to answer	Don't know
Gender	Male	SX_GEN = 1 male	SX_GEN = 3 transgender	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate
	Female	SX_GEN = 3 transgender	SX_GEN = 2 female	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate
	Transgender	SX_GEN = 3 transgender	SX_GEN = 3 transgender	SX_GEN = 4 Indeterminate	SX_GEN = 3 transgender	SX_GEN = 3 transgender
	Se negó	SX_GEN = 4	SX_GEN = 4	SX_GEN = 4	SX_GEN = 4	SX_GEN = 4

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

		Indeterminate	Indeterminate	Indeterminate	Indeterminate	Indeterminate
	Don't know	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate

Variable label for SX_GEN=sex gender

Instrucciones para el entrevistador para SX_TFPN4 *(cantidad de parejas femeninas)**:***
Si SX_GEN=2 (Femenino), salte a SX_TMPN4 (cantidad de parejas masculinas).
De lo contrario, pase a SX_TFPN4 (cantidad de parejas femeninas).

ST.1.0. En los **últimos 12 meses**, ¿con cuántas mujeres ha tenido relaciones sexuales? *[SX_TFPN4]*

___ ___ ___ *[7777 = Se negó a contestar, 8888 = No sabe]*

QDS programming note for SX_TFPN4 (number of female partners):
Range is 0–999.
Variable label for SX_TFPN4 is number of female partners.

ST.2.0. En los **últimos 12 meses**, ¿con cuántos hombres ha tenido relaciones sexuales? *[SX_TMPN4]*

___ ___ ___ *[7777 = Se negó a contestar, 8888 = No sabe]*

QDS programming note for SX_TMPN4 (number of male partners):
Range is 0–999.
Variable label for SX_TMPN4 is number of male partners.

ST.3.0. En los **últimos 12 meses**, ¿con cuántas personas transgénero ha tenido relaciones sexuales? *[SX_TTPN4]*

___ ___ ___ *[7777 = Se negó a contestar, 8888 = No sabe]*

QDS programming note for SX_TTPN4 (number of transgender partners):
Range is 0–999.
Variable label for SX_TTPN4 is number of transgender partners.

Calculated variables for SX_TFPN4 (number of female partners), SX_TMPN4 (number of male

partners), and SX_TTPN4 (number of transgender partners):

Total number of vaginal and anal sex partners: create a calculated variable SX_TOTN4 where the sum of SX_TFPN4 + SX_TMPN4 + SX_TTPN4 = SX_TOTN4. Variable label for SX_TOTN4 is total number of vaginal and anal sex partners. If the response to SX_TFPN4 (number of female partners), SX_TMPN4 (number of male partners), or SX_TTPN4 (number of transgender partners) is "no sabe," or "se negó a contestar," then calculate the response as "0." EXAMPLE: if SX_TFPN4 = "no sabe" AND SX_TMPN4 = "no sabe," AND SX_TTPN4 = "se negó a contestar," THEN SX_TOTN4 = 0. If any of the values are skipped (.S), then do not include the value in the calculation. EXAMPLE: if SX_TFPN4 = "2" AND SX_TMPN4 = "no sabe," AND SX_TTPN4 = skipped, then SX_TOTN4 = 2.

Female only partners: create a calculated variable SXFMONN4 (female only partners) if SX_TMPN4 (number of male partners) = 0, don't know, or refused to answer AND SX_TTPN4 (number of transgender partners) = 0, don't know, or refused to answer AND SX_TFPN4 (number of female partners) ≥ 1, then SXFMONN4 (female only partners) = 1; otherwise SXFMONN4 = 0. Variable label for SXFMONN4 is female only partners.

Male only partners: create a calculated variable SXMLONN4 (male only partners) if SX_TFPN4 (number of female partners) = 0, don't know, or refused to answer or skipped AND SX_TTPN4 (number of transgender partners) = 0, don't know, or refused to answer AND SX_TMPN4 (number of male partners) ≥ 1, then SXMLONN4 (male only partners) = 1; otherwise SXMLONN4 = 0. Variable label for SXMLONN4 is male only partners.

Transgender only partners: create a calculated variable SXTGONN4 (transgender only partners) if SX_TFPN4 (number of female partners) = 0, don't know, or refused to answer AND SX_TMPN4 (number of male partners) = 0, don't know, or refused AND SX_TTPN4 (number of transgender partners) ≥ 1, then SXTGONN4 (transgender only partners) = 1; otherwise SXTGONN4 = 0. Variable label for SXTGONN4 is transgender only partners.

Instrucciones para el entrevistador para SX_TWPN4 (cantidad de mujeres con parejas femeninas):
Si SX_GEN=2 (Femenina), pase al cuadro Diga antes de SX_TWPN4 (cantidad de mujeres con parejas femeninas).
Si SX_GEN no es 2 (Femenina) y SX_TOTN4 (cantidad de parejas sexuales) = 0, salte al cuadro Diga antes de SEROSRT1 (seroselección).
De lo contrario, si SX_GEN no es 2 (Femenina) y SX_TOTN4 (cantidad total de parejas sexuales) ≥

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

1, salte a las instrucciones para el entrevistador antes de SX_EXCN4 (intercambio por sexo).

DIGA: "Ahora le voy a hacer preguntas acerca de las relaciones sexuales con mujeres".

ST.4.0. En los **últimos 12 meses**, ¿con cuántas mujeres distintas ha tenido relaciones sexuales? *[SX_TWPN4]*

___ ___ ___ *[7777 = Se negó a contestar, 8888 = No sabe]*

QDS programming note for SX_TWPN4 (number of female-female partners):
Range is 0–999.
Variable label for SX_TWPN4 is number of female-female partners.

Female-female only partners: create a calculated variable SXFFONN4 (female-female only partners) if SX_TMPN4 (number of male partners) = 0, don't know, or refused AND SX_TTPN4 (number of transgender partners) =0, don't know, refused AND SX_TWPN4 (number of female-female partners) ≥ 1, then SXFFONN4 (female-female only partners) = 1; otherwise SXFFONN4 = 0. Variable label of SXFFONN4 is female-female only partners.

Instrucciones para el entrevistador antes de SX_EXCN4 (intercambio por sexo):

***<u>Mujeres que solo tenían relaciones sexuales con mujeres</u>**: Si SX_GEN=2 Y SX_TMPN4 (cantidad de parejas masculinas) = "0", "no sabe" o "se negó a contestar" Y SX_TTPN4 (cantidad de parejas transgénero) = "0", "no sabe" o "se negó a contestar", salte a la sección de seroselección (cuadro Diga ante de SEROSRT1).*

***<u>No tiene parejas con quienes tenga relaciones sexuales vaginales o anales</u>**: Si SX_TFPN4 (cantidad de parejas femeninas), SX_TMPN4 (cantidad de parejas masculinas) y SX_TTPN4 (cantidad de parejas transgénero) son todas alguna combinación de "0", "no sabe" o "se negó a contestar", salte a la sección de seroselección (cuadro Diga antes de SEROSRT1).*

De lo contrario, pase a SX_EXCN4 (intercambio por sexo).

Intercambio por sexo (SE)

SE.1.0. En los **últimos 12 meses**, ¿tuvo relaciones sexuales a cambio de cosas como alimentos, vivienda, transporte, dinero drogas? *[SX_EXCN4]*

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

QDS programming note for SX_EXCN4:
Variable label for SX_EXCN4 is exchange sex.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Nombres de las parejas (SN)

Instrucciones para el entrevistador antes de SX_NM1N4 (nombre de la pareja 1): *Si SX_TOTN4 (cantidad total de parejas sexuales) = 1, pase al cuadro Diga #1 antes de SX_NM1N4 (nombre de la pareja 1). Si SX_TOTN4 ≥ 2, salte al cuadro Diga #2 antes de SX_NM1N4 (nombre de la pareja 1).*

Cuadro Diga #1 antes de SX_NM1N4 (nombre de la pareja 1):
DIGA: "Ahora, le voy a hacer algunas preguntas sobre la persona con quien usted tuvo relaciones sexuales recientemente durante los **últimos 12 meses,** como por ejemplo la edad y raza de esa persona. Por favor responda lo mejor que pueda, pero está bien si me dice que no sabe o no está seguro. Como voy a hacer preguntas acerca de esta persona, necesito referirme a él o ella de alguna manera. Usted se puede referir a él o ella de la manera que quiera, por sus iniciales, su apodo o donde se conocieron. Sin embargo, no me dé un apellido ni ninguna otra información de identificación".

Instrucciones para el entrevistador después del cuadro Diga #1 antes de SX_NM1N4 (nombre de la pareja 1):
Instrucciones para el entrevistador antes de SX_NM1N4 (nombre de la pareja 1):

Cuadro Diga #2 antes de SX_NM1N4 (nombre de la pareja 1):
DIGA: "Ahora, le voy a hacer algunas preguntas acerca de las ***[SI SX_TOTN4 (cantidad total de parejas sexuales) es 2, 3 o 4, INSERTE LA RESPUESTA DE SX_TOTN4 (cantidad total de parejas sexuales). Si SX_TOTN4 (cantidad total de parejas sexuales) ≥5, INSERTE "5".]*** personas con quienes usted tuvo relaciones sexuales recientemente durante **los últimos 12 meses,** por ejemplo la edad y raza de esas personas. Por favor responda lo mejor que pueda, pero está bien si me dice que no sabe o no está seguro. Como voy a hacer preguntas sobre cada persona, necesito referirme a ellas de alguna manera, para que cuando le haga preguntas de seguimiento, ambos sepamos que estamos hablando de la misma persona. Usted se puede referir a ellas de la manera que quiera, por sus iniciales, su apodo o donde se conocieron. Sin embargo, no me dé apellidos ni ninguna otra información de identificación".

SN.1.0. ¿Cómo debemos llamar a la persona con la que usted tuvo relaciones sexuales más recientemente durante los **últimos 12 meses**? *[SX_NM1N4]*

_____ ***[7 = Se negó a contestar]***

Instrucciones para el entrevistador para SX_NM1N4 (nombre de la pareja 1):
Si SX_TOTN4 (cantidad total de parejas sexuales) = 1 Y SX_NM1N4 (nombre de la pareja 1) es "se negó a contestar" despliegue el mensaje "Entrevistador: recuérdele al entrevistado que

puede dar iniciales, apodos y otro nombre para identificar a la pareja". Regrese a SX_NM1N4 (nombre de la pareja 1): Si SX_NM1N4 (nombre de la pareja 1), sigue siendo "se negó a contestar", salte a la sección de seroselección (cuadro Diga antes de SEROSRT1).

Si SX_TOTN4 (cantidad total de parejas sexuales) = 1 Y SX_NM1N4 (nombre de la pareja 1) es "se negó a contestar", salte a la sección de seroselección (cuadro Diga antes de SEROSRT1). Si SX_TOTN4 (cantidad total de parejas sexuales) ≥ 2, pase a SX_NM2N4 (nombre de la pareja 2). De lo contrario, pase a SXTOVRN4 (verificación del total de parejas sexuales).

QDS programming note for SX_NM1N4:
Open-ended response.
Character limit = 50.
Do not allow a "no sabe" response option.
Variable label is name of partner 1.

SN.1.1. ¿Cómo debemos llamar a la segunda persona con la que usted tuvo relaciones sexuales durante los **últimos 12 meses?**

[SX_NM2N4]

_____ *[7 = Se negó a contestar]*

Instrucciones para el entrevistador para SX_NM2N4 (nombre de la pareja 2):
Si SX_TOTN4 (cantidad total de parejas sexuales) = 2 Y SX_NM1N4 (nombre de la pareja 1) y SX_NM2N4 (nombre de la pareja 2) son "se negó a contestar", salte a la sección de seroselección (cuadro Diga antes de SEROSRT1). Si SX_TOTN4 (cantidad total de parejas sexuales) ≥ 3, pase a SX_NM3N4 (nombre de la pareja 3). De lo contrario, pase a SXTOVRN4 (verificación del total de parejas sexuales).

EJEMPLO: *SX_NM1N4 (nombre de la pareja 1) es "se negó a contestar" Y SX_NM2N4 (nombre de la pareja 2) es "John" pase a SX_NM3N4 (nombre de la pareja 3).*

QDS programming note for SX_NM2N4:
Use open-ended response.
Character limit = 50.
Do not allow for a "no sabe" response option.
Variable label is name of partner 2.

If SX_NM1N4 (name of partner 1) and SX_NM2N4 (name of partner 2) are identical, then display the following message, "Usted me dio el mismo nombre para otra pareja. Por favor, ¿me puede dar otro nombre?" The program should return to SX_NM2N4 (name of partner 2).

SN.1.2. ¿Cómo debemos llamar a la tercera persona con la que usted tuvo relaciones sexuales durante los **últimos 12 meses?**

[SX_NM3N4]

_____ *[7 = Se negó a contestar]*

***Instrucciones para el entrevistador para SX_NM3N4 (nombre de la pareja 3)**:*
Si SX_TOTN4 (cantidad total de parejas sexuales) = 3, SX_NM1N4 (nombre de la pareja 1), SX_NM2N4 (nombre de la pareja 2) y SX_NM3N4 (nombre de la pareja 3) son "se negó a contestar", salte a la sección de seroselección (cuadro Diga antes de SEROSRT1). Si SX_TOTN4 (cantidad total de parejas sexuales) ≥ 4, pase a SX_NM3N4 (nombre de la pareja 4). De lo contrario, salte a SXTOVRN4 (verificación del total de parejas sexuales).

***EJEMPLO:** SX_NM1N4 (nombre de la pareja 1) es "se negó a contestar" Y SX_NM2N4 (nombre de la pareja 2) es "John" y SX_NM3N4 (nombre de la pareja 3) es "Jane", pase a SX_NM4N4 (nombre de la pareja 4).*

QDS programming note for SX_NM3N4:
Use open-ended response.
Character limit = 50.
Do not allow for a "no sabe" response option.
Variable label is name of partner 3.

If either SX_NM1N4 (name of partner 1), SX_NM2N4 (name of partner 2), or SX_NM3N4 (name of partner 3) are identical, then display the following message, "Usted me dio el mismo nombre para otra pareja. Por favor, ¿me puede dar otro nombre?" The program should return to SX_NM3N4 (name of partner 3).

SN.1.3. ¿Cómo debemos llamar a la cuarta persona con la que usted tuvo relaciones sexuales durante los **últimos 12 meses?**

[SX_NM4N4]

_____ *[7 = Se negó a contestar]*

Instrucciones para el entrevistador para SX_NM4N4 (nombre de la pareja 4):
Si SX_TOTN4 (cantidad total de parejas sexuales) = 4, SX_NM1N4 (nombre de la pareja 1), SX_NM2N4 (nombre de la pareja 2), SX_NM3N4 (nombre de la pareja 3) y SX_NM4N4 (nombre de la pareja 4) son "se negó a contestar", salte a la sección de seroselección (cuadro Diga antes de SEROSRT1). Si SX_TOTN4 (cantidad total de parejas sexuales) ≥ 5, pase a SX_NM5N4

(nombre de la pareja 5). De lo contrario, salte a SXTOVRN4 (verificación del total de parejas sexuales).
EXAMPLE: *SX_NM1N4 (name of partner 1) is "refused to answer" AND SX_NM2N4 (name of partner 2) is "John" and SX_NM3N4 (name of partner 3) is "Jane" and SX_NM4N4 (name of partner 4) is "JB," then go to SX_NM5N4 (name of partner 5).*

QDS programming note for SX_NMN4:
Use open-ended response.
Character limit = 50.
Do not allow for a "no sabe" response option.
Variable label is name of partner 4.

If either SX_NM1N4 (name of partner 1), SX_NM2N4 (name of partner 2), SX_NM3N4 (name of partner 3), or SX_NM4N4 (name of partner 4) are identical, then display the following message, "Usted me dio el mismo nombre para otra pareja. Por favor, ¿me puede dar otro nombre?" The program should return to SX_NM4N4 (name of partner 4).

SN.1.4. ¿Cómo debemos llamar a la quinta persona con la que usted tuvo relaciones sexuales durante los **últimos 12 meses?**

[SX_NM5N4]

_____ *[7 = Se negó a contestar]*

Instrucciones para el entrevistador para SX_NM5N4 (nombre de la pareja 5):
Si SX_TOTN4 (cantidad total de parejas sexuales) = 5, SX_NM1N4 (nombre de la pareja 1), SX_NM2N4 (nombre de la pareja 2), SX_NM3N4 (nombre de la pareja 3), SX_NM4N4 (nombre de la pareja 4), SX_NM5N4 (nombre de la pareja 5) son todos "se negó a contestar", salte a la sección de seroselección (cuadro Diga antes de SEROSRT1).

De lo contrario, pase a SXTOVRN4 (verificación del total de parejas sexuales).

QDS programming note for SX_NM5N4:
Use open-ended response.
Character limit = 50.
Do not allow for a "no sabe" response option.
Variable label is name of partner 5.

If either SX_NM1N4 (name of partner 1), SX_NM2N4 (name of partner 2), SX_NM3N4 (name of partner 3), SX_NM4N4 (name of partner 4), or SX_NM5N4 (name of partner 5) are identical, then display the following message, "Usted me dio el mismo nombre para otra pareja. Por

favor, ¿me puede dar otro nombre?" The program should return to SX_NM5N4 (name of partner 5).

If SX_TOTN4 (total number of sex partners) > 5 and SX_NM1N4 (name of partner 1), SX_NM2N4 (name of partner 2), SX_NM3N4 (name of partner 3), SX_NM4N4 (name of partner 4), and SX_NM5N4 (name of partner 5) are all "no sabe" o "se negó a contestar," then then skip to the aggregate information section (Say box before SXAGC1N4).

SN.1.5. Entonces, ¿la cantidad total de personas con las que usted tuvo relaciones sexuales vaginales o anales durante los **últimos 12 meses fue *[INSERTE SX_TOTN4]***? *[SXTOVRN4]*

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

QDS programming note for SXTOVRN4:
Variable label for SXTOVRN4 is verification of total sex partners.

Instrucciones para el entrevistador para SXTOVRN4 (verificación del total de parejas sexuales)*: Si SXTOVRN4 = 0 (no) u 8 (no sabe), regrese a las instrucciones para el entrevistador antes de SX_TFPN4 (número de parejas femeninas). Si SXTOVRN4 = 1 (sí), pase a instrucciones para el entrevistador al comienzo de la sección de información demográfica de la pareja. Si SXTOVRN4 = 7 (se negó a contestar), salte a la sección de seroselección (cuadro Diga antes de SEROSRT1).*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Información demográfica de la pareja (SP)

Preguntas	**Parejas sexuales**				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
Instructions for partner demographics partner-by-partner series table: The questions and response options are in the far left column of the table. Each question is asked for partners 1–5. Partners 1-5 are labeled in columns Partner 1, Partner 2, Partner 3, Partner 4, and Partner 5. All Partner 1 questions are asked before moving to Partner 2 questions. Detailed instructions are provided in each table cell. When question instructions say "inserte el nombre de la pareja," and the variable is in the Partner 1 column, then insert response from SX_NM1N4 (name of partner 1). When question instructions say "inserte el nombre de la pareja," and variable is in the Partner 2 column, insert response to SX_NM2N4 (name of partner 2). When question instructions say "inserte el nombre de la pareja," and variable is in the same column as Partner 3, insert response to SX_NM3N4 (name of partner 3). When question instructions say "inserte el nombre de la pareja," and variable is in the same column as Partner 4, insert response to SX_NM4N4 (name of partner 4). When question instructions say "inserte el nombre de la pareja," and variable is in the same column as Partner 5, insert response to SX_NM5N4 (name of partner 5).					
Instrucciones para el entrevistador antes de SXPGN1N4 (sexo de la pareja-pareja 1), SXPGN2N4 (sexo de la pareja-pareja 2), SXPGN3N4 (sexo de la pareja-pareja 3), SXPGN4N4 (sexo de la pareja-pareja 4), SXPGN5N4 (sexo de la pareja-pareja 5): ***<u>Sáltese la serie de preguntas si el entrevistado se niega a dar el nombre de la pareja</u>:*** *Si SX_TOTN4 = 2 Y el entrevistado dio el nombre de la pareja 2 (SX_NM2N4 no equivale a 7), salte a las instrucciones para el entrevistador antes de SXPGN2N4 (sexo de la pareja-pareja 2). Si el entrevistado se negó a dar el nombre de la pareja 2 (SX_NM2N4 = 7), salte a la sección de seroselección (cuadro Diga antes de SEROSRT1).* *Si SX_TOTN4 = 3 Y el entrevistado dio el nombre de la pareja 3 (SX_NM3N4 no equivale 7), salte a las instrucciones para el entrevistador antes de SXPGN3N4 (sexo de la pareja-pareja 3). Si el entrevistado se negó a dar el nombre de la pareja 3 (SX_NM3N4 = 7), salte a la sección de seroselección (cuadro Diga antes de SEROSRT1).* *Si SX_TOTN4 = 4 Y el entrevistado dio el nombre de la pareja 4 (SX_NM4N4 no equivale a 7), salte a las instrucciones para el entrevistador antes de SXPGN4N4 (sexo de la pareja-pareja 4). Si el entrevistado se negó a dar el nombre de la pareja 4 (SX_NM4N4 = 7), salte a la sección de seroselección (cuadro Diga antes de*					

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
SEROSRT1). *Si SX_TOTN4 = 5 Y el entrevistado dio el nombre de la pareja 5 (SX_NM5N4 no equivale a 7), salte a las instrucciones para el entrevistador antes de SXPGN5N4 (sexo de la pareja-pareja 5). Si el entrevistado se negó a dar el nombre de la pareja 5 (SX_NM5N4 = 7), salte a la sección de seroselección (cuadro Diga antes de SEROSRT1).* ***<u>Sáltese las preguntas del sexo de la pareja si el entrevistado solo tuvo relaciones sexuales con personas de un sexo:</u>*** *Si SXTGONN4 (solo parejas transgénero) = 1, O SXFMONN4 (solo parejas femeninas) = 1 O SXMLONN4 (solo parejas masculinas) = 1, entonces sáltese SXPGN1N4 (sexo de la pareja-pareja 1), SXPGN2N4 (sexo de la pareja-pareja 2), SXPGN3N4 (sexo de la pareja-pareja 3), SXPGN4N4 (sexo de la pareja-pareja 4), y SXPGN5N4 (sexo de la pareja-pareja 5), y pase al cuadro Diga para SXPAG1N4 (edad de la pareja-pareja 1), SXPAG2N4 (edad de la pareja-pareja 2), SXPAG3N4 (edad de la pareja-pareja 3), SXPAG4N4 (edad de la pareja-pareja 4) y SXPAG5N4 (edad de la pareja-pareja 5).* *De lo contrario, pase a SXPGN1N4 (sexo de la pareja 1) cuando responda la serie de preguntas sobre la pareja 1, SXPGN2N4 (sexo de la pareja-pareja 2) cuando responda la serie de preguntas sobre la pareja 2, SXPGN3N4 (sexo de la pareja-pareja 3) cuando responda la serie de preguntas sobre la pareja 3, SXPGN4N4 (sexo de la pareja-pareja 4) cuando responda la serie de preguntas sobre la pareja 4 o SXPGN5N4 (sexo de la pareja-pareja 5) cuando responda la serie de preguntas sobre la pareja 5.*					
SP.1.0. ¿Es ***[INSERTE NOMBRE DE LA PAREJA]*** hombre, mujer o transgénero? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].***	*[SXPGN1N4]*	*[SXPGN2N4]*	*[SXPGN3N4]*	*[SXPGN4N4]*	*[SXPGN5N4]*
Hombre 1	1	1	1	1	1
Mujer 2	2	2	2	2	2
Transgénero 3	3	3	3	3	3
Se negó a contestar 7	7	7	7	7	7
No sabe 8	8	8	8	8	8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
	Si la respuesta es 1, 2, 3, 7 u 8, pase a SXPAG1N4 (edad de la pareja 1).	*Si la respuesta es 1, 2, 3, 7 u 8, pase a SXPAG2N4 (edad de la pareja 2).*	*Si la respuesta es 1, 2, 3, 4 o 7, pase a SXPAG3N4 (edad de la pareja 3).*	*Si la respuesta es 1, 2, 3, 4 o 7, pase a SXPAG4N4 (edad de la pareja 4).*	*Si la respuesta es 1, 2, 3, 4 o 7, pase a SXPAG5N4 (edad de la pareja 5).*
QDS programming note for SXPGN1N4 (partner gender-partner 1), SXPGN2N4 (partner gender-partner 2), SXPGN3N4 (partner gender-partner 3), SXPGN4N4 (partner gender-partner 4), and SXPGN5N4 (partner gender-partner 5): Variable label for SXPGN1N4 is partner gender-partner 1. Variable label for SXPGN2N4 is partner gender-partner 2. Variable label for SXPGN3N4 is partner gender-partner 3. Variable label for SXPGN4N4 is partner gender-partner 4. Variable label for SXPGN5N4 is partner gender-partner 5. Inconsistency check for SXPGN1N4 [partner gender] If SX_GEN = 2 (female) and [SXPGN1N4] or [SXPGN2N4] or [SXPGN3N4] or [SXPGN41N4] or [SXPGN5N4] is female, display the following message: "Solo incluya parejas con quienes usted haya tenido relaciones sexuales vaginales o anales. Al responder estas preguntas, recuerde que relaciones sexuales vaginales quiere decir el pene en la vagina y relaciones sexuales anales quiere decir el pene en el ano. Instrucciones para el entrevistador: Regrese a la pregunta anterior si fuera necesario." Allow survey to move forward. Else, go to Say Box before SXPAG1N4 [partner1 age] for partner 1, SXPAG2N4 [partner 2 age] for partner 2, SXPAG3N4 [partner 3 age] for partner 3, SXPAG4N4 [partner 4 age] for partner 4, SXPAG5N4 [partner 5 age] for partner 5.					
Cuadro DIGA para SXPAG1N4 (edad de la pareja 1), SXPAG2N4 (edad de la pareja 2), SXPAG3N4 (edad de la pareja 3), SXPAG4N4 (edad de la pareja 4) y SXPAG5N4 (edad de la pareja 5) *DIGA: "Para la siguiente pregunta usaremos la **Tarjeta de respuesta K-1.**"*					
SP.2.0. ¿Cuál de los siguientes grupos de edad describe mejor a ***[INSERTE EL NOMBRE DE LA PAREJA]***? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ≤24 años de edad 1	*[SXPAG1N4]* 1	*[SXPAG2N4]* 1	*[SXPAG3N4]* 1	*[SXPAG4N4]* 1	*[SXPAG5N4]* 1

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Preguntas		Parejas sexuales				
		Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
25-29 años de edad	2	2	2	2	2	2
30-34 años de edad	3	3	3	3	3	3
35-39 años de edad	4	4	4	4	4	4
40-44 años de edad	5	5	5	5	5	5
45-49 años de edad	6	6	6	6	6	6
>=50 años de edad	7	7	7	7	7	7
Se negó a contestar	77	77	77	77	77	77
No sabe	88	88	88	88	88	88
		Para todas las respuestas, pase al cuadro Diga antes de SXPEN1N4 (grupo étnico de la pareja 1).	*Para todas las respuestas, pase a SXPEN2N4 (grupo étnico de la pareja 2).*	*Para todas las respuestas, pase a SXPEN3N4 (grupo étnico de la pareja 3).*	*Para todas las respuestas, pase a SXPEN4N4 (grupo étnico de la pareja 4).*	*Para todas las respuestas, pase a SXPEN5N4 (grupo étnico de la pareja 5).*

QDS programming note for SXPAG1N4 (partner age-partner 1), SXPAG2N4 (partner age-partner 2), SXPAG3N4 (partner age-partner 3), SXPAG4N4 (partner age-partner 4), and SXPAG5N4 (partner age-partner 5):
Variable label for SXPAG1N4 is partner age-partner 1.
Variable label for SXPAG2N4 is partner age-partner 2.
Variable label for SXPAG3N4 is partner age-partner 3.
Variable label for SXPAG4N4 is partner age-partner 4.
Variable label for SXPAG5N4 is partner age-partner 5.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	**Parejas sexuales**				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
DIGA: "Las dos preguntas siguientes son acerca de la raza y el grupo étnico de la pareja. Las hacemos para saber más sobre la salud de todos los grupos".					
SP.3.0. ¿Es ***[INSERTE EL NOMBRE DE LA PAREJA]*** de origen hispano, latino o español? Si no está seguro, dígame lo que más le parezca.	*[SXPEN1N4]*	*[SXPEN2N4]*	*[SXPEN3N4]*	*[SXPEN4N4]*	*[SXPEN5N4]*
No 0	0	0	0	0	0
Sí 1	1	1	1	1	1
Se negó a contestar 7	7	7	7	7	7
No sabe 8	8	8	8	8	8
	Para todas las respuestas, pase a SXPR1N4 (raza de la pareja 1).	*Para todas las respuestas, pase a SXPR2N4 (raza de la pareja 2).*	*Para todas las respuestas, pase a SXPR3N4 (raza de la pareja 3).*	*Para todas las respuestas, pase a SXPR4N4 (raza de la pareja 4).*	*Para todas las respuestas, pase a SXPR5N4 (raza de la pareja 5).*
QDS programming note for SXPEN1N4 (partner ethnicity-partner 1), SXPEN2N4 (partner ethnicity-partner 2), SXPEN3N4 (partner ethnicity-partner 3), SXPEN4N4 (partner ethnicity-partner 4), and SXPEN5N4 (partner ethnicity-partner 5): Variable label for SXPEN1N4 is partner ethnicity-partner 1. Variable label for SXPEN2N4 is partner ethnicity-partner 2. Variable label for SXPEN3N4 is partner ethnicity-partner 3. Variable label for SXPEN4N4 is partner ethnicity-partner 4. Variable label for SXPEN5N4 is partner ethnicity-partner 5.					
SP.4.0. ¿Cuál de los siguientes grupos raciales describe mejor	*[SXPR1N4]*	*[SXPR2N4]*	*[SXPR3N4]*	*[SXPR4N4]*	*[SXPR5N4]*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
a ***[INSERTE EL NOMBRE DE LA PAREJA]***? Por favor marque todas las respuestas que correspondan. Si no está seguro, dígame lo que más le parezca. ***[LEA LAS OPCIONES. MARQUE TODAS LAS QUE CORRESPONDAN].***					
Indoamericano o nativo de Alaska 1	1 *[SXPR1N4A]*	1 *[SXPR2N4A]*	1 *[SXPR3N4A]*	1 *[SXPR4N4A]*	1 *[SXPR5N4A]*
Asiático 2	2 *[SXPR1N4B]*	2 *[SXPR2N4B]*	2 *[SXPR3N4B]*	2 *[SXPR4N4B]*	2 *[SXPR5N4B]*
Negro o afroamericano 3	3 *[SXPR1N4C]*	3 *[SXPR2N4C]*	3 *[SXPR3N4C]*	3 *[SXPR4N4C]*	3 *[SXPR5N4C]*
Nativo de Hawái o de otras islas del Pacífico 4	4 *[SXPR1N4D]*	4 *[SXPR2N4D]*	4 *[SXPR3N4D]*	4 *[SXPR4N4D]*	4 *[SXPR5N4D]*
Blanco 5	5 *[SXPR1N4E]*	5 *[SXPR2N4E]*	5 *[SXPR3N4E]*	5 *[SXPR4N4E]*	5 *[SXPR5N4E]*
Se negó a contestar 7	7	7	7	7	7
No sabe 8	8	8	8	8	8
	Para todas las respuestas, pase a SXPCM1N4	*Para todas las respuestas, pase a SXPCM2N4*	*Para todas las respuestas, pase a SXPCM3N4*	*Para todas las respuestas, pase a SXPCM4N4*	*Para todas las respuestas, pase a SXPCM5N4*

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Preguntas	**Parejas sexuales**				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
	(pareja de relación seria 1).	*(pareja de relación seria 2).*	*(pareja de relación seria 3).*	*(pareja de relación seria 4).*	*(pareja de relación seria 5).*
QDS programming note for SXPRC1N4 (race-partner 1), SXPRC2N4 (race-partner 2), SXPRC3N4 (race-partner 3), SXPRC4N4 (race-partner 4), and SXPRC5N4 (race -partner 5): Variable label for SXPRC1N4 is race-partner 1. Variable label for SXPRC2N4 is race-partner 2. Variable label for SXPRC3N4 is race-partner 3. Variable label for SXPRC4N4 is race-partner 4. Variable label for SXPRC5N4 is race-partner 5.					
SP.5.0. ¿Cómo describiría usted el grado de seriedad de su relación con ***[INSERTE EL NOMBRE DE LA PAREJA]***? Usted… ***[LEA LAS OPCIONES. MARQUE SOLO UNA].***	*[SXPCM1N4]*	*[SXPCM2N4]*	*[SXPCM3N4]*	*[SXPCM4N4]*	*[SXPCM5N4]*
No es seria en lo absoluto 1	1	1	1	1	1
Es algo seria 2	2	2	2	2	2
Es muy seria 3	3	3	3	3	3
Es muy seria solo con esta persona 4	4	4	4	4	4
Se negó a contestar 7	7	7	7	7	7
No sabe 8	8	8	8	8	8
	Para todas las respuestas, pase a las	*Para todas las respuestas, pase a las*	*Para todas las respuestas, pase a las*	*Para todas las respuestas, pase a las*	*Para todas las respuestas, pase a las*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	**Parejas sexuales**				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
	instrucciones para el entrevistador antes de SX_VS1N4 (relaciones sexuales vaginales-pareja 1).	*instrucciones para el entrevistador antes de SX_VS2N4 (relaciones sexuales vaginales-pareja 2).*	*instrucciones para el entrevistador antes de SX_VS3N4 (relaciones sexuales vaginales-pareja 3).*	*instrucciones para el entrevistador antes de SX_VS4N4 (relaciones sexuales vaginales-pareja 4).*	*instrucciones para el entrevistador antes de SX_VS5N4 (relaciones sexuales vaginales-pareja 5).*
QDS programming note for SXPCM1N4 (commitment-partner 1), SXPCM2N4 (commitment-partner 2), SXPCM3N4 (commitment-partner 3), SXPCM4N4 (commitment-partner 4), and SXPCM5N4 (commitment-partner 5): Variable label for SXPCM1N4 is commitment-partner 1. Variable label for SXPCM2N4 is commitment-partner 2. Variable label for SXPCM3N4 is commitment-partner 3. Variable label for SXPCM4N4 is commitment-partner 4. Variable label for SXPCM5N4 is commitment-partner 5.					

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Relaciones sexuales Vaginales (SV)

Preguntas	**Parejas sexuales**				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
Instructions for vaginal sex partner-by-partner series table: The questions and response options are in the far left column of the table. Each question is asked for partners 1–5. Partners 1-5 are labeled in columns Partner 1, Partner 2, Partner 3, Partner 4, and Partner 5. All Partner 1 questions are asked before moving to Partner 2 questions. Detailed instructions are provided in each table cell. When question instructions say "inserte el nombre de la pareja," and the variable is in the Partner 1 column, then insert response from SX_NM1N4 (name of partner 1). When question instructions say "inserte el nombre de la pareja," and variable is in the Partner 2 column, insert response to SX_NM2N4 (name of partner 2). When question instructions say "inserte el nombre de la pareja," and variable is in the same column as Partner 3, insert response to SX_NM3N4 (name of partner 3). When question instructions say "inserte el nombre de la pareja," and variable is in the same column as Partner 4, insert response to SX_NM4N4 (name of partner 4). When question instructions say "inserte el nombre de la pareja," and variable is in the same column as Partner 5, insert response to SX_NM5N4 (name of partner 5).					
Instrucciones para el entrevistador antes de SX_VS1N4 (pareja de relaciones sexuales vaginales 1), SX_VS2N4 (pareja de relaciones sexuales vaginales 2), SX_VS3N4 (pareja de relaciones sexuales vaginales 3), SX_VS4N4 (pareja de relaciones sexuales vaginales 4) y SX_VS5N4 (pareja de relaciones sexuales vaginales 5): ***Entrevistado transgénero/de sexo desconocido****: Si el entrevistado es transgénero (SX_GEN=3) o se desconoce el sexo (SX_GEN=4), salte a la tabla de series de preguntas y respuestas sobre el entrevistado trangénero y de sexo desconocido y sus parejas, pareja por pareja (SX_TG1N4 [transgénero pareja 1], SX_TG2N4 [transgénero pareja 2], SX_TG3N4 [transgénero pareja 3], SX_TG4N4 [transgénero pareja 4], or SX_TG5N4 [transgénero pareja 5]).* ***Pareja transgénero/de sexo desconocido:*** *Si la pareja o parejas del entrevistado son transgénero [Si SXTGONN4 = 1 (solo tiene pareja transgénero) O (SXPGN1N4 (sexo de la pareja-pareja 1), SXPGN2N4 (sexo de la pareja-pareja 2), SXPGN3N4 (sexo de la pareja-pareja 3), SXPGN4N4 (sexo de la pareja-pareja 4), SXPGN5N4 (sexo de la pareja-pareja 5) = 3, no sabe o se negó a contestar], entonces salte a la tabla de series de preguntas y respuestas sobre el entrevistado transgénero y de sexo desconocido y sus parejas, pareja por pareja (SX_TG1N4 [transgénero pareja 1], SX_TG2N4 [transgénero pareja 2], SX_TG3N4 [transgénero pareja 3], SX_TG4N4 [transgénero pareja 4], o SX_TG5N4 [transgénero pareja 5]).*					

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	**Parejas sexuales**				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
Entrevistado hombre con parejas masculinas*: Si el entrevistado es hombre (SX_GEN=1) y dice que solo tiene parejas masculinas (SXMLONN4 = 1), salte a la tabla de series de preguntas y respuestas sobre relaciones sexuales anales con parejas, pareja por pareja (SXANL1N4 [relaciones sexuales anales-pareja 1], SXANL2N4 [relaciones sexuales anales-pareja 2], SXANL3N4 [relaciones sexuales anales-pareja 3], SXANL4N4 [relaciones sexuales anales-pareja 4] o SXANL5N4 [relaciones sexuales anales-pareja 5]).* ***Entrevistada mujer con pareja femenina:*** *Si la entrevistada es mujer (SX_GEN=2) y* SX_TOTN4 = 1, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si 2 ≤* SX_TOTN4 ≤ 5, *salte a instrucciones para el entrevistador antes de SXPGN2N4 (sexo de la pareja-pareja 2), SXPGN3N4 (sexo de la pareja-pareja 3), SXPGN4N4 (sexo de la pareja-pareja 4), o SXPGN5N4 (sexo de la pareja-pareja 5). Si* SX_TOTN4 ≥ 6, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1).* ***De lo contrario****, pase a la tabla de series de preguntas y respuestas sobre relaciones sexuales vaginales con parejas, pareja por pareja (SX_VS1N4 [relaciones sexuales vaginales-pareja 1], SX_VS2N4 [relaciones sexuales vaginales-pareja 2], SX_VS3N4 [relaciones sexuales vaginales-pareja 3], SX_VS4N4 [relaciones sexuales vaginales-pareja 4], o SX_VS5N4 [relaciones sexuales vaginales-pareja 5]).*					
SV.1.0. En los **últimos 12 meses**, ¿usted tuvo relaciones sexuales vaginales con ***[INSERTE EL NOMBRE DE LA PAREJA]***?	*[SX_VS1N4]*	*[SX_VS2N4]*	*[SX_VS3N4]*	*[SX_VS4N4]*	*[SX_VS5N4]*
No 0	0 *Salte a SXANL1N4 (relaciones sexuales anales-pareja 1)*	0 *Salte a SXANL2N4 (relaciones sexuales anales-pareja 2)*	0 *Salte a SXANL3N4 (relaciones sexuales anales-pareja 3)*	0 *Salte a SXANL4N4 (relaciones sexuales anales-pareja 4)*	0 *Salte a SXANL5N4 (relaciones sexuales anales-pareja 5)*
Sí 1	1 *Pase a SV10_1N4 (relaciones sexuales vaginales10-pareja 1)*	1 *Pase a SV10_2N4 (relaciones sexuales vaginales10-pareja 2)*	1 *Pase a SV10_3N4 (relaciones sexuales vaginales10-pareja 3)*	1 *Pase a SV10_4N4 (relaciones sexuales vaginales10-pareja 4)*	1 *Pase a SV10_5N4 (relaciones sexuales vaginales10-pareja 5)*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
Se negó a contestar 7	7 *Salte a SXANL1N4 (relaciones sexuales anales-pareja 1)*	7 *Salte a SXANL2N4 (relaciones sexuales anales-pareja 2)*	7 *Salte a SXANL3N4 (relaciones sexuales anales-pareja 3)*	7 *Salte a SXANL4N4 (relaciones sexuales anales-pareja 4)*	7 *Salte a SXANL5N4 (relaciones sexuales anales-pareja 5)*
No sabe 8	8 *Salte a SXANL1N4 (relaciones sexuales anales-pareja 1)*	8 *Salte a SXANL2N4 (relaciones sexuales anales-pareja 2)*	8 *Salte a SXANL3N4 (relaciones sexuales anales-pareja 3)*	8 *Salte a SXANL4N4 (relaciones sexuales anales-pareja 4)*	8 *Salte a SXANL5N4 (relaciones sexuales anales-pareja 5)*
QDS programming note for SX_VS1N4 (vaginal sex-partner 1), SX_VS2N4 (vaginal sex-partner 2), SX_VS3N4 (vaginal sex-partner 3), SX_VS4N4 (vaginal sex-partner 4), SX_VS5N4 (vaginal sex-partner 5): Variable label for SX_VS1N4 is vaginal sex-partner 1. Variable label for SX_VS2N4 is vaginal sex-partner 2. Variable label for SX_VS3N4 is vaginal sex-partner 3. Variable label for SX_VS4N4 is vaginal sex-partner 4. Variable label for SX_VS5N4 is vaginal sex-partner 5.					
SV.1.1. En los **últimos 12 meses**, ¿usted tuvo relaciones sexuales vaginales con ***[INSERTE EL NOMBRE DE LA PAREJA]*** más de 10 veces? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].***	*[SV10_1N4]*	*[SV10_2N4]*	*[SV10_3N4]*	*[SV10_4N4]*	*[SV10__5N4]*
No 0	0 *Pase a SXVEN1N4 (cantidad de veces de*	0 *Pase a SXVEN2N4 (cantidad de veces de*	0 *Pase a SXVEN3N4 (cantidad de veces de*	0 *Pase a SXVEN4N4 (cantidad de veces de*	0 *Pase a SXVEN5N4 (cantidad de veces de*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas		**Parejas sexuales**				
		Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
		relaciones sexuales vaginales-pareja 1).	*relaciones sexuales vaginales-pareja 2).*	*relaciones sexuales vaginales-pareja 3).*	*relaciones sexuales vaginales-pareja 4).*	*relaciones sexuales vaginales-pareja 5).*
Sí	1	1 *Salte a SXANV1N4 (cantidad promedio de relaciones sexuales vaginales-pareja 1).*	1 *Salte a SXANV2N4 (cantidad promedio de relaciones sexuales vaginales-pareja 2).*	1 *Salte a SXANV3N4 (cantidad promedio de relaciones sexuales vaginales-pareja 3).*	1 *Salte a SXANV4N4 (cantidad promedio de relaciones sexuales vaginales-pareja 4).*	1 *Salte a SXANV5N4 (cantidad promedio de relaciones sexuales vaginales-pareja 5).*
Se negó a contestar	7	7 *Salte a SXANL1N4 (relaciones sexuales anales-pareja 1)*	7 *Salte a SXANL2N4 (relaciones sexuales anales-pareja 2)*	7 *Salte a SXANL3N4 (relaciones sexuales anales-pareja 3)*	7 *Salte a SXANL4N4 (relaciones sexuales anales-pareja 4)*	7 *Salte a SXANL5N4 (relaciones sexuales anales-pareja 5)*
No sabe	8	8 *Salte a SXANL1N4 (relaciones sexuales anales-pareja 1)*	8 *Salte a SXANL2N4 (relaciones sexuales anales-pareja 2)*	8 *Salte a SXANL3N4 (relaciones sexuales anales-pareja 3)*	8 *Salte a SXANL4N4 (relaciones sexuales anales-pareja 4)*	8 *Salte a SXANL5N4 (relaciones sexuales anales-pareja 5)*

QDS programming note for SV10_1N4 (vaginal 10-partner 1), SV10+2N4 (vaginal 10-partner 2), SV10_3N4 (vaginal 10-partner 3), SV10_4N4 (vaginal 10-partner 4), SV10_5N4 (vaginal 10-partner 5):
Variable label for SV10_1N4 is vaginal 10-partner 1.
Variable label for SV10_2N4 is vaginal 10-partner 2.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	**Parejas sexuales**				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
Variable label for SV10_3N4 is vaginal 10-partner 3. Variable label for SV10_4N4 is vaginal 10-partner 4. Variable label for SV10_5N4 is vaginal 10-partner 5.					
SV.1.2. En los **últimos 12 meses**, por favor dígame el número exacto de veces que tuvo relaciones sexuales <u>vaginales</u> con ***[INSERTE EL NOMBRE DE LA PAREJA]*** __ __	*[SXVEN1N4]* __ __	*[SXVEN2N4]* __ __	*[SXVEN3N4]* __ __	*[SXVEN4N4]* __ __	*[SXVEN5N4]* __ __
	Salte al cuadro Diga antes de SXVC1AN4 (relaciones sexuales vaginales con condón-pareja 1a).	*Salte a instrucciones antes de SXVC2AN4 (relaciones sexuales vaginales con condón-pareja 2a).*	*Salte a instrucciones antes de SXVC3AN4 (relaciones sexuales vaginales con condón-pareja 3a).*	*Salte a instrucciones antes de SXVC4AN4 (relaciones sexuales vaginales con condón-pareja 4a).*	*Salte a instrucciones antes de SXVC5AN4 (relaciones sexuales vaginales con condón-pareja 5a).*
Se negó a contestar 77	77 *Salte a SXANL1N4 (relaciones sexuales anales-pareja 1)*	77 *Salte a SXANL2N4 (relaciones sexuales anales-pareja 2)*	77 *Salte a SXANL3N4 (relaciones sexuales anales-pareja 3)*	77 *Salte a SXANL4N4 (relaciones sexuales anales-pareja 4)*	77 *Salte a SXANL5N4 (relaciones sexuales anales-pareja 5)*
No sabe 88	88 *Salte a SXANL1N4 (relaciones sexuales anales-*	88 *Salte a SXANL2N4 (relaciones sexuales anales-*	88 *Salte a SXANL3N4 (relaciones sexuales anales-*	88 *Salte a SXANL4N4 (relaciones sexuales anales-*	88 *Salte a SXANL5N4 (relaciones sexuales anales-*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
	pareja 1)	*pareja 2)*	*pareja 3)*	*pareja 4)*	*pareja 5)*
QDS programming note for SXVEN1N4 (times vaginal sex-partner 1), SXVEN2N4 (times vaginal sex-partner 2), SXVEN3N4 (times vaginal sex-partner 3), SXVEN4N4 (times vaginal sex-partner 4), and SXVEN5N4 (times vaginal sex-partner 5): Range 1–10. If response to SXVEN1N4 (times vaginal sex-partner 1), SXVEN2N4 (times vaginal sex-partner 2), SXVEN3N4 (times vaginal sex-partner 3), SXVEN4N4 (times vaginal sex-partner 4), and SXVEN5N4 (times vaginal sex-partner 5) is out of range, display the following message: "El número es muy alto (si >10) o muy bajo (si = 0)" Confirme la respuesta y si es necesario regrese a la pregunta anterior." Variable label for SXVEN1N4 is times vaginal sex-partner 1. Variable label for SXVEN2N4 is times vaginal sex-partner 2. Variable label for SXVEN3N4 is times vaginal sex-partner 3. Variable label for SXVEN4N4 is times vaginal sex-partner 4. Variable label for SXVEN5N4 is times vaginal sex-partner 5.					
SV.1.3. En promedio, ¿cuántas veces tuvo relaciones sexuales <u>vaginales</u> con ***[INSERTE EL NOMBRE DE LA PAREJA]*** al mes? ___ ___	*[SXANV1N4]* ___ ___	*[SXANV2N4]* ___ ___	*[SXANV3N4]* ___ ___	*[SXANV4N4]* ___ ___	*[SXANV5N4]* ___ ___
	Pase a SXMVG1N4 (relaciones sexuales vaginales mensuales-pareja 1).	*Pase a SXMVG2N4 (relaciones sexuales vaginales mensuales-pareja 2).*	*Pase a SXMVG3N4 (relaciones sexuales vaginales mensuales-pareja 3).*	*Pase a SXMVG4N4 (relaciones sexuales vaginales mensuales-pareja 4).*	*Pase a SXMVG5N4 (relaciones sexuales vaginales mensuales-pareja 5).*
Se negó a contestar 777	777	777	777	777	777
	Pase a SXMVG1N4 (relaciones	*Pase a SXMVG2N4 (relaciones*	*Pase a SXMVG3N4 (relaciones*	*Pase a SXMVG4N4 (relaciones*	*Pase a SXMVG5N4 (relaciones*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
	sexuales vaginales mensuales-pareja 1).	*sexuales vaginales mensuales-pareja 2).*	*sexuales vaginales mensuales-pareja 3).*	*sexuales vaginales mensuales-pareja 4).*	*sexuales vaginales mensuales-pareja 5).*
No sabe 888	888	888	888	888	888
	Pase a SXMVG1N4 (relaciones sexuales vaginales mensuales-pareja 1).	*Pase a SXMVG2N4 (relaciones sexuales vaginales mensuales-pareja 2).*	*Pase a SXMVG3N4 (relaciones sexuales vaginales mensuales-pareja 3).*	*Pase a SXMVG4N4 (relaciones sexuales vaginales mensuales-pareja 4).*	*Pase a SXMVG5N4 (relaciones sexuales vaginales mensuales-pareja 5).*
QDS programming note for SXANV1N4 (average number vaginal-partner 1), SXANV2N4 (average number vaginal-partner 2), SXANV3N4 (average number vaginal-partner 3), SXANV4N4 (average number vaginal-partner 4), and SXANV5N4 (average number vaginal-partner 5): Range 1–90. Variable label for SXANV1N4 is average number vaginal-partner 1. Variable label for SXANV2N4 is average number vaginal-partner 2. Variable label for SXANV3N4 is average number vaginal-partner 3. Variable label for SXANV4N4 is average number vaginal-partner 4. Variable label for SXANV5N4 is average number vaginal-partner 5.					
SV.1.4. En los **últimos 12 meses**, ¿por cuántos meses usted tuvo relaciones sexuales <u>vaginales</u> con ***[INSERTE EL NOMBRE DE LA PAREJA]***?	*[SXMVG1N4]*	*[SXMVG2N4]*	*[SXMVG3N4]*	*[SXMVG4N4]*	*[SXMVG5N4]*
___ ___ meses	___ ___	___ ___	___ ___	___ ___	___ ___
Se negó a contestar 77	77	77	77	77	77
No sabe 88	88	88	88	88	88

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
	Para todas las respuestas, salte al cuadro Diga antes de SXVC1AN4 (relaciones sexuales vaginales con condón-pareja 1a).	*Para todas las respuestas, salte a instrucciones antes de SXVC2AN4 (relaciones sexuales vaginales con condón-pareja 2a).*	*Para todas las respuestas, salte a instrucciones antes de SXVC3AN4 (relaciones sexuales vaginales con condón-pareja 3a).*	*Para todas las respuestas, salte a instrucciones antes de SXVC4AN4 (relaciones sexuales vaginales con condón-pareja 4a).*	*Para todas las respuestas, salte a instrucciones antes de SXVC5AN4 (relaciones sexuales vaginales con condón-pareja 5a).*

QDS programming note for SXMVG1N4 (months vaginal sex-partner 1), SXMVG2N4 (months vaginal sex-partner 2), SXMVG3N4 (months vaginal sex-partner 3), SXMVG4N4 (months vaginal sex-partner 4), and SXMVG5N4 (months vaginal sex-partner 5):
Range 1–12.

Variable label for SXMVG1N4 is months vaginal sex-partner 1.
Variable label for SXMVG2N4 is months vaginal sex-partner 2.
Variable label for SXMVG3N4 is months vaginal sex-partner 3.
Variable label for SXMVG4N4 is months vaginal sex-partner 4.
Variable label for SXMVG5N4 is months vaginal sex-partner 5.

Salte al cuadro Diga antes de SXVC1AN4 (relaciones sexuales vaginales con condón-pareja 1a): DIGA "La siguiente pregunta tiene que ver con el uso del condón. Por favor incluya las veces en que se usó un condón todo el tiempo, no solo parte del tiempo durante las relaciones sexuales".

Instrucciones para el entrevistador antes de SXVC1AN4 (relaciones sexuales vaginales con condón-pareja 1a), SXVC2AN4 (relaciones sexuales vaginales con condón-pareja 2a), SXVC3AN4 (relaciones sexuales vaginales con condón-pareja 3a), SXVC4AN4 (relaciones sexuales vaginales con condón-pareja 4a), SXVC5AN4 (relaciones sexuales vaginales con condón-pareja 5a):
Si SXVEN1N4 (cantidad de veces de relaciones sexuales vaginales-pareja 1) = 1, pase a SXVC1AN4 (relaciones sexuales vaginales con condón-pareja 1a); de lo contrario, salte a SXVC1BN4 (relaciones sexuales vaginales con condón-pareja 1b).

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
Si SXVEN2N4 (cantidad de veces de relaciones sexuales vaginales-pareja 2) = 1, pase a SXVC2AN4 (relaciones sexuales vaginales con condón-pareja 2a); de lo contrario, salte a SXVC2BN4 (relaciones sexuales vaginales con condón-pareja 2b). *Si SXVEN3N4 (cantidad de veces de relaciones sexuales vaginales-pareja 3) = 1, pase a SXVC3AN4 (relaciones sexuales vaginales con condón-pareja 3a); de lo contrario, salte a SXVC3BN4 (relaciones sexuales vaginales con condón-pareja 3b).* *Si SXVEN4N4 (cantidad de veces de relaciones sexuales vaginales-pareja 4) = 1, pase a SXVC4AN4 (relaciones sexuales vaginales con condón-pareja 4a); de lo contrario, salte a SXVC4BN4 (relaciones sexuales vaginales con condón-pareja 4b).* *Si SXVEN5N4 (cantidad de veces de relaciones sexuales vaginales-pareja 5) = 1, pase a SXVC5AN4 (relaciones sexuales vaginales con condón-pareja 5a); de lo contrario, salte a SXVC4BN4 (relaciones sexuales vaginales con condón-pareja 4b).*					
SV.1.5.a. En los **últimos 12 meses**, cuando usted tuvo relaciones sexuales <u>vaginales</u> con ***[INSERTE EL NOMBRE DE LA PAREJA]*** ¿se usó un condón?	*[SXVC1AN4]*	*[SXVC2AN4]*	*[SXVC3AN4]*	*[SXVC4AN4]*	*[SXVC5AN4]*
No 0	0	0	0	0	0
Sí 1	1	1	1	1	1
Se negó a contestar 7	7	7	7	7	7
No sabe 8	8	8	8	8	8
	Para todas las respuestas, salte a SXANL1N4	*Para todas las respuestas, salte a SXANL2N4*	*Para todas las respuestas, salte a SXANL3N4*	*Para todas las respuestas, salte a SXANL4N4*	*Para todas las respuestas, salte a SXANL5N4*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
	(relaciones sexuales anales-pareja 1).	*(relaciones sexuales-pareja 2).*	*(relaciones sexuales anales-pareja 3).*	*(relaciones sexuales anales-pareja 4).*	*(relaciones sexuales anales-pareja 5).*
QDS programming note for SXVC1AN4 (condom vaginal-partner 1a), SXVC2AN4 (condom vaginal-partner 2a), SXVC3AN4 (condom vaginal-partner 3a), SXVC4AN4 (condom vaginal-partner 4a), SXVC5AN4 (condom vaginal-partner 5a): Variable label for SXVC1AN4 is condom vaginal-partner 1a. Variable label for SXVC2AN4 is condom vaginal-partner 2a. Variable label for SXVC3AN4 is condom vaginal-partner 3a. Variable label for SXVC4AN4 is condom vaginal-partner 4a. Variable label for SXVC5AN4 is condom vaginal-partner 5a.					
SV.1.5.b. En los **últimos 12 meses**, cuando usted tuvo relaciones sexuales <u>vaginales</u> con ***[INSERTE EL NOMBRE DE LA PAREJA]*** ¿se usó un condón? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].***	*[SXVC1BN4]*	*[SXVC2BN4]*	*[SXVC3BN4]*	*[SXVC4BN4]*	*[SXVC5BN4]*
Nunca, ni una vez 1	1	1	1	1	1
Una o más veces 2	2	2	2	2	2
Absolutamente todas las veces 3	3	3	3	3	3
Se negó a contestar 7	7	7	7	7	7
No sabe 8	8	8	8	8	8
	Para todas las respuestas,	*Para todas las respuestas,*	*Para todas las respuestas,*	*Para todas las respuestas,*	*Para todas las respuestas,*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	**Parejas sexuales**				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
	salte a SXANL1N4 (relaciones sexuales anales-pareja 1).	*pase a SXANL2N4 (relaciones sexuales anales-pareja 2).*	*pase a SXANL3N4 (relaciones sexuales anales-pareja 3).*	*pase a SXANL4N4 (relaciones sexuales anales-pareja 4).*	*pase a SXANL5N4 (relaciones sexuales anales-pareja 5).*

QDS programming note for SXVC1BN4 (condom vaginal-partner 1b), SXVC2BN4 (condom vaginal-partner 2b), SXVC3BN4 (condom vaginal-partner 3b), SXVC4BN4 (condom vaginal-partner 4b), SXVC5BN4 (condom vaginal-partner 5b):

Variable label for SXVC1BN4 is condom vaginal-partner 1b.
Variable label for SXVC2BN4 is condom vaginal-partner 2b.
Variable label for SXVC3BN4 is condom vaginal-partner 3b.
Variable label for SXVC4BN4 is condom vaginal-partner 4b.
Variable label for SXVC5BN4 is condom vaginal-partner 5b.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Relaciones sexuales anales (SL)

Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
Instructions for anal partner-by-partner series table: The questions and response options are in the far left column of the table. Each question is asked for partners 1–5. Partners 1-5 are labeled in columns Partner 1, Partner 2, Partner 3, Partner 4, and Partner 5. All Partner 1 questions are asked before moving to Partner 2 questions. Detailed instructions are provided in each table cell. When question instructions say "inserte el nombre de la pareja," and the variable is in the Partner 1 column, then insert response from SX_NM1N4 (name of partner 1). When question instructions say "inserte el nombre de la pareja," and variable is in the Partner 2 column, insert response to SX_NM2N4 (name of partner 2). When question instructions say "inserte el nombre de la pareja," and variable is in the same column as Partner 3, insert response to SX_NM3N4 (name of partner 3). When question instructions say "inserte el nombre de la pareja," and variable is in the same column as Partner 4, insert response to SX_NM4N4 (name of partner 4). When question instructions say "inserte el nombre de la pareja," and variable is in the same column as Partner 5, insert response to SX_NM5N4 (name of partner 5).					
SL.1.0. En los **últimos 12 meses**, ¿usted tuvo relaciones sexuales <u>anales</u> con ***[INSERTE EL NOMBRE DE LA PAREJA]***?	*[SXANL1N4]*	*[SXANL2N4]*	*[SXANL3N4]*	*[SXANL4N4]*	*[SXANL5N4]*
No 0	0 *Salte a STATS1N4 (conoce el estado del VIH-pareja 1)*	0 *Salte a STATS2N4 (conoce el estado del VIH-pareja 2)*	0 *Salte a STATS3N4 (conoce el estado del VIH-pareja 3)*	0 *Salte a STATS4N4 (conoce el estado del VIH-pareja 4)*	0 *Salte a STATS5N4 (conoce el estado del VIH-pareja 5)*
Sí 1	1 *Pase a SA10_1N4*	1 *Pase a SA10_2N4*	1 *Pase a SA10_3N4*	1 *Pase a SA10_4N4*	1 *Pase a SA10_5N4*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
	(relaciones sexuales anales 10-pareja 1).	*(relaciones sexuales anales 10-pareja 2).*	*(relaciones sexuales anales 10-pareja 3).*	*(relaciones sexuales anales 10-pareja 4).*	*(relaciones sexuales anales 10-pareja 5).*
Se negó a contestar 7	7 *Salte a STATS1N4 (conoce el estado del VIH-pareja 1)*	7 *Salte a STATS2N4 (conoce el estado del VIH-pareja 2)*	7 *Salte a STATS3N4 (conoce el estado del VIH-pareja 3)*	7 *Salte a STATS4N4 (conoce el estado del VIH-pareja 4)*	7 *Salte a STATS5N4 (conoce el estado del VIH-pareja 5)*
No sabe 8	8 *Salte a STATS1N4 (conoce el estado del VIH-pareja 1)*	8 *Salte a STATS2N4 (conoce el estado del VIH-pareja 2)*	8 *Salte a STATS3N4 (conoce el estado del VIH-pareja 3)*	8 *Salte a STATS4N4 (conoce el estado del VIH-pareja 4)*	8 *Salte a STATS5N4 (conoce el estado del VIH-pareja 5)*

QDS programming note for SXANL1N4 (anal sex-partner 1), SXANL2N4 (anal sex-partner 2), SXANL3N4 (anal sex-partner 3), SXANL4N4 (anal sex-partner 4), SXANL5N4 (anal sex-partner 5):

Variable label for SXANL1N4 is anal sex-partner 1.
Variable label for SXANL2N4 is anal sex-partner 2.
Variable label for SXANL3N4 is anal sex-partner 3.
Variable label for SXANL4N4 is anal sex-partner 4.
Variable label for SXANL5N4 is anal sex-partner 5.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

QDS programming note for SXANL1N4 (anal sex-partner 1), SXANL2N4 (anal sex-partner 2), SXANL3N4 (anal sex-partner 3), SXANL4N4 (anal sex-partner 4), SXANL5N4 (anal sex-partner 5) continued:

No vaginal or anal sex partners reported among respondents who previously said they had vaginal or anal sex:
If SX_VS1N4 (vaginal sex-partner 1) is 0 (no) AND SXANL1N4 (anal sex-partner 1) is 0 (no), then display the following message: "Antes usted me dijo que tuvo relaciones sexuales vaginales o anales con **[INSERTE el nombre de la pareja SX_NM1N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a las preguntas anteriores para corregir el error.**" Allow program to move forward.

If SX_VS2N4 (vaginal sex-partner 2) is 0 (no) AND SXANL2N4 (anal sex-partner 2) is 0 (no), then display the following message: "Antes usted me dijo que tuvo relaciones sexuales vaginales o anales con **[INSERTE el nombre de la pareja SX_NM2N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a las preguntas anteriores para corregir el error.**" Allow program to move forward.

If SX_VS3N4 (vaginal sex-partner 3) is 0 (no) AND SXANL3N4 (anal sex-partner 3) is 0 (no), then display the following message: "Antes usted me dijo que tuvo relaciones sexuales vaginales o anales con **[INSERTE el nombre de la pareja SX_NM3N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a las preguntas anteriores para corregir el error.**" Allow program to move forward.

If SX_VS4N4 (vaginal sex-partner 4) is 0 (no) AND SXANL4N4 (anal sex-partner 4) is 0 (no), then display the following message: "Antes usted me dijo que tuvo relaciones sexuales vaginales o anales con **[INSERTE el nombre de la pareja SX_NM4N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a las preguntas anteriores para corregir el error.**" Allow program to move forward.

If SX_VS5N4 (vaginal sex-partner 5) is 0 (no) AND SXANL5N4 (anal sex-partner 1) is 0 (no), then display the following message: "Antes usted me dijo que tuvo relaciones sexuales vaginales o anales con **[INSERTE el nombre de la pareja SX_NM5N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a las preguntas anteriores para corregir el error.**" Allow program to move forward.

QDS programming note for SXANL1N4 (anal sex-partner 1), SXANL2N4 (anal sex-partner 2), SXANL3N4 (anal sex-partner 3), SXANL4N4 (anal sex-partner 4), SXANL5N4 (anal sex-partner 5) continued:

No anal sex partners reported among male respondents who previously said they had only male partners:
If SX_GEN (sex gender) = 1 (male) and (If SXPGN1N4 = 1 OR SXMLONN4 (male only partners) = 1) and SXANL1N4 (anal sex-partner 1) is 0 (no), then display the following message: "Antes usted me dijo que tuvo relaciones sexuales vaginales o anales con **[INSERTE el nombre de la pareja SX_NM1N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a las preguntas anteriores para corregir el error.**" Allow

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
program to move forward. If SX_GEN (sex gender) = 1 (male) and (If SXPGN2N4 = 1 OR SXMLONN4 (male only partners) = 1) and SXANL2N4 (anal sex-partner 2) is 0 (no), then display the following message: "Antes usted me dijo que tuvo relaciones sexuales vaginales o anales con **[INSERTE el nombre de la pareja SX_NM2N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a la pregunta anterior para corregir el error."** Allow program to move forward. If SX_GEN (sex gender) = 1 (male) and (If SXPGN3N4 = 1 OR SXMLONN4 (male only partners) = 1) and SXANL3N4 (anal sex-partner 3) is 0 (no), then display the following message: "Antes usted me dijo que tuvo relaciones sexuales vaginales o anales con **[INSERTE el nombre de la pareja SX_NM3N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a las preguntas anteriores para corregir el error.**" Allow program to move forward. If SX_GEN (sex gender) = 1 (male) and (If SXPGN4N4 = 1 OR SXMLONN4 (male only partners) = 1) and SXANL4N4 (anal sex-partner 4) is 0 (no), then display the following message: "Antes usted me dijo que tuvo relaciones sexuales vaginales o anales con **[INSERTE el nombre de la pareja SX_NM4N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a las preguntas anteriores para corregir el error.**" Allow program to move forward. If SX_GEN (sex gender) = 1 (male) and (If SXPGN5N4 = 1 OR SXMLONN4 (male only partners) = 1) and SXANL5N4 (anal sex-partner 1) is 0 (no), then display the following message: "Antes usted me dijo que tuvo relaciones sexuales vaginales o anales con **[INSERTE el nombre de la pareja SX_NM5N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a las preguntas anteriores para corregir el error.**" Allow program to move forward.					
SL.1.1. En los **últimos 12 meses**, ¿usted tuvo relaciones sexuales anales con ***[INSERTE EL NOMBRE DE LA PAREJA]*** más de 10 veces? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].***	*[SA10_1N4]*	*[SA10_2N4]*	*[SA10_3N4]*	*[SA10_4N4]*	*[SA10_5N4]*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Pregunta	**Parejas sexuales**				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
No 0	0 *Pase a SXVEN1N4 (cantidad de veces de relaciones sexuales anales-pareja 1).*	0 *Pase a SXAEN2N4 (cantidad de veces de relaciones sexuales anales-pareja 2).*	0 *Pase a SXAEN3N4 (cantidad de veces de relaciones sexuales anales-pareja 3).*	0 *Pase a SXAEN4N4 (cantidad de veces de relaciones sexuales anales-pareja 4).*	0 *Pase a SXAEN5N4 (cantidad de veces de relaciones sexuales anales-pareja 5).*
Sí 1	1 *Salte a SXANV1N4 (cantidad promedio de relaciones sexuales anales-pareja 1).*	1 *Salte a SXANA2N4 (cantidad promedio de relaciones sexuales anales-pareja 2).*	1 *Salte a SXANA3N4 (cantidad promedio de relaciones sexuales anales-pareja 3).*	1 *Salte a SXANA4N4 (cantidad promedio de relaciones sexuales anales-pareja 4).*	1 *Salte a SXANA5N4 (cantidad promedio de relaciones sexuales anales-pareja 5).*
Se negó a contestar 7	7 *Salte a STATS1N4 (conoce el estado del VIH-pareja 1)*	7 *Salte a STATS2N4 (conoce el estado del VIH-pareja 2)*	7 *Salte a STATS3N4 (conoce el estado del VIH-pareja 3)*	7 *Salte a STATS4N4 (conoce el estado del VIH-pareja 4)*	7 *Salte a STATS5N4 (conoce el estado del VIH-pareja 5)*
No sabe 8	8 *Salte a STATS1N4 (conoce el estado del VIH-pareja 1)*	8 *Salte a STATS2N4 (conoce el estado del VIH-pareja 2)*	8 *Salte a STATS3N4 (conoce el estado del VIH-pareja 3)*	8 *Salte a STATS4N4 (conoce el estado del VIH-pareja 4)*	8 *Salte a STATS5N4 (conoce-estado del VIH-pareja 5)*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
QDS programming note for SA10_1N4 (anal 10-partner 1), SA10_2N4 (anal 10-partner 2), SA10_3N4 (anal 10-partner 3), SA10_4N4 (anal 10-partner 4), SA10_5N4 (anal 10-partner 5): Variable label for SA10_1N4 is anal 10-partner 1. Variable label for SA10_2N4 is anal 10-partner 2. Variable label for SA10_3N4 is anal 10-partner 3. Variable label for SA10_4N4 is anal 10-partner 4. Variable label for SA10_5N4 is anal 10-partner 5.					
SL.1.2. En los **últimos 12 meses**, ¿por favor dígame el número exacto de veces que tuvo relaciones sexuales anales con ***[INSERTE EL NOMBRE DE LA PAREJA]***?	*[SXAEN1N4]*	*[SXAEN2N4]*	*[SXAEN3N4]*	*[SXAEN4N4]*	*[SXAEN5N4]*
__ __	__ __	__ __	__ __	__ __	__ __
	Salte a instrucciones para el entrevistador antes de SXAC1AN4 (relaciones sexuales anales con condón-pareja 1a).	*Salte a instrucciones para el entrevistador antes de SXAC2AN4 (relaciones sexuales anales con condón-pareja 2a).*	*Salte a instrucciones para el entrevistador antes de SXAC3AN4 (relaciones sexuales anales con condón-pareja 3a).*	*Salte a instrucciones para el entrevistador antes de SXAC4AN4 (relaciones sexuales anales con condón-pareja 4a).*	*Salte a instrucciones para el entrevistador antes de SXAC5AN4 (relaciones sexuales anales con condón-pareja 5a).*
Se negó a contestar 77	77	77	77	77	77
	Salte a STATS1N4 (conoce el estado del VIH-pareja 1)	*Salte a STATS2N4 (conoce el estado del VIH-pareja 2)*	*Salte a STATS3N4 (conoce el estado del VIH-pareja 3)*	*Salte a STATS4N4 (conoce el estado del VIH-pareja 4)*	*Salte a STATS5N4 (conoce el estado del VIH-pareja 5)*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
No sabe 88	88 *Salte a STATS1N4 (conoce el estado del VIH-pareja 1)*	88 *Salte a STATS2N4 (conoce el estado del VIH-pareja 2)*	88 *Salte a STATS3N4 (conoce el estado del VIH-pareja 3)*	88 *Salte a STATS4N4 (conoce el estado del VIH-pareja 4)*	88 *Salte a STATS5N4 (conoce el estado del VIH-pareja 5)*
QDS programming note for SXAEN1N4 (times anal sex-partner 1), SXAEN2N4 (times anal sex-partner 2), SXAEN3N4 (times anal sex-partner 3), SXAEN4N4 (times anal sex-partner 4), SXAEN5N4): Range 1–10. Variable label for SXAEN1N4 is times anal sex-partner 1. Variable label for SXAEN2N4 is times anal sex-partner 2. Variable label for SXAEN3N4 is times anal sex-partner 3. Variable label for SXAEN4N4 is times anal sex-partner 4. Variable label for SXAEN5N4 is times anal sex-partner 5.					
SL.1.3. En promedio, ¿cuántas veces tuvo relaciones sexuales <u>anales</u> con ***[INSERTE EL NOMBRE DE LA PAREJA]*** al mes? ___ ___	*[SXANA1N4]* ___ ___	*[SXANA2N4]* ___ ___	*[SXANA3N4]* ___ ___	*[SXANA4N4]* ___ ___	*[SXANA5N4]* ___ ___
Se negó a contestar 777	777	777	777	777	777
No sabe 888	888	888	888	888	888
	Para todas las respuestas, pase a SXMAN1N4	*Para todas las respuestas, pase a SXMAN2N4*	*Para todas las respuestas, pase a SXMAN3N4*	*Para todas las respuestas, pase a SXMAN4N4*	*Para todas las respuestas, pase a SXMAN5N4*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
	(meses de relaciones sexuales anales-pareja 1).	*(meses de relaciones sexuales anales-pareja 2).*	*(meses de relaciones sexuales anales-pareja 3).*	*(meses de relaciones sexuales anales-pareja 4).*	*(meses de relaciones sexuales anales-pareja 5).*
QDS programming SXANA1N4 (average number anal-partner1), SXANA2N4 (average number anal-partner 2), SXANA3N4 (average number anal-partner 3), SXANA4N4 (average number anal-partner 4), SXANA1N4 (average number anal-partner 5): Range 1–90. Variable label for SXANA1N4 is average number anal-partner 1. Variable label for SXANA2N4 is average number anal-partner 2. Variable label for SXANA3N4 is average number anal-partner 3. Variable label for SXANA4N4 is average number anal-partner 4. Variable label for SXANA5N4 is average number anal-partner 5.					
SL.1.4. En los **últimos 12 meses**, ¿por cuántos meses usted tuvo relaciones sexuales anales con ***[INSERTE EL NOMBRE DE LA PAREJA]***? ___ ___ meses Se negó a contestar 77 No sabe 88	*[SXMAN1N4]* ___ ___ 77 88 *Para todas las respuestas, pase a instrucciones*	*[SXMAN2N4]* ___ ___ 77 88 *Para todas las respuestas, pase a instrucciones*	*[SXMAN3N4]* ___ ___ 77 88 *Para todas las respuestas, pase a instrucciones*	*[SXMAN4N4]* ___ ___ 77 88 *Para todas las respuestas, pase a instrucciones*	*[SXMAN5N4]* ___ ___ 77 88 *Para todas las respuestas, pase a instrucciones*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
	para el entrevistador antes de SXAC1AN4 (relaciones sexuales anales con condón-pareja 1a).	*para el entrevistador antes de SXAC2AN4 (relaciones sexuales anales con condón-pareja 2a).*	*para el entrevistador antes de SXAC3AN4 (relaciones sexuales anales con condón-pareja 3a).*	*para el entrevistador antes de SXAC4AN4 (relaciones sexuales anales con condón-pareja 4a).*	*para el entrevistador antes de SXAC5AN4 (relaciones sexuales anales con condón-pareja 5a).*

QDS programming note for SXMAN1N4 (months anal sex-partner 1), SXMAN2N4 (months anal sex-partner 2), SXMAN3N4 (months anal sex-partner 3), SXMAN4N4 (months anal sex-partner 4), and SXMAN5N4 (months anal sex-partner 5):
Range 1–12.

Variable label for SXMAN1N4 is months anal sex-partner 1.
Variable label for SXMAN2N4 is months anal sex-partner 2.
Variable label for SXMAN3N4 is months anal sex-partner 3.
Variable label for SXMAN4N4 is months anal sex-partner 4.
Variable label for SXMAN5N4 is months anal sex-partner 5.

Instrucciones para el entrevistador antes de SXAC1AN4 (relaciones sexuales anales con condón-pareja 1a), SXAC2AN4 (relaciones sexuales anales con condón-pareja 2a), SXAC2AN4 (relaciones sexuales anales con condón-pareja 3a), SXAC2AN4 (relaciones sexuales anales con condón-pareja 4a), SXAC2AN4 (relaciones sexuales anales con condón-pareja 5a):

Mujer con pareja masculina #1-relaciones sexuales anales una vez*: Si la entrevistada es mujer (SX_GEN=2) Y la pareja 1 es masculina (SXPGN1N4 [sexo de la pareja-pareja 1] = 1 [masculino] o SMLONN4 [solo parejas masculinas] = 1) Y la entrevistada tuvo relaciones sexuales anales con la pareja 1 solo una vez (SXAEN1N4 [cantidad de veces de relaciones sexuales anales-pareja 1] = 1), pase al cuadro Diga antes de SXAC1AN4 (relaciones sexuales anales con condón-pareja 1a).*

Mujer con pareja masculina #1-relaciones sexuales anales más de una vez*: Si la entrevistada es mujer (SX_GEN=2) Y la pareja 1 es masculina (SXPGN1N4 [sexo de la pareja-pareja 1] = 1 [masculino] o SMLONN4*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***

[solo parejas masculinas] = 1) Y la entrevistada tuvo relaciones sexuales anales con la pareja 1 más de una vez (SXAEN1N4 [cantidad de veces de relaciones sexuales anales-pareja 1] ≥ 2) O SA10_1N4 (relaciones sexuales anales 10-pareja 1) = "sí", pase al cuadro Diga antes de SXAC1BN4 (relaciones sexuales anales con condón-pareja 1b).

Mujer con parejas masculinas #2, 3, 4, 5-relaciones sexuales anales una vez*: Si la entrevistada es mujer (SEX_GEN=2) Y las parejas 2, 3, 4 o 5 son masculinas (SXPGN2N4 [sexo de la pareja-pareja 2] = 1 [masculino], SXPGN3N4 [sexo de la pareja-pareja 3] = 1 [masculino], SXPGN4N4 [sexo de la pareja-pareja 4] = 1 [masculino], SXPGN5N4 [sexo de la pareja-pareja 5] = 1 [masculino] OR SXMLONN4 [solo parejas masculinas] = 1) Y la entrevistada tuvo relaciones sexuales anales con las parejas 2, 3, 4 o 5 solo una vez (SXAEN2N4 [cantidad de veces de relaciones sexuales anales-pareja 2] = 1, SXAEN3N4 [cantidad de veces de relaciones sexuales anales-pareja 3] = 1, SXAEN4N4 [cantidad de veces de relaciones sexuales anales-pareja 4] = 1, SXAEN5N4 [cantidad de veces de relaciones sexuales anales-pareja 5] = 1), pase a SXAC2AN4 (relaciones sexuales anales con condón-pareja 2a), SXAC3AN4 (relaciones sexuales anales con condón-pareja 3a), SXAC4AN4 (relaciones sexuales anales con condón-pareja 4a) o SXAC5AN4 (relaciones sexuales anales con condón-pareja 5a).*

Mujer con parejas masculinas #2, 3, 4, 5-relaciones sexuales anales más de una vez*: Si la entrevistada es mujer (SEX_GEN=2) Y las parejas 2, 3, 4 o 5 son masculinas (SXPGN2N4 [sexo de la pareja-pareja 2] = 1 [masculino], SXPGN3N4 [sexo de la pareja-pareja 3] = 1 [masculino], SXPGN4N4 [sexo de la pareja-pareja 4] = 1 [masculino], SXPGN5N4 [sexo de la pareja-pareja 5] = 1 [masculino] O SXMLONN4 [solo parejas masculinas] = 1) Y la entrevistada tuvo relaciones sexuales anales con las parejas 2, 3, 4 o 5 más de una vez (SXAEN2N4 [cantidad de veces de relaciones sexuales anales-pareja 2] ≥ 2, SXAEN3N4 [cantidad de veces de relaciones sexuales anales-pareja 3] ≥ 2, SXAEN4N4 [cantidad de veces de relaciones sexuales anales-pareja 4] ≥ 2, SXAEN5N4 [cantidad de veces de relaciones sexuales anales-pareja 5] ≥ 2 O SA10_2N4 (relaciones sexuales anales 10-pareja 2) = "sí", SA10_3N4 (relaciones sexuales anales 10-pareja 3) = "sí", SA10_4N4 (relaciones sexuales anales 10-pareja 4) = "sí", SA10_5N4 (relaciones sexuales anales 10-pareja 5) = "sí", pase a SXAC2BN4 (relaciones sexuales anales con condón-pareja 2b), SXAC3BN4 (relaciones sexuales anales con condón-pareja 3b), SXAC4BN4 (relaciones sexuales anales con condón-pareja 4b), SXAC5BN4 (relaciones sexuales anales con condón-pareja 5b).*

Hombre con pareja femenina #1-relaciones sexuales anales una vez*: Si el entrevistado es hombre (SX_GEN=1) y la pareja 1 es femenina (SXPGN1N4 [sexo de la pareja-pareja 1] = 2 [masculina] o SXFMONN4*

Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***

[solo parejas femeninas] = 1) Y el entrevistado tuvo relaciones sexuales anales con la pareja 1 solo una vez (SXAEN1N4 [cantidad de veces de relaciones sexuales anales-pareja 1] = 1), pase al cuadro Diga antes de SXAC1AN4 (relaciones sexuales anales con condón-pareja 1a).

Hombre con pareja femenina #1-relaciones sexuales anales más de una vez*: Si el entrevistado es hombre (SX_GEN=1) Y la pareja 1 es femenina (SXPGN1N4 [sexo de la pareja-pareja 1] = 2 [femenino] o SXFMONN4 [solo parejas femeninas] = 1) Y el entrevistado tuvo relaciones sexuales anales con la pareja 1 más de una vez (SXAEN1N4 [cantidad de veces de relaciones sexuales anales-pareja 1] ≥ 2) O SA10_1N4 (relaciones sexuales anales 10-pareja 1) = "sí", pase al cuadro Diga antes de SXAC1BN4 (relaciones sexuales anales con condón- pareja 1b).*

Hombre con parejas femeninas #2, 3, 4, 5-relaciones sexuales anales una vez*: Si el entrevistado es hombre (SEX_GEN=1) Y las parejas 2, 3, 4 o 5 son femeninas (SXPGN2N4 [sexo de la pareja-pareja 2] = 2 [femenino], SXPGN3N4 [sexo de la pareja-pareja 3] = 2 [femenino], SXPGN4N4 [sexo de la pareja-pareja 4] = 2 [femenino], SXPGN5N4 [sexo de la pareja-pareja 5] = 2 [femenino] OR SXFMONN4 [solo parejas femeninas] = 1) Y el entrevistado tuvo relaciones sexuales anales con las parejas 2, 3, 4 o 5 solo una vez (SXAEN2N4 [cantidad de veces de relaciones sexuales anales-pareja 2] = 1, SXAEN3N4 [cantidad de veces de relaciones sexuales anales-pareja 3] = 1, SXAEN4N4 [cantidad de veces de relaciones sexuales anales-pareja 4] = 1, SXAEN5N4 [cantidad de veces de relaciones sexuales anales-pareja 5] = 1), pase a SXAC2AN4 (relaciones sexuales anales con condón-pareja 2a), SXAC3AN4 (relaciones sexuales anales con condón-pareja 3a), SXAC4AN4 (relaciones sexuales anales con condón-pareja 4a), SXAC5AN4 (relaciones sexuales anales con condón-pareja 5a).*

Hombre con parejas femeninas #2, 3, 4, 5-relaciones sexuales anales más de una vez*: Si el entrevistado es hombre (SEX_GEN=1) Y las parejas 2, 3, 4 o 5 son femeninas (SXPGN2N4 [sexo de la pareja-pareja 2] = 2 [femenino], SXPGN3N4 [sexo de la pareja-pareja 3] = 2 [femenino], SXPGN4N4 [sexo de la pareja-pareja 4] = 2 [femenino], SXPGN5N4 [sexo de la pareja-pareja 5] = 2 [femenino] O SXFMONN4 [solo parejas femeninas] = 1) Y el entrevistado tuvo relaciones sexuales anales con las parejas 2, 3, 4 o 5 más de una vez (SXAEN2N4 [cantidad de veces de relaciones sexuales anales-pareja 2] ≥ 2, SXAEN3N4 [cantidad de veces de relaciones sexuales anales-pareja 3] ≥ 2, SXAEN4N4 [cantidad de veces de relaciones sexuales anales-pareja 4] ≥ 2, SXAEN5N4 [cantidad de veces de relaciones sexuales anales-pareja 5] ≥ 2 O SA10_2N4 (10 veces relaciones sexuales anales-pareja 2) = "sí", SA10_3N4 (relaciones sexuales anales 10-pareja 3) = "sí", SA10_4N4 (relaciones sexuales anales 10-pareja 4) = "sí", SA10_5N4 (relaciones sexuales anales 10-pareja 5) = "sí",*

Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
pase a SXAC2BN4 (relaciones sexuales anales con condón-pareja 2b), SXAC3BN4 (relaciones sexuales anales con condón-pareja 3b), SXAC4BN4 (relaciones sexuales anales con condón-pareja 4b), SXAC5BN4 (relaciones sexuales anales con condón-pareja 5b). ***Hombre con pareja o parejas masculinas****: Si el entrevistado es hombre (SX_GEN=1) y la pareja es masculina (SXPGN1N4 [sexo de la pareja-pareja 1] = 1, SXPGN2N4 [sexo de la pareja-pareja 2] = 1, SXPGN3N4 [sexo de la pareja-pareja 3] = 1, SXPGN4N4 [sexo de la pareja-pareja 4] = 1, SXPGN5N4 [sexo de la pareja-pareja 5] = 1 OR SXMLONN4 [solo parejas masculinas] = 1),* ***salte a instrucciones para el entrevistador*** *antes de ABTM1AN4 (relaciones sexuales anales receptivas-pareja 1a), instrucciones para el entrevistador antes de ABTM2AN4 (relaciones sexuales anales receptivas-pareja 2a), instrucciones para el entrevistador antes de ABTM3AN4 (relaciones sexuales anales receptivas-pareja 3a), instrucciones para el entrevistador antes de ABTM4AN4 (relaciones sexuales anales receptivas-pareja 4a) , instrucciones para el entrevistador antes de ABTM5AN4 (relaciones sexuales anales receptivas-pareja 5a).* *Si SA10_1N4 (relaciones sexuales anales 10-pareja 1) = Se negó a contestar o no sabe, SA10_2N4 (relaciones sexuales anales 10-pareja 2) = Se negó a contestar o no sabe, SA10_3N4 (relaciones sexuales anales 10-pareja 3) = Se negó a contestar o no sabe, SA10_4N4 (relaciones sexuales anales 10-pareja 4) = Se negó a contestar o no sabe, SA10_5N4 (relaciones sexuales anales 10-pareja 5) = Se negó a contestar o no sabe O si SXAEN1N4 (cantidad de veces de relaciones sexuales anales-pareja 1) = 0, SXAEN2N4 (cantidad de veces de relaciones sexuales anales-pareja 2) =0, SXAEN3N4 (cantidad de veces de relaciones sexuales anales-pareja 3) =0, SXAEN4N4 (cantidad de veces de relaciones sexuales anales-pareja 4) =0, SXAEN5N4 (cantidad de veces de relaciones sexuales anales-pareja 5) =0, salte a instrucciones para la tabla de series de preguntas y respuestas sobre el estado del VIH pareja por pareja: STATS1N4 (conoce el estado del VIH-pareja 1) al responder la serie de preguntas sobre la pareja 1, STATS2N4 (conoce el estado del VIH-pareja 2) al responder la serie de preguntas sobre la pareja 2, STATS3N4 (conoce el estado del VIH-pareja 3) al responder la serie de preguntas sobre la pareja 3, STATS4N4 (conoce el estado del VIH-pareja 4) al responder la serie de preguntas sobre la pareja 4, STATS5N4 (conoce el estado del VIH-pareja 5) al responder la serie de preguntas sobre la pareja 5.*				
Cuadro Diga antes de SXAC1AN4 (pareja de relaciones sexuales anales con condón 1a): DIGA: "La siguiente pregunta tiene que ver con el uso del condón. Por favor incluya las veces en que se usó un condón todo el tiempo, no solo parte del tiempo durante las relaciones sexuales".					
SL.1.5.a. En los **últimos 12**	*[SXAC1AN4]*	*[SXAC2AN4]*	*[SXAC3AN4]*	*[SXAC4AN4]*	*[SXAC5AN4]*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
meses, cuando usted tuvo relaciones sexuales anales con ***[INSERTE EL NOMBRE DE LA PAREJA]*** ¿se usó un condón?					
No 0	0	0	0	0	0
Sí 1	1	1	1	1	1
Se negó a contestar 7	7	7	7	7	7
No sabe 8	8	8	8	8	8
	Para todas las respuestas, salte a STATS1N4 (conoce el estado del VIH-pareja 1).	*Para todas las respuestas, salte a STATS2N4 (conoce el estado del VIH-pareja 2)*	*Para todas las respuestas, salte a STATS3N4 (conoce el estado del VIH-pareja 3)*	*Para todas las respuestas, salte a STATS4N4 (conoce el estado del VIH-pareja 4)*	*Para todas las respuestas, salte a STATS5N4 (conoce el estado del VIH-pareja 5)*

QDS programming note for SXAC1AN4 (condom anal-partner 1a), SXAC2AN4 (condom anal-partner 2a), SXAC3AN4 (condom anal-partner 3a), SXAC4AN4 (condom anal-partner 4a), SXAC5AN4 (condom anal-partner 5a):
Variable label for SXAC1AN4 is condom anal-partner 1a.
Variable label for SXAC2AN4 is condom anal-partner 2a.
Variable label for SXAC3AN4 is condom anal-partner 3a.
Variable label for SXAC4AN4 is condom anal-partner 4a.
Variable label for SXAC5AN4 is condom anal-partner 5a.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Cuadro Diga antes de SXAC1BN4 (relaciones sexuales anales con condón-pareja 1b), SXAC2BN4 (relaciones sexuales anales con condón-pareja 2b), SXAC3BN4 (relaciones sexuales anales con condón-pareja 3b), SXAC4BN4 (relaciones sexuales anales con condón-pareja 4b), SXAC5BN4 (relaciones sexuales anales con condón-pareja 5b):

DIGA: "La siguiente pregunta tiene que ver con el uso del condón. Por favor incluya las veces en que se usó un condón todo el tiempo, no solo parte del tiempo durante las relaciones sexuales".

SL.1.5.b. En los **últimos 12 meses**, cuando usted tuvo relaciones sexuales anales con ***[NOMBRE DE LA PAREJA]*** ¿se usó un condón?… ***[LEA LAS OPCIONES. MARQUE SOLO UNA].***		*[SXAC1BN4]*	*[SXAC2BN4]*	*[SXAC3BN4]*	*[SXAC4BN4]*	*[SXAC5BN4]*
Nunca, ni una vez	1	1	1	1	1	1
Una o más veces	2	2	2	2	2	2
Absolutamente todas las veces	3	3	3	3	3	3
Se negó a contestar	7	7	7	7	7	7
No sabe	8	8	8	8	8	8
		Para todas las respuestas, salte a STATS1N4 (conoce el estado del VIH-pareja 1)	*Para todas las respuestas, salte a STATS2N4 (conoce el estado del VIH-pareja 2)*	*Para todas las respuestas, salte a STATS3N4 (conoce el estado del VIH-pareja 3)*	*Para todas las respuestas, salte a STATS4N4 (conoce el estado del VIH-pareja 4)*	*Para todas las respuestas, salte a STATS5N4 (conoce el estado del VIH-pareja 5)*

QDS programming note for SXAC1BN4 (condom anal-partner 1b), SXAC2BN4 (condom anal-partner 2b), SXAC3BN4 (condom anal-partner 3b), SXAC4BN4 (condom anal-partner 4b), SXAC5BN4 (condom anal-partner 5b):

Variable label for SXAC1BN4 is condom anal-partner 1b.
Variable label for SXAC2BN4 is condom anal-partner 2b.
Variable label for SXAC3BN4 is condom anal-partner 3b.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
Variable label for SXAC4BN4 is condom anal-partner 4b. Variable label for SXAC5BN4 is condom anal-partner 5b.					
SL.1.6.a. En los **últimos 12 meses**, cuando usted tuvo relaciones sexuales anales con ***[INSERTE EL NOMBRE DE LA PAREJA]***, ¿tuvo relaciones anales siendo usted la pareja receptora?	*[ABTM1AN4]*	*[ABTM2AN4]*	*[ABTM3AN4]*	*[ABTM4AN4]*	*[ABTM5AN4]*
No 0	0 *Salte a ATP1AN4 (relaciones sexuales anales insertivas-pareja 1a).*	0 *Salte a ATP2AN4 (relaciones sexuales anales insertivas-pareja 2a).*	0 *Salte a ATP3AN4 (relaciones sexuales anales insertivas-pareja 3a).*	0 *Salte a ATP4AN4 (relaciones sexuales anales insertivas-pareja 4a).*	0 *Salte a ATP5AN4 (relaciones sexuales anales insertivas-pareja 5a).*
Sí 1	1 *Pase a instrucciones para el entrevistador antes de ABTC1AN4 (relaciones sexuales anales receptivas con condón-pareja 1a).*	1 *Pase a instrucciones para el entrevistador antes de ABTC2AN4 (relaciones sexuales anales receptivas con condón-pareja 2a).*	1 *Pase a instrucciones para el entrevistador antes de ABTC3AN4 (relaciones sexuales anales receptivas con condón-pareja 3a).*	1 *Pase a instrucciones para el entrevistador antes de ABTC4AN4 (relaciones sexuales anales receptivas con condón-pareja 4a).*	1 *Pase a instrucciones para el entrevistador antes de ABTC5AN4 (relaciones sexuales anales receptivas con condón-pareja 5a).*
Se negó a contestar 7	7	7	7	7	7

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
	Salte a ATP1AN4 (relaciones	*Salte a ATP2AN4 (relaciones sexuales anales insertivas 2a).*	*Salte a ATP3AN4 (relaciones sexuales anales insertivas 3a).*	*Salte a ATP4AN4 (relaciones sexuales anales insertivas 4a).*	*Salte a ATP5AN4 (relaciones sexuales anales insertivas 5a).*
No sabe 8	8	8	8	8	8
	Salte a ATP1AN4 (relaciones sexuales anales insertivas-pareja 1a).	*Salte a ATP2AN4 (relaciones sexuales anales insertivas-pareja 2a).*	*Salte a ATP3AN4 (relaciones sexuales anales insertivas-pareja 3a).*	*Salte a ATP4AN4 (relaciones sexuales anales insertivas-pareja 4a).*	*Salte a ATP5AN4 (relaciones sexuales anales insertivas-pareja 5a).*
QDS programming note for ABTM1AN4 (receptive anal-partner 1a), ABTM2AN4 (receptive anal-partner 2a), ABTM3AN4 (receptive anal-partner 3a), ABTM4AN4, (receptive anal-partner 4a), ABTM5AN4 (receptive anal-partner 5a): Variable label for ABTM1AN4 receptive anal-partner 1a. Variable label for ABTM2AN4 receptive anal-partner 2a. Variable label for ABTM3AN4 receptive anal-partner 3a. Variable label for ABTM4AN4 receptive anal-partner 4a. Variable label for ABTM5AN4 receptive anal-partner 5a.					
SL.1.6.b. En los **últimos 12 meses**, cuando usted tuvo relaciones sexuales anales con ***[INSERTE EL NOMBRE DE LA PAREJA]***, ¿con qué frecuencia tuvo relaciones anales siendo usted la pareja receptora? ***[LEA LAS***	*[ABTM1BN4]*	*[ABTM2BN4]*	*[ABTM3BN4]*	*[ABTM4BN4]*	*[ABTM5BN4]*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
OPCIONES. MARQUE SOLO UNA].	1	1	1	1	1
Nunca 1	*Salte a ATP1BN4 (relaciones sexuales anales insertivas-pareja 1b).*	*Salte a ATP2BN4 (relaciones sexuales anales insertivas-pareja 2b).*	*Saltea ATP3BN4 (relaciones sexuales anales insertivas-pareja 3b).*	*Salte a ATP4BN4 (relaciones sexuales anales insertivas-pareja 4b).*	*Salte a ATP5BN4 (relaciones sexuales anales insertivas-pareja 5b).*
	2	2	2	2	2
Algunas veces 2	*Pase a instrucciones para el entrevistador antes de ABTC1AN4 (relaciones sexuales anales receptivas con condón-pareja 1a).*	*Pase a instrucciones para el entrevistador antes de ABTC2AN4 (relaciones sexuales anales receptivas con condón-pareja 2a.*	*Pase a instrucciones para el entrevistador antes de ABTC3AN4 (relaciones sexuales anales receptivas con condón-pareja 3a).*	*Pase a instrucciones para el entrevistador antes de ABTC4AN4 (relaciones sexuales anales receptivas con condón-pareja 4a).*	*Pase a instrucciones para el entrevistador antes de ABTC5AN4 (relaciones sexuales anales receptivas con condón-pareja 5a).*
	3	3	3	3	3
Siempre 3	*Pase a instrucciones para el entrevistador antes de ABTC1AN4 (relaciones sexuales anales*	*Pase a instrucciones para el entrevistador antes de ABTC2AN4 relaciones sexuales anales*	*Pase a instrucciones para el entrevistador antes de ABTC3AN4 (relaciones sexuales anales*	*Pase a instrucciones para el entrevistador antes de ABTC4AN4 (relaciones sexuales anales*	*Pase a instrucciones para el entrevistador antes de ABTC5AN4 (relaciones sexuales anales*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
	receptivas con condón-pareja 1a).	*receptivas con condón-pareja 2a.*	*receptivas con condón-pareja 3a).*	*receptivas con condón-pareja 4a).*	*receptivas con condón-pareja 5a).*
Se negó a contestar 7	7 *Salte a ATP1BN4 (relaciones sexuales anales insertivas-pareja 1b).*	7 *Salte a ATP2BN4 (relaciones sexuales anales insertivas-pareja 2b).*	7 *Salte a ATP3BN4 (relaciones sexuales anales insertivas-pareja 3b).*	7 *Salte a ATP4BN4 (relaciones sexuales anales insertivas-pareja 4b).*	7 *Salte a ATP5BN4 (relaciones sexuales anales insertivas-pareja 5b).*
No sabe 8	8 *Salte a ATP1BN4 (relaciones sexuales anales insertivas-pareja 1b).*	8 *Salte a ATP2BN4 (relaciones sexuales anales insertivas-pareja 2b).*	8 *Salte a ATP3BN4 (relaciones sexuales anales insertivas-pareja 3b).*	8 *Salte a ATP4BN4 (relaciones sexuales anales insertivas-pareja 4b).*	8 *Salte a ATP5BN4 (relaciones sexuales anales insertivas-pareja 5b).*

QDS programming note for ABTM1BN4 (receptive anal-partner 1b), ABTM2BN4 (receptive anal-partner 2b), ABTM3BN4 (receptive anal-partner 3b), ABTM4BN4, (receptive anal-partner 4b), ABTM5BN4 (receptive anal-partner 5b):
Variable label for ABTM1BN4 receptive anal-partner 1b.
Variable label for ABTM2BN4 receptive anal-partner 2b.
Variable label for ABTM3BN4 receptive anal-partner 3b.
Variable label for ABTM4BN4 receptive anal-partner 4b.
Variable label for ABTM5BN4 receptive anal-partner 5b.

Instrucciones para el entrevistador ABTC1AN4 (relaciones sexuales anales receptivas con condón-pareja 1a), ABTC2AN4 (relaciones sexuales anales receptivas con condón-pareja 2a), ABTC3AN4 (relaciones sexuales anales receptivas con condón-pareja 3a), ABTC4AN4 (relaciones sexuales anales receptivas con

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Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
condón-pareja 4a), ABTC5AN4 (relaciones sexuales anales receptivas con condón-pareja 5a): ***Hombre con pareja masculina #1-relaciones sexuales anales con pareja masculina una vez****: Si el entrevistado es hombre (SX_GEN=1) Y la pareja es masculina (SXPGN1N4 [sexo de la pareja-pareja 1] = 1 OR SXMLONN4 [solo parejas masculinas] = 1) Y el entrevistado tuvo relaciones sexuales anales con la pareja #1 solo una vez (SXAEN1N4 [cantidad de veces de relaciones sexuales anales-pareja 1] = 1, ENTONCES pase al cuadro Diga antes de ABTC1AN4 (relaciones sexuales anales receptivas con condón-pareja 1a).* ***Hombre con parejas masculinas #2, 3, 4, 5 relaciones sexuales anales con pareja masculina una vez****: Si el entrevistado es hombre (SEX_GEN=1) Y las parejas # 2, 3, 4 o 5 son masculinas (SXPGN2N4 [sexo de la pareja-pareja 2] = 1, SXPGN3N4 [sexo de la pareja-pareja 3] = 1, SXPGN4N4 [sexo de la pareja-pareja 4] = 1, SXPGN5N4 [sexo de la pareja-pareja 5] = 1) O SXMLONN4 [solo parejas masculinas] = 1) Y el entrevistado tuvo relaciones sexuales anales con las parejas #2, 3, 4 o 5 solo una vez (SXAEN2N4 [cantidad de veces de relaciones sexuales anales-pareja 2] = 1, SXAEN3N4 [cantidad de veces de relaciones sexuales anales-pareja 3] = 1, SXAEN4N4 [cantidad de veces de relaciones sexuales anales-pareja 4] = 1, SXAEN5N4 [cantidad de veces de relaciones sexuales anales-pareja 5] = 1, ENTONCES pase a ABTC2AN4 (relaciones sexuales anales receptivas con condón-pareja 2a), ABTC3AN4 (relaciones sexuales anales receptivas con condón-pareja 3a), ABTC4AN4 (relaciones sexuales anales receptivas con condón-pareja 4a), ABTC5AN4 (relaciones sexuales anales receptivas con condón-pareja 5a).* ***Hombre con pareja masculina #1-relaciones sexuales anales con pareja masculina más de una vez****: Si el entrevistado es hombre (SX_GEN=1) Y la pareja es masculina (SXPGN1N4 [sexo de la pareja-pareja 1] O SXMLONN4 [solo parejas masculinas] = 1) Y el entrevistado tuvo relaciones sexuales anales con la pareja #1 más de una vez (SXAEN1N4 [cantidad de veces de relaciones sexuales anales-pareja 1] ≥ 2 o SA10_1N4 (relaciones sexuales anales 10-pareja 1) =1, ENTONCES pase al cuadro Diga antes de ABTC1BN4 (relaciones sexuales anales receptivas con condón-pareja 1b).* ***Hombre con parejas masculinas #2, 3, 4, 5, relaciones sexuales anales con pareja masculina más de una vez****: Si el entrevistado es hombre (SX_GEN=1) Y la pareja es masculina (SXPGN2N4 [sexo de la pareja-pareja 2] = 1, SXPGN3N4 [sexo de la pareja-pareja 3] = 1, SXPGN4N4 [sexo de la pareja-pareja 4] = 1, SXPGN5N4 [sexo de la pareja-pareja 5] = 1 O SXMLONN4 [solo parejas masculinas] = 1), Y el entrevistado tuvo relaciones sexuales anales con las parejas 2, 3, 4 o 5 más de una vez (SXAEN1N4 [cantidad de veces de relaciones sexuales anales-pareja 1] ≥ 2, SXAEN2N4 [cantidad de veces de relaciones sexuales anales-pareja*					

Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
2] ≥ 2, SXAEN3N4 [cantidad de veces de relaciones sexuales anales-pareja 3] ≥ 2, SXAEN4N4 [cantidad de veces de relaciones sexuales anales-pareja 4] ≥ 2, SXAEN5N4 [cantidad de veces de relaciones sexuales anales-pareja 5] ≥ 2, O SA10_1N4 (relaciones sexuales anales 10-pareja 1) =1, SA10_2N4 (relaciones sexuales anales 10-pareja 2) =1, SA10_3N4 (relaciones sexuales anales 10-pareja 3) =1, SA10_4N4 (relaciones sexuales anales 10-pareja 4) =1, SA10_5N4 (relaciones sexuales anales 10-pareja 5) =1, ENTONCES pase a ABTC2BN4 (relaciones sexuales anales receptivas con condón-pareja 2b), ABTC3BN4 (relaciones sexuales anales receptivas con condón-pareja 3b), ABTC4BN4 (relaciones sexuales anales receptivas con condón-pareja 4b), ABTC5BN4 (relaciones sexuales anales receptivas con condón-pareja 5b).					
Cuadro DIGA para ABTC1AN4 (relaciones sexuales anales receptivas-pareja 1a): ***DIGA:*** "La siguiente pregunta tiene que ver con el uso del condón. Por favor incluya las veces en que se usó un condón todo el tiempo, no solo parte del tiempo durante las relaciones sexuales".					
SL.1.7a. En los **últimos 12 meses,** cuando tuvo relaciones sexuales anales con ***[INSERTE EL NOMBRE DE LA PAREJA]*** siendo usted la pareja receptora, ¿se usó un condón?	*[ABTC1AN4]*	*[ABTC2AN4]*	*[ABTC3AN4]*	*[ABTC4AN4]*	*[ABTC5AN4]*
No 0	0	0	0	0	0
Sí 1	1	1	1	1	1
Se negó a contestar 7	7	7	7	7	7
No sabe 8	8	8	8	8	8
	Para todas las respuestas, salte a instrucciones para el	*Para todas las respuestas, salte a instrucciones para el*	*Para todas las respuestas, salte a instrucciones para el*	*Para todas las respuestas, salte a instrucciones para el*	*Para todas las respuestas, salte a instrucciones para el*

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Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
	entrevistador antes de ATP1AN4 (relaciones sexuales anales insertivas-pareja 1a).	*entrevistador antes de ATP2AN4 (relaciones sexuales anales insertivas-pareja 2a).*	*entrevistador antes de ATP3AN4 (relaciones sexuales anales insertivas-pareja 3a).*	*entrevistador antes de ATP4AN4 (relaciones sexuales anales insertivas-pareja 4a).*	*entrevistador antes de ATP5AN4 (relaciones sexuales anales insertivas-pareja 5a).*
QDS programming note for ABTC1AN4 (condom receptive anal-partner 1a), ABTC2AN4 (condom receptive anal-partner 2a), ABTC3AN4 (condom receptive anal-partner 3a), ABTC4AN4 (condom receptive anal-partner 4a), ABTC5AN4 (condom receptive anal-partner 5a): Variable label for ABTC1AN4 condom receptive anal-partner 1a. Variable label for ABTC2AN4 condom receptive anal-partner 2a. Variable label for ABTC3AN4 condom receptive anal-partner 3a. Variable label for ABTC4AN4 condom receptive anal-partner 4a. Variable label for ABTC5AN4 condom receptive anal-partner 5a.					
Cuadro DIGA para ABTC1BN4 (relaciones sexuales anales receptivas-pareja 1b): ***DIGA:*** "La siguiente pregunta tiene que ver con el uso del condón. Por favor incluya las veces en que se usó un condón todo el tiempo, no solo parte del tiempo durante las relaciones sexuales".					
SL.1.7.b. En los **últimos 12 meses,** cuando tuvo relaciones sexuales anales con ***[INSERTE EL NOMBRE DE LA PAREJA]*** siendo usted la pareja receptora,¿se usó un condón? … ***[LEA LAS OPCIONES. MARQUE SOLO UNA].***	*[ABTC1BN4]*	*[ABTC2BN4]*	*[ABTC3BN4]*	*[ABTC4BN4]*	*[ABTC5BN4]*
Nunca, ni una vez 1	1	1	1	1	1
Una o más veces 2	2	2	2	2	2

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Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
Absolutamente todas las veces 3	3	3	3	3	3
Se negó a contestar 7	7	7	7	7	7
No sabe 8	8	8	8	8	8
	Para todas las respuestas, pase a ATP1BN4 (relaciones sexuales anales insertivas-pareja 1b).	*Para todas las respuestas, pase a ATP2BN4 (relaciones sexuales anales insertivas-pareja 2b).*	*Para todas las respuestas, pase a ATP3BN4 (relaciones sexuales anales insertivas-pareja 3b).*	*Para todas las respuestas, pase a ATP4BN4 (relaciones sexuales anales insertivas-pareja 4b).*	*Para todas las respuestas, pase a ATP5BN4 (relaciones sexuales anales insertivas-pareja 5b).*
QDS programming note for ABTC1BN4 (condom receptive anal-partner 1b), ABTC2BN4 (condom receptive anal-partner 2b), ABTC3BN4 (condom receptive anal-partner 3b), ABTC4BN4 (condom receptive anal-partner 4b), ABTC5BN4 (condom receptive anal-partner 5b): Variable label for ABTC1BN4 condom receptive anal-partner 1b. Variable label for ABTC2BN4 condom receptive anal-partner 2b. Variable label for ABTC3BN4 condom receptive anal-partner 3b. Variable label for ABTC4BN4 condom receptive anal-partner 4b. Variable label for ABTC5BN4 condom receptive anal-partner 5b.					
SL.1.8.a. En los **últimos 12 meses**, cuando tuvo relaciones sexuales anales con ***[INSERTE EL NOMBRE DE LA PAREJA],*** ¿tuvo relaciones sexuales anales siendo usted la pareja insertiva?	*[ATP1AN4]*	*[ATP2AN4]*	*[ATP3AN4]*	*[ATP4AN4]*	*[ATP5AN4]*

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Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
No 0	0 *Salte a STATS1N4 (conoce el estado del VIH-pareja 1)*	0 *Salte a STATS2N4 (conoce el estado del VIH-pareja 2)*	0 *Salte a STATS3N4 (conoce el estado del VIH-pareja 3)*	0 *Salte a STATS4N4 (conoce el estado del VIH-pareja 4)*	0 *Salte a STATS5N4 (conoce el estado del VIH-pareja 5)*
Sí 1	1 *Salte a instrucciones para el entrevistador antes de ATPC1AN4 relaciones sexuales anales insertivas con condón-pareja 1a.*	1 *Salte a instrucciones para el entrevistador antes de ATPC2AN4 relaciones sexuales anales insertivas con condón-pareja 2a.*	1 *Salte a instrucciones para el entrevistador antes de ATPC3AN4 relaciones sexuales anales insertivas con condón-pareja 3a.*	1 *Salte a instrucciones para el entrevistador antes de ATPC4AN4 relaciones sexuales anales insertivas con condón-pareja 4a.*	1 *Salte a instrucciones para el entrevistador antes de ATPC5AN4 relaciones sexuales anales insertivas con condón-pareja 5a.*
Se negó a contestar 7	7 *Salte a STATS1N4 (conoce el estado del VIH-pareja 1)*	7 *Salte a STATS2N4 (conoce el estado del VIH-pareja 2)*	7 *Salte a STATS3N4 (conoce el estado del VIH-pareja 3)*	7 *Salte a STATS4N4 (conoce el estado del VIH-pareja 4)*	7 *Salte a STATS5N4 (conoce el estado del VIH-pareja 5)*
No sabe 8	8 *Salte a STATS1N4 (conoce el estado del*	8 *Salte a STATS2N4 (conoce el estado del*	8 *Salte a STATS3N4 (conoce el estado del*	8 *Salte a STATS4N4 (conoce el estado del*	8 *Salte a STATS5N4 (conoce el estado del*

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Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
	VIH-pareja 1)	*VIH-pareja 2)*	*VIH-pareja 3)*	*VIH-pareja 4)*	*VIH-pareja 5)*
QDS programming note for ATP1AN4 (condom insertive anal-partner 1a), ATP2AN4 (condom insertive anal-partner 2a), ATP3AN4 (condom insertive anal-partner 3a), ATP4AN4 (condom insertive anal-partner 4a), ATP5AN4 (condom insertive anal-partner 5a): Variable label for ATP1AN4 insertive anal-partner 1a. Variable label for ATP2AN4 insertive anal-partner 2a. Variable label for ATP3AN4 insertive anal-partner 3a. Variable label for ATP4AN4 insertive anal-partner 4a. Variable label for ATP5AN4 insertive anal-partner 5a.					
SL.1.8.b. En los **últimos 12 meses**, cuando tuvo relaciones sexuales anales con ***[INSERTE EL NOMBRE DE LA PAREJA],*** ¿con qué frecuencia tuvo relaciones sexuales anales siendo usted la pareja <u>insertiva</u>? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].***	*[ATP1BN4]*	*[ATP2BN4]*	*[ATP3BN4]*	*[ATP4BN4]*	*[ATP5BN4]*
Nunca 1	1 *Salte a STATS1N4 (conoce el estado del VIH-pareja 1)*	1 *Salte a STATS2N4 (conoce el estado del VIH-pareja 2).*	1 *Salte a STATS3N4 (conoce el estado del VIH-pareja 3)*	1 *Salte a STATS4N4 (conoce el estado del VIH-pareja 4).*	1 *Salte a STATS5N4 (conoce el estado del VIH-pareja 5).*
Algunas veces 2	2 *Pase a instrucciones para el entrevistador*	2 *Pase a instrucciones para el entrevistador*	2 *Pase a instrucciones para el entrevistador*	2 *Pase a instrucciones para el entrevistador*	2 *Pase a instrucciones para el entrevistador*

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Pregunta		Parejas sexuales				
		Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
		antes de ATPC1AN4 (relaciones sexuales anales insertivas con condón-pareja 1a).	*antes de ATPC2AN4 (relaciones sexuales anales insertivas con condón-pareja 2a).*	*antes de ATPC3AN4 (relaciones sexuales anales insertivas con condón-pareja 3a).*	*antes de ATPC4AN4 (relaciones sexuales anales insertivas con condón-pareja 4a).*	*antes de ATPC5AN4 (relaciones sexuales anales insertivas con condón-pareja 5a).*
Siempre	3	3 *Pase a instrucciones para el entrevistador antes de ATPC1AN4 (pareja de relaciones sexuales anales insertivas con condón-pareja 1a).*	3 *Pase a instrucciones para el entrevistador antes de ATPC2AN4 (pareja de relaciones sexuales anales insertivas con condón-pareja 2a).*	3 *Pase a instrucciones para el entrevistador antes de ATPC3AN4 (pareja de relaciones sexuales anales insertivas con condón-pareja 3a).*	3 *Pase a instrucciones para el entrevistador antes de ATPC4AN4 (pareja de relaciones sexuales anales insertivas con condón-pareja 4a).*	3 *Pase a instrucciones para el entrevistador antes de ATPC5AN4 (pareja de relaciones sexuales anales insertivas con condón-pareja 5a).*
Se negó a contestar	7	7 *Salte a STATS1N4 (conoce el estado del VIH-pareja 1)*	7 *Salte a STATS2N4 (conoce el estado del VIH-pareja 2)*	7 *Salte a STATS3N4 (conoce el estado del VIH-pareja 3)*	7 *Salte a STATS4N4 (conoce el estado del VIH-pareja 4).*	7 *Salte a STATS5N4 (conoce el estado del VIH-pareja 5).*
No sabe	8	8 *Salte a*	8 *Salte a*	8 *Salte a*	8 *Salte a*	8 *Salte a*

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Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
	STATS1N4 (conoce el estado del VIH-pareja 1)	*STATS2N4 (conoce el estado del VIH-pareja 2).*	*STATS3N4 (conoce el estado del VIH-pareja 3)*	*STATS4N4 (conoce el estado del VIH-pareja 4).*	*STATS5N4 (conoce el estado del VIH-pareja 5).*

QDS programming note for ATPC1BN4 (insertive anal-partner 1b), ATPC2BN4 (insertive anal-partner 2b), ATPC3BN4 (insertive anal-partner 3b), ATPC4BN4, (insertive anal-partner 4b), ATPC5BN4 (insertive anal-partner 5b):
Variable label for ATP1BN4 insertive anal-partner 1b.
Variable label for ATP2BN4 insertive anal-partner 2b.
Variable label for ATP3BN4 insertive anal-partner 3b.
Variable label for ATP4BN4 insertive anal-partner 4b.
Variable label for ATP5BN4 insertive anal-partner 5b.

Respondent states he did not have receptive or insertive anal sex:
If SXANL1N4 (anal sex partner 1) = 1 (yes) and ABTM1AN4 (receptive anal sex partner 1) = 1 (never) and ATP1AN4 (insertive anal sex partner 1) = 1 (never), display the following: "Antes usted me dijo que tuvo relaciones sexuales anales con **[INSERTE el nombre de la pareja SX_NM1N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a las preguntas anteriores para corregir el error.**" Allow program to move forward.

If SXANL1N4 (anal sex partner 1) = 1 (yes) and ABTM1BN4 (receptive anal sex partner 1) = 0 (no) and ATP1BN4 (insertive anal sex partner 1) = 0 (no), display the following: "Antes usted me dijo que tuvo relaciones sexuales anales con **[INSERTE el nombre de la pareja SX_NM1N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a las preguntas anteriores para corregir el error.**" Allow program to move forward.

If SXANL2N4 (anal sex partner 2) = 1 (yes) and ABTM2AN4 (receptive anal sex partner 2) = 1 (never) and ATP2AN4 (insertive anal sex partner 2) = 1 (never), display the following: "Antes usted me dijo que tuvo relaciones sexuales anales con **[INSERTE el nombre de la pareja SX_NM2N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a las preguntas anteriores para corregir el error.**" Allow program to move forward.

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Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
If SXANL2N4 (anal sex partner 2) = 1 (yes) and ABTM2BN4 (receptive anal sex partner 2) = 0 (no) and ATP2BN4 (insertive anal sex partner 2) = 0 (no), display the following: "Antes usted me dijo que tuvo relaciones sexuales anales con **[INSERTE el nombre de la pareja SX_NM2N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a las preguntas anteriores para corregir el error.**" Allow program to move forward. If SXANL3N4 (anal sex partner 3) = 1 (yes) and ABTM3AN4 (receptive anal sex partner 3) = 0 (no) and ATP3AN4 (insertive anal sex partner 3) = 0 (no), display the following: "Antes usted me dijo que tuvo relaciones sexuales anales con **[INSERTE el nombre de la pareja SX_NM3N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a las preguntas anteriores para corregir el error.**" Allow program to move forward. If SXANL3N4 (anal sex partner 3) = 1 (yes) and ABTM3BN4 (receptive anal sex partner 3) = 1 (never) and ATP3BN4 (insertive anal sex partner 3) = 1 (never), display the following: "Antes usted me dijo que tuvo relaciones sexuales anales con **[INSERTE el nombre de la pareja SX_NM3N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a las preguntas anteriores para corregir el error.**" Allow program to move forward. If SXANL4N4 (anal sex partner 4) = 1 (yes) and ABTM4AN4 (receptive anal sex partner 4) = 0 (no) and ATP4AN4 (insertive anal sex partner 4) = 0 (no), display the following: "Antes usted me dijo que tuvo relaciones sexuales anales con **[INSERTE el nombre de la pareja SX_NM4N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a las preguntas anteriores para corregir el error.**" Allow program to move forward. If SXANL4N4 (anal sex partner 4) = 1 (yes) and ABTM4BN4 (receptive anal sex partner 4) = 1 (never) and ATP4BN4 (insertive anal sex partner 4) = 1 (never), display the following: "Antes usted me dijo que tuvo relaciones sexuales anales con **[INSERTE el nombre de la pareja SX_NM4N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a las preguntas anteriores para corregir el error.**" Allow program to move forward. If SXANL5N4 (anal sex partner 5) = 1 (yes) and ABTM5AN4 (receptive anal sex partner 5) = 0 (no) and ATP5AN4 (insertive anal sex partner 5) = 0 (no), display the following: Antes usted me dijo que tuvo relaciones sexuales anales con **[INSERTE el nombre de la pareja SX_NM5N4]**. ¿Correcto? **Instrucciones**					

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Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***

para el entrevistador: regrese a las preguntas anteriores para corregir el error." Allow program to move forward.

If SXANL5N4 (anal sex partner 5) = 1 (yes) and ABTM5BN4 (receptive anal sex partner 5) = 1 (never) and ATP5BN4 (insertive anal sex partner 5) = 1 (never), display the following: "Antes usted me dijo que tuvo relaciones sexuales anales con **[INSERTE el nombre de la pareja SX_NM5N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a las preguntas anteriores para corregir el error.**" Allow program to move forward.

Instrucciones para el entrevistador para ATPC1AN4 (relaciones sexuales anales insertivas con condón-pareja 1a), ATPC2AN4 (relaciones sexuales anales insertivas con condón-pareja 2a), ATPC3AN4 (relaciones sexuales anales insertivas con condón-pareja 3a), ATPC4AN4 (relaciones sexuales anales insertivas con condón-pareja 4a), ATPC5AN4 (relaciones sexuales anales insertivas con condón-pareja 5a):

Hombre con pareja masculina #1-relaciones sexuales anales con pareja masculina una vez: *Si el entrevistado es masculino (SX_GEN=1) Y la pareja es masculina (SXPGN1N4 [sexo de la pareja-pareja 1] = 1 O SXMLONN4 [solo parejas masculinas] = 1) Y el entrevistado tuvo relaciones sexuales anales con la pareja #1 solo una vez (SXAEN1N4 [cantidad de veces de relaciones sexuales anales-pareja 1] = 1, ENTONCES pase al cuadro Diga antes de ATPC1AN4 (relaciones sexuales anales receptivas con condón-pareja 1a).*

Hombre con parejas masculinas #2, 3, 4, 5 relaciones sexuales anales con pareja masculina una vez*: Si el entrevistado es masculino (SEX_GEN=1) Y la pareja es masculina (SXPGN2N4 [sexo de la pareja-pareja 2] = 1, SXPGN3N4 [sexo de la pareja-pareja 3] = 1, SXPGN4N4 [sexo de la pareja-pareja 4] = 1, SXPGN5N4 [sexo de la pareja-pareja 5] = 1 O SXMLONN4 [solo parejas masculinas] = 1), Y el entrevistado tuvo relaciones sexuales anales con las parejas #2, 3, 4 o 5 solo una vez (SXAEN2N4 [cantidad de veces de relaciones sexuales anales-pareja 2] = 1, SXAEN3N4 [cantidad de veces de relaciones sexuales anales-pareja 3] = 1, SXAEN4N4 [cantidad de veces de relaciones sexuales anales-pareja 4] = 1, SXAEN5N4 [cantidad de veces de relaciones sexuales anales-pareja 5] = 1, ENTONCES pase a ATPC2AN4 (relaciones sexuales anales insertivas con condón-pareja 2a), ABTC3AN4 (sexuales anales insertivas con condón-pareja 3a), ABTC4AN4 (relaciones sexuales anales insertivas con condón-pareja 4a), ABTC5AN4 (relaciones sexuales anales insertivas con condón-pareja 5a).*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
Hombre con pareja masculina #1 relaciones sexuales anales con pareja masculina más de una vez: *Si el entrevistado es masculino (SX_GEN=1) Y la pareja es masculina (SXPGN1N4 [sexo de la pareja-pareja 1] O SXMLONN4 [solo parejas masculinas] = 1) Y el entrevistado tuvo relaciones sexuales anales con la pareja #1 más de una vez (SXAEN1N4 [cantidad de veces de relaciones sexuales anales-pareja 1] ≥ 2 O SA10_1N4 =1), ENTONCES pase al cuadro Diga antes de ATPC1BN4 (relaciones sexuales anales receptivas con condón-pareja 1b).* ***Hombre con parejas masculinas #2, 3, 4, 5, relaciones sexuales anales con pareja masculina más de una vez:*** *Si el entrevistado es masculino (SX_GEN=1) Y la pareja es masculina (SXMLONN4 [solo parejas masculinas] = 1 O SXPGN2N4 [sexo de la pareja-pareja 2] = 1, SXPGN3N4 [sexo de la pareja-pareja 3] = 1, SXPGN4N4 [sexo de la pareja-pareja 4] = 1, SXPGN5N4 [sexo de la pareja-pareja 5] = 1 O SXMLONN4 [solo parejas masculinas] = 1), Y el entrevistado tuvo relaciones sexuales anales con las parejas 2, 3, 4 o 5 más de una vez (SXAEN1N4 [cantidad de veces de relaciones sexuales anales-pareja 1] ≥ 2, SXAEN2N4 [cantidad de veces de relaciones sexuales anales-pareja 2] ≥ 2, SXAEN3N4 [cantidad de veces de relaciones sexuales anales-pareja 3] ≥ 2, SXAEN4N4 [cantidad de veces de relaciones sexuales anales-pareja 4] ≥ 2, SXAEN5N4 [cantidad de veces de relaciones sexuales anales-pareja 5] ≥ 2, O SA10_1N4 (relaciones sexuales anales 10-pareja 1) =1, SA10_2N4 (relaciones sexuales anales 10-pareja 2) =1, SA10_3N4 (relaciones sexuales anales 10-pareja 3) =1, SA10_4N4 (relaciones sexuales anales 10-pareja 4) =1, SA10_5N4 (relaciones sexuales anales 10-pareja 5) =1, ENTONCES pase a ATPC2BN4 (relaciones sexuales anales insertivas con condón-pareja 2b), ATPC3BN4 (relaciones sexuales anales insertivas con condón-pareja 2b), ATPC4BN4 (relaciones sexuales anales insertivas con condón-pareja 4b), ATPC5BN4 (relaciones sexuales anales insertivas con condón-pareja 5b).*					
Cuadro DIGA antes de ATPC1AN4: ***DIGA:*** "La siguiente pregunta tiene que ver con el uso del condón. Por favor incluya las veces en que se usó un condón todo el tiempo, no solo parte del tiempo durante las relaciones sexuales".					
SL.1.9.a. En los **últimos 12 meses**, cuando tuvo relaciones sexuales anales con ***[INSERTE EL NOMBRE DE LA PAREJA],*** ¿se usó un condón cuando usted era la pareja insertiva?	*[ATPC1AN4]*	*[ATPC2AN4]*	*[ATPC3AN4]*	*[ATPC4AN4]*	*[ATPC5AN4]*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
No 0	0	0	0	0	0
Sí 1	1	1	1	1	1
Se negó a contestar 7	7	7	7	7	7
No sabe 8	8	8	8	8	8
	Para todas las respuestas, salte a STATS1N4 (conoce el estado del VIH-pareja 1).	*Para todas las respuestas, salte a STATS2N4 (conoce el estado del VIH-pareja 2).*	*Para todas las respuestas, salte a STATS3N4 (conoce el estado del VIH-pareja 3).*	*Para todas las respuestas, salte a STATS4N4 (conoce el estado del VIH-pareja 4).*	*Para todas las respuestas, salte a STATS5N4 (conoce el estado del VIH-pareja 5).*
QDS programming note for ATPC1AN4 (condom insertive anal-partner 1a), ATPC2AN4 (condom insertive anal-partner 2a), ATPC3AN4 (condom insertive anal-partner 3a), ATPC4AN4 (condom insertive anal-partner 4a), ATPC5AN4 (condom receptive anal-partner 5a): Variable label for ATPC1AN4 condom insertive anal-partner 1a. Variable label for ATPC2AN4 condom insertive anal-partner 2a. Variable label for ATPC3AN4 condom insertive anal-partner 3a. Variable label for ATPC4AN4 condom insertive anal-partner 4a. Variable label for ATPC5AN4 condom insertive anal-partner 5a.					
Cuadro DIGA antes de ATPC1BN4: "La siguiente pregunta tiene que ver con el uso del condón. Por favor incluya las veces en que se usó un condón todo el tiempo, no solo parte del tiempo durante las relaciones sexuales".					
SL.1.9.b. En los **últimos 12 meses,** cuando tuvo relaciones sexuales anales con ***[INSERTE EL NOMBRE DE***	*[ATPC1BN4]*	*[ATPC2BN4]*	*[ATPC3BN4]*	*[ATPC4BN4]*	*[ATPC5BN4]*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Pregunta	Parejas sexuales				
	Pareja 1 ***[Inserte el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[Inserte el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[Inserte el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[Inserte el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[Inserte el nombre de la pareja SX_NM5N4]***
LA PAREJA] siendo usted la pareja <u>insertiva,</u> ¿se usó un condón? … ***[LEA LAS OPCIONES. MARQUE SOLO UNA].***					
Nunca, ni una vez 1	1	1	1	1	1
Una o más veces 2	2	2	2	2	2
Absolutamente todas las veces 3	3	3	3	3	3
Se negó a contestar 7	7	7	7	7	7
No sabe 8	8	8	8	8	8
	Para todas las respuestas, pase a STATS1N4 (conoce el estado del VIH-pareja 1).	*Para todas las respuestas, pase a STATS2N4 (conoce el estado del VIH-pareja 2).*	*Para todas las respuestas, pase a STATS3N4 (conoce el estado del VIH-pareja 3).*	*Para todas las respuestas, pase a STATS4N4 (conoce el estado del VIH-pareja 4).*	*Para todas las respuestas, pase a STATS5N4 (conoce el estado del VIH-pareja 5).*

QDS programming note for ATPC1BN4 (condom insertive anal-partner 1b), ATPC2BN4 (condom insertive anal-partner 2b), ATPC3BN4 (condom insertive anal-partner 3b), ATPC4BN4 (condom insertive anal-partner 4b), ATPC5BN4 (condom insertive anal-partner 5b):
Variable label for ATPC1BN4 condom insertive anal-partner 1b.
Variable label for ATPC2BN4 condom insertive anal-partner 2b.
Variable label for ATPC3BN4 condom insertive anal-partner 3b.
Variable label for ATPC4BN4 condom insertive anal-partner 4b.
Variable label for ATPC5BN4 condom insertive anal-partner 5b.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Transgénero y de sexo desconocido (SG)

Preguntas	Parejas sexuales				
	Pareja 1 ***[INSERTE el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[INSERTE el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[INSERTE el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[INSERTE el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[INSERTE el nombre de la pareja SX_NM5N4]***
Instructions for transgender sex partner-by-partner series table: The questions and response options are in the far left column of the table. Each question is asked for partners 1–5. Partners 1-5 are labeled in columns Partner 1, Partner 2, Partner 3, Partner 4, and Partner 5. All Partner 1 questions are asked before moving to Partner 2 questions. Detailed instructions are provided in each table cell. When question instructions say "inserte el nombre de la pareja," and the variable is in the Partner 1 column, then insert response from SX_NM1N4 (name of partner 1). When question instructions say "inserte el nombre de la pareja," and variable is in the Partner 2 column, insert response to SX_NM2N4 (name of partner 2). When question instructions say "inserte el nombre de la pareja," and variable is in the same column as Partner 3, insert response to SX_NM3N4 (name of partner 3). When question instructions say "inserte el nombre de la pareja," and variable is in the same column as Partner 4, insert response to SX_NM4N4 (name of partner 4). When question instructions say "inserte el nombre de la pareja," and variable is in the same column as Partner 5, insert response to SX_NM5N4 (name of partner 5).					
SG.1.0 En los **últimos 12 meses**, ¿usted tuvo relaciones sexuales vaginales o anales con ***[INSERTE EL NOMBRE DE LA PAREJA]***?	*[SX_TG1N4]*	*[SX_TG2N4]*	*[SX_TG3N4]*	*[SX_TG4N4]*	*[SX_TG5N4]*
No 0	0 Salte a STATS1N4 (conoce el *estado del VIH-pareja 1).*	0 Salte a STATS2N4 (conoce el *estado del VIH-pareja 2).*	0 Salte a STATS3N4 (conoce el *estado del VIH-pareja 3).*	0 Salte a STATS4N4 (conoce el *estado del VIH-pareja 4).*	0 Salte a STATS5N4 (conoce el *estado del VIH-pareja 5).*
Sí 1	1 Pase a TG10_1N4 (transgénero 10-pareja 1)	1 Pase a TG10_2N4 (transgénero 10-pareja 2)	1 Pase a TG10_3N4 (transgénero 10-pareja 3)	1 Pase a TG10_4N4 (transgénero 10-pareja 4)	1 Pase a TG10_5N4 (transgénero 10-pareja 5)

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
	Pareja 1 ***[INSERTE el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[INSERTE el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[INSERTE el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[INSERTE el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[INSERTE el nombre de la pareja SX_NM5N4]***
Se negó a contestar 7	7 Salte a STATS1N4 (conoce el *estado del VIH-pareja 1).*	7 Salte a STATS2N4 (conoce el *estado del VIH-pareja 2).*	7 Salte a STATS3N4 (conoce el *estado del VIH-pareja 3).*	7 Salte a STATS4N4 (conoce el *estado del VIH-pareja 4).*	7 Salte a STATS5N4 (conoce el *estado del VIH-pareja 5).*
No sabe 8	8 Salte a STATS1N4 (conoce el *estado del VIH-pareja 1).*	8 Salte a STATS2N4 (conoce el *estado del VIH-pareja 2).*	8 Salte a STATS3N4 (conoce el *estado del VIH-pareja 3).*	8 Salte a STATS4N4 (conoce el *estado del VIH-pareja 4).*	8 Salte a STATS5N4 (conoce el *estado del VIH-pareja 5).*

QDS programming note for SX_TGS1N4 (transgender partner 1), SX_TGS2N4 (transgender partner 2), SX_TGS3N4 (transgender partner 3), SX_TGS4N4 (transgender partner 4), SX_TGS5N4 (transgender partner 5):
Variable label for SX_TG1N4 is transgender-partner 1.
Variable label for SX_TG2N4 is transgender-partner 2.
Variable label for SX_TG3N4 is transgender-partner 3.
Variable label for SX_TG4N4 is transgender-partner 4.
Variable label for SX_TG5N4 is transgender-partner 5.

If SX_TG1N4 (transgender-partner 1) is 0 (no), then display the following message: "Antes usted me dijo que tuvo relaciones sexuales vaginales o anales con **[INSERTE el nombre de la pareja SX_NM1N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a las preguntas anteriores para corregir el error.**" Allow program to move forward.

If SX_TG2N4 (transgender-partner 2) is 0 (no), then display the following message: "Antes usted me dijo que tuvo relaciones sexuales vaginales o anales con **[INSERTE el nombre de la pareja SX_NM2N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a las preguntas anteriores para corregir el error.**" Allow

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
	Pareja 1 ***[INSERTE el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[INSERTE el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[INSERTE el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[INSERTE el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[INSERTE el nombre de la pareja SX_NM5N4]***
program to move forward. If SX_TG3N4 (transgender-partner 3) is 0 (no), then display the following message: "Antes usted me dijo que tuvo relaciones sexuales vaginales o anales con **[INSERTE el nombre de la pareja SX_NM3N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a las preguntas anteriores para corregir el error.**" Allow program to move forward. If SX_TG4N4 (transgender-partner 4) is 0 (no), then display the following message: "Antes usted me dijo que tuvo relaciones sexuales vaginales o anales con **[INSERTE el nombre de la pareja SX_NM4N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a las preguntas anteriores para corregir el error.**" Allow program to move forward. If SX_TG5N4 (transgender-partner 5) is 0 (no), then display the following message: "Antes usted me dijo que tuvo relaciones sexuales vaginales o anales con **[INSERTE el nombre de la pareja SX_NM5N4]**. ¿Correcto? **Instrucciones para el entrevistador: regrese a las preguntas anteriores para corregir el error.**" Allow program to move forward.					
SG.1.1. En los **últimos 12 meses**, ¿usted tuvo relaciones sexuales vaginales o anales con ***[INSERTE EL NOMBRE DE LA PAREJA]*** más de 10 veces? **[*LEA LAS OPCIONES.* MARQUE SOLO UNA].**	*[TG10_1N4]*	*[TG10_2N4]*	*[TG10_3N4]*	*[TG10_4N4]*	*[TG10_5N4]*
Sí 1	1 *Salte a TGAN1N4 (transgénero cantidad promedio de relaciones sexuales-*pareja *1).*	1 *Salte a TGAN2N4 (transgénero cantidad promedio de relaciones sexuales-*pareja *2).*	1 *Salte a TGAN3N4 (transgénero cantidad promedio de relaciones sexuales-*pareja *3).*	1 *Salte a TGAN4N4 (transgénero cantidad promedio de relaciones sexuales-*pareja *4).*	1 *Salte a TGAN5N4 (transgénero cantidad promedio de relaciones sexuales-*pareja *5).*
No 0	0 *Pase a*	0 *Pase a*	0 *Pase a*	0 *Pase a*	0 *Pase a*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
	Pareja 1 ***[INSERTE el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[INSERTE el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[INSERTE el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[INSERTE el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[INSERTE el nombre de la pareja SX_NM5N4]***
	*TGN1N4 (transgénero cantidad de veces de relaciones sexuales-*pareja *1).*	*TGEN2N4 (transgénero cantidad de veces de relaciones sexuales con* pareja *2).*	*TGEN3N4 (transgénero cantidad de veces de relaciones sexuales-pareja 3).*	*TGEN4N4 (transgénero cantidad de veces de relaciones sexuales-pareja 4).*	*TGEN5N4 (transgénero cantidad de veces de relaciones sexuales-pareja 5).*
Se negó a contestar 7	7 Salte a STATS1N4 (conoce el *estado del VIH-pareja 1).*	7 Salte a STATS2N4 (conoce el *estado del VIH-pareja 2).*	7 Salte a STATS3N4 (conoce el *estado del VIH-pareja 3).*	7 Salte a STATS4N4 (conoce el *estado del VIH-pareja 4).*	7 Salte a STATS5N4 (conoce el *estado del VIH-pareja 4).*
No sabe 8	8 Salte a STATS1N4 (conoce el *estado del VIH-pareja 1).*	8 Salte a STATS2N4 (conoce el *estado del VIH-pareja 2).*	8 Salte a STATS3N4 (conoce el *estado del VIH-pareja 3).*	8 Salte a STATS4N4 (conoce el *estado del VIH-pareja 4).*	8 Salte a STATS5N4 (conoce el *estado del VIH-pareja 5).*
QDS programming note for TG10_1N4 (transgender 10-partner 1), TG10_2N4 (transgender 10-partner 2), TG10_3N4 (transgender 10-partner 3), TG10_4N4 (transgender 10-partner 4), and TG10_5N4 (transgender 10-partner 5): Variable label for TG10_1N4 is transgender 10-partner 1. Variable label for TG10_2N4 is transgender 10-partner 2. Variable label for TG10_3N4 is transgender 10-partner 3. Variable label for TG10_4N4 is transgender 10-partner 4. Variable label for TG10_5N4 is transgender 10-partner 5.					
SG.1.2. En los **últimos 12 meses**, ¿por favor dígame el número exacto de veces que tuvo	*[TGEN1N4]*	*[TGEN2N4]*	*[TGEN3N4]*	*[TGEN4N4]*	*[TGEN5N4]*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	**Parejas sexuales**				
	Pareja 1 ***[INSERTE el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[INSERTE el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[INSERTE el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[INSERTE el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[INSERTE el nombre de la pareja SX_NM5N4]***
relaciones sexuales vaginales o anales con ***[INSERTE EL NOMBRE DE LA PAREJA]***?					
__ __	__ __	__ __	__ __	__ __	__ __
	Salte al cuadro Diga antes de TGC1AN4 (transgénero relaciones sexuales con condón-pareja 1a).	*Salte a instrucciones antes de TGC2AN4 (transgénero relaciones sexuales con condón-pareja 2a).*	*Salte a instrucciones antes de TGC3AN4 (transgénero relaciones sexuales con condón-pareja 3a).*	*Salte a instrucciones antes de TGC4AN4 (transgénero relaciones sexuales con condón-pareja 4a).*	*Salte a instrucciones antes de TGC5AN4 (transgénero relaciones sexuales con condón-pareja 5a).*
Se negó a contestar 77	77	77	77	77	77
	Salte a STATS1N4 (conoce el estado del VIH-pareja 1).	*Salte a STATS2N4 (conoce el estado del VIH-pareja 2).*	*Salte a STATS3N4 (conoce el estado del VIH-pareja 3).*	*Salte a STATS4N4 (conoce el estado del VIH-pareja 4).*	*Salte a STATS5N4 (conoce el estado del VIH-pareja 5).*
No sabe 88	88	88	88	88	88
	Salte a STATS1N4 (conoce el estado del VIH-pareja 1).	*Salte a STATS2N4 (conoce el estado del VIH-pareja 2).*	*Salte a STATS3N4 (conoce el estado del VIH-pareja 3).*	*Salte a STATS4N4 (conoce el estado del VIH-pareja 4).*	*Salte a STATS5N4 (conoce el estado del VIH-pareja 5).*
QDS programming note for TGEN1N4 (times transgender -partner 1), TGEN2N4 (times transgender -partner 2), TGEN3N4 (times transgender -partner 3), TGEN4N4 (times transgender -partner 4), TGEN5N4 (times transgender -partner 5):					

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
	Pareja 1 ***[INSERTE el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[INSERTE el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[INSERTE el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[INSERTE el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[INSERTE el nombre de la pareja SX_NM5N4]***
Range 1–10. Variable label for TGEN1N4 is times transgender -partner 1. Variable label for TGEN2N4 is times transgender -partner 2. Variable label for TGEN3N4 is times transgender -partner 3. Variable label for TGEN4N4 is times transgender -partner 4. Variable label for TGEN5N4 is times transgender -partner 5.					
SG.1.3. En promedio, ¿cuántas veces tuvo relaciones sexuales <u>vaginales o anales</u> con ***[INSERTE EL NOMBRE DE LA PAREJA]*** al mes?	*[TGAN1N4]*	*[TGAN2N4]*	*[TGAN3N4]*	*[TGAN4N4]*	*[TGAN5N4]*
___ ___	___ ___	___ ___	___ ___	___ ___	___ ___
	Pase a TGM1N4 (transgénero meses- pareja 1).	*Pase a TGM2N4 (transgénero meses-* pareja *2).*	*Pase a TGM3N4 (transgénero meses-* pareja *3).*	*Pase a TGM4N4 (transgénero meses-* pareja *4).*	*Pase a TGM5N4 (transgénero meses-* pareja *5).*
Se negó a contestar 777	777	777	777	777	777
	Pase a TGM1N4 (transgénero meses- pareja *1).*	*Pase a TGM2N4 (transgénero meses-* pareja *2).*	*Pase a TGM3N4 (transgénero meses-* pareja *3).*	*Pase a TGM4N4 (transgénero meses-* pareja *4).*	*Pase a TGM5N4 (transgénero meses-* pareja *5).*
No sabe 888	888	888	888	888	888
	Pase a TGM1N4 (transgénero meses- pareja *1).*	*Pase a TGM2N4 (transgénero meses-* pareja *2).*	*Pase a TGM3N4 (transgénero meses-* pareja *3).*	*Pase a TGM4N4 (transgénero meses-* pareja *4).*	*Pase a TGM5N4 (transgénero meses-* pareja *5).*
QDS programming note for TGAN1N4 (average number transgender-partner 1), TGAN2N4 (average number					

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
	Pareja 1 ***[INSERTE el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[INSERTE el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[INSERTE el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[INSERTE el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[INSERTE el nombre de la pareja SX_NM5N4]***
transgender-partner 2), TGAN3N4 (average number transgender-partner 3), TGAN4N4 (average number transgender-partner4), TGAN5N4 (average number transgender-partner 5): Range 1–90. If the response to TGAN1N4 (average number transgender -partner 1) is > 90, then display the following message: "El número es muy grande**. Instrucciones para el entrevistador: confirme la respuesta**." If TGAN2N4 (average number transgender -partner 2) is > 90, then display the following message: "Por fuera del intervalo**. Instrucciones para el entrevistador: confirme la respuesta**." If TGAN3N4 (average number transgender -partner 3) is > 90, then display the following message: "El número es muy grande **Instrucciones para el entrevistador: confirme la respuesta**." If TGAN4N4 (average number transgender -partner 4) is > 90, then display the following message: "El número es muy grande**. Instrucciones para el entrevistador: confirme la respuesta**." If TGAN5N4 (average number transgender -partner 5) is > 90, then display the following message: "El número es muy grande**. Instrucciones para el entrevistador: confirme la respuesta**." Variable label for TGAN1N4 is average number transgender -partner 1. Variable label for TGAN2N4 is average number transgender -partner 2. Variable label for TGAN3N4 is average number transgender -partner 3. Variable label for TGAN4N4 is average number transgender -partner 4. Variable label for TGAN5N4 is average number transgender -partner 5.				
SG.1.4. En los **últimos 12 meses**, ¿por cuántos meses usted tuvo relaciones sexuales <u>vaginales o anales</u> con ***[INSERTE EL NOMBRE DE LA PAREJA]***?	*[TGM1N4]*	*[TGM2N4]*	*[TGM3N4]*	*[TGM4N4]*	*[TGM5N4]*
___ ___ meses	___ ___	___ ___	___ ___	___ ___	___ ___
Se negó a contestar 77	77	77	77	77	77
No sabe 88	88	88	88	88	88
	Para todas las	*Para todas las*	*Para todas las*	*Para todas las*	*Para todas las*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
	Pareja 1 ***[INSERTE el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[INSERTE el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[INSERTE el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[INSERTE el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[INSERTE el nombre de la pareja SX_NM5N4]***
	*respuestas, pase a instrucciones antes de TGC1AN4 (*transgénero *relaciones sexuales con condón-pareja 1a).*	*respuestas, salte a instrucciones antes de TGC2AN4 (*transgénero *relaciones sexuales con condón-pareja 2a).*	*respuestas, salte a instrucciones antes de TGC3AN4 (*transgénero *relaciones sexuales con condón-pareja 3a).*	*respuestas, salte a instrucciones antes de TGC4AN4 (*transgénero *relaciones sexuales con condón-pareja 4a).*	*respuestas, salte a instrucciones antes de TGC5AN4 (*transgénero *relaciones sexuales con condón-pareja 5a).*

QDS programming note for TGM1N4 (months transgender-partner 1), TGM2N4 (months transgender-partner 2), TGM3N4 (months transgender-partner 3), TGM4N4 (months transgender-partner 4), TGM5N4 (months transgender-partner 5):
Range 1–12.

If TGM1N4 (months transgender-partner 1) is "0," then display the following message: "Usted me dijo que había tenido relaciones sexuales vaginales o anales con esta pareja en los últimos 12 meses. ***Instrucciones para el entrevistador: confirme la respuesta."***

If the response to TGM1N4 (months transgender-partner 1) is >12, then display the following message: "El número es muy grande***. Instrucciones para el entrevistador: confirme la respuesta***."
If TGM2N4 (months transgender-partner 2) is >12, then display the following message: "El número es muy grande**. Instrucciones para el entrevistador: confirme la respuesta**."
If TGM3N4 (months transgender-partner 3) is >12, then display the following message: "El número es muy grande**. Instrucciones para el entrevistador: confirme la respuesta**."
If TGM4N4 (months transgender-partner 4) is >12, then display the following message: "El número es muy grande**. Instrucciones para el entrevistador: confirme la respuesta**."
If TGM5N4 (months transgender-partner 5) is >12, then display the following message: "El número es muy grande**. Instrucciones para el entrevistador: confirme la respuesta**."

Variable label for TGM1N4 is months transgender-partner 1.
Variable label for TGM2N4 is months transgender -partner 2.
Variable label for TGM3N4 is months transgender -partner 3.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
	Pareja 1 ***[INSERTE el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[INSERTE el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[INSERTE el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[INSERTE el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[INSERTE el nombre de la pareja SX_NM5N4]***
Variable label for TGM4N4 is months transgender -partner 4. Variable label for TGM5N4 is months transgender -partner 5.					
Instrucciones para el entrevistador ***antes de TGC1AN4 (transgénero relaciones sexuales con condón-pareja 1a), TGC2AN4 (transgénero relaciones sexuales con condón-pareja 2a), TGC3AN4 (transgénero relaciones sexuales con condón-pareja 3a), TGC4AN4 (transgénero relaciones sexuales con condó-pareja n 4a), TGC5AN4 (transgénero relaciones sexuales con condón-pareja 5a):*** ***Transgénero/de sexo desconocido o de cualquier sexo y pareja #1-relaciones sexuales vaginales o anales una vez:*** *Si el entrevistado tuvo relaciones sexuales vaginales o anales con la pareja #1 solo una vez (TGEN1N4 [transgénero cantidad de veces de relaciones sexuales-pareja 1] = 1), ENTONCES pase a cuadro Diga antes de TGC1AN4 (transgénero relaciones sexuales con condón pareja 1a).* ***Transgénero/de sexo desconocido o de cualquier sexo y parejas #2, 3, 4, 5-relaciones sexuales vaginales o anales una vez*** *: Si el entrevistado tuvo relaciones sexuales vaginales o anales con las parejas #2, 3, 4 o 5 solo una vez (TGEN2N4 [cantidad de veces de relaciones sexuales-pareja 2]) = 1, (TGEN3N4 [cantidad de veces de relaciones sexuales-pareja 3]) = 1, (TGEN4N4 [cantidad de veces de relaciones sexuales-pareja 4]) = 1, (TGEN5N4 [cantidad de veces de relaciones sexuales-pareja 5]) = 1, ENTONCES pase a TGC2AN4 (transgénero relaciones sexuales con condón-pareja 2a), TGC3AN4 (transgénero relaciones sexuales con condón-pareja 3a), TGC4AN4 (transgénero relaciones sexuales con condón-pareja 4a), TGC5AN4 (transgénero relaciones sexuales con condón-pareja 5a).* *Otherwise, go to Interviewer instructions before TGC1BN4 (condom transgender-partner 1b), TGC2BN4 (condom transgender-partner 2b), TGC3BN4 (condom transgender-partner 3b), TGC4BN4 (condom transgender-partner 4b), TGC5BN4 (condom transgender-partner 5b).*					
Cuadro DIGA antes de TGC1AN4 (transgénero relaciones sexuales con condón-pareja 1a): DIGA: "La siguiente pregunta tiene que ver con el uso del condón. Por favor incluya las veces en que se usó un condón todo el tiempo, no solo parte del tiempo durante las relaciones sexuales".					
SG.1.5.a. En los **últimos 12 meses**, cuando usted tuvo relaciones sexuales vaginales o anales con ***[INSERTE EL NOMBRE DE LA PAREJA]*** ¿se usó un condón? No 0	*[TGC1AN4]* 0	*[TGC2AN4]* 0	*[TGC3AN4]* 0	*[TGC4AN4]* 0	*[TGC5AN4]* 0

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
	Pareja 1 ***[INSERTE el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[INSERTE el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[INSERTE el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[INSERTE el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[INSERTE el nombre de la pareja SX_NM5N4]***
Sí 1	1	1	1	1	1
Se negó a contestar 7	7	7	7	7	7
No sabe 8	8	8	8	8	8
	Para todas las respuestas, salte a STATS1N4 (conoce el estado del VIH-pareja 1).	*Para todas las respuestas, salte a STATS2N4 (conoce el estado del VIH-pareja 2).*	*Para todas las respuestas, salte a STATS3N4 (conoce el estado del VIH-pareja 3).*	*Para todas las respuestas, salte a STATS4N4 (conoce el estado del VIH-pareja 4).*	*Para todas las respuestas, salte a STATS5N4 (conoce el estado del VIH-pareja 5).*

QDS programming note for TGC1AN4 (condom transgender-partner 1a), TGC2AN4 (condom transgender-partner 2a), TGC3AN4 (condom transgender-partner 3a), TGC4AN4 (condom transgender-partner 4a), TGC5AN4 (condom transgender-partner 5a):

Variable label for TGC1AN4 is condom transgender-partner 1a.
Variable label for TGC2AN4 is condom transgender-partner 2a.
Variable label for TGC3AN4 is condom transgender-partner 3a.
Variable label for TGC4AN4 is condom transgender-partner 4a.
Variable label for TGC5AN4 is condom transgender-partner 5a.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Instrucciones para el entrevistador antes de TGC1BN4 (transgénero relaciones sexuales con condón-pareja 1b), TGC2BN4 (transgénero relaciones sexuales con condón-pareja 2b), TGC3BN4 (transgénero relaciones sexuales con condón-pareja 3b), TGC4BN4 (transgénero relaciones sexuales con condón-pareja 4b), TGC5BN4 (transgénero relaciones sexuales con condón-pareja 5b):

Transgénero/de sexo desconocido o de cualquier sexo y pareja #1-relaciones sexuales vaginales o anales más de una vez: *Si el entrevistado tuvo relaciones sexuales vaginales o anales con la pareja #1 más de una vez (TGEN1N4 [transgénero cantidad de veces de relaciones sexuales-pareja 1] ≥ 2 O TG10_1N4 (transgénero relaciones sexuales 10-pareja 1) =1 ENTONCES pase al cuadro Diga antes de TGC1BN4 (transgénero relaciones sexuales con condón-pareja 1b).*

Transgénero/de sexo desconocido o de cualquier sexo y parejas #2, 3, 4, 5-relaciones sexuales vaginales o anales más de una vez: *Si el entrevistado tuvo relaciones sexuales vaginales o anales con parejas #2, 3, 4 o 5 más de una vez (TGEN2N4 [transgénero cantidad de veces de relaciones sexuales-pareja 2]) ≥ 2, (TGEN3N4 [transgénero cantidad de veces de relaciones sexuales-pareja 3]) ≥ 2, (TGEN3N4 [transgénero cantidad de veces de relaciones sexuales-pareja 3]) ≥ 2, (TGEN5N4 [transgénero cantidad de veces de relaciones sexuales-pareja 5]) ≥ 2 O TG10_2N4 (transgénero relaciones sexuales 10-pareja 2) =1, TG10_3N4 (transgénero relaciones sexuales 10-pareja 3) =1, TG10_4N4 (transgénero relaciones sexuales 10-pareja 4) =1, TG10_5N4 (transgénero relaciones sexuales 10-pareja 5) =1, ENTONCES pase a TGC2BN4 (transgénero relaciones sexuales con condón-pareja 2b), TGC3BN4 (transgénero relaciones sexuales con condón-pareja 3c), TGC4BN4 (transgénero relaciones sexuales con condón-pareja 4b), TGC5BN4 (transgénero relaciones sexuales con condón-pareja 5b).*

Cuadro DIGA antes de TGC1BN4 (transgénero relaciones sexuales con condón-pareja 1b): DIGA: "La siguiente pregunta tiene que ver con el uso del condón. Por favor incluya las veces en que se usó un condón todo el tiempo, no solo parte del tiempo durante las relaciones sexuales".

SG.1.5.b. En los **últimos 12 meses**, cuando usted tuvo relaciones sexuales vaginales o anales con ***[INSERTE EL NOMBRE DE LA PAREJA]*** ¿se usó un condón? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].***	*[TGC1BN4]*	*[TGC2BN4]*	*[TGC3BN4]*	*[TGC4BN4]*	*[TGC5BN4]*
Nunca, ni una vez 1	1	1	1	1	1
Una o más veces 2	2	2	2	2	2
Absolutamente todas las veces 3	3	3	3	3	3

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Se negó a contestar	7	7	7	7	7	7
No sabe	8	8	8	8	8	8
		Para todas las respuestas, pase a STATS1N4 (conoce el estado del VIH-pareja 1).	*Para todas las respuestas, pase a STATS1N4 (conoce el estado del VIH-pareja 1).*	*Para todas las respuestas, pase a STATS1N4 (conoce el estado del VIH-pareja 1).*	*Para todas las respuestas, pase a STATS1N4 (conoce el estado del VIH-pareja 1).*	*Para todas las respuestas, pase a STATS1N4 (conoce el estado del VIH-pareja 1).*

QDS programming note for TGC1BN4 (condom transgender 1b), TGC2BN4 (condom transgender 2b), TGC3BN4 (condom transgender 3b), TGC4BN4 (condom transgender 4b), TGC5BN4 (condom transgender 5b):
Variable label for TGC1BN4 is condom transgender-partner 1b.
Variable label for TGC2BN4 is condom transgender-partner 2b.
Variable label for TGC3BN4 is condom transgender-partner 3b.
Variable label for TGC4BN4 is condom transgender-partner 4b.
Variable label for TGC5BN4 is condom transgender-partner 5b.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Estado del VIH (SS)

Preguntas	Parejas sexuales				
	Pareja 1 ***[INSERTE el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[INSERTE el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[INSERTE el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[INSERTE el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[INSERTE el nombre de la pareja SX_NM5N4]***
Instructions for status partner-by-partner series table: The questions and response options are in the far left column of the table. Each question is asked for partners 1–5. Partners 1-5 are labeled in columns Partner 1, Partner 2, Partner 3, Partner 4, and Partner 5. All Partner 1 questions are asked before moving to Partner 2 questions. Detailed instructions are provided in each table cell. When question instructions say "inserte el nombre de la pareja," and the variable is in the Partner 1 column, then insert response from SX_NM1N4 (name of partner 1). When question instructions say "inserte el nombre de la pareja," and variable is in the Partner 2 column, insert response to SX_NM2N4 (name of partner 2). When question instructions say "inserte el nombre de la pareja," and variable is in the same column as Partner 3, insert response to SX_NM3N4 (name of partner 3). When question instructions say "inserte el nombre de la pareja," and variable is in the same column as Partner 4, insert response to SX_NM4N4 (name of partner 4). When question instructions say "inserte el nombre de la pareja," and variable is in the same column as Partner 5, insert response to SX_NM5N4 (name of partner 5).					
SS.1.0. ¿***[INSERTE EL NOMBRE DE LA PAREJA]*** conoce su estado del VIH?	*[STATS1N4]*	*[STATS2N4]*	*[STATS3N4]*	*[STATS4N4]*	*[STATS5N4]*
No 0	0 *Salte a STPRT1N4 (estado del VIH de la pareja-pareja 1).*	0 *Salte a STPRT2N4 (estado del VIH de la pareja-pareja 2).*	0 *Salte a STPRT3N4 (estado del VIH de la pareja-pareja 3).*	0 *Salte a STPRT4N4 (estado del VIH de la pareja-pareja 4).*	0 *Salte a STPRT5N4 (estado del VIH de la pareja-pareja 5).*
Sí 1	1 *Pase a AWRST1N4 (conocía su estado del VIH en cada*	1 *Pase a AWRST2N4 (conocía su estado del VIH en cada*	1 *Pase a AWRST3N4 (conocía su estado del VIH en cada*	1 *Pase a AWRST4N4 (conocía su estado del VIH en cada*	1 *Pase a AWRST5N4 (conocía su estado del VIH en cada*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
	encuentro sexual-pareja 1).	*encuentro sexual-pareja 2).*	*encuentro sexual-pareja 3).*	*encuentro sexual-pareja 4).*	*encuentro sexual-pareja 5).*
Se negó a contestar 7	7	7	7	7	7
	Salte a STPRT1N4 (estado del VIH de la pareja-pareja 1).	*Salte a STPRT2N4 (estado del VIH de la pareja-pareja 2).*	*Salte a STPRT3N4 (estado del VIH de la pareja-pareja 3).*	*Salte a STPRT4N4 (estado del VIH de la pareja-pareja 4).*	*Salte a STPRT5N4 (estado del VIH de la pareja-pareja 5).*
No sabe 8	8	8	8	8	8
	Salte a STPRT1N4 (estado del VIH de la pareja-pareja 1).	*Salte a STPRT2N4 (estado del VIH de la pareja-pareja 2).*	*Salte a STPRT3N4 (estado del VIH de la pareja-pareja 3).*	*Salte a STPRT4N4 (estado del VIH de la pareja-pareja 4).*	*Salte a STPRT5N4 (estado del VIH de la pareja-pareja 5).*
QDS programming note for STATS1N4 (aware status-partner 1), STATS2N4 (aware status-partner 2), STATS3N4 (aware status-partner 3), STATS4N4 (aware status-partner 4), STATS5N4 (aware status-partner 5): Variable label for STATS1N4 is aware status-partner 1. Variable label for STATS2N4 is aware status-partner 2. Variable label for STATS3N4 is aware status-partner 3. Variable label for STATS4N4 is aware status-partner 4. Variable label for STATS5N4 is aware status-partner 5.					
SS.1.1. En los **últimos 12 meses**, ¿***[INSERT PARTNER NAME]*** conocía su estado del VIH cada vez que tuvieron relaciones sexuales?	*[AWRST1N4]*	*[AWRST2N4]*	*[AWRST3N4]*	*[AWRS41N4]*	*[AWRST5N4]*
No 0	0	0	0	0	0
Sí 1	1	1	1	1	1
Se negó a contestar 7	7	7	7	7	7

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
No sabe 8	8 *Para todas las respuestas, pase a STPRT1N4 (estado del VIH de la pareja-pareja 1).*	8 *Para todas las respuestas, pase a STPRT2N4 (estado del VIH de la pareja-pareja 2).*	8 *Para todas las respuestas, pase a STPRT3N4 (estado del VIH de la pareja-pareja 3).*	8 *Para todas las respuestas, pase a STPRT4N4 (estado del VIH de la pareja-pareja 4).*	8 *Para todas las respuestas, pase a STPRT5N4 (estado del VIH de la pareja-pareja 5).*
QDS programming note for AWRST1N4 (aware status every sex-partner 1), AWRST2N4 (aware status every sex-partner 2), AWRST3N4 (aware status every sex-partner 3), AWRST4N4 (aware status every sex -partner 4), AWRST5N4 (aware status every sex -partner 5): Variable label for AWRST1N4 is Aware status every sex -partner 1. Variable label for AWRST2N4 is Aware status every sex -partner 2. Variable label for AWRST3N4 is Aware status every sex -partner 3. Variable label for AWRST4N4 is Aware status every sex -partner 4. Variable label for AWRST5N4 is Aware status every sex -partner 5.					
SS.2.0. ¿Conoce el estado del VIH de ***[INSERTE EL NOMBRE DE LA PAREJA]***? No 0	*[STPRT1N4]* 0 *Si* SX_TOTN4 = 1, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 2, *salte a instrucciones para el entrevistador antes de SXPGN2N4 (sexo de la pareja-pareja*	*[STPRT2N4]* 0 *Si* SX_TOTN4 = 2, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 3, *salte a instrucciones para el entrevistador antes de SXPGN3N4 (sexo de la pareja-pareja*	*[STPRT3N4]* 0 *Si* SX_TOTN4 = 3, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 4, *salte a instrucciones para el entrevistador antes de SXPGN4N4 (sexo de la pareja-pareja*	*[STPRT4N4]* 0 *Si* SX_TOTN4 = 4, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 4, *salte a instrucciones para el entrevistador antes de SXPGN5N4 (sexo de la pareja-pareja*	*[STPRT5N4]* 0 *Si* SX_TOTN4 = 5, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 5, *salte a la sección de información agregada.*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
	2).	*3).*	*4).*	*5).*	
Sí 1	1 *Pase a PRTST1N4 (sabía estado del VIH de la pareja en primer encuentro sexual-pareja 1).*	1 *Pase a PRTST2N4 (sabía estado del VIH de la pareja en primer encuentro sexual-pareja 2).*	1 *Pase a PRTST3N4 (Sabía estado del VIH de la pareja en primer encuentro sexual-pareja 3).*	1 *Pase a PRTST4N4 (Sabía estado del VIH de la pareja en primer encuentro sexual-pareja 4).*	1 *Pase a PRTST5N4 (Sabía estado del VIH de la pareja en primer encuentro sexual-pareja 5).*
		7 *Si* SX_TOTN4 = 2, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 3, *salte a instrucciones para el entrevistador antes de SXPGN3N4 (sexo de la pareja-pareja 3).*	7 *Si* SX_TOTN4 = 3, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 4, *salte a instrucciones para el entrevistador antes de SXPGN4N4 (sexo de la pareja-pareja 4).*	7 *Si* SX_TOTN4 = 4, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 4, *salte a instrucciones para el entrevistador antes de SXPGN5N4 (sexo de la pareja-pareja 5).*	7 *Si* SX_TOTN4 = 5, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 5, *salte a la sección de información agregada.*
Se negó a contestar 7	7 *Si* SX_TOTN4 = 1, salte a la sección de seroselección *(cuadro Diga*	8 *Si* SX_TOTN4 = 2, salte a la sección de seroselección *(cuadro Diga antes de*	8 *Si* SX_TOTN4 = 3, salte a la sección de seroselección *(cuadro Diga antes de*	8 *Si* SX_TOTN4 = 4, salte a la sección de seroselección *(cuadro Diga antes de*	8 *Si* SX_TOTN4 = 5, salte a la sección de seroselección *(cuadro Diga antes de*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
	antes de SEROSRT1). Si SX_TOTN4 ≥ 2, *salte a instrucciones para el entrevistador antes de SXPGN2N4 (sexo de la pareja-pareja 2).*	*SEROSRT1). Si* SX_TOTN4 ≥ 3, *salte a instrucciones para el entrevistador antes de SXPGN3N4 (sexo de la pareja-pareja 3).*	*SEROSRT1). Si* SX_TOTN4 ≥ 4, *salte a instrucciones para el entrevistador antes de SXPGN4N4 (sexo de la pareja-pareja 4).*	*SEROSRT1). Si* SX_TOTN4 ≥ 4, *salte a instrucciones para el entrevistador antes de SXPGN5N4 (sexo de la pareja-pareja 5).*	*SEROSRT1). Si* SX_TOTN4 ≥ 5, *salte a la sección de información agregada.*
No sabe 8	8 *Si* SX_TOTN4 = 1, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 2, *salte a instrucciones para el entrevistador antes de SXPGN2N4 (sexo de la pareja-pareja 2).*				
QDS programming note for STPRT1N4 (Partner status-partner 1), STPRT2N4 (Partner status-partner 2), STPRT3N4 (Partner status-partner 3), STPRT4N4 (Partner status-partner 4), STPRT5N4 (Partner status-partner 5): Variable label for STPRT1N4 is Partner status-partner 1. Variable label for STPRT2N4 is Partner status-partner 2. Variable label for STPRT3N4 is Partner status-partner 3. Variable label for STPRT4N4 is Partner status-partner 4. Variable label for STPRT5N4 is Partner status-partner 5.					

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
SS.2.1. En los **últimos 12 meses,** ¿cuál fue el estado del VIH de ***[INSERTE EL NOMBRE DE LA PAREJA]*** la primera vez que tuvieron relaciones sexuales? ***[NO LEA LAS OPCIONES. MARQUE SOLO UNA].***	*[PRTST1N4]*	*[PRTST2N4]*	*[PRTS31N4]*	*[PRTST4N4]*	*[PRTST5N4]*
VIH positivo 1	1 *Si* SX_TOTN4 = 1, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 2, *salte a instrucciones para el entrevistador antes de SXPGN2N4 (sexo de la pareja-pareja 2).*	1 *Si* SX_TOTN4 = 2, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 3, *salte a instrucciones para el entrevistador antes de SXPGN3N4 (sexo de la pareja-pareja 3).*	1 *Si* SX_TOTN4 = 3, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 4, *salte a instrucciones para el entrevistador antes de SXPGN4N4 (sexo de la pareja-pareja 4).*	1 *Si* SX_TOTN4 = 4, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 4, *salte a instrucciones para el entrevistador antes de SXPGN5N4 (sexo de la pareja-pareja 5).*	1 *Si* SX_TOTN4 = 5, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 5, *salte a la sección de información agregada.*
VIH negativo 2	2 *Pase a PREP1N4 (PrEP-pareja 1).*	2 *Pase a PREP2N4 (PrEP-pareja 2).*	2 *Pase a PREP3N4 (PrEP-pareja 3).*	2 *Pase a PREP4N4 (PrEP-pareja 4).*	2 *Pase a PREP5N4 (PrEP-pareja 5).*
Se negó a contestar 7	7 *Si* SX_TOTN4 = 1, salte a la sección de seroselección *(cuadro Diga*	7 *Si* SX_TOTN4 = 2, salte a la sección de seroselección *(cuadro Diga*	7 *Si* SX_TOTN4 = 3, salte a la sección de seroselección *(cuadro Diga*	7 *Si* SX_TOTN4 = 4, salte a la sección de seroselección *(cuadro Diga*	7 *Si* SX_TOTN4 = 5, salte a la sección de seroselección *(cuadro Diga*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
	antes de SEROSRT1). Si SX_TOTN4 ≥ 2, *salte a instrucciones para el entrevistador antes de SXPGN2N4 (sexo de la pareja-pareja 2).*	*antes de SEROSRT1). Si* SX_TOTN4 ≥ 3, *salte a instrucciones para el entrevistador antes de SXPGN3N4 (sexo de la pareja-pareja 3).*	*antes de SEROSRT1). Si* SX_TOTN4 ≥ 4, *salte a instrucciones para el entrevistador antes de SXPGN4N4 (sexo de la pareja-pareja 4).*	*antes de SEROSRT1). Si* SX_TOTN4 ≥ 4, *salte a instrucciones para el entrevistador antes de SXPGN5N4 (sexo de la pareja-pareja 5).*	*antes de SEROSRT1). Si* SX_TOTN4 ≥ 5, *salte a la sección de información agregada.*
No sabe 8	8 *Si* SX_TOTN4 = 1, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 2, *salte a instrucciones para el entrevistador antes de SXPGN2N4 (sexo de la pareja-pareja 2).*	8 *Si* SX_TOTN4 = 2, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 3, *salte a instrucciones para el entrevistador antes de SXPGN3N4 (sexo de la pareja-pareja 3).*	8 *Si* SX_TOTN4 = 3, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 4, *salte a instrucciones para el entrevistador antes de SXPGN4N4 (sexo de la pareja-pareja 4).*	8 *Si* SX_TOTN4 = 4, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 4, *salte a instrucciones para el entrevistador antes de SXPGN5N4 (sexo de la pareja-pareja 5).*	8 *Si* SX_TOTN4 = 5, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 5, *salte a la sección de información agregada.*

QDS programming note for PRTST1N4 (Partner status first sex-partner 1), PRTST2N4 (Partner status first sex-partner 2), PRTST3N4 (Partner status first sex-partner 3), PRTST4N4 (Partner status first sex-partner 4), PRTST5N4 (Partner status first sex-partner 5):
Variable label for PRTST1N4 is Partner status first sex-partner 1.
Variable label for PRTST2N4 is Partner status first sex-partner 2.
Variable label for PRTST3N4 is Partner status first sex-partner 3.
Variable label for PRTST4N4 is Partner status first sex-partner 4.
Variable label for PRTST5N4 is Partner status first sex-partner 5.

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Profilaxis de prexposición (SR)

Preguntas		Parejas sexuales				
		Pareja 1 ***[INSERTE el nombre de la pareja SX_NM1N4]***	Pareja 2 ***[INSERTE el nombre de la pareja SX_NM2N4]***	Pareja 3 ***[INSERTE el nombre de la pareja SX_NM3N4]***	Pareja 4 ***[INSERTE el nombre de la pareja SX_NM4N4]***	Pareja 5 ***[INSERTE el nombre de la pareja SX_NM5N4]***
SR.1.0. A veces las personas que son VIH negativas toman medicamentos antirretrovirales, tales como Truvada, para evitar contraer el VIH. ¿***[INSERTE EL NOMBRE DE LA PAREJA]*** estaba tomando medicamentos antirretrovirales para evitar contraer el VIH la última vez que tuvieron relaciones sexuales? Si no está seguro, no hay problema.		*[PREP1N4]*	*[PREP2N4]*	*[PREP3N4]*	*[PREP4N4]*	*[PREP5N4]*
No	0	0	0	0	0	0
Sí	1	1	1	1	1	1
Se negó a contestar	7	7	7	7	7	7
No sabe	8	8	8	8	8	8
		Si SX_TOTN4 = 1, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 2, *salte a instrucciones para el entrevistado*	*Si* SX_TOTN4 = 2, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 3, *salte a instruccione*	*Si* SX_TOTN4 = 3, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 4, *salte a instruccione*	*Si* SX_TOTN4 = 4, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 4, *salte a instruccione*	*Si* SX_TOTN4 = 5, salte a la sección de seroselección *(cuadro Diga antes de SEROSRT1). Si* SX_TOTN4 ≥ 6, *salte a la sección de*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Preguntas	Parejas sexuales				
	r antes de SXPGN2N4 (sexo de la pareja-pareja 2).	*s para el entrevistador antes de SXPGN3N4 (sexo de la pareja-pareja 3).*	*s para el entrevistador antes de SXPGN4N4 (sexo de la pareja-pareja 4).*	*s para el entrevistador antes de SXPGN5N4 (sexo de la pareja-pareja 5).*	*información agregada.*
QDS programming note for PREP1N4 (PrEP-partner 1), PREP2N4 (PrEP-partner 2), PREP3N4 (PrEP-partner 3), PREP4N4 (PrEP-partner 4), PREP5N4 (PrEP-partner 5): Variable label for PREP1N4 is PrEP-partner 1. Variable label for PREP2N4 is PrEP-partner 2. Variable label for PREP3N4 is PrEP-partner 3. Variable label for PREP4N4 is PrEP-partner 4. Variable label for PREP5N4 is PrEP-partner 5.					

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Información agregada (SA)

***DIGA**:* "Acabamos de hablar acerca de las cinco personas con las que usted tuvo relaciones sexuales más recientemente. Ahora quisiera hacerle algunas preguntas acerca de la otra pareja o las otras parejas con quienes usted tuvo relaciones sexuales en los **últimos 12 meses**. Para responder estas preguntas, por favor no incluya las parejas sobre las que ya habló".

***Instrucciones para el entrevistador antes de SXAGC1N4 (uso de condón agregado con 6 parejas)**:*
Si el entrevistado reportó 7 o más parejas sexuales (SX_TOTN4 ≥ 7), salte a SXAGC2N4 (uso de condón agregado-más de 6 parejas). Si el entrevistado reportó 6 parejas (SX_TOTN4=6), pase a SXAGC1N4 (uso de condón agregado-6 parejas).

SA.1.0. En los **últimos 12 meses**, ¿se usó siempre un condón cuando usted tuvo relaciones sexuales vaginales o anales con su otra pareja? *[SXAGC1N4]*

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

QDS programming note for SXAGC1N4 (aggregate condom use 6 partners):
Variable label is aggregate condom use-6 partners.

SA.1.1. ¿Su otra pareja era VIH positiva? *[SXAGP1N4]*

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

QDS programming note for SXAGP1N4 (aggregate partner status-6 partners):
Variable label is aggregate partner status-6 partners.

Instrucciones para el entrevistador después de SXAGP1N4 (estado del VIH de la pareja agregado-6 parejas):
Salte a la sección de seroselección (cuadro Diga antes de SEROSRT1).

SA.1.2 En los **últimos 12 meses**, ¿con cuántas de estas ***[INSERTE SX_TOTN4-5]*** otras parejas se usó siempre un condón cuando ustedes tuvieron relaciones sexuales vaginales o anales? *[SXAGC2N4]*

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__ __ __ [7777 = Se negó a contestar, 8888 = No sabe]

QDS programming note for SXAGC2N4 (aggregate condom use-more than 6 partners):
Range is 0–999.
Variable label is aggregate condom use-more than 6 partners.

If SXAGC2N4 (aggregate condom use-more than 6 partners) is greater than **SX_TOTN4-5** then display the following: "La cantidad de parejas adicionales con quienes usted usó un condón no puede ser mayor que [inserte el valor de SX_TOTN4-5]. Confirme la respuesta." Go back to SXAGC2N4 (aggregate condom use-more than 6 partners.

Calculated variable SXAGUPN4: Create a calculated variable to indicate the aggregate number of partners with whom the respondent had unprotected sex. If SX_TOTN4 is > 5, then create SXAGUPN4 where (SX_TOTN4-5)-SXAGC2N4. (If SXAGC2N4 is don't know or refuse, assign it a 7777 if refused or 8888 if don't know.)

Variable label is aggregate number of unprotected sex partners.

Instrucciones para el entrevistador para SXAGC2N4 (uso de condón agregado-más de 6 parejas): *Si SXAGC2N4 (uso de condón agregado-más de 6 parejas) = SX_TOTN4 (cantidad total de parejas), "no sabe" o "se negó a contestar", salte a la sección de seroselección (cuadro Diga antes de SEROSRT1). De lo contrario, pase a SXAGC3N4 (uso de condón agregado-más de 6 parejas).*

SA.1.3 Entonces, ¿usted tuvo relaciones sexuales sin protección con ***[INSERTE LA RESPUESTA DE SXAGUPN4]*** de estas otras parejas? *[SXAGC3N4]*

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

QDS programming note for SXAGC3N4 (aggregate unprotected sex-more than 6 partners):
Variable label is aggregate unprotected sex-more than 6 partners.

Si SXAGC3N4 (relaciones sexuales sin protección agregadas-más de 6 parejas) es "se negó a contestar" o "no sabe", regrese a SXAGC2N4 (uso de condón agregado-más de 6 parejas).

SA.1.4 ¿Cuántas de esas ***[INSERTE RESPUESTA DE SXAGUPN4]*** otras parejas eran VIH positivas? *[SXAGP2N4]*

__ __ __ ***[7777 = Se negó a contestar, 8888 = No sabe]***

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

QDS programming note for SXAGP2N4 (aggregate concordant partners-more than 6 partners):
Range is 0–999.
SXAGP2N4 cannot be greater than SXAGUPN4. If SXAGP2N4 > SXAGUPN4, then display the following message, “La respuesta está por fuera del intervalo” and return to SXAGP2N4 (aggregate concordant partners-more than 6 partners).
Variable label for SXAGP2N4 is aggregate concordant partners-more than 6 partners.

Seroselección (escoger pareja sexual con base en el estado del VIH)

DIGA: "En las siguientes preguntas, le leeré una frase y le preguntaré si usted está completamente en desacuerdo, algo en desacuerdo, le es indiferente, un poco de acuerdo o completamente de acuerdo. Algunas de las declaraciones puede que no tengan que ver con su situación; sin embargo, dígame si cree que estaría de acuerdo o en desacuerdo. Usaremos la **Tarjeta de respuesta L** para las siguientes cuatro preguntas".

S26. Si mi pareja me dice que es VIH positiva, es más probable que tenga relaciones sexuales con él o ella sin condón. ***[MARQUE SOLO UNA].*** ***[SEROSRT1]***

Completamente en desacuerdo ..... ☐ 1

Algo en desacuerdo ..... ☐ 2

Indiferente ..... ☐ 3

Algo de acuerdo ..... ☐ 4

Completamente de acuerdo ..... ☐ 5

Se negó a contestar ..... ☐ 7

No sabe ..... ☐ 8

S27. Si mi pareja me dice que es VIH positiva, no tenemos que preocuparnos por usar condón. ***[MARQUE SOLO UNA].*** ***[SEROSRT2]***

Completamente en desacuerdo ..... ☐ 1

Algo en desacuerdo ..... ☐ 2

Indiferente ..... ☐ 3

Algo de acuerdo ..... ☐ 4

Completamente de acuerdo ..... ☐ 5

Se negó a contestar ..... ☐ 7

No sabe ..... ☐ 8

S28. Si mi carga viral de VIH es indetectable, es más probable que no use condón durante las relaciones sexuales. ***[MARQUE SOLO UNA].*** ***[SEROSRT3]***

Completamente en desacuerdo ..... ☐ 1

Algo en desacuerdo ..... ☐ 2

Indiferente ..... ☐ 3

Algo de acuerdo ..... ☐ 4

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Completamente de acuerdo ..... ☐ 5

Se negó a contestar..... ☐ 7
No sabe ..... ☐ 8

S29. Tener una carga viral de VIH indetectable significa que no me tengo que preocupar tanto de usar condón. ***[MARQUE SOLO UNA].*** ***[SEROSRT4]***

Completamente en desacuerdo ..... ☐ 1

Algo en desacuerdo ..... ☐ 2

Indiferente ..... ☐ 3

Algo de acuerdo ..... ☐ 4

Completamente de acuerdo ..... ☐ 5

Se negó a contestar..... ☐ 7
No sabe ..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Consumo de drogas y alcohol (U)

Consumo de cigarrillos y alcohol

DIGA: "Las siguientes preguntas tienen que ver con el consumo de cigarrillos".

U1. ¿Ha fumado al menos 100 cigarrillos en toda su vida? ***[CIG_EVR]***

No ..... ☐ 0 → *Salte al cuadro Diga antes de U2*
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Salte al cuadro Diga antes de U2

DIGA: "Ahora usaremos la **Tarjeta de respuesta M**".

U1a. ¿Con qué frecuencia fuma cigarrillos en la actualidad? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[CIG_OFT]***

Diariamente ..... ☐ 1
Semanalmente ..... ☐ 2
Mensualmente ..... ☐ 3
Menos que mensualmente ..... ☐ 4
Nunca ..... ☐ 5
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

DIGA: "Ahora, le voy a hacer preguntas sobre cualquier tipo de bebida alcohólica que pudo haber tomado. Usaremos la **Tarjeta de respuesta M**".

U2. En los **últimos 12 meses**, ¿con qué frecuencia tomó bebidas alcohólicas? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[ALCOHO_9]***

Diariamente ..... ☐ 1
Semanalmente ..... ☐ 2
Mensualmente ..... ☐ 3
Menos que mensualmente ..... ☐ 4
Nunca ..... ☐ 5
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Salte al cuadro Diga antes de

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Instrucciones para el entrevistador: Si SX_TOTN4 (cantidad total de parejas sexuales) ≥1 O si SXFFONN4 (mujer con parejas femeninas solamente) =1, pase a U3. De lo contrario, salte al cuadro Diga antes de U4.

U3. En los **últimos 12 meses**, ¿tomó bebidas alcohólicas antes de o durante las relaciones sexuales? ***[ALCOHOL1]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

DIGA: "Ahora le voy a hacer algunas preguntas. Usaremos el calendario para referirnos a los 30 días pasados".

U4. En los **últimos 30 días**, ¿cuántos días tomó alguna bebida alcohólica? ***[DRINK_9]***

___ ____ *[Se negó a contestar = 77, No sabe = 88]*

***Control de discrepancias**: U4 (número de días en los que tomó una bebida alcohólica en los últimos 30 días) debe ser entre 0 y 30.*

Instrucciones para el entrevistador: si U4 (número de días en los que consumió bebidas alcohólicas en los últimos 30 días) es "0", "Se negó a contestar" o "No sabe", salte al cuadro Diga antes de U8.

DIGA: "Usaremos la **Tarjeta de respuesta sobre consumo de alcohol** para las siguientes preguntas. Para estas preguntas, un trago de alcohol significa una cerveza de 12 oz, una copa de vino de 5 oz o un trago de licor de 1.5 oz".

U5. En los **últimos 30 días**, ¿cuántos tragos de bebida alcohólica tomó durante un día típico en el que estaba bebiendo? ***[NDRINK_9]***

___ ____ *[Se negó a contestar = 77, No sabe = 88]*

***Control de discrepancias**: U5 (número de tragos que tomó en un día típico en los últimos 30 días) debe ser entre 1 y 30.*

Instrucciones para el entrevistador: si [BIRTGEN] es "Femenino" o "Intersexo/ambiguo", salte a U7.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

U6. En los **últimos 30 días**, ¿cuántos días tomó 5 o más tragos en una ocasión? ***[DRINK5_9]***

___ ____ *[Se negó a contestar = 77, No sabe = 88]*

QDS programming note: If U6 > U4 then READ: "El número de días en los últimos 30 días que tomó 5 o más tragos (*[respuesta de DRINK5_9])* no puede ser mayor al número de días en que tomó un trago en los últimos 30 días (*[respuesta de DRINK_9]).*"

Control de discrepancias: U6 (número de días en los que tomó 5 o más tragos en los últimos 30 días) debe ser ≤ 30 y ≤ U4 (número de días en los que tomó un trago en los últimos 30 días).

Instrucciones para el entrevistador: salte al cuadro Diga antes de U8.

U7. En los **últimos 30 días**, ¿cuántos días tomó 4 o más tragos en una ocasión? ***[DRINK4_9]***

___ ____ *[Se negó a contestar = 77, No sabe = 88]*

Control de discrepancias: U7 (número de días en los que tomó 4 o más tragos en los últimos 30 días) debe ser ≤ 30 y ≤ U4 (número de días en los que tomó un trago en los últimos 30 días).

QDS programming note: If U7 > U4 then READ: "El número de días en los últimos 30 días que tomó 4 o más tragos (*[respuesta de DRINK4_9*]) no puede ser mayor al número de días en que tomó un trago en los últimos 30 días (*[respuesta de DRINK_9*])."

Consumo de drogas no inyectables

DIGA: "Ahora le voy a hacer preguntas sobre drogas que pudo haber usado, pero de las que no se inyectan. Voy a llamarlas drogas no inyectables. Entre ellas se incluyen marihuana, crack, drogas de club y analgésicos. Cuénteme sobre las drogas que consumió que no eran para tratamiento médico".

U8. En los **últimos 12 meses**, ¿consumió alguna droga no inyectable? ***[ANID12_9]***

No ..... ☐ 0 → *Pase al cuadro Diga antes de U12*

Sí ..... ☐ 1

Se negó a contestar ..... ☐ 7

No sabe ..... ☐ 8

Pase al cuadro Diga antes de

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

DIGA: "Le voy a leer una lista de drogas no inyectables. Por cada una que mencione, por favor diga con qué frecuencia la consumió en los **últimos 12 meses**. No incluya las drogas inyectables ni los medicamentos usados para tratamiento médico". "Para estas preguntas usaremos la **Tarjeta de respuesta M**".

Instrucciones para el entrevistador: si el consumo de drogas del entrevistado fue esporádico en los últimos 12 meses, pídale al entrevistado que seleccione la opción de respuesta que mejor describa su consumo de drogas.

	En los **últimos 12 meses** ¿con qué frecuencia consumió:	**Diariamen** (1)	**Semanalmen** (2)	**Mensualmen** (3)	**Menos que mensualmen** (4)	**Nunca** (5)	**Se negó a contestar**	**No sabe** (8)
U9a.	…metanfetaminas, también conocidas en inglés como *crystal meth, tina, crank* o *ice*? ***[CRYMTC_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9b.	…otras anfetaminas o estimulantes? ***[AMPHET_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9c.	…crack? ***[CRACK1_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9d.	…cocaína que se fuma o inhala? ***[COCSMO_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9e.	…sedantes como Valium, Ativan o Xanax? ***[DOWNER_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9f.	…analgésicos, como Oxycontin, Vicodin o Percocet? ***[PAINKI_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9g.	…alucinógenos, como LSD u hongos? ***[HALLUC_9***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9h.	…X, también llamado éxtasis? ***[XECT_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9i.	…Special K, también llamado quetamina? ***[SPECK_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9j.	…GHB? ***[GHB_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9k.	…heroína u opio que se fuma o se inhala? ***[HEROIN_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

	En los **últimos 12 meses** ¿con qué frecuencia consumió:	**Diariamen** (1)	**Semanalmen** (2)	**Mensualmen** (3)	**Menos que mensualmen** (4)	**Nunca** (5)	Se negó a contestar	No sabe (8)
U9l.	…marihuana? ***[MARIJU_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9m.	…*poppers*, también llamad nitrato de amilo? ***[POPPER_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9n.	…esteroides u hormonas? ***[STRHOR_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U9o.	…cualquier otra droga no inyectable? ***(Especifique:_____*** ***[ONINJD_9] [ONINJ9OS]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8

Control de discrepancias: si U8 (consumo de drogas no inyectables) es "Sí" y todas las respuestas a U9a-U9o son "Nunca", entonces QDS muestra un mensaje que dice, "Usted dijo que había consumido drogas no inyectables en los últimos 12 meses. Por favor dígame el nombre de la droga que consumió y qué tanto la usó en los últimos 12 meses". Entrevistador regrese al cuadro Diga después de U8.

Instrucciones para el entrevistador: Si SX_TOTN4 (cantidad total de parejas sexuales) ≥1 O si SXFFONN4 (mujer con parejas femeninas solamente) =1, pase a U10. De lo contrario, salte al cuadro Diga antes de U12.

U10. En los **últimos 12 meses**, ¿consumió alguna droga no inyectable antes de o durante las relaciones sexuales? ***[NID_BFSX]***

No ..... ☐ 0 ⟹ *Salte al cuadro Diga antes de U12*
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8 } *Salte al cuadro Diga antes de*

Instrucciones para el entrevistador: Si U9a es "Diariamente", "Semanalmente", "Mensualmente" o "Menos que mensualmente", marque la casilla sombreada (columna 1) en U11a. Siga el mismo patrón para b–o. Si no hay casillas sombreadas (columna 1) marcadas en U11a–o, salte al cuadro Diga antes de U12.

		En los **últimos 12 meses**, ¿usted usó: ***[SOLO LEA LAS PREGUNTAS DONDE LA CASILLA SOMBREADA (COLUMNA 1) ESTÉ MARCADA.]***	**No** (0)	**Sí** (1)	Se negó a contestar	No sabe (8)
☐	U11a.	…metanfetaminas antes de o durante	☐ 0	☐ 1	☐ 7	☐ 8

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		las relaciones sexuales? ***[CRAMT2_9]***				
☐	U11b.	…otras anfetaminas o estimulantes antes de o durante las relaciones sexuales? ***[AMPHT2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11c.	…crack antes de o durante las relaciones sexuales? ***[CRACK2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11d.	…cocaína que se fuma o inhala antes de o durante las relaciones sexuales? ***[COCSM2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11e.	…sedantes, como Valium, Ativan o Xanax, antes de o durante las relaciones sexuales? ***[DOWNE2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11f.	…analgésicos, como Oxycontin, Vicodin o Percocet, antes de o durante las relaciones sexuales? ***[PAINK2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11g.	…alucinógenos, como LSD u hongos, antes de o durante las relaciones sexuales? ***[HALLU2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11h.	…X, también llamado éxtasis, antes de o durante las relaciones sexuales? ***[XECT2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11i.	…Special K, también llamado quetamina, antes de o durante las relaciones sexuales? ***[SPECK2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11j.	…GHB antes de o durante las relaciones sexuales? ***[GHB2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11k.	…heroína u opio que se fuma o se inhala antes de o durante las relaciones sexuales? ***[HEROI2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11l.	…marihuana antes de o durante las relaciones sexuales? ***[MARIJ2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11m.	…poppers, también llamados nitrato de amilo, antes de o durante las relaciones sexuales? ***[POPPE2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11n.	…esteroides u hormonas antes de o durante las relaciones sexuales? ***[STRHO2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U11o.	… ***[RESPUESTA DE U9o]*** antes de o durante las relaciones sexuales? ***[ONINJ2_9]***	☐ 0	☐ 1	☐ 7	☐ 8

Control de discrepancias: si U10 (consumo de drogas no inyectables antes de o durante las relaciones sexuales) es "Sí" y todas las respuestas a U11a-U11o son "No", entonces QDS

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muestra un mensaje que dice, "Usted dijo que había consumido drogas no inyectables antes de o durante las relaciones sexuales en los últimos 12 meses. Por favor dígame el nombre de la droga que consumió y qué tanto la usó antes de o durante las relaciones sexuales en los últimos 12 meses". Entrevistador regrese a U11a.

Consumo de drogas inyectables

DIGA: "Las siguientes preguntas tienen que ver con el consumo de drogas inyectables. Esto quiere decir las drogas que se inyecta usted mismo o que otra persona le inyecta. Recuerde que sus respuestas serán confidenciales".

U12. ¿Se inyectó **alguna vez** drogas que no tenían una finalidad médica? Al decir inyectarse, me refiero a toda vez que pueda haber usado drogas con una aguja, ya sea inyectándose en una vena principal, de modo subcutáneo o intramuscular. *[EVERINJ]*

No ..... ☐ 0 → *Salte al cuadro Diga antes de B1.*
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8 } *Salte al cuadro Diga antes de B1.*

U12a. En los **últimos 12 meses**, ¿se ha inyectado alguna droga que no fuera para tratamiento médico? Al decir inyectar, quiero decir cualquier ocasión en la que ha usado drogas con una aguja, ya sea inyectándose en una vena, de modo subcutáneo (debajo de la piel) o intramuscular (directamente en un músculo pero no en una vena). *[INJECT12]*

No ..... ☐ 0 → *Salte al cuadro Diga antes de B1.*
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8 } *Salte al cuadro Diga antes de B1.*

DIGA: "Ahora le voy a leer una lista de drogas. Por cada droga que mencione, por favor diga con qué frecuencia se la inyectó en los **últimos 12 meses**. Usaremos la **Tarjeta de respuesta M** para estas preguntas".

Instrucciones para el entrevistador: si el consumo de drogas del entrevistado fue esporádico en los últimos 12 meses, pídale al entrevistado que seleccione la opción de respuesta que mejor describa su consumo de drogas.

	En los **últimos 12 mes** ¿con qué frecuencia se inyectó:	**Diariamen** (1)	**Semanalmen** (2)	**Mensualmen** (3)	**Menos que mensualmen** (4)	**Nunca** (5)	**Se negó a contestar**	**No sabe** (8)
U13a.	…una mezcla de heroí y cocaína, también llamada speedballs en inglés? *[HERCOC_9]*	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U13b	…solo heroína?	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8

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	En los **últimos 12 mes** ¿con qué frecuencia se inyectó:	**Diariamen** (1)	**Semanalmen** (2)	**Mensualmen** (3)	**Menos que mensualmen** (4)	**Nunca** (5)	**Se negó a contestar**	**No sabe** (8)
	[HEROII_9]							
U13c.	…solo cocaína? ***[COCAII***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U13d	…crack? ***[CRACKI_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U13e.	…metanfetaminas, también conocidas en inglés como *crystal meth tina* o *crank*? ***[CRAMTI_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U13f.	…otras anfetaminas o estimulantes? ***[AMPHEI_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U13g.	…Oxycontin? ***[OXYCON_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U13h	…esteroides u hormonas? ***[STRHRI_9]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8
U13i.	…alguna otra droga ***(Especifique:_____*** ***[OINJDI_9][OINJD9OS]***	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 7	☐ 8

Control de discrepancias: si U12 (consumo de drogas inyectables) es "Sí" y todas las respuestas a U13a-U13i son "Nunca", entonces QDS muestra un mensaje que dice, "Usted dijo que se había inyectado drogas en los últimos 12 meses. Por favor dígame el nombre de la droga que consumió y qué tanto la usó en los últimos 12 meses". Entrevistador regrese al cuadro Diga después de U12a.

Instrucciones para el entrevistador: Si SX_TOTN4 (cantidad total de parejas sexuales) ≥1 O si SXFFONN4 (mujer con parejas femeninas solamente) =1, pase a U14 (INJ_BFSX). De lo contrario, salte al cuadro Diga antes de B1 (conductas de riesgo de transmisión).

U14. En los **últimos 12 meses**, ¿se inyectó drogas antes de o durante las relaciones sexuales? ***[INJ_BFSX]***

No ..... ☐ 0 → ***Pase al cuadro Diga antes de U16***

Sí ..... ☐ 1

Se negó a contestar ..... ☐ 7

No sabe ..... ☐ 8

} ***Pase al cuadro Diga antes de***

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Instrucciones para el entrevistador: Si U13a es "Diariamente", "Semanalmente", "Mensualment o "Menos que mensualmente", marque la casilla sombreada (columna 1) en U15a. Siga el mismo patrón para b–i. Si no hay casillas sombreadas marcadas en U13, salte al cuadro Diga antes de U16.						
		En los **últimos 12 meses**, ¿usted se inyectó: ***[SOLO LEA LAS PREGUNTAS DONDE ESTÁ MARCADA LA CASILLA SOMBREADA (COLUMNA 1)].***	**No** (0)	**Sí** (1)	Se negó a contestar	No sabe (8)
☐	U15a.	... una mezcla de heroína y cocaína antes de durante las relaciones sexuales? ***[HERCO2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U15b.	...solo heroína antes de o durante las relaciones sexuales? ***[HERII2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U15c.	...solo cocaína antes de o durante las relaciones sexuales? ***[COCAI2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U15d.	...crack antes de o durante las relaciones sexuales? ***[CRACI2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U15e.	...metanfetaminas antes de o durante las relaciones sexuales? ***[CRAMI2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U15f.	...otras anfetaminas o estimulantes antes de o durante las relaciones sexuales? ***[AMPHI2_***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U15g.	...Oxycontin antes de o durante las relacione sexuales? ***[OXYCO2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U15h.	...esteroides u hormonas antes de o durante las relaciones sexuales? ***[STRHI2_9]***	☐ 0	☐ 1	☐ 7	☐ 8
☐	U15i.	...***[RESPUESTA DE U13i]*** antes de o durante las relaciones sexuales? ***[OINJI2_9]***	☐ 0	☐ 1	☐ 7	☐ 8

Control de discrepancias: si U14 (consumo de drogas inyectables antes de o durante las relaciones sexuales) es "Sí" y todas las respuestas a U15a-U15i son "No", entonces QDS muestra un mensaje que dice, "Usted dijo que se había inyectado drogas antes de o durante las relaciones sexuales en los últimos 12 meses. Por favor dígame el nombre de la droga que consumió y qué tanto la usó antes de o durante las relaciones sexuales en los últimos 12 meses". Entrevistador regrese a U15a.

DIGA: "Ahora le voy a hacer algunas preguntas sobre compartir agujas y otros implementos para inyectarse drogas".

U16. Cuando se inyectó drogas en los **últimos 12 meses**, ¿alguien usó la misma aguja después de que usted la usara? ***[SHR_NDL]***

No.....☐ 0

Sí.....☐ 1

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Se negó a contestar..... ☐ 7

No sabe ..... ☐ 8

U17. Cuando se inyectó drogas en los **últimos 12 meses**, ¿alguien usó los mismos quemadores (cookers), algodón o agua para enjuagar después de que usted los usara? ***[SHR_WRKS]***

No..... ☐ 0

Sí..... ☐ 1

Se negó a contestar..... ☐ 7

No sabe ..... ☐ 8

U18. Cuando se inyectó drogas en los **últimos 12 meses**, ¿usó drogas que se habían repartido con una jeringa? ***[DIV_SYRN]***

No..... ☐ 0

Sí..... ☐ 1

Se negó a contestar..... ☐ 7

No sabe ..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Conductas de riesgo de transmisión (B)

***DIGA*: "**Ahora le voy a hacer algunas preguntas sobre la manera como pudo haber contraído el VIH. Algunas preguntas le pueden pedir que recuerde cosas que sucedieron hace mucho tiempo o pedirle información acerca de las conductas de sus parejas anteriores. Si no puede recordar o no sabe la respuesta a las preguntas, no hay problema si me dice que no sabe. Además, puede que algunas de estas preguntas no se apliquen a su situación, pero aun así, necesito hacerle todas las preguntas".

B1. ¿Nació usted con el VIH? ***[IPERINN3]***

No ..... ☐ 0
Sí ..... ☐ 1 ⟹ ***Salte al cuadro Diga antes de P1***
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

DIGA*: "**Antes le pregunté acerca de cosas que han estado ocurriendo en su vida en los últimos 12 meses. Ahora voy a hacerle preguntas acerca de cosas que usted hizo entre 1977 (por la época en que el VIH se reconoció en los Estados Unidos) y cuando su prueba del VIH dio un resultado positivo el ***[INSERTAR LA FECHA DE A1].

B2. Antes de su primera prueba positiva del VIH, ¿tuvo relaciones sexuales con un hombre? ***[ISEXMAN3]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

B3. Antes de su primera prueba positiva del VIH, ¿tuvo relaciones sexuales con una mujer? ***[ISEXFEN3]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Instrucciones para el entrevistador: Si la persona tenía sexo femenino al nacer (BIRTGEN=2) y tuvo relaciones sexuales con un hombre (ISEXMAN3=1) pase a B4. Si la persona tenía sexo masculino al nacer (BIRTGEN=1) y tuvo relaciones sexuales con una mujer (ISEXFEN3=1) pase a B10; de lo contrario, salte a B15.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

QDS programming note: Si ***[BIRTGEN]*** es "No sabe" or "Se negó a contestar," skip to B15. Si ***[BIRTGEN]*** =2 y ***[ISEXMAN3]*** es "No sabe" or "Se negó a contestar," skip to B15. Si ***[BIRTGEN]*** =1 y ***[ISEXFEN3]*** es "No sabe" or "Se negó a contestar," skip to B15.

B4. Antes de su primera prueba positiva del VIH, ¿alguna de sus parejas masculinas utilizó agujas para inyectarse heroína, cocaína, esteroides o cualquier otra droga no recetada por un médico? ***[IFSXIDN3]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

B5. Antes de su primera prueba positiva del VIH, ¿alguna de sus parejas sexuales masculinas tuvo relaciones sexuales con otros hombres? ***[IFSXBIN3]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

B6. Antes de su primera prueba positiva del VIH, ¿alguna de sus parejas sexuales masculinas tenía el VIH o sida? ***[IFSXHIN3]***

No ..... ☐ 0 → ***Salte a B15***
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8 } ***Salte a B15***

B7. Antes de su primera prueba positiva del VIH, ¿alguna de sus parejas sexuales masculinas que tenía el VIH o sida también tenía hemofilia o cualquier otro trastorno de la sangre antes de recibir el resultado positivo del VIH o sida? ***[IFSXHEN3]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

***DIGA*: "**La siguiente pregunta es acerca de si sus parejas sexuales masculinas VIH positivas tuvieron alguna vez una transfusión de hemoderivados. Me refiero a algún producto derivado de la sangre de otra persona (como sangre, glóbulos rojos, plasma o plaquetas) que se le administró por vía intravenosa".

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

B8. Antes de su primera prueba positiva del VIH, ¿alguna de sus parejas sexuales masculinas que tenía el VIH o sida recibió una transfusión de productos sanguíneos antes de recibir el resultado positivo del VIH o sida? ***[IFSXTXN3]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

B9. Antes de su primera prueba positiva del VIH, ¿alguna de sus parejas sexuales masculinas que tenía el VIH o sida recibió un trasplante de órgano o tejido antes de recibir el resultado positivo del VIH o sida? ***[IFSXTPN3]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Instrucciones para el entrevistador: Salte a B15

B10. Antes de su primera prueba positiva del VIH, ¿alguna de sus parejas sexuales femeninas utilizó agujas para inyectarse heroína, cocaína, esteroides o cualquier otra droga no recetada por un médico? ***[IMSXIDN3]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

B11. Antes de su primera prueba positiva del VIH, ¿alguna de sus parejas sexuales femeninas tenía el VIH o sida? ***[IMSXHIN3]***

No ..... ☐ 0 → ***Salte a B15***
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8 → ***Salte a B15***

B12. Antes de su primera prueba positiva del VIH, ¿alguna de sus parejas sexuales femeninas que tenía el VIH o sida también tenía hemofilia o cualquier otro trastorno de la sangre antes de recibir el resultado positivo del VIH o sida? ***[IMSXHEN3]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

***DIGA*: "**La siguiente pregunta es acerca de si sus parejas sexuales femeninas VIH positivas tuvieron alguna vez una transfusión de hemoderivados. Me refiero a algún producto derivado de la sangre de otra persona (como sangre, glóbulos rojos, plasma o plaquetas) que se le administró por vía intravenosa".

B13. Antes de su primera prueba positiva del VIH, ¿alguna de sus parejas sexuales femeninas que tenía el VIH o sida recibió una transfusión de productos derivados de la sangre antes de recibir el resultado positivo del VIH o sida? ***[IMSXTXN3]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

B14. Antes de su primera prueba positiva del VIH, ¿alguna de sus parejas sexuales femeninas que tenía el VIH o sida recibió un trasplante de órgano o tejido antes de recibir el resultado positivo del VIH o sida? ***[IMSXTPN3]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

B15. Antes de su primera prueba positiva del VIH, ¿utilizó agujas para inyectarse heroína, cocaína, esteroides o cualquier otra droga no recetada por un médico? ***[IIDUN3]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

***DIGA*: "**Las personas que tienen problemas de coagulación de la sangre como hemofilia a veces necesitan recibir tratamiento con algo llamado factor de coagulación para prevenir hemorragias".

B16. Antes de su primera prueba positiva del VIH, ¿recibió alguna vez un factor de coagulación? ***[ICLOTN3]***

No ..... ☐ 0 → ***Pase al cuadro Diga antes de B18***
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

} ***Pase al cuadro Diga antes de B18***

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B17. ¿Recibió alguna vez un factor de coagulación antes de marzo de 1985? ***[ICLO85N3]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

***DIGA*: "**La siguiente pregunta es acerca de si alguna vez ha tenido una transfusión de productos sanguíneos. Me refiero a productos derivados de la sangre de otra persona (como sangre, glóbulos rojos, plasma o plaquetas) que se le administró por vía intravenosa".

B18. Antes de su primera prueba positiva del VIH, ¿recibió alguna vez una transfusión de productos derivados de la sangre además del factor de coagulación? ***[ITRANN3]***

No ..... ☐ 0 → ***Salte a B20***
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

} ***Salte a B20***

B19. ¿Recibió alguna vez una transfusión de productos derivados de la sangre antes de marzo de 1985? ***[ITRA85N3]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

B20. Antes de su primera prueba positiva del VIH, ¿recibió un trasplante de órgano o tejido, o le hicieron inseminación artificial? ***[ITRPLTN3]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

B21. Antes de su primera prueba positiva del VIH, ¿trabajó en algún laboratorio o centro de atención médica en el que pudiera haber estado expuesto a sangre humana u otros líquidos corporales? ***[IHCWRN3]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

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Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Actividades de prevención (P)

***DIGA*: "**A continuación, me gustaría hacerle preguntas sobre actividades de prevención del VIH".

P1. En los últimos **12 meses**, ¿le han dado condones gratis, sin contar los que le haya dado un amigo, un familiar o una pareja sexual? ***[COND12_9]***

No ..... ☐ 0 → *Salte a las instrucciones antes*
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8 } *Salte a las instrucciones antes*

P1a. ¿En qué tipo de lugar o lugares obtuvo esos condones gratis?
[NO LEA LAS OPCIONES. MARQUE TODAS LAS QUE CORRESPONDAN]. ***[CONF_12]***

Organizaciones comunitarias ..... ☐ 1 ***[CONF_12A]***
Clínica de planificación familiar ..... ☐ 2 ***[CONF_12B]***
Clínica de ETS ..... ☐ 3 ***[CONF_12C]***
Consultorio de un médico u otro centro de salud ..... ☐ 4 ***[CONF_12D]***
Organización de alcance comunitario para usuarios de drogas inyectables (IDU, por sus siglas en inglés), incluido el intercambio de agujas) ..... ☐ 5 ***[CONF_12E]***
Lugar social (bar, club, baño público, gimnasio, librería) ..... ☐ 6 ***[CONF_12F]***
Evento especial ..... ☐ 7 ***[CONF_12G]***
Otro ..... ☐ 8 ***[CONF_12H]***
Se negó a contestar ..... ☐ 77
No sabe ..... ☐ 88

Instrucciones para el entrevistador: Si escoge "Otro" para P1a, pase a P1a_1os. De lo contrario, salte a las instrucciones para el entrevistador antes de P2.

P1a_1os. Especifique en qué otro lugar obtuvo esos condones gratuitos:
_____ ***[COH_12OS]***
[7 = Se negó a contestar, 8 = No sabe]

P1a_2o. ¿Hay otro lugar en donde obtuvo condones gratuitos? ***[CONF_12I]***

Sí ..... ☐ 1
No ..... ☐ 0

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Instrucciones para el entrevistador: Si P1a_2o es "Sí", pase a P1a_2os. De lo contrario, salte a las instrucciones para el entrevistador antes de P2.

P1a_2os. Especifique en qué otro lugar obtuvo esos condones gratuitos:

_____ ***[COI_12OS]***

[7 = Se negó a contestar, 8 = No sabe]

Instrucciones para el entrevistador: si U12a (consumo de drogas inyectables en los últimos 12 meses) es "Sí", pase a P2. Si U12a es "No", "Se negó a contestar", "No sabe" o se la saltó, entonces salte a P3.

P2. En los **últimos 12 meses**, ¿ha recibido de manera gratuita agujas estériles nuevas, sin incluir aquellas que le haya dado un amigo, un familiar o la persona con quien consume drogas? ***[STENEE_9]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

P2a. En los **últimos 12 meses**, ¿ha recibido de manera gratuita nuevos quemadores (cookers), algodón o agua para enjuagar, sin incluir los que le haya dado un amigo, un familiar o la persona con quien consume drogas? ***[KITS_9]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

P3. En los **últimos 12 meses**, ¿ha visto o recibido algún material de información o educativo como afiches, folletos, volantes o videos que le indiquen cómo protegerse, y proteger a sus parejas del VIH y otras ETS? ***[HIVINFN3]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

P4. En los **últimos 12 meses**, sin incluir cuando le hicieron la prueba del VIH, ¿mantuvo una conversación personal con <u>un trabajador de alcance comunitario, consejero o trabajador de un programa de prevención</u> sobre las formas de protegerse y

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de proteger a sus parejas contra el VIH u otras enfermedades de transmisión sexual? ***[TALKHI_9]***

Etiqueta: Habló con un consejero sobre la prevención del VIH

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

P5. En los **últimos 12 meses**, sin incluir cuando le hicieron la prueba del VIH, ¿ha tenido una conversación en privado con un médico, enfermero u otro trabajador de salud sobre las formas de protegerse y de proteger a sus parejas contra el VIH y otras enfermedades de transmisión sexual? ***[PRTLK_12]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

P6. En los **últimos 12 meses**, sin incluir cuando le hicieron la prueba del VIH, ¿ha participado en una reunión organizada con un grupo pequeño de personas para hablar sobre las formas de protegerse y de proteger a sus parejas contra el VIH y otras enfermedades de transmisión sexual? ***[GROU1_12]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

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Depresión (M)

DIGA: "Ahora le voy a hacer algunas preguntas sobre su estado de ánimo. Al contestar, por favor piense con qué frecuencia ha ocurrido lo siguiente en las **últimas 2 semanas**". Usaremos la **Tarjeta de respuesta N** para estas preguntas". También usaremos el calendario para referirnos a las 2 semanas pasadas".

	Durante las últimas 2 semanas, ¿con qué frecuencia se ha visto afectado por alguno de los siguientes problemas?	**Para nada** (1)	**Varios días** (2)	**Más de la mitad de los días** (3)	**Casi todos los días** (4)	**Se negó a contestar** (7)	**No sabe** (8)
M1a.	Poco interés o placer en las cosas que hace ***[ANX_DEPA]***	☐	☐	☐	☐	☐	☐
M1b.	Tristeza, depresión o desesperanza ***[ANX_DEPB]***	☐	☐	☐	☐	☐	☐
M1c.	Dificultad para dormir o mantener el sueño, o dormir en exceso ***[ANX_DEPC]***	☐	☐	☐	☐	☐	☐
M1d.	Sensación de cansancio o de tener poca energía ***[ANX_DEPD]***	☐	☐	☐	☐	☐	☐
M1e.	Poco apetito o comer en exceso ***[ANX_DEPE]***	☐	☐	☐	☐	☐	☐
M1f.	Sentirse mal acerca de usted mismo o sentir que era un fracaso o que había defraudado a su familia o a sí mismo ***[ANX_DEPF]***	☐	☐	☐	☐	☐	☐
M1g.	Dificultad para concentrarse en actividades, como leer el periódico o ver la televisión ***[ANX_DEPG]***	☐	☐	☐	☐	☐	☐
M1h.	Caminar o hablar en forma tan lenta que la gente	☐	☐	☐	☐	☐	☐

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	pudo haberlo notado; o lo contrario: estar tan inquieto o agitado que se la pasaba yendo de un lado para otro más de lo normal ***[ANX_DEPH]***						

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Antecedentes ginecológicos y reproductivos (G)

Instrucciones para el entrevistador: Si [BIRTGEN] y [GENDER] son "Femenino", pase al cuadro Diga antes de G1; de lo contrario, salte al cuadro Diga antes de C1.

DIGA: "Le voy a hacer algunas preguntas sobre los exámenes ginecológicos y las pruebas de Papanicolau. Un examen ginecológico es una revisión de la vagina. Una prueba de Papanicolau, también llamada prueba para la detección del cáncer de cuello uterino o 'Pap', es una prueba que se utiliza para detectar el cáncer de cuello uterino. A menudo, el examen ginecológico y la prueba de Papanicolau se hacen al mismo tiempo".

G1. En los **últimos 12 meses**, ¿le han hecho un examen pélvico? *[PLV_EX_9]*

- No ☐ 0
- Sí ☐ 1
- Se negó a contestar ☐ 7
- No sabe ☐ 8

G2. En los **últimos 12 meses**, ¿le han hecho una prueba de Papanicolau? *[PAP_EX_9]*

- No ☐ 0 → *Pase al cuadro Diga antes de G3.*
- Sí ☐ 1
- Se negó a contestar ☐ 7
- No sabe ☐ 8

Pase al cuadro Diga antes de G3.

G2a. ¿Los resultados de esta prueba fueron normales o anormales? *[PAP2_12]*

- Normales ☐ 1 → *Pase al cuadro Diga antes de G3.*
- Anormales ☐ 2
- Se negó a contestar ☐ 7
- No sabe ☐ 8

Pase al cuadro Diga antes de G3.

G2b. ¿Le hicieron pruebas de seguimiento o un tratamiento debido a los resultados anormales? *[PAP2A_12]*

- No ☐ 0
- Sí ☐ 1
- Se negó a contestar ☐ 7
- No sabe ☐ 8

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***DIGA*:** "Le voy a leer una lista de métodos con los que las personas evitan el embarazo. A medida que lea cada uno, dígame si lo ha utilizado en los **últimos 12 meses**. Por favor responda "SÍ" o "NO". Responda "SÍ" aunque solo lo haya usado una vez. ¿Ha usado este método para prevenir el embarazo en los últimos 12 meses? "

		No (0)	**Sí** (1)	Se negó a contestar (7)	No sabe (8)
G3a.	Condones para hombres *[BIRCOAN3]*	☐	☐	☐	☐
G3b.	Condones para mujeres *[BIRCOBN3]*	☐	☐	☐	☐
G3c.	Diafragma, capuchón cervical o esponja cervical*[BIRCOCN3]*	☐	☐	☐	☐
G3d.	Espuma o gel espermicida*[BIRCODN3]*	☐	☐	☐	☐
G3e.	Depo-Provera®, la cual es una inyección*[BIRCOEN3]*	☐	☐	☐	☐
G3f.	Implantes hormonales como Implanon® o Nexplanon®*[BIRCOFN3]*	☐	☐	☐	☐
G3g.	Píldoras anticonceptivas*[BIRCOGN3]*	☐	☐	☐	☐
G3h.	Parche anticonceptivo como Ortho Evra®)*[BIRCOHN3]*	☐	☐	☐	☐
G3i.	Anillo anticonceptivo, como NuvaRing®)*[BIRCOIN3]*	☐	☐	☐	☐
G3j.	Dispositivo intrauterino o IUD, que tiene forma de espiral, por ejemplo, Mirena® o Paraguard®*[BIRCOJN3]*	☐	☐	☐	☐
G3k.	Anticonceptivo de emergencia o "píldora de la mañana siguiente" *[BIRCOKN3]*	☐	☐	☐	☐
G3l.	Eyacular afuera, también conocido como "venirse afuera" o "acabar afuera" *[BIRCOLN3]*	☐	☐	☐	☐
G3m.	Abstinencia, que es no tener relaciones sexuales*[BIRCOMN3]*	☐	☐	☐	☐

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G3n.	Posmenopausia, lo cual significa que usted ya no tiene periodos menstruales*[BIRCONN3]*	☐	☐	☐	☐
G3o.	Esterilización tubárica, que consiste en la "ligadura de trompas" o una histerectomía, en la que se extirpa el útero*[BIRCOON3]*	☐	☐	☐	☐
G3p.	Vasectomía de la pareja*[BIRCOPN3]*	☐	☐	☐	☐

DIGA: "Antes usted me dijo que la primera vez que tuvo un resultado positivo a la prueba del VIH fue el __ __/__ __ __ __ ***[INSERTE LA FECHA DE A1]***".

G4. Desde que tuvo el resultado positivo al VIH el __ __/__ __ __ __ ***[INSERTE LA FECHA DE A1]***, ¿Cuántas veces ha estado embarazada? ***[PREG_9]***

___ ___ ___ *[777 = Se negó a contestar, 888 = No sabe]*

QDS programming note: Range is 0–100. If A1 (date first tested positive) is "no sabe" or "se negó a contestar," then G4 should read as follows: "Desde que tuvo el resultado positivo a la prueba del VIH, ¿cuántas veces ha estado embarazada?" and Say box before G4 should NOT be read.

Nota sobre el programa QDS: Range is 0–100.

QDS programming note: If G4 is 1, 2, 3, or 4, program G5-G8 accordingly to skip "extra" pregnancy questions.
If G4=1, then after G5a or b or c skip to Say box before G10.
If G4=2, then after G6a or b or c skip to Say box before G10.
If G4=3, then after G7a or b or c skip to Say box before G10.
If G4=4, then after G8a or b or c skip to Say box before G10.

If G4="no sabe" or "se negó a contestar," then skip to Say box before G10.

Instrucciones para el entrevistador: Si G4 = 0, salte al cuadro Diga antes de G10; de lo contrario, pase al cuadro Diga antes de G5.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Si el número de veces que estuvo embarazada [PREG_9] es 1–5, DIGA: "Ahora me gustaría preguntarle acerca de todos sus embarazos desde la prueba positiva del VIH, comenzando por el primero".

Si el número de veces que estuvo embarazada [PREG_9] es mayor que 5 embarazos, DIGA: "Ahora me gustaría preguntarle acerca de sus primeros 5 embarazos desde la prueba positiva del VIH".

G5. En cuanto a su **1**[er] embarazo desde la prueba positiva del VIH, ¿estaba tratando de quedar embarazada? ***[INTNT1N3]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

G5a. ¿Cuál fue el desenlace de este embarazo? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[OUTCM1N3]***

Embarazada actualmente ☐ 1 ⟹ ***Salte a G5d***
Parto con recién nacido vivo ..... ☐ 2
Muerte fetal ..... ☐ 3
Aborto espontáneo ..... ☐ 4
Aborto ..... ☐ 5
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

G5b. ¿En qué mes y año ocurrió este desenlace? ***[PDTE1N3]***

__ __/__ __ __ __
(M M / A A A A)

[Mes: 77 = Se negó a contestar, 88= No sabe;
Año: 7777 = Se negó a contestar, 8888 = No sabe]

Instrucciones para el entrevistador: Si el resultado [OUTCM1N3] fue "Parto con recién nacido vivo", pase a G5c; de lo contrario, salte a G6 si G4>1 o salte al cuadro Diga antes de G10 si G4=1.

Control de discrepancias: *[PDTE1N3] no puede ser antes de [DOB_13] ni antes de [POS1S_9]* (fecha de la primera prueba positiva).

QDS programming note:

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Allow a blank response for month.
If *[PDTE1N3] < [DOB_13]* then READ: "La fecha del resultado no puede ser antes que la fecha de nacimiento del entrevistado. Por favor vuelva a ingresar la fecha." Do not allow the program to advance.
If *[PDTE1N3] < [POS1S_9]* then READ: "La fecha del resultado no puede ser antes que la fecha del primer resultado positivo de la prueba del VIH del entrevistado. Por favor vuelva a ingresar la fecha." Do not allow the program to advance. If month is blank for PDTE1N3, use the year values for the validation.

G5c. ¿Le diagnosticaron al niño el VIH? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[KID1HVN3]***

No ..... ☐ 0
Sí ..... ☐ 1
Indeterminado ..... ☐ 2
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Instrucciones para el entrevistador: Si G4>1 pase a G6; de lo contrario, salte al cuadro Diga antes de G10.

G5d. ¿Cuál es la fecha prevista del parto? ***[DUDT1N3]***

__ __/__ __ __ __
(M M / A A A A)

[Mes: 77 = Se negó a contestar, 88= No sabe;
Año: 7777 = Se negó a contestar, 8888 = No sabe]

Instrucciones para el entrevistador: Si G4>1 pase a G6; de lo contrario, salte al cuadro Diga antes de G10.

Control de discrepancias: *[DUDT1N3] no puede ser antes de [DOB_13] ni antes de [POS1S_9] (fecha de la primera prueba positiva ni más de 10 meses después de [IDATE] (fecha de la entrevista).*

QDS programming note:
If *[DUDT1N3] < [DOB_13]* then READ: "La fecha prevista del parto no puede ser antes que la fecha de nacimiento del entrevistado. Por favor vuelva a ingresar la fecha." Do not allow the program to advance.
If *[DUDT1N3] < [POS1S_9]* then READ: "La fecha del resultado no puede ser antes que la fecha del primer resultado positivo de la prueba del VIH del entrevistado. Por favor vuelva a ingresar la fecha." Do not allow the program to advance.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

If *[DUDT1N3] > 10 months after [IDATE]* then READ: "La fecha prevista del parto no puede ser más de 10 meses después de la fecha de la entrevista. Por favor vuelva a ingresar la fecha." Do not allow the program to advance.

G6. En cuanto al **2do embarazo** desde la prueba positiva del VIH, ¿estaba usted tratando de quedar embarazada? ***[INTNT2N3]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

G6a. ¿Cuál fue el desenlace de este embarazo? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[OUTCM2N3]***

Embarazada actualmente ..... ☐ 1 ⟹ ***Salte a G6d***
Parto con recién nacido vivo ..... ☐ 2
Muerte fetal ..... ☐ 3
Aborto espontáneo ..... ☐ 4
Aborto ..... ☐ 5
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

G6b. ¿En qué mes y año ocurrió este desenlace? ***[PDTE2N3]***

__ __/__ __ __ __
(M M / A A A A)

[Mes: 77 = Se negó a contestar, 88= No sabe;
Año: 7777 = Se negó a contestar, 8888 = No sabe]

Instrucciones para el entrevistador: Si el resultado [OUTCM2N3] fue "Parto con recién nacido vivo", pase a G6c; de lo contrario, salte a G7 si G4>2 o salte al cuadro Diga antes de G10 si G4=2.

Control de discrepancias: *[PDTE2N3] no puede ser antes de [DOB_13] ni antes de [POS1S_9]* (fecha de la primera prueba positiva).

QDS programming note:
Allow a blank response for month.
If *[PDTE2N3] < [DOB_13]* then READ: "La fecha del resultado no puede ser antes que la fecha de nacimiento del entrevistado. Por favor vuelva a ingresar la fecha." Do not allow the program to advance.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

If *[PDTE2N3] < [POS1S_9]* then READ: "La fecha del resultado no puede ser antes que la fecha del primer resultado positivo de la prueba del VIH del entrevistado. Por favor vuelva a ingresar la fecha." Do not allow the program to advance. If month is blank for PDTE2N3, use the year values for the validation.

G6c. ¿Le diagnosticaron al niño el VIH? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[KID2HVN3]***

No ..... ☐ 0
Sí ..... ☐ 1
Indeterminado ..... ☐ 2
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Instrucciones para el entrevistador: Si G4>2 pase a G7; de lo contrario, salte al cuadro Diga antes de G10.

G6d. ¿Cuál es la fecha prevista del parto? ***[DUDT2N3]***

__ __/__ __ __ __
(M M / A A A A)

[Mes: 77 = Se negó a contestar, 88= No sabe;
Año: 7777 = Se negó a contestar, 8888 = No sabe]

Instrucciones para el entrevistador: Si G4>2 pase a G7; de lo contrario, salte al cuadro Diga antes de G10.

Control de discrepancias: *[DUDT2N3] no puede ser antes de [DOB_13] ni antes de [POS1S_9]* (fecha de la primera prueba positiva) ni *más de 10 meses después de [IDATE] (fecha de la entrevista).*

QDS programming note:
If *[DUDT2N3] < [DOB_13]* then READ: "La fecha prevista del parto no puede ser antes que la fecha de nacimiento del entrevistado. Por favor vuelva a ingresar la fecha." Do not allow the program to advance.
If *[DUDT2N3] < [POS1S_9]* then READ: "La fecha del resultado no puede ser antes que la fecha del primer resultado positivo de la prueba del VIH del entrevistado. Por favor vuelva a ingresar la fecha." Do not allow the program to advance.
If *[DUDT2N3] > 10 months after [IDATE]* then READ: "La fecha prevista del parto no puede ser más de 10 meses después de la fecha de la entrevista. Por favor vuelva a ingresar la fecha." Do not allow the program to advance.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

G7. En cuanto al **3er embarazo** desde la prueba positiva del VIH, ¿estaba usted tratando de quedar embarazada? ***[INTNT3N3]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

G7a. ¿Cuál fue el desenlace de este embarazo? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[OUTCM3N3]***

Embarazada actualmente ..... ☐ 1 ⟹ ***Salte a G7d***
Parto con recién nacido vivo ..... ☐ 2
Muerte fetal ..... ☐ 3
Aborto espontáneo ..... ☐ 4
Aborto ..... ☐ 5
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

G7b. ¿En qué mes y año ocurrió este desenlace? ***[PDTE3N3]***

__ __/__ __ __ __
(M M / A A A A)

[Mes: 77 = Se negó a contestar, 88= No sabe;

Año: 7777 = Se negó a contestar, 8888 = No sabe]

Instrucciones para el entrevistador: Si el resultado OUTCM3N3 fue "Parto con recién nacido vivo", pase a G7c; de lo contrario, salte a G8 si G4>3 o salte al cuadro Diga antes de G10 si G4=3.

Control de discrepancias: *[PDTE3N3] no puede ser antes de [DOB_13] ni antes de [POS1S_9]* (fecha de la primera prueba positiva).

QDS programming note:
Allow a blank response for month.
If *[PDTE3N3] < [DOB_13]* then READ: "La fecha del resultado no puede ser antes que la fecha de nacimiento del entrevistado. Por favor vuelva a ingresar la fecha." Do not allow the program to advance.
If *[PDTE3N3] < [POS1S_9]* then READ: "La fecha del resultado no puede ser antes que la fecha del primer resultado positivo de la prueba del VIH del entrevistado. Por favor vuelva a ingresar

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

la fecha." Do not allow the program to advance. If month is blank for PDTE3N3, use the year values for the validation.

G7c. ¿Le diagnosticaron al niño el VIH? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[KID3HVN3]***

No ..... ☐ 0
Sí ..... ☐ 1
Indeterminado ..... ☐ 2
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Instrucciones para el entrevistador: Si G4>3 pase a G8; de lo contrario, salte al cuadro Diga antes de G10.

G7d. ¿Cuál es la fecha prevista del parto? ***[DUDT3N3]***

__ __ / __ __ __ __
(M M / A A A A)

[Mes: 77 = Se negó a contestar, 88= No sabe;
Año: 7777 = Se negó a contestar, 8888 = No sabe]

Instrucciones para el entrevistador: Si G4>3 pase a G8; de lo contrario, salte al cuadro Diga antes de G10.

Control de discrepancias: *[DUDT3N3] no puede ser antes de [DOB_13] ni antes de [POS1S_9]* (fecha de la primera prueba positiva) ni más de 10 meses después de *[IDATE] (fecha de la entrevista).*

QDS programming note:
If *[DUDT3N3] < [DOB_13]* then READ: "La fecha prevista del parto no puede ser antes que la fecha de nacimiento del entrevistado. Por favor vuelva a ingresar la fecha." Do not allow the program to advance.
If *[DUDT3N3] < [POS1S_9]* then READ: "La fecha del resultado no puede ser antes que la fecha del primer resultado positivo de la prueba del VIH del entrevistado. Por favor vuelva a ingresar la fecha." Do not allow the program to advance.
If *[DUDT3N3] > 10 months after [IDATE]* then READ: "La fecha prevista del parto no puede ser más de 10 meses después de la fecha de la entrevista. Por favor vuelva a ingresar la fecha." Do not allow the program to advance.

G8. En cuanto al **4to embarazo** desde la prueba positiva del VIH, ¿estaba usted tratando de quedar embarazada? ***[INTNT4N3]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

G8a. ¿Cuál fue el desenlace de este embarazo? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[OUTCM4N3]***

Embarazada actualmente ..... ☐ 1 ⟹ ***Salte a G8d***
Parto con recién nacido vivo ..... ☐ 2
Muerte fetal ..... ☐ 3
Aborto espontáneo ..... ☐ 4
Aborto ..... ☐ 5
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

G8b. ¿En qué mes y año ocurrió este desenlace? ***[PDTE4N3]***

__ __/__ __ __ __
(M M / A A A A)

[Mes: 77 = Se negó a contestar, 88= No sabe;
Año: 7777 = Se negó a contestar, 8888 = No sabe]

Instrucciones para el entrevistador: Si el resultado [OUTCM4N3] fue "Parto con recién nacido vivo", pase a G8c; de lo contrario, salte a G9 si G4>4 o salte al cuadro Diga antes de G10 si G4=4.

Control de discrepancias: *[PDTE4N3] no puede ser antes de [DOB_13] ni antes de [POS1S_9]* (fecha de la primera prueba positiva).

QDS programming note:
Allow a blank response for month.
If *[PDTE4N3] < [DOB_13]* then READ: "La fecha del resultado no puede ser antes que la fecha de nacimiento del entrevistado. Por favor vuelva a ingresar la fecha." Do not allow the program to advance.
If *[PDTE4N3] < [POS1S_9]* then READ: "La fecha del resultado no puede ser antes que la fecha del primer resultado positivo de la prueba del VIH del entrevistado. Por favor vuelva a ingresar la fecha." Do not allow the program to advance. If month is blank for PDTE4N3, use the year values for the validation.

G8c. ¿Le diagnosticaron al niño el VIH? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[KID4HVN3]***

No ..... ☐ 0
Sí ..... ☐ 1
Indeterminado ..... ☐ 2
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Instrucciones para el entrevistador: Si G4>4 pase a G9; de lo contrario, salte al cuadro Diga antes de G10.

G8d. ¿Cuál es la fecha prevista del parto? ***[DUDT4N3]***

__ __/__ __ __ __
(M M / A A A A)

[Mes: 77 = Se negó a contestar, 88= No sabe;
Año: 7777 = Se negó a contestar, 8888 = No sabe]

Instrucciones para el entrevistador: Si G4>4 pase a G9; de lo contrario, salte al cuadro Diga antes de G10.

Control de discrepancias: *[DUDT4N3] no puede ser antes de [DOB_13] ni antes de [POS1S_9]* (fecha de la primera prueba positiva) ni más de 10 meses después de *[IDATE] (fecha de la entrevista).*

QDS programming note:
If *[DUDT4N3] < [DOB_13]* then READ: "La fecha prevista del parto no puede ser antes que la fecha de nacimiento del entrevistado. Por favor vuelva a ingresar la fecha." Do not allow the program to advance.
If *[DUDT4N3] < [POS1S_9]* then READ: "La fecha del resultado no puede ser antes que la fecha del primer resultado positivo de la prueba del VIH del entrevistado. Por favor vuelva a ingresar la fecha." Do not allow the program to advance.
If *[DUDT4N3] > 10 months after [IDATE]* then READ: "La fecha prevista del parto no puede ser más de 10 meses después de la fecha de la entrevista. Por favor vuelva a ingresar la fecha." Do not allow the program to advance.

G9. En cuanto al **5to embarazo** desde la prueba positiva del VIH, ¿estaba usted tratando de quedar embarazada? ***[INTNT5N3]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

G9a. ¿Cuál fue el desenlace de este embarazo? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[OUTCM5N3]***

Embarazada actualmente ..... ☐ 1 ⟹ ***Salte a G9d***
Parto con recién nacido vivo..... ☐ 2
Muerte fetal ..... ☐ 3
Aborto espontáneo ..... ☐ 4
Aborto ..... ☐ 5
Se negó a contestar..... ☐ 7
No sabe ..... ☐ 8

G9b. ¿En qué mes y año ocurrió este desenlace? ***[PDTE5N3]***

__ __/__ __ __ __
(M M / A A A A)

[Mes: 77 = Se negó a contestar, 88= No sabe;
Año: 7777 = Se negó a contestar, 8888 = No sabe]

Instrucciones para el entrevistador: Si el desenlace [OUTCM5N3] fue "Parto con recién nacido vivo", pase a G9c; de lo contrario, salte al cuadro Diga antes de G10.

Control de discrepancias: *[PDTE5N3] no puede ser antes de [DOB_13] ni antes de [POS1S_9]* (fecha de la primera prueba positiva).

QDS programming note:
Allow a blank response for month.
If *[PDTE5N3] < [DOB_13]* then READ: "La fecha del resultado no puede ser antes que la fecha de nacimiento del entrevistado. Por favor vuelva a ingresar la fecha." Do not allow the program to advance.
If *[PDTE5N3] < [POS1S_9]* then READ: "La fecha del resultado no puede ser antes que la fecha del primer resultado positivo de la prueba del VIH del entrevistado. Por favor vuelva a ingresar la fecha." Do not allow the program to advance. If month is blank for PDTE5N3, use the year values for the validation.

G9c. ¿Le diagnosticaron al niño el VIH? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[KID5HVN3]***

No..... ☐ 0
Sí..... ☐ 1
Indeterminado ..... ☐ 2
Se negó a contestar..... ☐ 7
No sabe ..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Instrucciones para el entrevistador: Salte al cuadro Diga antes de G10.

G9d. ¿Cuál es la fecha prevista del parto? ***[DUDT5N3]***

__ __/__ __ __ __
(M M / A A A A)

[Mes: 77 = Se negó a contestar, 88= No sabe;
Año: 7777 = Se negó a contestar; 888 = No sabe]

Control de discrepancias: *[DUDT5N3] no puede ser antes de [DOB_13] ni antes de [POS1S_9]* (fecha de la primera prueba positiva) *ni más de 10 meses después de [IDATE] (fecha de la entrevista).*

QDS programming note:
If *[DUDT5N3] < [DOB_13]* then READ: "La fecha prevista del parto no puede ser antes que la fecha de nacimiento del entrevistado. Por favor vuelva a ingresar la fecha." Do not allow the program to advance.
If *[DUDT5N3] < [POS1S_9]* then READ: "La fecha del resultado no puede ser antes que la fecha del primer resultado positivo de la prueba del VIH del entrevistado. Por favor vuelva a ingresar la fecha." Do not allow the program to advance.
If *[DUDT5N3] > 10 months after [IDATE]* then READ: "La fecha prevista del parto no puede ser más de 10 meses después de la fecha de la entrevista. Por favor vuelva a ingresar la fecha." Do not allow the program to advance.

DIGA: "Ahora, cambiando de tema, le voy a preguntar sobre la atención para el VIH".

G10. En los **últimos 12 meses**, ¿ha recibido *atención para el VIH* en un centro de ginecología y obstetricia? ***[GYNECARE]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Afecciones de salud y tratamiento preventivo (C)

DIGA: **"**Ahora, le voy a hacer algunas preguntas sobre sus números de CD4, también conocido como conteo de células T. La prueba de CD4 mide la forma en que su cuerpo combate el VIH".

C1. ¿Le han hecho **alguna vez** una prueba de CD4? ***[CD4_DO_9]***

No ..... ☐ 0 → *Salte al cuadro Diga antes de C4*

Sí ..... ☐ 1

Se negó a contestar ..... ☐ 7

No sabe ..... ☐ 8

Salte al cuadro Diga antes de C4

C1a. ¿Cuál fue el mes y el año de su **primera** prueba para determinar el número de CD4? ***[CD4FM_9]***

__ __ / __ __ __ __
(M M / A A A A)

[Mes: 77 = Se negó a contestar, 88= No sabe;
Año: 7777 = Se negó a contestar, 8888 = No sabe]

Control de discrepancias: Confirme la respuesta si C1a (fecha de la primera prueba para determinar el número de CD4) es antes que A6 (fecha de la primera visita a un profesional de la salud para recibir atención médica para el VIH) o después de A7 (fecha de la visita más reciente a un profesional de la salud para recibir atención médica para el VIH).

QDS programming note for C1a: If C1a (date of first CD4 count) is earlier than the A6 (date of first visit to a provider for HIV care), display the following confirmatory response: "El entrevistado dijo que la fecha de su primera prueba de CD4 fue antes de la primera fecha que visitó a un proveedor de cuidados médicos para el VIH. Confirme la respuesta." Allow program to advance. If C1a (date of first CD4 count) is later than the A7 (most recent care visit), display the following confirmatory response: "El entrevistado dijo que la fecha de la primera prueba de CD4 fue después de la fecha de su visita más reciente a un proveedor de cuidados médicos para el VIH. Confirme la respuesta." Allow program to advance. Allow a blank response for month.

DIGA: "Para las siguientes dos preguntas usaremos la **Tarjeta de respuesta O**".

C1b. ¿Cuál fue el resultado de su **primera** prueba para determinar el número de CD4? ***[CD4FCT_9]***

0–49 ..... ☐ 1

50-99 ..... ☐ 2

100–199 ..... ☐ 3

200–349 ..... ☐ 4

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

350–499 ..... ☐ 5
500 o más ..... ☐ 6
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

C1c. Cuál fue el resultado de su número **más bajo** de CD4? *[CD4LOW_9]*
0-49 ..... ☐ 1
50-99 ..... ☐ 2
100–199 ..... ☐ 3
200–349 ..... ☐ 4
350–499 ..... ☐ 5
500 o más ..... ☐ 6
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Control de discrepancias: C1c CD4LOW_9 no puede ser más alto que C1b CD4FCT_9.

QDS programming note: If C1c is higher than C1b, display the following message: "El resultado del número más bajo de CD4 no puede ser mayor que el resultado de la primera prueba para determinar el número de CD4". Display message to interviewer: "Entrevistador: Por favor verifique la respuesta." Interviewer return to previous question (C1c.). Allow a blank response for month for C2.

C2. ¿Cuál fue el mes y el año de su **más reciente** recuento de CD4? *[CD4MR11]*

__ __/__ __ __ __
(M M / A A A A)

[Mes: 77 = Se negó a contestar, 88= No sabe;
Año: 7777 = Se negó a contestar, 8888 = No sabe]

Control de discrepancias: La fecha no puede ser antes de C1a [CD4FM_9]. Si la fecha de su más reciente recuento de CD4 es antes de C1a [CD4FM_9], despliegue el siguiente mensaje: "La fecha del número más bajo de CD4 no puede ser antes que la fecha de la primera prueba para determinar el número de CD4". Entrevistador: Por favor verifique la respuesta". ***La fecha no puede ser después de I4 (fecha de la entrevista). El entrevistador debe regresar a la pregunta anterior (C2).***

DIGA: "Por favor use la **Tarjeta de respuesta O** otra vez".

C2a. ¿Cuál fue el resultado de su **último** recuento de CD4? *[CDRMR_11]*

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

0-49 ..... ☐ 1
50-99 ..... ☐ 2
100–199 ..... ☐ 3
200–349 ..... ☐ 4
350–499 ..... ☐ 5
500 o más ..... ☐ 6
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

DIGA: "Ahora le voy a hacer algunas preguntas sobre sus números de CD4 en los **últimos 12 meses**. Recuerde que es a partir del año pasado (***FECHA DEL AÑO PASADO***) hasta ahora (***FECHA DE LA ENTREVISTA***)".

QDS programming note for Say box before C3: The QDS program should enter the appropriate dates. EJEMPLO: If IDATE is 11/11/2014 then the program should read "Es decir, desde el año pasado, 11/11/2013 hasta ahora 11/11/2014."

C3. En los **últimos 12 meses,** ¿cuántas pruebas se ha hecho para determinar el número de CD4? ***[CD12_N_9]***

___ ___ [*77 = Se negó a contestar, 88 = No sabe]*

Control de discrepancias: C3 (número de pruebas para determinar el número de CD4 realizadas en los últimos 12 meses) debe ser ≤ 76. C3 no puede ser 0 si las respuestas de C1a o C2 fueron durante los últimos 12 meses.

QDS programming note, If C3 is 0 and C1a or C2 are during the past 12 months, then display the following message: "Usted dijo antes que tuvo una prueba de CD4 en los últimos 12 meses." Display message to interviewer: "Entrevistador, por favor verifique la respuesta." *Interviewer return to previous question (C2).*

DIGA: "Ahora le voy a hacer algunas preguntas sobre sus pruebas de carga viral del VIH. Las pruebas de su carga viral del VIH miden la cantidad de VIH en la sangre".

C4. ¿Le han hecho **alguna vez** una prueba para determinar la carga viral del VIH? ***[VL_DO_9]***

No ..... ☐ 0 ⟹ *Pase al cuadro Diga antes de C7*
Sí ..... ☐ 1

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Se negó a contestar.....☐ 7
No sabe .....☐ 8

Pase al cuadro Diga antes de C7

C5. ¿Cuál fue el mes y el año de su **más reciente** prueba de carga viral? ***[VLMR_11]***

__ __/__ __ __ __
(M M / A A A A)

[Mes: 77 = Se negó a contestar, 88= No sabe;
Año: 7777 = Se negó a contestar, 8888 = No sabe]

QDS programming note for C5: allow a blank response for month.

DIGA: "Por favor use la **Tarjeta de respuesta** P".

C5a. ¿Cuál fue el resultado de su prueba de carga viral **más reciente**? ***[CDRRV_11]***
Por debajo del nivel de detección, imperceptible.....☐ 1
Detectable pero menos de 5,000 copias virales/ml .....☐ 2
5,000 a 100,000 copias virales/ml .....☐ 3
Mayor de 100,000 copias virales/ml.....☐ 4
Se negó a contestar.....☐ 7
No sabe .....☐ 8

DIGA: "Ahora le voy a hacer algunas preguntas sobre sus pruebas de carga viral en los **últimos 12 meses**. Es decir, desde el año pasado (***FECHA DEL AÑO PASADO***) hasta ahora (***FECHA DE LA ENTREVISTA***)".

QDS programming note for Say box before C6: The QDS program should enter the appropriate dates. EXAMPLE: If IDATE is 11/11/2014 then the program should read "Es decir, desde el año pasado, 11/11/2013 hasta ahora 11/11/2014."

C6. En los **últimos 12 meses**, ¿cuántas pruebas de carga viral se ha hecho? ***[VL12_N_9]***

___ ___ *[77 = Se negó a contestar, 88 = No sabe]*

Control de discrepancias*: *C6 (número de pruebas de carga viral) debe ser ≤ 76.

QDS programming note, If C6 is 0 and C5 is during the past 12 months, then display the following message: "Usted dijo antes que tuvo una prueba de CD4 en los últimos 12 meses."

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Display message to interviewer: "Entrevistador, por favor verifique la respuesta." *Interviewer return to previous question (C5).*

DIGA: "La siguiente pregunta se refiere a la hepatitis, una infección del hígado. Existen vacunas o inyecciones para prevenir la hepatitis. Le voy a preguntar si se ha puesto estas vacunas. No incluya las que se puede haber puesto **después** de estar en contacto con alguien que tenía hepatitis A o B".

C7. ¿Se ha puesto **alguna vez** una vacuna o inyección para prevenir la hepatitis? ***[HEPVAC_9]***

No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

DIGA: "Ahora voy a hacerle algunas preguntas sobre la tuberculosis, conocida como TB en inglés".

C8. ¿Alguna vez le han hecho una prueba cutánea de tuberculina, algunas veces conocida como PPD, por sus siglas en inglés, o una prueba de sangre de tuberculosis? ***[TESTPN13]***

No ..... ☐ 0 → *Pase al cuadro "Diga" antes de*
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8 } *Pase al cuadro "Diga" antes de*

C8a. ¿En qué mes y año fue su **más reciente** prueba cutánea de tuberculina o prueba de sangre de tuberculosis? ***[PPDMYN3]***

__ __/__ __ __ __
(M M / A A A A)

[Mes: 77 = Se negó a contestar, 88= No sabe;
Año: 7777 = Se negó a contestar, 8888 = No sabe]

QDS programming note for C8a: allow a blank response for month.

Control de discrepancias: La C8a (fecha de la prueba de tuberculosis más reciente) no puede ser antes de [DOB_13] ni después de I4 (fecha de la entrevista).

C8b. ¿**Alguna vez** ha tenido un resultado positivo a una prueba cutánea de tuberculina o una prueba de sangre para la tuberculosis? ***[PP_PSN13]***

No ..... ☐ 0

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Sí.....☐ 1
Se negó a contestar.....☐ 7
No sabe .....☐ 8

***DIGA*:** "La tuberculosis puede vivir en el cuerpo por mucho tiempo sin que la persona se enferme y la única forma de saberlo es con una prueba cutánea de tuberculina o una prueba de sangre de tuberculosis. Cuando la tuberculosis hace que la persona se enferme, la llamamos 'tuberculosis activa'".

C8c. ¿Alguna vez ha recibido un diagnóstico de tuberculosis activa? ***[ACTVTBN3]***
No.....☐ 0
Sí.....☐ 1
Se negó a contestar.....☐ 7
No sabe .....☐ 8

DIGA: "Ahora, le voy a hacer preguntas sobre vacunas. Para empezar, le voy a preguntar sobre la vacuna contra el virus del papiloma humano o VPH (HPV, por sus siglas en inglés). Otros nombres que tiene esta vacuna son Gardasil y Cervarix".

C13. ¿Le han puesto **alguna vez** una vacuna contra el VPH? ***[HPV_EVR]***
No.....☐ 0
Sí.....☐ 1
Se negó a contestar.....☐ 7
No sabe .....☐ 8

C14. En los **últimos 12 meses**, ¿se vacunó o se puso una inyección para prevenir la influenza (gripe o flu)? ***[VACFL_10]***
No.....☐ 0 ⟹ ***Salte a C14b***
Sí.....☐ 1
.....Se negó a contestar ☐ 7
No sabe .....☐ 8 } ***Salte al cuadro Diga antes de C15***

C14a. ¿Dónde recibió la vacuna más reciente contra la influenza estacional? ***[LEA LAS OPCIONES. MARQUE SOLO UNA].*** ***[LOCVA_10]***
Consultorio médico.....☐ 1
Clínica del departamento de salud .....☐ 2
Farmacia o tienda (p. ej., CVS, Walgreens, Target) .....☐ 3
Empleador.....☐ 4
Otro ***(Especifique:_____)*** .....☐ 5 ***[LOC_10OS]***

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Se negó a contestar..... ☐ 7
No sabe ..... ☐ 8

Instrucciones para el entrevistador*: *Salte a C15.

C14b. ¿Cuál fue la razón principal por la que decidió no ponerse la vacuna contra la influenza (gripe) estacional durante los últimos 12 meses? ***[NO LEA LAS OPCIONES. MARQUE SOLO UNA.]*** ***[C13B_FLU]***

No pude encontrar un sitio que ofrecía la vacuna..... ☐ 1
Mi proveedor de atención médica no me ofreció la vacuna..... ☐ 2
Me preocupaban los efectos secundarios de la vacuna..... ☐ 3
Me preocupaban los riesgos asociados a la vacuna..... ☐ 4
No creía que la necesitara ..... ☐ 5
No tenía suficiente dinero o seguro médico..... ☐ 6
Otro ***(Especifique_____)*** ☐ 7 ***[C13B_FOS]***
Se negó a contestar..... ☐ 77
No sabe ..... ☐ 88

DIGA: "En la última parte de la entrevista le voy a preguntar sobre ciertas afecciones que puede o no tener y sobre dificultades que puede haber o no experimentado". Algunas de estas cosas puede ser obvias para usted, pero por favor conteste las siguientes preguntas.

C15. ¿Es sordo o tiene gran dificultad para escuchar? ***[DISDEFN3]***

No..... ☐ 0
Sí..... ☐ 1
Se negó a contestar..... ☐ 7
No sabe ..... ☐ 8

C16. ¿Es ciego o tiene alguna dificultad para ver, aun cuando usa lentes? ***[DISBLNN3]***

No..... ☐ 0
Sí..... ☐ 1
Se negó a contestar..... ☐ 7
No sabe ..... ☐ 8

C17. Debido a una afección física, mental o emocional, ¿tiene problemas graves para concentrarse, recordar o tomar decisiones? ***[DISCONN3]***

No..... ☐ 0
Sí..... ☐ 1

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

C18. ¿Tiene mucha dificultad para caminar o subir las escaleras? ***[DISWLKN3]***
No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

C19. ¿Tiene dificultad para vestirse o bañarse? ***[DISDRSN3]***
No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

C20. Debido a una condición física, mental o emocional, ¿tiene dificultad para hacer trámites solo, como ir al médico o de compras? ***[DISERRN3]***
No ..... ☐ 0
Sí ..... ☐ 1
Se negó a contestar ..... ☐ 7
No sabe ..... ☐ 8

Finalización de la entrevista (E)

Fin de la entrevista

DIGA: "Le agradezco nuevamente su participación en esta entrevista. Por favor recuerde que toda la información que usted me dio se mantendrá confidencial".

Instrucciones para el entrevistador:

Ofrezca su ayuda con información y recursos, de acuerdo con el protocolo local.

No le pague al entrevistado si este ya había participado en una entrevista MMP durante el ciclo de recolección de datos del 2014, O si el entrevistado es menor de 18 años de edad.

Páguele al entrevistado si su primera prueba positiva del VIH fue después del PDP O si la entrevista se completó parcial o totalmente.

Verificación de pago

Instrucciones para el entrevistador: Si I5 es "entrevista telefónica", pase a E1; de lo contrario salte a E2.

E1. ***¿Se hicieron arreglos para hacer el pago?*** *[ARRANGE]*
No ..... ☐ 0
Sí ..... ☐ 1

Instrucciones para el entrevistador: Salte a E4.

E2. ***Se hizo el pago:*** *[PAYMENT]*
No ..... ☐ 0
Sí ..... ☐ 1 ***Salte a E3***

E2a. ***¿Por qué no se hizo el pago?*** *[PAYNMAD]*
Participante se negó a aceptar pago ..... ☐ 1
Otro (Especifique:_____) ..... ☐ 2
[OPAY]

Salte a E4.

E3. ***Se firmó el recibo (o se pusieron las iniciales en el recibo):*** *[RECEIPT]*
No ..... ☐ 0

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

	Sí ..... ☐ 1	⟹ ***Salte a E4***
E3a.	***¿Por qué no se firmó el recibo?*** ***[RECNS]***	
	Participante se negó a firmar ..... ☐ 1	
	Otro (Especifique:_____) ..... ☐ 2	
	[ORECEI]	

Validez de los datos

E4.	***¿Cuánto confía usted en la validez de las respuestas del entrevistado?*** ***[CONF]***
	Estoy seguro ..... ☐ 1
	Tengo algunas dudas ..... ☐ 2
	No estoy seguro ..... ☐ 3
E5.	***Apunte cualquier comentario adicional, incluidos temas como interrupciones durante la entrevista, el motivo de la interrupción o por qué las respuestas del entrevistado puede que no sean confiables.*** ***[ADDCOM1]***

QDS programming note for E4: Include a NA response option if Interviewers do not have any additional comments.

Key: grey box = interviewer instructions; blue box = inconsistency check; orange box = QDS program note; dark red variable = previously used variable; green variable = new variable; grey font for response set = do not read responses

Tarjetas de respuestas

Ingreso mensual		Ingreso anual	
a.	$0 a $416	**n.**	$0 a $4,999
b.	$417 a $833	**o.**	$5,000 a $9,999
c.	$834 a $1041	**p.**	$10,000 a $12,499
d.	$1042 a $1249	**q.**	$12,500 a $14,999
e.	$1250 a $1666	**r.**	$15,000 a $19,999
f.	$1667 a $2083	**s.**	$20,000 a $24,999
g.	$2084 a $2499	**t.**	$25,000 a $29,999
h.	$2500 a $2916	**u.**	$30,000 a $34,999
i.	$2917 a $3333	**v.**	$35,000 a $39,999
j.	$3334 a $4166	**w.**	$40,000 a $49,999
k.	$4167 a $4999	**x.**	$50,000 a $59,999
l.	$5000 a $6250	**y.**	$60,000 a $74,999
m.	$6250 o más	**z.**	$75,000 o más

TARJETA DE RESPUESTAS B

Les pedí que no le dijeran a ninguna de mis parejas

Les pedí que le dijeran solamente a algunas de mis parejas

Les pedí que le dijeran a todas mis parejas

Les dije que no tenía ninguna pareja

TARJETA DE RESPUESTAS C

Siempre

A menudo

Algunas veces

Ocasionalmente

Nunca

TARJETA DE RESPUESTAS D

Extremadamente
Bastante
A veces
Un poco
Nunca

TARJETA DE RESPUESTAS E

Nunca
Ocasionalmente
Algunas veces
A menudo
Siempre

TARJETA DE RESPUESTAS F

Nunca
Rara vez
Más o menos la mitad de las veces
La mayoría de las veces
Siempre

TARJETA DE RESPUESTAS G

En la última **semana**
Hace 1 a **2 semanas**
Hace **3 a** 4 **semanas**
Hace 1 a 3 meses
Hace más de 3 **meses**
Nunca se olvida de tomar los medicamentos

TARJETA DE RESPUESTAS H

Nunca
Rara vez
Más o menos la mitad de las veces
La mayoría de las veces
Siempre
Lleva menos de 30 días tomando los medicamentos

TARJETA DE RESPUESTAS I

No está seguro
Más o menos seguro
Muy seguro
Extremadamente seguro

TARJETA DE RESPUESTAS J

Muy insatisfecho
Más o menos insatisfecho
Más o menos satisfecho
Muy satisfecho

TARJETA DE RESPUESTAS K

Nunca
Un poco
A veces
Mucho

TARJETA DE RESPUESTAS K-1

≤24 años de edad
25-29 años
30-34 años
35-39 años
40-44 años
45-49 años
>=50 años

TARJETA DE RESPUESTAS L

Completamente en desacuerdo
Algo en desacuerdo
Indiferente
Algo de acuerdo
Completamente de acuerdo

Tarjeta de respuestas M

Diariamente
Semanalmente
Mensualmente
Menos que mensualmente
Nunca

TARJETA DE RESPUESTAS SOBRE EL ALCOHOL

Tarjeta de respuesta N

Nunca
Varios días
Más de la mitad de los días
Casi todos los días

TARJETA DE RESPUESTAS O

0-49
50-99
100-199
200-349
350-499
500 o más

TARJETA DE RESPUESTAS P

Por debajo del nivel de detección, imperceptible

Detectable pero menos de 5,000 copias virales/ml
5,000 a 100,000 copias virales/ml
Mayor de 100,000 copias virales/ml

Calendario del 2013

Enero						
Do	Lu	Ma	Mi	Ju	Vi	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Febrero						
Do	Lu	Ma	Mi	Ju	Vi	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

Marzo						
Do	Lu	Ma	Mi	Ju	Vi	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Abril						
Do	Lu	Ma	Mi	Ju	Vi	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Mayo						
Do	Lu	Ma	Mi	Ju	Vi	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Junio						
Do	Lu	Ma	Mi	Ju	Vi	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

Julio						
Do	Lu	Ma	Mi	Ju	Vi	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Agosto						
Do	Lu	Ma	Mi	Ju	Vi	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Septiembre						
Do	Lu	Ma	Mi	Ju	Vi	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Octubre						
Do	Lu	Ma	Mi	Ju	Vi	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Noviembre						
Do	Lu	Ma	Mi	Ju	Vi	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Diciembre						
Do	Lu	Ma	Mi	Ju	Vi	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Calendario del 2014

Enero						
Do	Lu	Ma	Mi	Ju	Vi	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Febrero						
Do	Lu	MaT	Mi	Ju	Vi	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

Marzo						
Do	Lu	Ma	Mi	Ju	Vi	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Abril						
Do	Lu	Ma	Mi	Ju	Vi	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Mayo						
Do	Lu	Ma	Mi	Ju	Vi	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Junio						
Do	Lu	Ma	Mi	Ju	Vi	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Julio						
Do	Lu	Ma	Mi	Ju	Vi	Do
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Agosto						
Do	Lu	Ma	Mi	Ju	Vi	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Septiembre						
Do	Lu	Ma	Mi	Ju	Vi	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Octubre						
Do	Lu	Ma	Mi	Ju	Vi	Do
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Noviembre						
Do	Lu	Ma	Mi	Ju	Vi	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

Diciembre						
Do	Lu	Ma	Mi	Ju	Vi	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Appendix G.3

MMP Interviewer Material Checklist

☐	Locked storage container (briefcase) to store materials
☐	Participant ID number and Interviewer ID
☐	At least two working black or blue pens
☐	MMP version of Questionnaire Development System by Nova Research installed on device
☐	Current version of the MMP Interview Guide
☐	Current version of the paper Standard Questionnaire in English
☐	(If applicable) current version of the paper Standard Questionnaire in Spanish
☐	(If applicable) current version of the paper Standard Questionnaire translated in other language
☐	Two copies of the consent form in English
☐	(If applicable) two copies of the consent form in Spanish
☐	(If applicable) two copies of the consent form translated in other language
☐	HIV medication card
☐	Response cards (attached to paper questionnaire)
☐	Calendar (attached to paper questionnaire)
☐	Laptop computer or tablet device with current QDS questionnaires
☐	Electrical plugs for electronic devices
☐	Emergency contact information
☐	Referral information for ancillary services
☐	Educational information or materials
☐	Participant incentives

Appendix H.1

Medical Monitoring Project
Statement of Informed Consent

The following statement must be read to all potential participants:

You have been selected participate in this project because you have HIV. Participation in this project is voluntary. You choose to participate or not to participate. You do not have to be in the project if you do not want to be. You may leave the project at any time. Leaving the project will not result in any penalty or loss of benefits to which you are entitled.

Why we are doing this project

HIV is the virus that causes AIDS. Your health department, together with the Centers for Disease Control and Prevention (CDC), is doing this project to learn more about people who are infected with HIV and the types of services they use and need. This information will help us improve programs to prevent other people from getting HIV and improve services for those who already have HIV.

What we will need from you

If you choose to be in this project, we will

- ask you questions.
- look at your medical records.

The questions
Answering the questions will take about 45 minutes. You do not have to answer any question you do not want to answer.

The questions will ask about your

- medical past
- use of medical and social services
- sex practices
- use of drugs and alcohol
- reproductive history (if you are a woman)
- ability to work and take care of yourself and your family

If we need more information, a staff member may contact you later.

Although we send the answers to CDC, we do not send any information that could identify you or be traced back to you. Your answers will be kept confidential, identified

only by a code number, and kept in a locked file that only project staff can open.

Your medical records

As part of routine public health surveillance, we will also look at your medical record to collect clinical information about your HIV infection. This information will include illnesses you have had, medicines you have taken, and care you have received. Again, we do not send any information to the CDC that could identify you or be traced back to you. Information from your medical records will be linked to your answers only by a code number.

What you can expect from us

Privacy
We protect your privacy. All information you give us will be kept private and confidential. Your records will be kept confidential as much as the law allows. Your answers will be grouped together with answers from other participants so that no one will know which answers came from you. We will send information from this project to CDC, but we will not send any information that could identify you. Federal law protects the confidentiality of information kept at CDC.

Payment
If you answer the questions and agree to let us review your medical records, you will receive $___ as a token of appreciation for your participation. If you later choose to leave the project, you may keep the money.

Things to consider

- There is no cost to you (other than your time and effort) for participating in this project.
- If you would like, we can give you information about how to avoid giving HIV to someone else.
- If you would like, we can give you information about where to get medical and social services in your area.
- Although you will gain no direct benefits from taking part in this project, you will help us learn more so we can improve services available to other people with HIV and AIDS.
- Some of the questions may make you feel uncomfortable or may be too personal. Remember: You do not have to answer any questions you do not wish to answer.

Questions?

About this project, please

- ask the person who asks you the interview questions

- call (local principal investigator) at (phone number). _

About your rights, please contact

- **The institutional review board (IRB) at (State/Local Health Department)** at (phone number).

- (Local IRB contact) at (phone number)

- **CDC at 1-404-639-8235. Please leave a brief message including your name and phone number. Say that you are calling in reference to the Medical Monitoring Project. Someone will return your call as soon as possible**.

Participant's Consent Statement

I agree to take part in the project described here. I have read the statement, understand the statement, and all my questions have been answered. I understand that my participation is completely voluntary.

_____ _____

Signature of Participant Date

_____ _____

Signature of Interviewer Date

MMP December 2013

Appendix H.2

Proyecto de Monitoreo Médico (MMP)
Declaración de consentimiento informado

La siguiente información debe ser leída a todos los posibles participantes.

Usted ha sido seleccionado para participar en este proyecto debido a que usted tiene el VIH. Su participación en este proyecto es voluntaria. Usted decide si desea participar o no. No tiene que participar en el proyecto si no desea hacerlo. También puede retirarse del proyecto en cualquier momento. Retirarse del proyecto no tendrá repercusiones y no perderá los beneficios a los cuales tiene derecho.

Por qué estamos realizando este proyecto

El VIH es el virus que causa el SIDA. Su departamento de salud, junto con los Centros para el Control y la Prevención de Enfermedades (CDC), está realizando este proyecto para obtener más información sobre las personas que están infectadas con el VIH y los tipos de servicios que usan y necesitan. Esta información nos ayudará a mejorar los programas para evitar que otras personas queden infectadas con el VIH y a mejorar los servicios para quienes ya están infectadas.

Lo que necesitamos de usted

Si usted decide participar en este proyecto, necesitaremos:

- hacerle unas preguntas
- revisar su historia médica.

Las preguntas
Contestar las preguntas tomará aproximadamente 45 minutos. Usted no tiene que responder las preguntas que no quiera responder.

Le haremos preguntas sobre sus

- antecedentes médicos
- uso de servicios sociales y médicos
- prácticas sexuales
- consumo de drogas y alcohol
- historia reproductiva (si usted es una mujer)
- capacidad para trabajar y cuidarse a sí mismo y a su familia

Si necesitamos más información, es posible que un miembro del personal se comunique con usted más adelante.

Aunque enviemos las respuestas a los CDC, no enviaremos ninguna información que pudiera identificarle o ser rastreada hasta usted. Sus respuestas se mantendrán confidenciales, identificadas únicamente por un número de código, y se mantendrán en un gabinete de archivos bajo llave que solamente podrá abrir el personal del proyecto.

Sus archivos médicos

Como parte de la vigilancia normal de salud pública, también revisaremos su archivo médico para colectar información clínica sobre su infección por el VIH. Esta información incluirá las enfermedades que ha tenido, las medicinas que ha tomado y la atención médica que ha recibido. De nuevo, no enviaremos ninguna información a los CDC que pueda identificarle o ser rastreada hasta usted. La información sobre su historia clínica estará vinculada a sus respuestas únicamente por un número de código.

Lo que puede esperar de nosotros

Privacidad
Protegeremos su privacidad. Mantendremos la privacidad y la confidencialidad de toda la información que nos dé. Mantendremos la confidencialidad de sus registros en la medida en que la ley lo permita. Sus respuestas se agruparán con las respuestas de otros participantes de manera que nadie sabrá qué respuestas vinieron de usted. Enviaremos la información que obtengamos de este proyecto a los CDC, pero no enviaremos ninguna información que pueda identificarle. La ley federal protege la confidencialidad de la información que mantienen los CDC.

Pago
Si contesta las preguntas y está de acuerdo en permitirnos revisar su historia clínica, recibirá $___ como muestra de aprecio por su participación. Si más adelante decide retirarse del proyecto, puede quedarse con el dinero.

Puntos que debe considerar

- Usted no incurrirá en ningún gasto (que no sea su tiempo y esfuerzo) por participar en este proyecto.
- Si lo desea, podemos darle información sobre cómo evitar pasarle el VIH a alguien más.
- Si lo desea, podemos darle información sobre los lugares en su área donde puede obtener servicios médicos y sociales.
- Aunque no reciba beneficios directos por su participación en este proyecto, usted nos ayudará a obtener más información sobre la manera de mejorar los servicios disponibles para otras personas con el VIH y el SIDA.
- Es posible que algunas de las preguntas le hagan sentir incómodo o sean demasiado personales. Recuerde: usted no tiene que responder las preguntas que no quiera responder.

¿Tiene alguna pregunta?

Si tiene alguna pregunta **sobre este proyecto**, por favor
- haga las preguntas a la persona que le hace la entrevista
- llame a (investigador principal local) al (número de teléfono)

Si tiene alguna pregunta **sobre sus derechos**, por favor comuníquese con

- **La Junta de Revisión Institucional (*Institucional Review Board* - IRB) del Departamento de Salud Local o Estatal)** al (número de teléfono).

- (persona contacto de la IRB local) al (número de teléfono)

- **los CDC al 1-404-639-8235. Por favor deje un breve recado e incluya su nombre y número de teléfono. Diga que está llamando en referencia al Proyecto de Monitoreo Médico . Alguien le devolverá la llamada tan pronto como sea posible.**

Declaración de consentimiento del participante

Estoy de acuerdo en participar en el proyecto descrito aquí. He leído la declaración, entiendo la declaración y todas mis preguntas me han sido contestadas. Entiendo que mi participación es completamente voluntaria.

_____ _____

Firma del participante Fecha

_____ _____

Firma del entrevistador Fecha

Appendix I

Checklist for Medical Monitoring Project (MMP)
Structured Face-to-Face Interviews

Instructions: This checklist should be used to document observations of **face-to-face interviews** conducted by your local interview staff. The field supervisor, the project coordinator, or the principal investigator should conduct the observations. Interviewers should successfully complete a minimum of three practice interviews prior to the start of data collection, with one of those being a telephone interview (TI) (see other checklist for TI). Once data collection begins, interviewers must be evaluated at least once during the first week. A minimum of 5% of completed interviews should be monitored until data collection ends. Following each evaluation, the evaluator and interviewer should meet to review the completed checklist and discuss areas where the interviewer could improve. Persons evaluating interviewers should be familiar with the MMP interview instrument and the MMP Interview Guide.

Evaluation Date:

Interviewer:

Face-to-Face Interview? *If NO, see separate telephone interview checklist*

Evaluator's Initials:

Criteria		**Mark Box:** **Y=Yes** **I-Needs Improvement** **N=Not Done**	**Comments**
	Preparation		
1.	Interviewer had all necessary materials including: consent forms, copies of English and Spanish paper questionnaires (in case of device failure), response cards, medication card, laptop or tablet device, participant incentives, educational materials and referrals.		
2.	Confidential materials were stored in a locked container before and after the interview.		
3.	Interviewer greeted participant in a friendly, courteous, and professional manner.		

	Consent Process		
4.	Interviewer followed all aspects of informed consent according to local protocol.		
5.	Interviewer provided the participant with a copy of the consent form to follow along.		
6.	Interviewer gave the participant a personal copy of the consent form.		
7.	Interviewer inquired about and, if applicable, addressed questions or concerns about the consent form.		
	Questionnaire Administration		
8.	Interviewer read questions exactly as written.		
9.	Interviewer read questions at an appropriate pace.		
10.	Interviewer avoided leading the participant to a particular response.		
11.	Interviewer demonstrated a neutral attitude.		

12.	Interviewer followed instructions: **"READ CHOICES"** and "**DO NOT READ CHOICES".**		
13.	Interviewer read Say Boxes *verbatim.*		
14.	Interviewer used all response cards when indicated.		
15.	Interviewer used the calendar to aid with time reference changes.		
	Interviewer Comments		
16.	**(If applicable)** Interviewer used the "Interviewer Comments" function to record additional comments.		
	Rapport		
17	Interviewer established a good rapport with the participant at beginning of interview and maintained it throughout interview.		
	Closing		
18.	Interviewer provided educational materials and referrals when appropriate.		
19.	(**If applicable)** Interviewer clarified any factual errors expresses by the participant during the interview.		
20.	Interviewer reimbursed the participant according to local protocol.		

Additional Comments:

Checklist for Medical Monitoring Project (MMP)
Structured Telephone Interviews (TI)

Instructions: This checklist should be used to document observations of **telephone interviews** (TI) conducted by your local interview staff. The field supervisor, the project coordinator, or the principal investigator should conduct the observations. Interviewers should successfully complete a minimum of three practice interviews prior to the start of data collection, with one of those being TI (see other checklist for face-to-face interviews). Once data collection begins, interviewers must be evaluated at least once during the first week. A minimum of 5% of completed interviews should be monitored until data collection ends. Following each evaluation, the evaluator and interviewer should meet to review the completed checklist and discuss areas where the interviewer could improve. Persons evaluating interviewers should be familiar with the MMP interview instrument and the MMP Interview Guide.

BECAUSE SOME PREPARATIONS FOR TI OCCUR BEFORE OR AFTER THE DATE OF INTERVIEW (MAILINGS, SCHEDULING, PROVIDING INCENTIVES, ETC.), IT IS NOT POSSIBLE FOR THE EVALUATOR TO DIRECTLY OBSERVE EVERYTHING ON THE CHECKLIST. INSTEAD THE EVALUATOR SHOULD DISCUSS THESE ISSUES WITH THE INTERVIEWER AND ASSESS THEIR UNDERSTANDING AND FOLLOW-THROUGH ON THESE TASKS.

Evaluation Date:

Interviewer:

Telephone Interview? *If NO, see separate face-to-face interview checklist*

Evaluator's Initials:

Criteria		**Mark Box:** **Y=Yes** **I-Needs Improvement** **N=Not Done**
	Preparation	
1.	Interviewer had all necessary materials or had previously provided them to the participant, including: consent forms, copies of English and Spanish paper questionnaires (in case of device failure), response cards, medication card, laptop or tablet device, participant incentives, educational materials and referrals.	
2.	Confidential materials were stored in a locked container before and after the interview.	

3.	Interviewer was prepared to conduct an interview at the time of recruitment (if written consent not required), if participant preferred that over scheduling for a later date.	
4.	If applicable, interviewer obtained permission from participant before mailing sensitive materials.	
5.	Interviewer secured a confidential, private space for administering the interview and confirmed that participant was also in a confidential, private space.	
6.	Interviewer confirmed participant identity, using local script if it exists.	
7.	Interviewer explained if/how cell phone minutes will be reimbursed (if applicable).	
8.	Interviewer provided access to response cards via web or mail as feasible.	
9.	If written consent required, interviewer included response cards in the mailing. If response cards were not used, interviewer asked participant to find and refer to a calendar for time references.	
10.	Interviewer greeted participant in a friendly, courteous, and professional manner.	
	Consent Process	
11.	Interviewer followed all aspects of informed consent according to local protocol. If oral, interviewer provided (e.g., by mail) a copy of the consent, including contact information for the local IRB. If written, and required by participant preference or local regulations, interviewer mailed the consent form and requested that it be signed and returned before interview was scheduled, and also obtained permission before mailing sensitive materials.	
12.	Interviewer inquired about and, if applicable, addressed any questions or concerns about the consent form.	

	Questionnaire Administration	
13.	Interviewer informed participant that the interview would take about 45 minutes.	
14.	Interviewer read questions exactly as written.	
15.	Interviewer read questions at an appropriate pace.	
16.	Interviewer avoided leading the participant to a particular response.	
17	Interviewer demonstrated a neutral attitude.	
18.	Interviewer followed instructions: "**READ CHOICES" and "DO NOT READ CHOICES."**	
19.	Interviewer read Say Boxes *verbatim.*	
20.	Interviewer used all response cards when indicated and confirmed that participant was able to find appropriate card (if mailed in advance or accessed on-line).	
21.	Interviewer used the calendar to aid with time reference changes and confirmed that participant was able to identify and understand the time period in question.	
	Interviewer Comments	
22.	**(If applicable)** Interviewer used the "Interviewer Comments" function to record additional comments.	

	Rapport	
23.	Interviewer established a good rapport with the participant at beginning of interview and maintained it throughout interview.	
	Closing	
24.	Interviewer provided (verbal or mailed) educational materials and referrals when appropriate.	
25.	**(If applicable)** Interviewer clarified any factual errors expressed by the participant during the interview.	
26.	Interviewer reimbursed the participant according to local protocol.	

Additional Comments:

Appendix J

Sampled Patient moves out of your jurisdiction to a NEW surveillance jurisdiction

Is the NEW surveillance jurisdiction an MMP project area?

N → Either abstract the patient's medical records without interview under you surveillance authority or collect the Minimum Data Set

Y → Does your project area or facility(ies) in your project area require special, signed authorization for medical record abstraction (MRA)?

N →

Call the MMP PI in the NEW surveillance jurisdiction and request that they interview the patient. PI agrees?

N → Either abstract the patient's medical records without interview under you surveillance authority or collect the Minimum Data Set

Y →

Forward the patients 12-digit MMP ID number to the MMP PI in the NEW surveillance jurisdiction

Patient consents and is interviewed?

N → Either abstract the patient's medical records without interview under you surveillance authority or collect the Minimum Data Set

Y →

Obtain a copy of the Facility Visits Log and Informed Consent collected by the NEW surveillance jurisdiction.

Abstract the patient's medical records from all appropriate facilities in your own jurisdiction to the extent of your surveillance authority

Y →

Call the MMP PI in the NEW surveillance jurisdiction and request that they interview the patients. PI agrees?

N →

Y →

Forward a copy of your project area (or facility) authorization/release form and the patient's 12-digit MMP ID number to the MMP PI in the NEW surveillance jurisdiction

Patient consents and is interviewed?

N →

Y →

Obtain the signed Informed Consent, authorization/release form, and a copy of the Facility Visits Log administered by the NEW surveillance jurisdiction.

Abstract the patient's medical records from all facilities in your own jurisdiction using the signed authorization and Facility Visits Log collected by the NEW surveillance jurisdiction.

The patient's interview and MRA data (from whatever portion of HIV-care they received in the NEW surveillance jurisdiction) will be sent by the NEW surveillance jurisdiction to CDC. CDC will move the patient's data to your project area's data set. You will receive the patient's interview and MRA data as part of the regularly delivered SAS interview data file.

An MMP PI from another project area calls and requests that you interview a patient sampled in their surveillance jurisdiction but who has since moved to yours.

The PI forwards you the patient's 12-digit MMP ID number and any special authorization form required for medical records abstraction (MRA) by the former MMP project area

As you will be interacting with the patient, it is your responsibility to fulfill the human subjects' protection requirements for data collection in accordance with ***your*** project area's policies/procedures. Do you conduct MMP as research?

Y

You should consent and interview the patient in accordance with the protocol approved by ***your*** IRB, even if the patient was sampled from a project area that did not consider MMP research.

Obtain the patient's signature on any special authorization form for MRA provided by the PI from the former jurisdiction or on any special authorization required for MRA in your jurisdiction.

Conduct the interview and record information about facilities visited by the patient on the Facilities Visit Log.

Forward any signed special authorization for medical records abstraction, copy of the informed consent, and copy of the Facility Visit Log back to the PI of the former jurisdiction

N

You conduct MMP as routine surveillance/non-research; you may consent and interview this patient as you would any other patient in your jurisdiction, even if the patient was sampled from a project area that conducted MMP as research under IRB stipulations/approval.

Obtain the patient's signature on any special authorization form for MRA provided by the PI from the former jurisdiction or on any special authorization required for MRA in your jurisdiction.

Conduct the interview and record information about facilities visited by the patient on the Facilities Visit Log.

Forward any signed special authorization for medical records abstraction, copy of the informed consent, and copy of the Facility Visit Log back to the PI of the former jurisdiction

Abstract the patient's medical records from appropriate facilities in your jurisdiction based upon the Facilities Visit Log. Upload and transfer the interview data to CDC as you would any other interview data. CDC will move the interview and MRA data to the appropriate data set using the 12-digit MMP ID number. The interview and MRA data will be made part of the SAS data set for the former jurisdiction where the patient was sampled.

Appendix K

MMP MEDICAL RECORD ABSTRACTION 2013 DATA DICTIONARY

DEMOGRAPHICS SECTION

Form section	Form label	Data type	Allowable values	Comments
Participant ID	Participant ID	Numeric		
Abstractor ID	Abstractor ID	Numeric		
Facility ID	Facility ID	Numeric		
Abstraction date	Date of abstraction	Date		
Death	Death	Drop down list	Yes, No/Not documented	
Date of Death	Date of death	Date	Allow partial date and date not documented	
Causes of Death	Causes of death	Drop down list		
Source Death Data	Sources of death data	Drop down list	Death Certificate, Documented in chart, Information obtained during contact attempt, Hospital discharge notes, Information obtained from clinic staff, Other	
Observation period	Start of observation period	Date		
	End of observation period	Date		
Date of birth	Month of birth	Drop down list	January-December	
	Year of birth	Number		
Gender	Gender	Drop down list	Male; Female; Transgender; Transgender male (female-to-male); Transgender female (male-to-female); Not documented	
Race	Race	Check all that apply	American Indian/Alaska Native; Asian; Black/African American; Native Hawaiian/Other Pacific Islander; White; Not documented;	
Ethnicity	Hispanic/Latino ethnicity or Spanish Origin	Drop down list	Yes, No, Not documented	
Insurance	Insurance category	Check all that apply	ADAP, Medicare, Medicaid, Ryan White, Tricare or Champus, VA Coverage, Private health insurance, None/Self-Pay, City county state or other publicly funded insurance, Other insurance (specify), Not documented	
HIV diagnosis date	Date of diagnosis	Date	Allow partial dates and date not documented	
Lowest CD4 count	Lowest CD4 count		Lowest CD4 count documented	
Date of lowest CD4	Date of lowest CD4 count	Date	Allow date not documented	
Source of lowest CD4 count data	Source of nadir CD4 data	Drop down list	Flowsheet, Progress note indicating value based on participant self-report, Provider progress note indicating value based on laboratory report, Laboratory report	

HEALTHCARE ENCOUNTERS SECTION

Form section	Form label	Data type	Allowable values
Encounters	Encounter date	Date	
HIV Provider Encounter	Where did the encounter take place?	Drop down list	In person, By Phone, By email, Other, Unknown
	With whom did the encounter take place?	Drop down list	MD, DO, PA, NP, Other, Unknown
	Did the encounter take place with a known HIV provider?	Drop down list	Yes, No, Unknown
	Were any vital signs documented during the encounter	Drop down list	Yes, No
	Was ≥ 1 physical exam findings documented during the encounter	Drop down list	Yes, No
	Was antiretroviral therapy prescribed or refilled during the encounter	Drop down list	Yes, No, Unknown
Non-HIV Provider Encounter	Did encounter take place with a non-HIV provider?	Drop down list	Yes, No, Unknown
	If yes, specify provider type	Drop down list	List of provider types
Physical Exam			
	Weight: unit of measurement	Drop down list	Pounds, Kilograms
	Weight: measurement	Numeric	Allow weight not documented
	Height: unit of measurement	Drop down list	Feet, inches
	Height: Measurement	Numeric	Allow height not documented
	Systolic blood pressure	Numeric	Allow blood pressure not documented
	Diastolic blood pressure	Numeric	Allow blood pressure not documented

Form section	Form label	Data type	Allowable values	Comments
Hospitalizations	Was the patient hospitalized?	Drop down list	Yes, No/ Not documented	
	Inpatient admission date	Date	Allow partial dates and date not documented option	
	Inpatient discharge date	Date	Allow partial dates and date not documented option	
	Discharge diagnoses	Drop down list		
	Specify other diagnosis	Text field		

DIAGNOSES SECTION

Form section	Form label	Data type	Allowable values	Comments
Diagnosis	Diagnosis	Drop down list		
	Specify other diagnosis	Text field		
	Diagnosis Time Period	Check boxes	Present prior to start of observation period, started or ongoing in first 6 months, started or ongoing 6-12 months in, started or ongoing 12-18 months in, started or ongoing 18-24 months in, Ongoing at end of observation period.	Check all that apply

MEDICATION SECTION

Form section	Form label	Data Type	Allowable values	Comments
Medication	Medication	Drop down		
	Specify other medication	Text field		
	Frequency for ARVs only	Drop down	QD(daily), BID(2x/day), TID(3x/day), QID(4x/day), QAM (every morning), QPM(every evening), QHS(every night before sleep), Q4H(every 4 hours), Q6H(every 6 hours), Q8H(every 8 hours), Q12H(every 12 hours), QOD(every other day), QWK(1x/week), BIW(2x/week), Once, Other (specify), Not documented	
	Medication Time Period	Check boxes	Present prior to start of observation period, started or ongoing in first 6 months, started or ongoing 6-12 months in, started or ongoing 12-18 months in, started or ongoing 18-24 months in, Ongoing at end of observation period.	Check all that apply

PROCEDURES SECTION

Form section	Form label	Data Type	Allowable values	Comments
Procedures	Procedure type	Drop down list		
	Procedure date	Date		

PROPHYLAXIS SECTION

Form section	Form label	Data Type	Allowable values	Comments
MAC	MAC Prophylaxis Administered	Drop down list	Yes, No/Not documented	
	MAC medication regimen	Drop down list	Approved List.	
	MAC Time Period	Check boxes	Present prior to start of observation period, started or ongoing in first 6 months, started or ongoing 6-12 months in, started or ongoing 12-18 months in, started or ongoing 18-24 months in, Ongoing at end of observation period.	Check all that apply
PCP	PCP Prophylaxis Administered	Drop down list	Y or No/Not documented	
	PCP Medication regimen	Drop down list	Approved List.	
	PCP Time Period	Check boxes	Present prior to start of observation period, started or ongoing in first 6 months, started or ongoing 6-12 months in, started or ongoing 12-18 months in, started or ongoing 18-24 months in, Ongoing at end of observation period.	Check all that apply
Influenza Vaccine	Vaccine received	Drop down list	Yes, No/Not documented	
	Dates vaccine received	Date	Allow partial date and date not documented option	

PREGNANCY SECTION

Form section	Form label	Data Type	Allowable values	Comments
Pregnant	Pregnant during obs period	Drop down list	Yes, No/Not documented	
Number of pregnancies	Number of pregnancies	Numeric		
Delivery Method	Delivery Method	Drop down list	C-section (elective); C-section (non-elective); Induced vaginal delivery, Spontaneous vaginal delivery, ND	
Pregnancy Outcome	Pregnancy Outcome	Drop down list	Live birth, Elective surgical abortion, Elective medical abortion (RU486), Intrauterine fetal death, spontaneous abortion/miscarriage, Still pregnant, Not documented	
Date of Pregnancy Outcome	Date of Pregnancy Outcome	Date	Allow partial date and date not documented option	

PAP SMEAR AND MAMMOGRAM SECTION

Form section	Form label	Data Type	Allowable values	Comments
Pap	Pap date	Date	Date not documented	
Pap	Pap source	Drop down list	Cervix, Vaginal, Anus, Not documented	
	Pap result	Drop down list	Negative for intraepithelial lesion or malignancy, ASC-US, ASC-H, LSIL, HSIL, Squamous cell carcinoma, Atypical glandular cells, Atypical glandular cells-favor neoplastic, Endocervical carcinoma in situ, Adenocarcinoma, Other.	
Mammogram	Mammogram date	Date	Date not documented	
	Mammogram result	Drop down list	Normal, Abnormal, Not documented	

LABORATORY/SCREENING SECTION

Form section	Form label	Data Type	Allowable Values	Units	Soft Flag Values	Reference Range
	Specimen Collection Date	Date				
HIV Labs						
CD4	CD4 cell count	Numeric	Allow only integers	cells/µL or cells/mm^3	Lower limit: 0 Upper limit: 2X	350-1750 cells/µL
	CD4 percent	Numeric	0-100%	%	Lower limit: 0 Upper limit: 100	29-61%
HIV Viral Load	HIV VL Upper Limit of Detection	Drop down list	Upper Limits: 75000; 100,000; 500000; 750000; 1 million; 10 million; 100 million; Other specify		N/A	N/A
	HIV VL Lower Limit of Detection	Drop down list	Lower Limits: 20, 25, 30, 40, 45, 48, 50, 75, 80, 96, 100, 200, 400; 500; Other specify		N/A	N/A
	HIV Viral load result	Numeric		copies/mL or Units/mL or x 10^3 copies/mL or x K copies/mL	Value outside of upper and lower limits or = to upper/lower limit	N/A
	HIV Viral Load Sign		>upper limit; < lower limit or undetectable			
HIV Resistance						
Genotype/ Virtual Phenotype	Genotype or virtual phenotype performed?	Drop down list	Yes, No/Not documented	N/A	NA	N/A

MMP MEDICAL RECORD ABSTRACTION 2013 DATA DICTIONARY

Form section	Form label	Data Type	Allowable Values	Units	Soft Flag Values	Reference Range
	Lab report in chart?	Drop down list	Yes, No	N/A	NA	N/A
	Results from genotype or virtual phenotype?	Drop down list	Genotype, Virtual Phenotype	N/A	NA	N/A
	Collection date	Date				
	Specimen adequate?	Drop down list	Yes, No	N/A	NA	N/A
	Mutations detected?	Drop down list	Yes, No	N/A	NA	N/A
	Mutation types	Drop down list	Check all that apply from a list of mutations taken from Stanford Database	N/A	N/A	N/A
Standard phenotype	Standard phenotype performed?	Drop down list	Yes, No, Not documented	N/A	N/A	N/A
	Collection date	Date				
Tropism assay		Drop down list	CCR5; CRCX4; Dual/Mixed	N/A	N/A	N/A
Lipid tests	Total cholesterol	Numeric		mg/dL or mmol/L	Lower limit: 0 Upper limit: x5	120-250 mg/dL
	HDL	Numeric		mg/dL or mmol/L	Lower limit: 0 Upper limit: x3	35-85 mg/dL
	LDL	Numeric		mg/dL or mmol/L	Lower limit: 0 Upper limit: x5	80-120 mg/dL
	Triglycerides	Numeric		mg/dL or mmol/L	Lower limit: 0 Upper limit: x5	54-150 mg/dL
Chemistry						
	Serum Creatinine	Numeric		mg/dL or µmol/L	Lower limit: 0 Upper limit: x5	0.6-1.2 mg/dL
	[AST] Aspartate aminotransferase	Numeric		IU/L or U/L or µKat/L	Lower limit: 0 Upper limit: x 10	0-35 IU/L 0-0.58 µKat/L
	[ALT] Alanine aminotransferase	Numeric		U/L Or µKat/L	Lower limit: 0 Upper limit: x 10	0-35 U/L 0-0.58 µKat/L
	Total Bilirubin	Numeric		mg/dL or µmol/L	Lower limit: x 0.5 Upper limit: x 3	0.1-1.2 mg/dL 2-21 µmol/L
	Albumin	Numeric		g/dL or U/L or µmol/L	Lower limit: x 0.5 Upper limit: x 2	3.4-4.7 g/dL
	Glucose	Numeric		mg/dL or mmol/L	Lower limit: x 0.5 Upper limit: x 5	60-110 mg/dL 3.3-6.1 mmol/L
	HbA1c	Numeric		%	Lower limit: x 0.5 Upper limit: x3	3.9-5.3%
	Serum calcium	Numeric		mg/dL or mmol/L	Lower limit: x 0.5 Upper limit: x 1.5	8.5-10.5 mg/dL 2.1-2.6 mmol/L

Form section	Form label	Data Type	Allowable Values	Units	Soft Flag Values	Reference Range
				or mEq/L		
Urine Tests						
	Urine Protein	Numeric		mg/dL or mcg/g or mg/g	Lower limit: 0 Upper limit: >2000mg/dL	0
	Urine Protein Dipstick	Drop down list	Negative, Trace , 0, +1, +2, +3, +4, Positive, Small, Moderate, Large, +, ++, +++, ++++	N/A	N/A	Negative
	24 Hour Urine protein	Numeric		mg/24 hours	Lower limit: 0 Upper limit: x10	30-300 mg/24 hours
	Urine Creatinine	Numeric		mg/dL or g/dL	Lower limit: 0 Upper limit: x3	30-300 mg/dL
	Urine Albumin	Numeric		mg/dL or mg/g	Lower limit: 0 Upper limit: x3	<300 mg/g
	Albumin/ Creatinine	Numeric		mg/g or mcg/mg or mg/mmol	Lower limit: 0 Upper limit: x3	<300 mg/g
CBC						
	WBC	Numeric		x 10^3/µL or x 10^3/mm^3 or x 10^9/L	Lower limit: x 0.5 Upper limit: x3	3.4-10 x 10^3/ µL
	Neutrophils	Numeric		x 10^3/µL or x 10^9/L	Lower limit: 0 Upper limit: x3	1.8-6.8 x 10^3/µL (3-5%)
	Lymphocyte	Numeric		x 10^3/µL or x 10^9/L	Lower limit: 0 Upper limit: x3	0.9-2.9 x 10^3/µL (16-45%)
	Monocytes	Numeric		x 10^3/µL or x 10^9/L	Lower limit: 0 Upper limit: x3	0.1-0.6 x 10^3/µL (3-10%)
	Eosinophils	Numeric		x 10^3/µL or x 10^9/L	Lower limit: 0 Upper limit: x3	0.0-0.4 x 10^3/µL (0-3%)
	Basophils	Numeric		X 10^3/µL or X 10^9/L	Lower limit: 0 Upper limit: x3	0.0-0.1 x 10^3/µL (0-2%)
	Hemoglobin	Numeric		g/dL or mmol/L	Lower limit: x 0.5 Upper limit: x 2	M13.6-17.5 g/dL F: 12.0-15.5 g/dL
	Hematocrit	Numeric		%	Lower limit: x 0.5 Upper limit: x 2	Male: 39-50% Female: 35-45%
	Platelets	Numeric		x 10^3/µL	Lower limit: x 0.3 Upper limit :x 3	150-450 x 10^3/µL
	MCV	Numeric		fL	Lower limit: x 0.5 Upper limit: x 1.3	80-100 fL
Other Chemistry						
	Vitamin D_3, 25-hydroxy [25(OH)D3]	Numeric		ng/mL or nmol/L	Lower limit: x 0.5 Upper limit: x 3	10-50 ng/mL 25-125 nmol/L
	Intact Parathyroid	Numeric		pg/mL	Lower limit: x 0.5	11-54 pg/mL

Form section	Form label	Data Type	Allowable Values	Units	Soft Flag Values	Reference Range
	hormone [PTH]			or pmol/L or ng/L	Upper limit: x3	1.2-5.7 pmol/L
	[TSH] Thyroid stimulating Hormone	Numeric		µU/mL or mU/L	Lower limit: x 0.5 Upper limit: x10	0.4-5 µU/mL
	[INR] International Normalized Ratio	Numeric		None	Lower limit: x 0.5 Upper limit: x4	0.8-1.2
	Total Testosterone	Numeric		ng/dL or ng/mL or nmol/L	Lower limit: x 0.3 Upper limit: x 5	>320 ng/dL 0r 3-10 ng/mL
Other Serology and Viral Load						
	Toxoplasma IgG Antibody Result	Drop down list	Positive, Negative, Indeterminate	N/A	N/A	Negative
	Hepatitis C Antibody	Drop down list	Positive, Negative, Indeterminate	N/A	N/A	Negative
	Hepatitis C qualitative PCR	Drop down list	Positive, Negative, Indeterminate	N/A	N/A	Negative
	Hepatitis C quantitative PCR	Numeric	Allow for a < or > symbol and a value of undetectable	IU/mL Or Copies/mL	Value outside upper and lower limits	
	Hepatitis C qualitative VL test Upper Limits	Numeric		N/A	N/A	N/A
	Hepatitis C qualitative VL test Lower Limits	Numeric		N/A	N/A	N/A
	Hepatitis B Surface IgG Antibody	Drop down list	Positive, Negative, Indeterminate	N/A	N/A	Negative
	Hepatitis B Surface Antigen	Drop down list	Positive, Negative, Indeterminate	N/A	N/A	Negative
	Hepatitis B Core IgG Antibody	Drop down list	Positive, Negative, Indeterminate	N/A	N/A	Negative
	Hepatitis B DNA	Numeric	Allow for a < or > symbol and a value of undetectable	IU/mL Or Copies/mL	Value outside upper and lower limits	
	Hepatitis B DNA Test Upper Limits	Numeric		N/A	N/A	N/A
	Hepatitis B DNA Test Lower Limits	Numeric		N/A	N/A	N/A
STI Testing						
Gonorrhea	Source of specimen	Drop down list	Anorectal, cervical, ocular, pharyngeal, urethral, urine, vaginal, lymph node, ND	N/A	N/A	N/A
	Test type	Drop down list	Culture, gram stain, NAAT, DNA probe, EIA, DFA, ND	N/A	N/A	N/A
	Test result	Drop down list	Positive, negative, indeterminate, not reported	N/A	N/A	Negative

MMP MEDICAL RECORD ABSTRACTION 2013 DATA DICTIONARY

Form section	Form label	Data Type	Allowable Values	Units	Soft Flag Values	Reference Range
Chlamydia	Source of specimen	Drop down list	Anorectal, cervical, ocular, pharyngeal, urethral, urine, vaginal, lymph node, ND	N/A	N/A	N/A
	Test type	Drop down list	Culture, NAAT, DNA probe, EIA, DFA, ND	N/A	N/A	N/A
	Test result	Drop down list	Positive, negative, indeterminate, ND	N/A	N/A	Negative
Syphilis	Source of specimen		Serum, CSF, lymph node, tissue, lesion, ND			
	Test type	Drop down list	RPR, VDRL, FTA-ABS, TP-PA or MHA-TP or TPHA, EIA, CIA, Dark field	N/A	N/A	N/A
	Test result	Drop down list	Positive, negative, indeterminate, ND	N/A	N/A	Negative
	Titer result	Numeric	1:X (Allow any value to be entered for X)	N/A	N/A	Non-reactive
Trichomonas	Source of specimen		Anorectal, cervical, urethral, vaginal, urine, ND			
	Type of test	Drop down list	Microscopy, wet mount, EIA, DNA probe, PCR, culture, immunochromatography	N/A	N/A	N/A
	Test result	Drop down list	Positive, negative, indeterminate, ND	N/A	N/A	Negative
TB Testing	PPD Placed	Drop down list	Yes, No/Not Documented			
	PPD Read	Drop down list	Yes, No/Not Documented			
	PPD Read Date	Date	Date Not Documented			
	PPD Result	Drop down	Negative; Positive; 0 mm; 1 mm; 2 mm; 3 mm; 4 mm; ≥5 mm	mm	N/A	Negative
	IGRA date	Date			N/A	
	IGRA Type	Drop down list	Quantiferon-TB-Gold, T-Spot			
	IGRA Result	Drop down	Positive, Negative, Borderline, Indeterminate, ND	N/A	N/A	Negative

Appendix L

2013 Minimum Dataset Variables

2012 SAS variable Number	eHARS PERSON dataset variable name	SAS Variable Name	Label	Description	Values	SAS Format	HARS Variable Name
		PARID	Participant ID	Participant ID		parid	parid
405	stateno	STATENO	State patient number (STATENO)			stateno	stateno
260	dob	dob	Date of birth	The patient's date of birth		YYYYMMDD	birth
203	dx_status	dx_status	Diagnostic status (calculated)	The calculated diagnostic status of the case.	1- Adult HIV (Stage 1, 2, or unknown)	$DX_STS	diagstat
					2- AIDS (HIV, Stage 3)		
					3- Perinatal Exposure		
					4- Pediatric HIV		
					5- Pediatric AIDS		
					6- Pediatric seroreverter		
					9- Unknown, Not a Case		
206	hiv_age_yrs	hiv_age_yrs	Age at HIV diagnosis (years)	The calculated age at HIV diagnosis in years			hage_yrs
205	hiv_age_mos	hiv_age_mos	Age at HIV diagnosis (months)	The calculated age at HIV diagnosis, in months			hage_mos
152	aids_age_yrs	aids_age_yrs	Age at AIDS diagnosis (years)	The calculated age at AIDS (HIV, stage 3) diagnosis, in years			age_yrs
151	aids_age_mos	aids_age_mos	Age at AIDS diagnosis (months)	The calculated age at AIDS (HIV, stage 3) diagnosis, in months			age_mos
257	birth_sex	birth_sex	Sex at birth	The patient's sex at birth	M- Male	$BTH_SEX	sex
					F- Female		
					U- Unknown		
258	current_gender	current_gender	Current gender	The patient's current gender	CD- Cross dresser	$CUR_GEN	N/A
					DQ- Drag queen		
					F- Female		
					FM- Female to male		
					I- Intersexed		
					M- Male		
					MF- Male to female		
					SM- She male		
259	current_sex	current_sex	Current sex	The patient's current sex	M- Male	$CUR_SEX	N/A
					F- Female		
					I- Intersexed		

263	ethnicity1	ethnicity1	Ethnicity	The ethnicity of the patient (i.e., whether or not he/she is Hispanic/Latino)	E1- Hispanic or Latino	$ETHNIC	race, hisp ,ndi_hisp
					E1.01-Spaniard	-	
					E1.02-Mexican	-	
					E1.03-Central American	-	
					E1.04-South American	-	
					E1.05-Latin American	-	
					E1.06-Puerto Rican	-	
					E1.07-Cuban	-	
					E1.08-Dominican	-	
					E2-Not Hispanic or Latino	-	
					Unk-Unknown	-	
224	race	race	Race	Race (calculated)	1- Hispanic, any race	$C_RACE	N/A
					2- Not Hispanic, American Indian/Alaska Native		
					3- Not Hispanic, Asian		
					4- Not Hispanic, Black		
					5- Not Hispanic, Native Hawaiian/Pacific Islander		
					6- Not Hispanic, White		
					7- Not Hispanic, Legacy Asian/Pacific Islander		
					8- Not Hispanic, Multi-race		
					9- Unknown		
269	race1	race1	Race 1	The race of the patient	R1-American Indian / Alaska Native	$E_RACE	all HARS race fields
					R2-Asian	-	
					R3-Black / African American	-	
					R4-Native Hawaiian / Other Pacific Islander	-	
					R5-White	-	
					Unk-Unknown	-	
270	race2	race2	Race 2	The race of the patient	R1-American Indian / Alaska Native	$E_RACE	all HARS race fields
					R2-Asian	-	
					R3-Black / African American	-	
					R4-Native Hawaiian / Other Pacific Islander	-	
					R5-White	-	

					Unk-Unknown	-	
271	race3	race3	Race 3	The race of the patient	R1-American Indian / Alaska Native	$E_RACE	all HARS race fields
					R2-Asian	-	
					R3-Black / African American	-	
					R4-Native Hawaiian / Other Pacific Islander	-	
					R5-White	-	
					Unk-Unknown	-	
272	race4	race4	Race 4	The race of the patient	R1-American Indian / Alaska Native	$E_RACE	all HARS race fields
					R2-Asian	-	
					R3-Black / African American	-	
					R4-Native Hawaiian / Other Pacific Islander	-	
					R5-White	-	
					Unk-Unknown	-	
273	race5	race5	Race 5	The race of the patient	R1-American Indian / Alaska Native	$E_RACE	all HARS race fields
					R2-Asian	-	
					R3-Black / African American	-	
					R4-Native Hawaiian / Other Pacific Islander	-	
					R5-White	-	
					Unk-Unknown	-	
255	birth_country_cd	birth_country_cd	Country code of birth	The patient's country of birth	CountryUS_DependencyCode	$CTRY_CD	bhcntry
256	birth_country_usd (for US Dependencies)	birth_country_usd	Birth country, U.S. dependency code	The patient's country of birth, if U.S. Dependency	CountryUS_DependencyCode	$CTRY_CD	bhosp_st bhcntry
474	aids_insurance	aids_insurance	Primary reimbursement for medical treatment (AIDS)	At the time of AIDS (HIV, satge 3) diagnosis, the person's primary reimbursement source for medical treatment	01-CHAMPUS/TRICARE	$INSURE	N/A
					02- CHIP		
					03- Medicaid		
					04- Medicaid, pending		
					05- Medicare		
					06- Other public funding		
					07- Private insurance, HMO		
					08- Private insurance, PPO		
					09- Private insurance, unspecified		

					10- Self insured		
					11- State funded, COBRA		
					12- State funded, other		
					13- State funded, unspecified		
					14- VA		
					15- No health insurance		
					88- Other		
					99- Unknown		
481	hiv_insurance	hiv_insurance	Primary reimbursement for medical treatment (HIV)	Primary reimbursement type for the patient's HIV medical treatment at the time of HIV diagnosis	01- CHAMPUS/TRICARE	$INSURE	N/A
					02- CHIP		
					03- Medicaid		
					04- Medicaid, pending		
					05- Medicare		
					06- Other public funding		
					07- Private insurance, HMO		
					08- Private insurance, PPO		
					09- Private insurance, unspecified		
					10- Self insured		
					11- State funded, COBRA		
					12- State funded, other		
					13- State funded, unspecified		
					14- VA		
					15- No health insurance		
					88- Other		
					99- Unknown		
475	c_art	c_art	Patient received anti-retroviral therapy	For a pediatric case: Child received anti-retroviral therapy?	Y - Yes	$YNU	antiretv
					N - No		
					U – Unknown		
491	pcp_prophylaxis	pcp_prophylaxis	Received PCP prophylaxis	Received PCP prophylaxis?	Y- Yes	$YNU	pcpproph
					N- No		
					U- Unknown		

555	sex_male	sex_male	Adult sex with male	After 1977 and preceding the first positive HIV antibody test or AIDS (HIV, stage 3) diagnosis, did the patient have sexual relations with a male?	Y- Yes	$YNUCDC	sex_male
					N- No		
					U- Unknown		
					2- CDC confirmed		
556	sex_female	sex_female	Adult sex with female	After 1977 and preceding the first positive HIV antibody test or AIDS (HIV, stage 3) diagnosis, did the patient have sexual relations with a female?	Y- Yes	$YNUCDC	sex_fmle
					N- No		
					U- Unknown		
					2- CDC confirmed		
557	idu	idu	Adult IDU	The adult patient injected non-prescription drugs.	Y- Yes	$YNUCDC	iv
					N- No		
					U- Unknown		
					2- CDC confirmed		
574	bldprd_legacy	bldprd_legacy	Adult received clotting factor (LEGACY)	For an adult case: The person received clotting factor for hemophilia/coagulation disorder. (Legacy variable from HARS)	Y- Yes	$YNUCDC	bldprd
					N- No		
					U- Unknown		
					2- CDC Confirmed (applies to COPHI cases only)		
558	clotting_factor	clotting_factor	Adult received clotting factor	For adult HIV cases: Person received clotting factor for hemophilia/coagulation disorder (as collected in eHARS, not HARS)	Y- Yes	$YNUCDC	N/A
					N- No		
					U- Unknown		
					2- CDC Confirmed (applies to COPHI cases only)		

560	sex_idu	sex_idu	Adult heterosexual contact with IDU	After 1977 and preceding the first positive HIV antibody test or AIDS (HIV, stage 3) diagnosis, did the patient have heterosexual relations with an intravenous/injection drug user?	Y- Yes	$YNUCDC	s_iv
					N- No		
					U- Unknown		
					2- CDC confirmed		
561	sex_bisexual_male	sex_bisexual_male	Adult heterosexual contact with bisexual male	After 1977 and preceding the first positive HIV antibody test or AIDS (HIV, stage 3) diagnosis, did the patient have heterosexual relations with a bisexual male?	Y- Yes	$YNUCDC	s_bi
					N- No		
					U- Unknown		
					2- CDC confirmed		
562	sex_hemo	sex_hemo	Adult heterosexual contact with person with hemophilia	After 1977 and preceding the first positive HIV antibody test or AIDS (HIV, stage 3) diagnosis, did the patient have heterosexual relations with a patient with hemophilia/coagulation disorder?	Y- Yes	$YNUCDC	s_hemo
					N- No		
					U- Unknown		
					2- CDC confirmed		
563	sex_transfusion	sex_transfusion	Adult heterosexual contact with transfusion recipient with HIV infection	After 1977 and preceding the first positive HIV antibody test or AIDS (HIV, stage 3) diagnosis, did he patient have heterosexual relations with a transfusion recipient with documented HIV infection?	Y- Yes	$YNUCDC	s_tx
					N- No		
					U- Unknown		
					2- CDC confirmed		

564	sex_transplant	sex_transplant	Adult heterosexual contact with transplant recipient with HIV infection	After 1977 and preceding the first positive HIV antibody test or AIDS (HIV, stage 3) diagnosis, did the patient have heterosexual relations with a transplant recipient with documented HIV infection?	Y- Yes	$YNUCDC	s_trnplt
					N- No		
					U- Unknown		
					2- CDC confirmed		
565	sex_hiv	sex_hiv	Adult heterosexual contact with person with HIV infection	After 1977 and preceding the first positive HIV antibody test or AIDS (HIV, stage 3) diagnosis, did the patient have heterosexual relations with a patient with AIDS or documented HIV infection, risk not specified?	Y- Yes	$YNUCDC	s_hiv
					N- No		
					U- Unknown		
					2- CDC confirmed		
566	transfusion	transfusion	Adult received transfusion	After 1977 and preceding the first positive HIV antibody test or AIDS (HIV, stage 3) diagnosis, did the patient receive a transfusion of blood/blood products (other than clotting factor)?	Y- Yes	$YNUCDC	transfus
					N- No		
					U- Unknown		
					2- CDC Confirmed		
569	transplant	transplant	Adult received transplant or artificial insemination	After 1977 and preceding the first positive HIV antibody test or AIDS (HIV, stage 3) diagnosis, did the patient receive a transplant of tissue/organs or, if the patient was female, artificial insemination?	Y- Yes	$YNUCDC	tranplnt
					N- No		
					U- Unknown		
					2- CDC Confirmed		

264	hcw	hcw	Health care worker	Does this patient's occupation involve working in the health care industry? This is a demographic variable and is not related to the risk factor variable.	Y- Yes	$YNU	N/A
					N- No		
					U- Unknown		
570	hcw_risk	hcw_risk	Adult worked in health care or clinical laboratory setting	Has the adult patient worked in a healthcare or clinical laboratory setting (as a health care worker) before acquiring HIV?	Y- Yes	$YNUCDC	hcw
					N- No		
					U- Unknown		
					2- CDC Confirmed		
204	expo_categ	expo_categ	Exposure category	The exposure category of the patient	01- MSM Only 02- IDU Only 03- Heterosexual contact only 04- MSM and IDU 05- IDU & Hetero. Contact 06- MSM & Hetero. Contact 07- MSM & IDU & Hetero. Contact 08- Perinatal Exposure 09- Other 10- No identified risk (NIR) 11- No reported risk (NRR)	$EX_CAT	N/A
235	trans_categ	trans_categ	Transmission category	This calculated variable represents HIV exposure, based on a group of risk behaviors. The risk factors are grouped by adult and pediatric, based on the patient's age at diagnosis of HIV. The selection of the most likely route of transmission is based on a presumed hierarchical order of transmission.	01- Adult MSM	$TR_CAT	mode
					02- Adult IDU		
					03- Adult MSM & IDU		
					04- Adult received clotting factor		
					05- Adult heterosexual contact		
					06- Adult received transfusion/transplant		

					07- Perinatal exposure, HIV diagnosed at age 13 years or older		
					08- Adult with other confirmed risk		
					09- Adult with no identified risk (NIR)		
					10- Adult with no reported risk (NRR)		
					11- Child received clotting factor		
					12- Perinatal exposure		
					13- Child received transf/transplant		
					18- Child with other confirmed risk		
					19- Child with no indentified risk (NIR)		
					20- Child with no reported risk (NRR)		
					99- Risk factors selected with no age at diagnosis		
236	transx_categ	transx_categ	Expanded transmission category	This calculated variable represents an expanded list of HIV exposures, based on risk behaviors, grouped by adult and pediatric dependent on the patient's age at diagnosis of HIV.	See Section 3.10	$TRX_CAT	modex
163	antigen_first_pos_dt	antigen_first_pos_dt	First positive HIV antigen test result date	The first positive HIV antigen test result date; the earliest of all HIV-1 p24 Antigen tests entered for the patient		YYYYMMDD	N/A
216	hiv_dx_dt	hiv_dx_dt	Date of first positive HIV test result or doctor diagnosis of HIV	The date of the diagnosis (first positive HIV test result or doctor diagnosis) of HIV infection		YYYYMMDD	hivpmoyr
220	hiv_rep_dt	hiv_rep_dt	Date reported as HIV positive	The date the case was reported to the health department as HIV positive; based on the eHARS system date when the HIV case definition category for the person/case (in Person View) changed to HIV Definitive (adult and pediatric cases) or Presumptive (pediatric cases only). Legacy HARS cases maintain their HIV report date (hposdate).		YYYYMMDD	hposdate

225	receive_dt	receive_dt	Earliest date the first document was received at the health department	Earliest date the first document was received at the health department; among all documents entered for a person, the earliest of either the date the document was entered in eHARS (document.entered_dt; assigned by the system) OR the date the document was received at the health department (document.receive_dt; entered by a user)			N/A
185	class	class	HIV class	The HIV classification variable, based on the algorithm in HARS	A1- Asymptomatic (HIV, stage 1), CD4 count > 500 or percent > 29%	$CLASS	class
				For a description of the algorithm used to calculate class, refer to sections 8 and 18 of the eHARS Technical Reference Guide.	A2- Asymptomatic (HIV, stage 2), CD4 count 200-499 or percent 14-28%		
					A3- Asymptomatic (HIV, stage 3), CD4 count < 200 or percent < 14%		
					A9- Asymptomatic, unknown CD4		
					B1- Symptomatic (HIV, stage 3), CD4 count > 500 or percent > 29%		
					B2- Symptomatic (HIV, stage 3), CD4 count 200-499 or percent 14-28%		
					B3- Symptomatic (HIV, stage 3), CD4 count < 200 or percent < 14%		
					B9- Symptomatic (HIV, stage 3), unknown CD4		
					C1- AIDS (HIV, stage 3), CD4 count > 500 or percent > 29%		
					C2- AIDS (HIV, stage 3), CD4 count 200-499 or percent 14-28%		
					C3- AIDS (HIV, stage 3), CD4 count < 200 or percent < 14%		
					C9- AIDS (HIV, stage 3), unknown CD4		
					X1- Unknown clinical category, CD4 count > 500 or percent > 29%		

					X2- Unknown clinical category, CD4 count 200-499 or percent 14-28%		
					X3- Unknown clinical category, CD4 count < 200 or percent < 14%		
					X9- Unknown clinical category, unknown CD4		
153	aids_categ	aids_categ	AIDS case definition category	The CDC case definition for AIDS (HIV, stage 3) met by the patient; calculated based on lab information and opportunistic diseases entered for a person.	7 - AIDS (HIV, stage 3) case defined by immunologic (CD4 count or percent) criteria	$A_CAT	categ
				For a description of the algorithm used to calculate aids_categ, refer to section 8 of the eHARS Technical Reference Guide.	A- AIDS (HIV, stage 3) case defined by clinical disease (OI) criteria		
					9- Not an AIDS (HIV, stage 3) case		
156	aids_cdc	aids_cdc	CDC case definition for AIDS	Has this person met the CDC AIDS (HIV, stage 3) case definition?	Y- Yes	$YN	N/A
				To meet the CDC AIDS (HIV, stage 3) case definition, the case must be defined by immunologic criteria or clinical disease criteria (aids_categ = A or 7).	N – No		
157	aids_cdc_elig	aids_cdc_elig	CDC eligibility for AIDS	If this person is an AIDS (HIV, stage 3) case, does this person/case meet CDC eligibility criteria?	Y- Yes	$YN	N/A
				To meet the CDC eligibility criteria for AIDS (HIV, stage 3), the case must be defined as AIDS by immunologic criteria or clinical disease criteria (i.e., aids_categ = A or 7) and have a person view status of either Active or Warning (status_flag = A or W).	N – No		
158	aids_dx_dt	aids_dx_dt	Date of first AIDS classifying condition	The date of the first condition classifying as AIDS, based on the 1993 CDC AIDS case definition		YYYYMMDD	dxmoyr

159	aids_dxx_dt	aids_dxx_dt	Date of first AIDS classifying condition, applicable AIDS case definition	The date of the first condition classifying as AIDS, based on the applicable case definition. If the date is before 1993, eHARS returns the date of first OI diagnosis based on the pre-1993 expanded AIDS case definition (aids_oix_dt); otherwise, eHARS returns the date of the first AIDS classifying condition based on the current AIDS case definition (aids_dx_dt).		YYYYMMDD	dxx_moyr
164	cd4_first_14_dt	cd4_first_14_dt	Date of first CD4 percent < 14	The date of the first CD4 percent that was less than 14		YYYYMMDD	N/A
165	cd4_first_14_value	cd4_first_14_value	Value of first CD4 percent < 14	The value of the first CD4 percent that was less than 14			N/A
166	cd4_first_200_14_dt	cd4_first_200_14_dt	Date of first CD4 count < 200 or percent < 14	The date of the first CD4 count < 200 or CD4 percent < 14		YYYYMMDD	N/A
167	cd4_first_200_dt	cd4_first_200_dt	Date of first CD4 count < 200	The date of the first CD4 count that was less than 200		YYYYMMDD	N/A
168	cd4_first_200_value	cd4_first_200_value	Value of first CD4 count < 200	The value of the first CD4 count that was less than 200			N/A
169	cd4_first_350_dt	cd4_first_350_dt	Date of first CD4 count < 350	The date of the first CD4 count that was less than 350		YYYYMMDD	N/A
170	cd4_first_350_value	cd4_first_350_value	Value of first CD4 count < 350	The value of the first CD4 count that was less than 350			N/A
171	cd4_first_hiv_dt	cd4_first_hiv_dt	Date of first CD4 test after HIV diagnosis	The date of the first CD4 test after HIV diagnosis		YYYYMMDD	N/A
173	cd4_first_hiv_value	cd4_first_hiv_value	Value of first CD4 test after HIV diagnosis	The value of the first CD4 test after HIV diagnosis			N/A
172	cd4_first_hiv_type	cd4_first_hiv_type	Type of first CD4 test after HIV diagnosis (count or percent)	The type of CD4 test after HIV diagnosis (count or percent)			N/A
174	cd4_low_cnt_dt	cd4_low_cnt_dt	Date of lowest CD4 count	The date of the lowest CD4 count test result value		YYYYMMDD	N/A
175	cd4_low_cnt_value	cd4_low_cnt_value	Value of lowest CD4 count	The lowest CD4 count test result value			N/A
176	cd4_low_pct_dt	cd4_low_pct_dt	Date of lowest CD4 percent	The date of the lowest CD4 percent test result value.		YYYYMMDD	N/A
177	cd4_low_pct_value	cd4_low_pct_value	Value of lowest CD4 percent	The lowest CD4 percent test result value.			N/A

178	cd4_recent_cnt_dt	cd4_recent_cnt_dt	Date of most recent CD4 count	The date of the most recent CD4 count.		YYYYMMDD	N/A
180	cd4_recent_cnt_value	cd4_recent_cnt_value	Value of most recent CD4 count	The value of the most recent CD4 count.			N/A
179	cd4_recent_cnt_pct_dt	cd4_recent_cnt_pct_dt	Date of most recent CD4 test (count or percent)	The date of the most recent CD4 test result (count or percent).		YYYYMMDD	N/A
181	cd4_recent_pct_dt	cd4_recent_pct_dt	Date of most recent CD4 percent	The date of the most recent CD4 percent.		YYYYMMDD	N/A
182	cd4_recent_pct_value	cd4_recent_pct_value	Value of most recent CD4 percent	The value of the most recent CD4 percent.			N/A
183	cd4_vl_first_hiv_dt	cd4_vl_first_hiv_dt	Date of first CD4 or viral load test after HIV diagnosis	The date of the first CD4 or viral load test after HIV diagnosis		YYYYMMDD	N/A
184	cd4_vl_first_hiv_type	cd4_vl_first_hiv_type	Type of first test after HIV diagnosis (CD4 or viral load)	The type of the first test (CD4 or viral load test) on or after HIV diagnosis	1- CD4	$CD4_VL	N/A
					2- Viral Load		
232	test_recent_dt	test_recent_dt	Date of most recent test result	The date of the most recent test result (CD4 or viral load)		YYYYMMDD	N/A
233	test_recent_type	test_recent_type	Most recent test type	Most recent test type	1- CD4 2- Viral load	$CD4_VL	N/A
234	test_recent_value	test_recent_value	Most recent test result value	Most recent test result value; for viral load tests, displays copies/ml value; if there are CD4 count and percent results from the same day, displays the CD4 count value	POS- Positive NEG- Negative IND- Indeterminate	$PNI	N/A
239	vl_last_non_det_dt	vl_last_non_det_dt	Date of last non-detectable viral load test result	The date of the last non-detectable viral load test		YYYYMMDD	N/A
240	vl_recent_dt	vl_recent_dt	Date of most recent viral load test result	The date of the most recent viral load test		YYYYMMDD	N/A
241	vl_recent_value	vl_recent_value	Most recent viral load test result value (copies/ml)	The most recent viral load test result (copies/ml)			N/A
194	death_age_mos	death_age_mos	Age at death (months)	The calculated age, in months, of the patient at the time of death			N/A
195	death_age_yrs	death_age_yrs	Age at death (years)	The calculated age, in years, of the patient at the time of death			N/A
196	death_rep_dt	death_rep_dt	Date death reported	The date on which the vital status of the case is changed to dead (vital_status = 2) in eHARS		YYYYMMDD	deathrep
251	dod	dod	Date of death	The date the patient died		YYYYMMDD	death ndi_date
274	vital_status	vital_status	Vital status	The vital status of the patient	1- Alive 2- Dead	$VIT_STS	stat

					9- Unknown		
Following variables added for 2013 cycle							
253	**aids_age_mos_entered**	**aids_age_mos_entered**	**Entered age at AIDS diagnosis (months)**	**The entered age at AIDS diagnosis, in months; the system does not validate this field; therefore, an incorrect age at diagnosis could potentially be entered.**			**age_mos**
254	**aids_age_yrs_entered**	**aids_age_yrs_entered**	**Entered age at AIDS diagnosis (years)**	**The entered age at AIDS (HIV, stage 3) diagnosis, in years; the system does not validate this field; therefore, an incorrect age at diagnosis could be entered.**			**age_yrs**
162	**aids_rep_dt**	**aids_rep_dt**	**Date reported as AIDS (HIV, stage 3)**	**The date reported to the health department as AIDS (HIV, stage 3)**		**YYYYMMDD**	**N/A**
598	**c_bldprd_legacy**	**c_bldprd_legacy**	**Child received clotting factor (LEGACY)**	**For a pediatric case: Did the child receive clotting factor? (Legacy variable from HARS)**	**Y- Yes** **N- No** **U- Unknown** **2- CDC Confirmed (applies to COPHI cases only)**	**$YNUCDC**	**bldprd**
588	**c_clotting_factor**	**c_clotting_factor**	**Child received clotting factor**	**For a pediatric case: The child had received clotting factor for hemophilia/coagulation disorder. This is collected in eHARS, not HARS. In eHARS, this is considered a COPHI risk factor.**	**Y- Yes** **N- No** **U- Unknown** **2- CDC Confirmed (applies to COPHI cases only)**	**$YNUCDC**	**N/A**
587	**c_idu**	**c_idu**	**Child IDU**	**For a pediatric case: Had the child injected nonprescription drugs?**	**Y- Yes** **N- No** **U- Unknown** **2- CDC Confirmed (applies to COPHI cases only)**	**$YNUCDC**	**iv**
597	**c_nir**	**c_nir**	**Child no identified risk factor (NIR)**	**For a pediatric case: Did the child have no identified risk factors?**	**Y- Yes**	**$YNUCDC**	**N/A**

					N- No U- Unknown 2- CDC Confirmed (applies to COPHI cases only)		
596	c_oth_risk	c_oth_risk	Child other documented risk	For a pediatric case: Before the diagnosis of HIV infection, did this patient have any risk behavior other than those specified by the other risk behavior questions? (Refer to p. 7-15 of eHARS Technical Reference Guide for a list of pediatric risk factors.)	Y- Yes N- No U- Unknown 2- CDC Confirmed (applies to COPHI cases only)	$YNUCDC	oth_risk
595	c_sex_female	c_sex_female	Child sexual contact with female	For a pediatric case: The child had sexual relations with a female.	Y- Yes N- No U- Unknown 2- CDC Confirmed (applies to COPHI cases only)	$YNUCDC	sex_fmle
594	c_sex_male	c_sex_male	Child sexual contact with male	For a pediatric case: The child had sexual relations with male.	Y- Yes N- No U- Unknown 2- CDC Confirmed (applies to COPHI cases only)	$YNUCDC	sex_male
590	c_transfusion	c_transfusion	Child received transfusion	For a pediatric case: The child had received transfusion of blood/blood components other than clotting factor.	Y- Yes N- No U- Unknown 2- CDC Confirmed (applies to COPHI cases only)	$YNUCDC	transfus
593	c_transplant	c_transplant	Child received transplant	For a pediatric case: The child had received transplant of tissue/organs.	Y- Yes N- No U- Unknown	$YNUCDC	tranplnt

					2- CDC Confirmed (applies to COPHI cases only)		
480	enter_dt	enter_dt	Date first document entered into system	Date on which the first document was entered into the system		YYYYMMDD	entered
266	hiv_age_mos _entered	hiv_age_mos _entered	Entered age at HIV diagnosis (months)	The entered age at HIV diagnosis, in months; this is not validated by the system, meaning an incorrect age at diagnosis could potentially be entered.			hage_mos
267	hiv_age_yrs_ entered	hiv_age_yrs_ entered	Entered age at HIV diagnosis (years)	The entered age at HIV diagnosis, in years; this is not validated by the system, meaning an incorrect age at diagnosis could be entered.			hage_yrs
207	hiv_aids_age _mos	hiv_aids_age _mos	Age at HIV disease diagnosis (months)	Age at HIV disease diagnosis, in months; the algorithm takes the earlier of the two ages (calculated age at diagnosis of HIV [Stage 1, 2, or unknown] or AIDS [HIV, stage 3]).			N/A
208	hiv_aids_age _yrs	hiv_aids_age _yrs	Age at HIV disease diagnosis (years)	Age at HIV disease diagnosis, in years. The algorithm takes the earlier of the two ages (calculated age at diagnosis of HIV [stage 1, 2, or unknown] or AIDS [HIV, stage 3]).			N/A
211	hiv_aids_dx_ dt	hiv_aids_dx_ dt	HIV disease diagnosis date	The date the patient was diagnosed with HIV disease		YYYYMMDD	N/A
213	hiv_categ	hiv_categ	HIV case definition category	Calculates the CDC HIV case definition met by the patient, based on the guidelines that became effective January 1, 2000; HARS legacy cases remain included; the value for hiv_categ can change based on updated information. For additional information, refer to section 8 of the eHARS Technical Reference Guide.	1- HIV positive definitive 2- HIV positive presumptive (children <18 mos of age at diagnosis) 3- HIV indeterminate (children <18 mos of age at diagnosis)	$H_CAT	hcateg

					4- HIV negative, definitive (children <18 mos of age at diagnosis) 5- HIV negative, presumptive (children <18 mos of age at diagnosis) 8- Pending confirmation 9- Unknown		
577	m_hiv_perinatal	m_hiv_perinatal	Mother perinatally acquired HIV infection	For a pediatric case: The mother had perinatally acquired HIV infection.	Y- Yes N- No U- Unknown 2 - CDC confirmed	$YNUCDC	N/A
576	m_hiv_status	m_hiv_status	Mother's infection status	For a pediatric case: This field provides the HIV status category (the maternal infection status) of the child's biologic mother.	1- Refused HIV testing 2- Known UNINFECTED after birth 3- Know HIV+ before pregnancy 4- Know HIV+ during pregnancy 5- Known HIV+ at time of delivery 6- Known HIV+ sometime before birth 7- Known HIV+ sometime after birth 8- HIV+ with time unknown 9- Unknown	$INF_STS	mhivstat
578	m_idu	m_idu	Mother IDU	For a pediatric case: After 1977 and before the child's birth, did the mother inject non-prescription drugs?	Y- Yes N- No U- Unknown 2 - CDC confirmed	$YNUCDC	m_ivda
580	m_sex_bisexual_male	m_sex_bisexual_male	Mother heterosexual contact with bisexual male	For a pediatric case: After 1977 and before the child's birth, did the mother have heterosexual relations with a bisexual male?	Y- Yes N- No	$YNUCDC	m_sexhbi

					U- Unknown 2 - CDC confirmed		
581	m_sex_hemo	m_sex_hemo	Mother heterosexual contact with male with hemophilia	For a pediatric case: After 1977 and before the child's birth, did the mother have heterosexual relations with a male with hemophilia/coagulation disorder?	Y- Yes N- No U- Unknown 2 - CDC confirmed	$YNUCDC	m_sexhem
584	m_sex_hiv	m_sex_hiv	Mother had heterosexual contact with male with HIV infection	For a pediatric case: After 1977 and before the child's birth, did the mother have heterosexual relations with a male diagnosed with HIV disease, risk not specified?	Y- Yes N- No U- Unknown 2 - CDC confirmed	$YNUCDC	m_sexhiv
579	m_sex_idu	m_sex_idu	Mother heterosexual contact with IDU	For a pediatric case: After 1977 and before the child's birth, did the mother have heterosexual relations with an intravenous/injecting drug user?	Y- Yes N- No U- Unknown 2 - CDC confirmed	$YNUCDC	m_sexiv
582	m_sex_transfusion	m_sex_transfusion	Mother had heterosexual contact with transfusion recipient with HIV infection	For a pediatric case: After 1977 and before the child's birth, did the mother have heterosexual relations with a transfusion recipient with documented HIV infection?	Y- Yes N- No U- Unknown 2 - CDC confirmed	$YNUCDC	m_sextrn
583	m_sex_transplant	m_sex_transplant	Mother had heterosexual contact with transplant recipient with HIV infection	For a pediatric case: After 1977 and before the child's birth, did the mother have heterosexual relations with a transplant recipient with documented HIV infection?	Y- Yes	$YNUCDC	m_sextpl

					N- No U- Unknown 2 - CDC confirmed		
585	m_transfusion	m_transfusion	Mother received transfusion	For a pediatric case: After 1977 and before the child's birth, did the mother receive a transfusion of blood/blood components (other than clotting factor)?	Y- Yes N- No U- Unknown 2 - CDC confirmed	$YNUCDC	m_trans
586	m_transplant	m_transplant	Mother received transplant or artificial insemination	For a pediatric case: After 1977 and before the child's birth, did the mother receive a transplant of tissue/organs or artificial insemination?	Y- Yes N- No U- Unknown 2 - CDC confirmed	$YNUCDC	m_trnplt
573	nir	nir	Adult no identified risk factor (NIR)	Does the adult case have identified risk factors? (NIR)	Y- Yes N- No U- Unknown 2- CDC confirmed	$YNUCDC	N/A
572	oth_risk	oth_risk	Adult other documented risk	For an adult case: Before the diagnosis of HIV, did this patient have any risk behavior other than those specified by the other risk behavior questions?	Y- Yes N- No U- Unknown 2- CDC Confirmed	$YNUCDC	oth_risk
500	report_state_cd	report_state_cd	Reporting state	Reporting state	See Section 3.5	$STATE	rep_st
505	status_flag	status_flag	Person View status	Person view status Active = Active case; data will be transferred to CDC if case is CDC eligible.	A- Active D- Deleted E- Error	$PV_STS	status

				Deleted = The Person View and all documents pertaining to this person have been marked for deletion. **Error = Critical edit checks have failed. The Person View and all related documents will not be used in the national dataset and/or for national reporting purposes.** **Moved = All documents for this person have been moved/merged to another person.** **Purged = Case has been deleted, acknowledged by CDC, and can be purged from database.** **Required field missing = Fields that are needed to determine CDC case eligibility are missing. (For more information on required fields, refer to section 3 of the eHARS Technical Reference Guide.)** **Warning = Non-critical edit checks have failed, but case's data will be transferred to CDC.**	**M- Moved** **P- Purged** **R- Required field missing** **W- Warning**		

Appendix M

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REQUEST for Project Determination & Approval - NCHHSTP ADS/ADLS OFFICE

This form should be used to submit proposals to the NCHHSTP ADS/ADLS Office for determination that have not begun and do not require routing to the CDC Human Research Protection Office at this time. Projects eligible for this classification are (1) non-research activities; (2) research that does not involve identifiable human subjects; (3) human subject research in which CDC is not "engaged".

Project Title:
Medical Monitoring Project (MMP)

Project Location/Country(ies): 23 U.S. sites (see #3 for list of cities/states)

Project Officer(s): Jacek Skarbinski | Division: DHAP | Telephone: 404-639-8235

Proposed Project Dates: Start: 6/1/2013 | End: 5/31/2015 | Laboratory Branch Submission: ☐

Please check appropriate category and subcategory:

☒ **I. Activity is not human subjects research.** Primary intent is public health practice or a disease control activity.

- ☐ **A.** Epidemic or endemic disease control activity; collected data directly relate to disease control (e.g. Epi-AIDs; provide Epi-AID number & documentation of request for assistance, if division policy). Epi-AID #
- ☒ **B.** Routine disease surveillance activity; data used for disease control program or policy purposes.
- ☐ **C.** Program evaluation activity; data are used primarily for that purpose.
- ☐ **D.** Post-marketing surveillance of effectiveness or adverse effects of a new regimen, drug, vaccine, or device.
- ☐ **E.** Laboratory proficiency testing.

☐ **II. Activity is not human subjects research.** Primary intent is public health program activities.

- ☐ **A.** Public health program activity (e.g., service delivery; health education programs; social marketing campaigns; program monitoring; electronic database construction and/or support; development of patient registries; needs assessments; and demonstration projects intended to assess organizational needs, management, and human resource requirements for implementation).
- ☐ **B.** Activity is purely administrative (e.g., purchase orders or contracts for services or equipment).

☐ **III. Activity is research but does NOT involve identifiable human subjects.**

- ☐ **A.** Activity is research involving collection or analysis of data about health facilities or other organizations or units which are not individual persons.
- ☐ **B.** Activity is research involving data or specimens from deceased persons.
- ☐ **C.** Activity is research using unlinked or anonymous data or specimens: **ALL** (1-4) of the following are required:
  - ☐ 1. No contact with human subjects is involved for the proposed activity...**and**...
  - ☐ 2. Data or specimens are/were collected for another purpose...**and**...
  - ☐ 3. No extra data/specimens are/were collected for this purpose...**and**...
  - ☐ 4. Identifying information was: (one of these must be checked)
    - ☐ a. not obtained
    - ☐ b. removed prior to this submission, or prior to CDC receipt, so that data cannot be linked or re-linked with identifiable human subjects
    - ☐ c. protected through an agreement. (*CDC investigators and the holder of the key linking the data to identifiable human subjects enter into an agreement prohibiting the release of the key to the investigators under any circumstances. A copy of the agreement must be attached).

☐ **IV. Activity is research involving human subjects but CDC involvement does not constitute "engagement in human subject research".** **Select only one option below: 'A' indicates the project is funded, 'B' or 'C' indicate there is no current funding**

- ☐ **A.** This project is funded under a grant/cooperative agreement/contract award mechanism.
  ALL of the following 3 elements are required:
  - ☐ 1. CDC employees or agents will not intervene or interact with living individuals for research purposes.
  - ☐ 2. CDC employees or agents will not obtain individually identifiable private information.
  - ☐ 3. Supported institution must have a Federalwide Assurance (FWA) and project must be reviewed by a registered IRB linked to the supported institution's FWA.

    Supported Institution/Entity Name:
    Supported Institution/Entity FWA # | FWA Expiration Date (mm/dd/yyyy):
    Expiration Date of IRB approval: | *Attach copy of the IRB approval letter.
- ☐ **B.** CDC staff provide technical support that does not involve possession or analysis of identifiable data or interaction with participants from whom data are being collected (No current CDC funding).
- ☐ **C.** CDC staff are involved only in manuscript writing for a project that has closed. For the project, CDC staff did not interact with participants and were not involved with data collection (No current CDC funding).

Approval Initials & printed name: Glenn Bartoli ACS for Branch Chief 4/26/13 Date

ADS/ADLS or Division Director for ADS office 4/26/2013 Date

Division Notes/Comments:

Project Title: Medical Monitoring Project

NCHHSTP ADS/ADLS Review **Date received in NCHHSTP ADS /ADLS office:** 4/29/2013

☒ **Concur, project does not require human subject research review beyond NCHHSTP at this time**

☐ **Project constitutes human subject research that must be routed to CDC HRPO**

Comments/Rationale for Determination:

Changes to the Questionnaire, approved

Signed: Salaam Semaan, MPH, DrPH April 30, 2013

Name Date

Associate (or Acting or Deputy Associate) Director for Science, NCHHSTP

OR

Associate Director for Laboratory Science, NCHHSTP

National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention