



# CDC- Funded HIV Testing

United States,  
Puerto Rico, &  
U.S. Virgin Islands  
2013

National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention  
Division of HIV/AIDS Prevention



## Acknowledgments

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Publication of this report would not have been possible without the hard work and dedication of state, territorial, and local health departments that collected and submitted the HIV testing data. We also acknowledge the contributions of Janet Heitgerd and Dale Stratford of the Program Evaluation Branch; John Gerstle and Faith Henderson of the Quantitative Sciences and Data Management Branch; Nicoline Collins, Nadia Ennis, Takiyyah Hamilton, and Lisa JeanCharles of Northrop Grumman Corporation; Alison Newell of ICF International; Earnestine Dooley of CACI International, Inc; and the Prevention Program Branch for their contribution toward monitoring and strengthening HIV prevention efforts in health departments and community-based organizations.

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Suggested citation: Centers for Disease Control and Prevention. *CDC-Funded HIV Testing: United, States, Puerto Rico and the U.S. Virgin Islands, 2013*.

<http://www.cdc.gov/hiv/library/reports/index.html>. Published [ Month Year]. Accessed [Date].

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## Introduction

The Centers for Disease Control and Prevention (CDC) receives, analyzes, and disseminates data on CDC-funded HIV testing, linkage to HIV medical care, and HIV prevention services. Test-level data are reported by CDC grantees through the National HIV Prevention Program Monitoring and Evaluation (NHM&E) system. These data are used to describe the demographics of persons tested and other programmatic activities that are funded by CDC, including linkage to HIV medical care, partner services, and HIV prevention services. The report on CDC-Funded HIV Testing: United States, Puerto Rico & U.S. Virgin Islands, 2013 (hereafter: 2013 annual HIV testing report) summarizes the test event-level NHM&E data for CDC-funded testing events in the United States and dependent areas (Puerto Rico and U.S. Virgin Islands).

This report includes HIV testing data from 61 CDC-funded health department jurisdictions and 151 directly funded community-based organizations (CBOs). It would not be possible without the collaboration, dedication and hard work of grantees from all state, territorial and local health departments and CBOs. The Testing Monitoring and Evaluation Team (TMET) in the Division of HIV/AIDS Prevention's (DHAP) Program Evaluation Branch (PEB) reviewed the completeness and quality of the HIV testing data submitted by grantees to determine data for inclusion in this report. CDC staff worked with all health department grantees and project officers to ensure that their jurisdiction's HIV testing data were as complete as possible and of high quality. Test-level data are reported from all 61 health department jurisdictions.<sup>1</sup>

NHM&E HIV testing data are used in conjunction with other information (e.g., progress reports, surveillance data, and census data) by HIV program managers and policy makers, HIV testing service providers, CDC project officers, evaluators, researchers, and others interested in the public health implications of HIV prevention program activities. These data can be used to learn from our work, inform programmatic activities, and document the progress of programs toward local, state and national HIV prevention goals. DHAP's NHM&E HIV testing data are used at the national and local levels for informing HIV prevention policy, program decision making, program monitoring, evaluation activities, research, presentations, and reports.

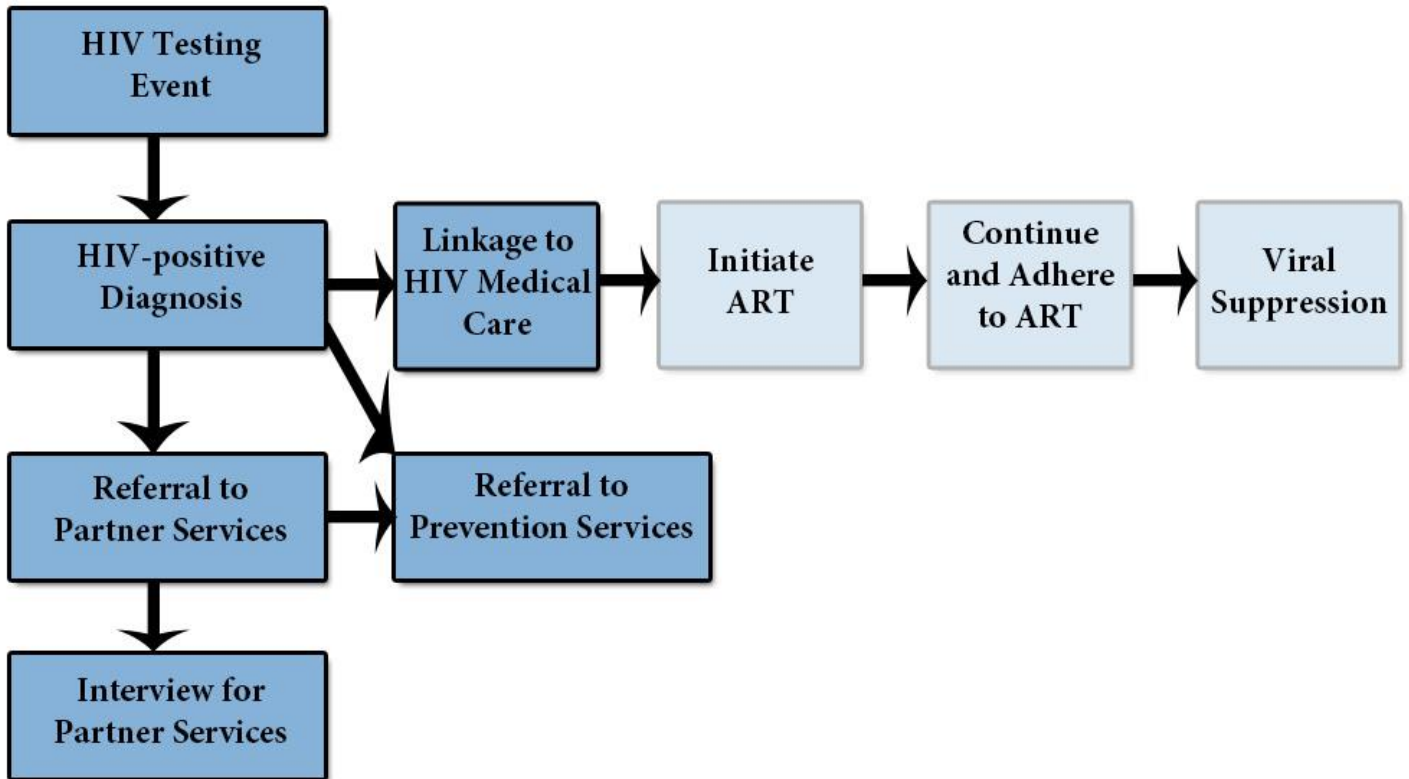
This report includes data submitted to CDC for HIV testing funded by the following six program announcements: [PS 12-1201](#) funded all 61 health department (HD) jurisdictions for HIV prevention programs (category A), 34 HD jurisdictions for expanded HIV testing services for disproportionately affected populations (category B) and 30 HD jurisdictions for demonstration projects to implement and evaluate innovative, high-impact HIV prevention interventions and strategies (category C); [PS11-1117](#) funded 12 HD jurisdictions with the highest number of people living with AIDS for enhanced HIV prevention planning (ECHPP); [PS12-1210](#) funded 8 HD jurisdictions to conduct HIV testing and continuum of care services among racial and ethnic minorities (CAPUS); [PS 08-0803](#) directly funded CBOs in Puerto Rico and the U.S. Virgin Islands to provide HIV testing services; [PS 10-1003](#) directly funded CBOs for HIV prevention interventions; and [PS 11-1113](#) directly funded CBOs to implement HIV prevention projects for young gay, bisexual, and other men who have sex with men (collectively referred to as MSM) of color and young transgender persons of color in CBOs.

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<sup>1</sup> Aggregate data are presented for San Francisco in Table 1 and test-level data are presented in the remaining tables of the 2013 annual HIV testing report.

## HIV Testing and Care Continuum

The 2013 annual HIV testing report presents data on the HIV testing and care continuum. The HIV Care Continuum begins with an HIV test and the identification of an HIV-positive person, followed by linkage to important HIV prevention and treatment services. This report presents data specifically on the HIV testing domains portrayed in the darker shade below.



## Report Content and Organization

The content of this report addresses the first three goals of the [National HIV/AIDS Strategy \(NHAS\)](#) and the [DHAP Strategic Plan](#), specifically:

- Reduce the number of persons who become HIV infected
- Increase access to care and improve health outcomes for persons living with HIV
- Reduce HIV-related health disparities

The report also informs national HIV testing monitoring and evaluation questions for CDC-funded HIV testing programs in 2013, including data presented by jurisdiction and by demographic characteristics. Examples of these monitoring and evaluation questions include:

- How many CDC-funded testing events were conducted in the United States?
- How many persons were HIV-positive?
- How many persons were newly identified HIV-positive?
- What percentage of newly identified HIV-positive persons were linked to HIV medical care?
- What percentage of newly identified HIV-positive persons were referred to and interviewed for partner services?
- What percentage of newly identified HIV-positive persons were referred to HIV prevention services?

This report contains 4 figures and 16 tables, which include the following:

- CDC-funded HIV testing events and the continuum of HIV testing and care activities among newly identified HIV-positive persons
- HIV positivity, including total number of HIV-positive persons, persons previously diagnosed HIV-positive, and newly identified HIV-positive persons
- Continuum of HIV testing and care activities among newly identified HIV-positive persons, including data presented by test setting and target populations

### Missing/Invalid Data

Missing/invalid data are important to consider when monitoring and evaluating programs. The **minimum percentage** is calculated by including missing/invalid data in the denominator, an approach which underestimates performance. The **maximum percentage** is calculated by excluding missing invalid/data from the denominator, which overestimates performance. In addition to providing the minimum and maximum percentages for HIV testing indicators, the percentages for missing/invalid data are presented.

Data presented include CDC-funded HIV testing events conducted in 2013 in 61 health department jurisdictions in the United States, Puerto Rico, and the U.S. Virgin Islands that were submitted to CDC as of June 2, 2014.<sup>2</sup> To provide the most complete estimate of CDC-funded testing events in 2013, Table 1 presents both test-level (60 health department

<sup>2</sup> Data from testing events conducted in 2013 that continued to be submitted through June 2, 2014.



jurisdictions) and aggregate (1 health department jurisdiction – San Francisco) data. All other tables display only test-level data (i.e., data for individual test records) and exclude aggregate data.<sup>3</sup> Results are summarized in text, figures, and tables. Readers are encouraged to review all technical notes, table titles and footnotes carefully to assist with interpretation and ensure a complete understanding of the data presented.

## Highlights of the 2013 Report

### HIV Testing Events

- Approximately 3.4 million CDC-funded HIV testing events were conducted in the 61 health department jurisdictions in the United States, Puerto Rico, and the U.S. Virgin Islands (Table 1).
- Of the approximately 3.4 million CDC-funded HIV testing events with test-level data, 2,298,949 (68.8%) were conducted in health care and correctional facilities and 977,645 (29.2%) were conducted in non-health care facilities (Table 2).

### HIV-Positive Testing Events

- 29,003 (0.9%) HIV-positive testing events were conducted in the 61 health department jurisdictions in the United States, Puerto Rico and the U.S. Virgin Islands (Table 1).<sup>4</sup>
- 8,561 (0.3%) of these testing events were among those who were previously diagnosed as HIV-positive (Table 3).

### Newly Identified HIV-Positive persons<sup>5</sup>

- 17,426 (0.5%) persons were newly identified HIV-positive (Table 4).
- 14,465 (0.4%) persons were newly identified confirmed HIV-positive (Table 1).

### HIV Testing and Care Continuum among Newly Identified HIV-Positive Persons<sup>6</sup>

- 91.3%–97.0% received their HIV test results.
- 49.1%–86.5% were linked to HIV medical care within 90 days<sup>7</sup> (Table 4).
- 59.0%–77.5% were linked to HIV medical care within any timeframe<sup>8</sup> (Table 4).
- 69.0%–85.0% were referred to partner services (Table 5).
- 50.5%–73.6% were interviewed for partner services (Table 5).
- 56.4%–78.8% were referred to HIV prevention services (Table 5).

### Missing or Invalid Data

<sup>3</sup> Aggregate data were reported only for San Francisco in Table 1.

<sup>4</sup> Data to identify previous and newly identified positives is incomplete.

<sup>5</sup> Testing events cannot be reported at the person-level because one person may have received multiple testing events in a reporting year. However, in this report newly identified HIV-positive testing events are referred to as “persons,” as a newly identified HIV positive testing event should not occur more than once per person.

<sup>6</sup> Both percentages are presented to provide a better indication of how missing/invalid data impact monitoring of programs.

<sup>7</sup> The extent to which newly identified HIV-positive persons were linked to HIV medical care within 90 days after initial positive test.

<sup>8</sup> The extent to which newly identified HIV-positive persons were linked to HIV medical care within any timeframe including but not limited to linkage within 90 days of initial positive test.

- 6.0% for receipt of HIV test results.
- 43.2% for linkage to HIV medical care within 90 days (Table 4).
- 23.8% for linkage to HIV medical care within any timeframe (Table 4).
- 18.8% for referral to partner services (Table 5).
- 31.4% for interviewed for partner services (Table 5).
- 28.4% for referral to HIV prevention services (Table 5).

### **Programmatic Impact**

- Referral to partner and HIV prevention services increased in 2013. However, the percentage of newly identified HIV-positive persons linked to HIV medical care remained below the NHAS and DHAP Strategic Plan objective of 85%. There is need for continued improvement on HIV service delivery for HIV-positive persons.
- Missing/invalid data across the HIV testing and continuum-of-care indicators decreased. Specifically, there was a lower percentage of missing data for receipt of HIV test results (6.0% in 2013 vs. 7.0% in 2012), linkage to HIV medical care within 90 days (43.2% in 2013 vs. 56.0% in 2012) and interview for partner services (31.4% in 2013 vs. 44.0% in 2012).
- Continued improvement in data completeness is needed, particularly for linkage to medical care (i.e., linkage within 90 days and linkage within any timeframe), interview for partner services, and referral to HIV prevention services. High-quality and complete data strengthen the ability to monitor and improve CDC-funded HIV testing programs as measured by these important programmatic indicators.

## Results

In 2013, 3,352,513 CDC-funded HIV testing events were conducted in the 61 health department jurisdictions in the United States, Puerto Rico and U.S. Virgin Islands (Table 1).

More testing was conducted in health care and correctional facilities (2,298,949; 68.8%) than in non-health care facilities (977,645; 29.2%) (Table 2). More than half of all tests were conducted in the South (1,896,334; 56.7%). Fewer males (1,632,645; 48.8%) were tested than females (1,687,367; 50.5%), however males were much more likely to be newly identified HIV-positive (0.9%) than females (0.2%) (Table 6).

By age group, the largest proportion of testing was among persons aged 20–29 years (1,358,687; 40.6%), and the lowest was among persons younger than 13 years (5,537; 0.17%). By race/ethnicity, the largest proportion of testing was among blacks/African Americans (1,506,016; 45%), followed by whites (901,973; 27%) and Hispanics/Latinos (713,058; 21.3 %). Lastly, more than half (58.5%) of testing events used a rapid test (Table 6).

### HIV-Positive Testing Events

In 2013, 29,003 HIV-positive testing events were conducted, for a positivity percentage of 0.9%. Preliminary HIV-positive test results accounted for 4,481 (0.1%) of the total testing events, and confirmed HIV-positive test results accounted for 24,457 (0.7%) of the total testing events (Table 1).

### Previous HIV-Positive Testing Events

Previous HIV-positive testing events accounted for 0.3% (8,561) of the total testing events, and of those who had previously tested HIV-positive, 4.7% (401) reported that they were already in HIV medical care. Houston (1.2%), Atlanta (1.1%), and Texas (0.7%), were the health department jurisdictions that identified the largest proportion of previously diagnosed HIV-positive persons. Among previously diagnosed HIV-positive persons, 93.7%–97.5% received their HIV test results, 45.0%–87.1% were linked to HIV medical within 90 days after diagnosis, and 63.0%–83.2% were linked to HIV medical care within any timeframe (Table 3).

### Newly Identified HIV-Positive Persons

Among 2013 HIV testing events, 17,426 (0.5%) were newly identified HIV-positive (Table 4), of which 14,465 (83.0%) were confirmed through a valid confirmatory lab test result (Table 1). The remaining sections of the report present data only for newly identified HIV-positive persons, including both preliminary and confirmed HIV-positive persons.

Groups with newly identified HIV positivity percentages greater than the national average of 0.5% were: males (0.9%), persons aged 40–49 years (0.7%), multi-racial persons (1.0%) and black/African American persons (0.6%).

By geographic region, the highest percentages of HIV positivity were in the U.S. dependent areas (0.8%) and the West (0.6%). By test setting, non-health care facilities (0.7%) had HIV positivity percentages greater than the national average, whereas health care facilities had a lower percentage (0.4%) (Table 6). By health department jurisdiction, newly identified HIV positivity was highest for Atlanta (1.7%), Mississippi (1.2%), Illinois (excluding Chicago) (1.1%), and Arkansas (1.0%) (Table 4). HIV positivity percentages for newly identified persons are displayed in Figure 1 by demographic characteristics.

## **HIV Testing and Care Continuum for Newly Identified HIV-Positive Persons**

### **Receipt of HIV Test Results**

Among all newly identified HIV-positive persons, 91.3%–97.0% received their HIV test results. By test setting, 88.5%–96.3% received their results in health care and correctional facilities, compared with 96.2%–98.0% in non-health care facilities.

### **Linkage to HIV Medical Care**

Because of the positive prevention and treatment benefits of early initiation of antiretroviral therapy, the objectives and programmatic priorities of NHAS and the DHAP Strategic Plan are to link all HIV-positive persons into HIV medical care within 90 days after diagnosis. A goal of NHAS is to have 85% of all newly diagnosed persons linked to medical care within 90 days of diagnosis by 2015. Based on a joint letter from Health Resources and Services Administration (HRSA) and CDC, all newly identified HIV-positive persons, including those who were preliminary and confirmed HIV-positive, should be linked to HIV medical care. Given continuing program and data quality challenges related to health departments ascertaining and documenting linkage to HIV medical care within 90 days, linkage data in this report are presented for both linkage to HIV medical care within 90 days and linkage within any timeframe (which includes but is not limited to linkage within 90 days).

Among newly identified HIV-positive persons, 49.1%–86.5% were linked to HIV medical care within 90 days after initial positive test (Table 4). Percentages for linkage to HIV medical care within 90 days varied when demographic characteristics and missing/invalid data were taken into account.

- Age: 49.1%–86.5% of persons aged 20–29 years and 50.5%–88.6% of persons aged 30–39 years were linked to HIV medical care within 90 days, and persons younger than 13 years were least likely to be linked (20.0%–62.5%) (Table 6).

- Gender: Maximum linkage rates within 90 days were similar among males (49.7%–86.5%) and females (46.5%–86.5%) (Table 6).
- Test setting: Rates of linkage within 90 days were 51.4%–86.1% among persons tested in health care and correctional facilities and 47.3%–87.3% among persons tested in non-health care facilities (Tables 6, 8, 10).
- Race/ethnicity: Hispanics/Latinos (58.8%–92.4%) were linked within 90 days more than whites (51.5%–90.2%) and blacks/African Americans (44.5%–82.5%) (Table 6).
- U.S. geographic region: Persons in the U.S. dependent areas (82.6%–97.5%) were linked within 90 days more than persons in other regions, and those in the South were least likely to be linked (42.9%–83.9%) (Table 6).

Among newly identified HIV-positive persons, 59.0%–77.5% were linked to HIV medical care within any timeframe (Table 4). Percentages for linkage to HIV medical care within any timeframe varied when demographic characteristics and missing/invalid data were taken into account.

- Age: Persons in age groups 20–29 (59.2%–78.0%) and 30–39 (60.5%–78.7%) were linked within any timeframe more than persons in other age groups. Persons younger than 13 years were least likely to be linked (32.0%–44.4%) (Table 6).
- Gender: Males (60.2%–77.8%) were linked within any timeframe more frequently than females (54.6%–76.4%) (Table 6).
- Test setting: Maximum rates of linkage within any timeframe were similar among persons tested in health care and correctional facilities (61.4%–77.5%) and persons tested in non-health care facilities (57.3%–77.7%) (Tables 6, 8, 10).
- Race/ethnicity: Hispanics/Latinos (71.1%–84.9%) were linked within any timeframe more than whites (62.7%–80.1%) and blacks/African Americans (53.5%–73.8%) (Table 6).
- U.S. geographic region: Persons in the U.S. dependent areas (83.2%–87.4%) were linked within any timeframe more than persons in other regions, and those in the South were least likely to be linked (54.9%–74.6%) (Table 6).

Missing/invalid data create challenges for determining true linkage percentages and addressing progress toward achieving the goal of 85% linkage. Continued improvement in data completeness and quality is needed for linkage and for all HIV testing indicators to determine whether CDC-funded HIV testing programs meet the NHAS goal.

## **Referral to Partner Services**

After receiving an HIV-positive test result, persons are referred to partner services. Some programs may have partner services available on-site, and others may refer clients to another

agency or clinic. Among all newly identified HIV-positive persons, 69.0%–85.0% were referred to partner services in 2013 (Table 5). Percentages for referral to partner services varied when demographic characteristics and missing/invalid data were taken into account.

- Age: 71.4%–86.9% of persons aged 20–29 years and 69.1%–86.3% of persons aged 30–39 years were referred to partner services, and persons younger than 13 years were least likely to be referred (48.0%–52.2%) (Table 7).
- Gender: Males (69.5%–85.2%) were referred to partner services more than females (66.4%–84.0%) (Table 7).
- Test setting: Maximum rates of referral to partner services were similar among persons tested in health care and correctional facilities (68.7%–85.5%) and persons tested in non-health care facilities (71.5%–84.6%) (Tables 7, 9, 11).
- Race/ethnicity: 73.8%–87.9% of Hispanics/Latinos, 72.5%–86.7% of whites, and 65.8%–83.7% of blacks/African Americans were referred to partner services (Table 7).
- U.S. geographic region: Persons in the U.S. dependent areas (88.9%–90.5%) were referred to partner services more than persons in the South (64.1%–85.1%) and in the Northeast (71.1%–80.1%) (Table 7).

## **Interview for Partner Services**

In addition to referral to partner services, it is necessary to monitor whether persons were interviewed for partner services so that essential HIV services (e.g., testing, referral, and linkage) can be provided to both the person and his/her partner(s), as needed.

Among all newly identified HIV-positive persons, 50.5%–73.6% were interviewed for partner services in 2013 (Table 5). Percentages for interviewed for partner services varied when demographic characteristics and missing/invalid data were taken into account.

- Age: 50.7%–75.3% of persons aged 20–29 years and 51.4%–74.8% of persons aged 30–39 years were interviewed for partner services, and persons younger than 13 years were least likely to be interviewed (32.0%–38.1%) (Table 7).
- Gender: 50.9%–73.6% of males and 49.0%–74.0% of females were interviewed for partner services (Table 7).
- Test setting: Persons tested in health care and correctional facilities (52.3%–74.6%) were interviewed for partner services more than persons tested in non-health care facilities (49.6%–72.5%) (Tables 7, 9, 11).
- Race/ethnicity: Hispanics/Latinos (60.1%–77.4%) were interviewed for partner services more than whites (52.4%–74.2%) and blacks/African Americans (46.4%–72.5%) (Table 7).

- U.S. geographic region: Persons in the U.S. dependent areas (79.3%–87.4%) were interviewed for partner services more than persons in other regions. Persons in the Northeast were least likely to be interviewed (53.3%–69.7%) (Table 7).

## Referral to HIV Prevention Services

After receiving an HIV-positive test result, persons should be referred to HIV prevention services. HIV prevention services include services intended to reduce the risk of transmitting or acquiring HIV infection (e.g. prevention counseling, evidence-based behavioral interventions, risk-reduction counseling). Among all newly identified HIV-positive persons, 56.4%–78.8% were referred to HIV prevention services in 2013 (Table 5). Percentages for referral to HIV prevention services varied when demographic characteristics and missing/invalid data were taken into account.

- Age: 58.4%–79.8% of persons aged 20–29 years and 55.3%–77.4% of persons aged 30–39 years were referred to HIV prevention services (Table 7).
- Gender: Males (57.5%–79.2%) were referred to HIV prevention services more than females (52.4%–77.3%) (Table 7).
- Test setting: Rates of referral to HIV prevention services were higher among persons tested in health care and correctional facilities (60.2%–80.1%) than among persons tested in non-health care facilities (52.4%–76.5%) (Tables 7, 9, 11).
- Race/ethnicity: 61.0%–77.9% Hispanics/Latinos, 58.3%–77.7% of whites and 53.6%–79.7% of black/African Americans were referred to HIV prevention services (Table 7).
- U.S. geographic region: Persons in the Northeast (74.6%–83.4%) and in the U.S. dependent areas (83.5%–85.8%) were referred to HIV prevention services more than persons in the Midwest (58.2%–81.6%) and in the South (48.7%–76.9%) (Table 7).

## Target Populations

Target population categories include: 1) MSM who report injection drug use, 2) MSM, 3) transgender persons who report injection drug use, 4) transgender persons, 5) injection drug use, 6) heterosexual males, and 7) heterosexual females. The process used to create these categories is described further in the 'Technical Notes' section.

These categories are mutually exclusive and were calculated on the basis of the person's gender and self-reported sexual behavior of the person.

Approximately 10% (346,717) of all CDC-funded testing events were conducted among MSM, transgender, and persons who report injection drug use (Table 6).

The data for the HIV testing and care continuum are presented below for select target populations from both health care and non-health care facilities, as target population data are required for all HIV positive persons. This is followed by more detailed information for MSM and heterosexual females tested in non-health care facilities.

**Data to classify persons into one of these categories are required to be collected for all test events conducted in non-health care facilities and are only required to be collected for HIV-positive persons in health care facilities.**

- Linkage to HIV medical care in 90 days: 60.7%–88.3% of MSM, 50.0%–86.2% of transgender persons, and 54.1%–86.8% of heterosexual females were linked in 90 days (Table 6).
- Linkage to HIV medical care within any timeframe: 66.4%–80.2% of MSM, 57.0%–75.0% of transgender persons, and 58.2%–78.0% of heterosexual females were linked within any timeframe (Table 6).
- Referral to partner services: 82.9%–89.3% of MSM, 71.0%–81.6% of transgender persons, and 76.6%–86.7% of heterosexual females were referred to partner services (Table 7).
- Interview for partner services: 62.1%–77.7% of MSM, 48.5%–69.8% transgender persons, and 57.2%–77.5% of heterosexual females were interviewed for partner services (Table 7).
- Referral to HIV prevention services: 69.3%–81.3% of MSM, 54.0%–72.5% of transgender persons, and 59.8%–78.0% of heterosexual females were referred to HIV prevention services (Table 7).

### **Men Who Have Sex with Men (MSM)**

In 2013, 153,274 testing events were conducted among MSM in non-health care facilities (Table 12). Of these testing events among MSM, 3,681 (2.4%) were newly identified HIV-positive.

HIV positivity was higher for MSM tested in the South (3.2%), black/African American MSM (4.7%), and MSM aged 20-29 years (2.8%) and 30-39 years (2.4%). Linkage to HIV medical care percentages among MSM varied by certain demographic characteristics (Table 12):

- Persons aged 20-29 years: 56.5%–89.9% were linked within 90 days, and 62.1%–79.3% were linked within any timeframe.



- Persons aged 30-39 years: 58.8%–93.5% were linked within 90 days, and 63.8%–81.0% were linked within any timeframe.
- Black/African Americans: 51.6%–86.9% were linked within 90 days, and 56.6%–73.9% were linked within any timeframe.
- South: 57.9%–93.0% were linked within 90 days, and 62.5%–79.7% were linked within any timeframe.

Data on referral to partner services, interview for partner services, and referral to HIV prevention services for newly identified HIV-positive MSM tested in non-health care facilities are provided in Table 13.

### **Heterosexual Females**

In 2013, 259,963 testing events were conducted among heterosexual females in non-health care facilities, and of these, 753 (0.3%) were newly identified HIV-positive. (Table 6 and Table 14).

HIV positivity percentage was higher for females who were tested in the Northeast region (0.4%), 50 years and older (0.7%), aged 40-49 years (0.6%), and black/African American (0.4%). Linkage to HIV medical care percentages among heterosexual females varied by demographic characteristics (Table 14):

- Females aged 40-49 years: 46.1%–79.8% were linked within 90 days, and 49.0%–65.6% were linked within any timeframe.
- Females aged 50 years and older: 47.9%–78.0% were linked within 90 days, and 52.8%–71.1% were linked within any timeframe.
- Black/African Americans: 50.4%–82.7% were linked within 90 days, and 53.3%–73.9% were linked within any timeframe.
- Northeast: 55.5%–92.2% were linked within 90 days, and 57.0%–75.3% were linked within any timeframe.

Data on referral to partner services, interview for partner services, and referral to HIV prevention services for newly identified HIV-positive heterosexual females tested in non-health care facilities are provided in Table 15.

### **Conclusions**

Beginning in 2012, significant changes were made to the annual HIV testing report in order to align with programmatic priorities for CDC-funded HIV testing programs. For example, to better

monitor progress towards important national prevention program goals, the annual report now focuses on all newly identified HIV-positive persons rather than only on newly identified confirmed HIV-positive persons. This change was made largely as a result of policy and programmatic changes. In February 2013 a joint letter from CDC and HRSA emphasized the importance of all persons identified as HIV-positive being linked to HIV medical care in a timely manner, regardless of whether they had received a preliminary or confirmed HIV-positive test result. Since the advent of treatment as prevention, timely linkage to HIV medical care has become a programmatic priority to ensure better health outcomes for HIV-positive persons and to prevent HIV transmission to HIV-negative persons. Although identification of new HIV-positive persons is critical, ensuring that all HIV-positive persons receive necessary HIV prevention, care, and treatment services is equally important. Monitoring and evaluation data improvements are needed to better track progress toward the goals outlined by NHAS and the DHAP Strategic Plan.

The amount of missing data, particularly for important linkage and referral indicators, improved nationally since 2012 but continues to need improvement. Missing data result from jurisdictions not collecting or not submitting all required data elements. Overall, receipt of HIV test result had the least missing/invalid data (6%), followed by referral to partner services (19%), linkage to HIV medical care within any timeframe (24%), and referral to HIV prevention services (28%). Linkage to HIV medical care within 90 days had the highest percentage of missing/invalid data (43%) (Tables 4 and 5). Without complete data, it is difficult to monitor and evaluate CDC-funded HIV-testing program progress toward key NHAS and DHAP targets. Jurisdictions should continue to strive for more complete data submission to CDC's NHM&E system so that CDC-funded HIV testing programs can be effectively monitored and evaluated.

## **Technical Notes**

### **National HIV Prevention Monitoring and Evaluation HIV Testing Data Collection**

The 2013 NHM&E HIV testing data were submitted to CDC by health department and community-based organization (CBO) grantees through EvaluationWeb. Health departments and CBOs are required to submit data a minimum of twice annually (March and September). This report includes all testing events occurring in 2013 that were reported to CDC by June 2, 2014.

NHM&E data are submitted to CDC in a standard format. A data collection template including required data fields is provided to all jurisdictions. Health departments and CBOs are able to modify this template to better meet their local programmatic needs; however, required data fields cannot be omitted.

### **Data Quality Assurance Monitoring and Grantee Feedback**

The Testing Monitoring and Evaluation Team (TMET) of the Program Evaluation Branch (PEB) in the Division of HIV/AIDS Prevention (DHAP) is tasked with ensuring the quality and validity of the NHM&E HIV testing data. To meet this goal, a standardized, robust, data quality check is performed bi-annually after each data submission deadline. Required data fields are checked to ensure minimal missing/invalid data. Additional attention is paid to required data fields used in the calculation of indicators, including HIV test result received, linkage to HIV medical care within any timeframe, linkage to HIV medical care within 90 days, referral to partner services, interview for partner services, and referral to HIV prevention services. Conference calls were scheduled with each health department jurisdiction to review the quality of the data, to allow for discussion of any areas for improvement, and to provide TA on high-priority data fields requiring edits or updates.

Additionally, grantees are encouraged to develop and use local data quality assurance protocols and procedures to improve and maintain high-quality data. As required in CDC program announcements that support testing activities, all CDC grantees must put in place processes to ensure programmatic quality (e.g., providing HIV test results to persons, promptly and linking HIV-positive persons to HIV medical care).

### **Interpretation of HIV Testing Data**

When interpreting data in this report, several points should be considered.

- Significant changes were made to the calculations of the HIV testing indicators from previous reports. Therefore, comparability with previous annual HIV testing reports on several indicators may be limited. However, to support comparability, Table 16 applies these new calculations to each of the indicators for years 2011-2013. These changes will be described further in the next section, "Definitions." Table 16 shows the number and percentages for HIV testing events, HIV-positive testing events, newly identified HIV-

positive persons, and linkage to HIV medical care within any time frame by demographic characteristics from 2011-2013.

- Some findings may be influenced by whether testing sites more commonly promoted routine or targeted HIV testing. For example, the number of HIV testing events may be lower in geographic areas or jurisdictions with targeted testing focused on certain high-risk populations, and correspondingly, the HIV positivity in these areas or jurisdictions may be higher.
- The population accessing HIV testing services at publicly funded sites is not necessarily representative of all persons who are tested in the United States. This report does not include information about HIV testing services that were supported by the Departments of Defense, Justice, Labor, and Veterans Affairs, Centers for Medicare and Medicaid Services, Health Resources and Services Administration, Substance Abuse and Mental Health Services Administration, agencies of the U.S. Public Health Service other than CDC, state and local health departments, and the private sector. However, it is possible that some of these testing events may be included, if they were not categorized under the correct funding announcement when the data were submitted to CDC.
- It is not possible to link the results of repeat HIV testing events for the same person in the same year.
- HIV testing data are collected by HIV prevention program activities in conjunction with delivery of other health services. Therefore, the comparability of these data across health department jurisdictions may be limited due to differences in data collection, quality assurance, or quality improvement activities that occur at the state or local levels. Comparability within a health department jurisdiction may also be limited for the same reasons.

## Definitions

### Age

The age of the person at testing, as determined by calculating the difference between the year of a person's birth and the year of the HIV testing session.

### Data designation

#### Aggregate data

Total HIV testing events and confirmed HIV-positive testing events reported by health department jurisdictions when complete test-level data were not submitted to CDC.

#### Invalid data

Any test-level data submitted by the health department jurisdiction that do not conform to the value codes stated in the NHM&E data variable set (DVS).

#### Missing data

Any required data associated with a valid HIV testing record for which data were not submitted by the health department jurisdiction. These data were either not collected by the health department jurisdiction or were collected but not reported to CDC.

#### Test-event level data

Data reported by health department jurisdictions for each HIV testing event conducted, including demographics, HIV testing event data, and when appropriate, behavioral risk, linkage to HIV medical care (within 90 days and within any timeframe), referral to and interview for partner services and referral to HIV prevention services data.

### Data variable set

Data dictionary with all NHM&E data elements, including mandatory, required, and allowed data elements. Information provided in the DVS includes variable number, name, schema name, format type, minimum and maximum length, value codes, instructions, and definitions.

### Gender

The person's self-reported current gender identity and may include one's social status, self-identification, legal status, and biology. Current gender identity is submitted to CDC as male, female, male-to-female transgender (i.e., a person whose physical or birth sex is male, but whose gender expression and/or gender identity is female), or female-to-male transgender (i.e., a person whose physical or birth sex is female, but whose gender expression and/or gender identity is male). Additionally, in order to identify transgender persons, sex at birth and current gender identity are examined. If the self-reported genders do not match, the person is classified as a transgender person.

For this report, gender is reported as male or female. Transgender persons are reported under target populations (defined later in this section).

## **Interview for partner services**

Partner services include a range of available services for newly and previously diagnosed HIV-positive persons, their partners, and affected communities. Services may include: informing current and past sex partners that a person who is HIV-positive has identified them as a sex or injection-drug-paraphernalia-sharing partner and advising them to have HIV counseling and testing. Additionally, it can include notifying partners, who may not have suspected that they were at increased risk for HIV so that they can be tested for HIV.

This calculated indicator measures the extent to which newly identified HIV-positive persons were interviewed for partner services. For this report, the minimum percentage includes missing/invalid data in the denominator and includes all newly identified HIV-positive persons. The maximum percentage excludes missing/invalid data from the denominator.

## **Linkage to HIV medical care within 90 days**

HIV medical care includes medical services for HIV infection, including evaluation of immune system function and screening, treatment, and prevention of opportunistic infections. Because of the importance of linking HIV-positive persons to HIV medical care in a timely manner, this indicator is examined separately from “linkage to HIV medical care within any timeframe.”

This calculated indicator measures the extent to which newly identified HIV-positive persons were linked to HIV medical care within 90 days after initial positive test. In order for a person to be linked to care, the person must have attended the first medical care appointment within 90 days after the initial HIV testing session. For this report, the minimum percentage includes missing/invalid data in the denominator and includes all newly identified HIV-positive persons. The maximum percentage excludes missing/invalid data from the denominator.

## **Linkage to HIV medical care within any timeframe**

HIV medical care includes medical services for HIV infection, including evaluation of immune system function and screening, treatment, and prevention of opportunistic infections.

This calculated indicator measures the extent to which newly identified HIV-positive persons were linked to HIV medical care. In order for a person to be considered linked to HIV medical care within any timeframe, the person must have attended the first medical care appointment, regardless of when the appointment occurred. Linkage to HIV medical care within any timeframe includes persons who were linked within 90 days as well those who were linked after the 90-day period. For this report, the minimum percentage includes missing/invalid data in the denominator and includes all newly identified HIV-positive persons. The maximum percentage excludes missing/invalid data from the denominator.

## **Race/ethnicity**

Race is defined as a person’s self-reported classification of the biological heritage with which they most closely identify. Ethnicity is defined as a person’s self-report of whether they are

Hispanic or Latino. Up to five races and one ethnicity (i.e., Hispanic or Latino) for a person are allowed and submitted to CDC as separate variables. For this report, a “race/ethnicity” variable was created by combining the race and ethnicity variables using the following categories:

- Hispanic or Latino (“Hispanic or Latino” in the ethnicity variable regardless of the race variables)
- Remaining persons who selected “Not Hispanic or Latino” for the ethnicity variable were categorized as:
  - White
  - Black or African American
  - Asian
  - American Indian or Alaska Native
  - Native Hawaiian or Pacific Islander
  - Multi-race (persons who selected more than one race)
- Declined
- Don’t know
- Invalid
- Missing

### **Rapid test used in testing event**

This calculated variable indicates whether rapid testing technology was used for an HIV test. A response of “yes” indicates that at least one test within a testing event was performed by using a rapid test technology.

### **Referral to HIV prevention services**

HIV prevention services are defined as any service or intervention directly aimed at reducing the risk of transmitting or acquiring HIV infection (e.g., prevention counseling, effective behavioral interventions, risk-reduction counseling). HIV posttest counseling and indirect services, such as mental health services or housing, are excluded.

This calculated indicator measures the extent to which newly identified HIV-positive persons were provided with a referral to HIV prevention services. For this report, the minimum percentage includes missing/invalid data in the denominator and includes all newly identified HIV-positive persons. The maximum percentage excludes missing/invalid data from the denominator.

### **Referral to partner services**

Partner services include a range of available services for newly and previously diagnosed HIV-positive persons, their partners, and affected communities. Services may include informing current and past sex partners that a person who is HIV-positive has identified them as a sex or injection-drug-paraphernalia-sharing partner and advising them to have HIV counseling and testing. Additionally, it can include notifying partners, who may not have suspected that they were at increased risk of HIV so that they can be tested for HIV.

This calculated indicator measures the extent to which newly identified HIV-positive persons were provided with a referral to partner services. For this report, the minimum percentage includes missing/invalid data in the denominator and includes all newly identified HIV-positive persons. The maximum percentage excludes missing/invalid data from the denominator.

### **Results received**

This calculated indicator measures the extent to which persons received HIV test results from the initial testing site or obtained the results from another agency for at least one HIV test in the testing event, regardless of the HIV test technology or how many tests were conducted. For this report, the minimum percentage includes missing/invalid data in the denominator and includes all newly identified HIV-positive persons. The maximum percentage excludes missing/invalid data from the denominator.

### **Target populations**

NHM&E data for target populations are collected from the person for behavior during the 12 months before the HIV test. The collection of these data is required for all tests performed in non-health care facilities and for HIV-positive persons in health care facilities. For this report, mutually exclusive target populations are determined for HIV-positive persons by using a combination of behaviors and gender of the person (male, female, and transgender). The behaviors used to calculate the target populations include vaginal or anal sex with males or females and use of injection drugs.

The target populations are ordered hierarchically on the basis of the most likely presumed risk for exposure to HIV as follows:

- Men who have sex with men and report injection drug use: includes males who reported both male-to-male sexual contact and injection drug use in the past 12 months
- Men who have sex with men: includes males who reported male-to-male sexual contact in the past 12 months
- Transgender persons who report injection drug use: includes transgender persons (i.e., persons who self-reported current gender as transgender or self-reported sex at birth is different from self-reported current gender) who reported injection drug use in the past 12 months
- Transgender person: includes persons who self-reported current gender as transgender or persons whose self-reported gender at birth is different from self-reported current gender
- Injection drug use: includes persons who reported injection drug use in the past 12 months
- Heterosexual male: includes males who only reported heterosexual contact with a female in the past 12 months



- Heterosexual female: includes females who only reported heterosexual contact with a male in the past 12 months
- Missing/invalid: includes persons: (1) who did not report any of these behaviors, (2) who were not asked about these behaviors, (3) who declined to discuss these behaviors, or (4) for whom these data were not reported, even though they were asked about these behaviors

## Testing events

### HIV testing event

An HIV testing event is one or more HIV tests performed with a person to determine a person's HIV status. During one testing event, a person may be tested once (e.g., one rapid test or one conventional test) or multiple times (e.g., one rapid test followed by one conventional test to confirm a preliminary HIV-positive test result).

### Invalid HIV testing event

An HIV testing event is considered invalid if data are missing/invalid for all of the tests that comprise that HIV testing event for both the following variables: test technology (i.e., conventional, rapid, or other) or HIV test result (i.e., negative, positive, indeterminate, invalid, or no result). These records (0.5% of the total records for 2013) are not included in this report.

## Testing record

### Invalid testing record

Required data within a valid HIV testing record that do not conform to the data structure specified by CDC (e.g., illogical dates (02/30/2013), incomplete dates (02/2013), future years, unacceptable value codes, or unexpected data based upon skip patterns in the data collection form).

### Valid HIV testing record

A test-level data record that includes the mandatory data fields of: session date, agency ID, intervention ID, site ID, site type, and client ID. A test-level testing record cannot be submitted without the mandatory data fields.

## Test results

### Confirmed HIV-positive testing event

A testing event with an HIV-positive test result for a conventional HIV test (positive enzyme immunoassay (EIA) test confirmed by supplemental testing, e.g., Western blot) or a nucleic acid amplification test (NAAT). For the purposes of the 2013 annual HIV testing report and for monitoring and evaluation purposes only, two rapid tests were categorized as a confirmed HIV-positive testing event, unless a negative conventional HIV test result or a negative NAAT test result was documented in the same test event.

**HIV-positive testing event**

An HIV-positive testing event is determined by any of the following test results: (1) a NAAT/RNA positive test result, (2) a conventional positive test result if a negative NAAT/RNA test result was not part of that testing event, (3) a rapid positive test result if a negative NAAT/RNA or negative conventional test result was not part of that testing event, and (4) a documented positive test result, even if test technology data are missing/invalid if a negative NAAT/RNA or negative conventional test result was not part of that testing event.

**Newly identified HIV-positive person**

An HIV-positive test result associated with a person who reports: (1) no previous HIV test, (2) a previous HIV test with a negative or an indeterminate result, or (3) "don't know" for previous HIV test result.

**Preliminary HIV-positive testing event**

A testing event with an HIV-positive test result from one rapid HIV test or an HIV-positive test result for which test technology is missing/invalid, without another documented HIV-positive test result.

**Previous HIV-positive person**

A person who self-reports having a previous positive HIV test result.

**Test setting**

Test setting is determined by the site type where HIV testing is provided, and for this report, it is classified into the following categories:

- Health care and correctional facilities: inpatient facilities, outpatient facilities, emergency rooms, and correctional facilities
- Non-health care facilities: HIV counseling and testing sites and community settings
- Other facilities: blood banks/plasma centers and any other facilities not previously listed
- Invalid: the site code submitted for the facility is not one of the acceptable site codes
- Missing: no site code is submitted for the testing event

**U.S. geographic region**

The U.S. geographic regions are as follows:

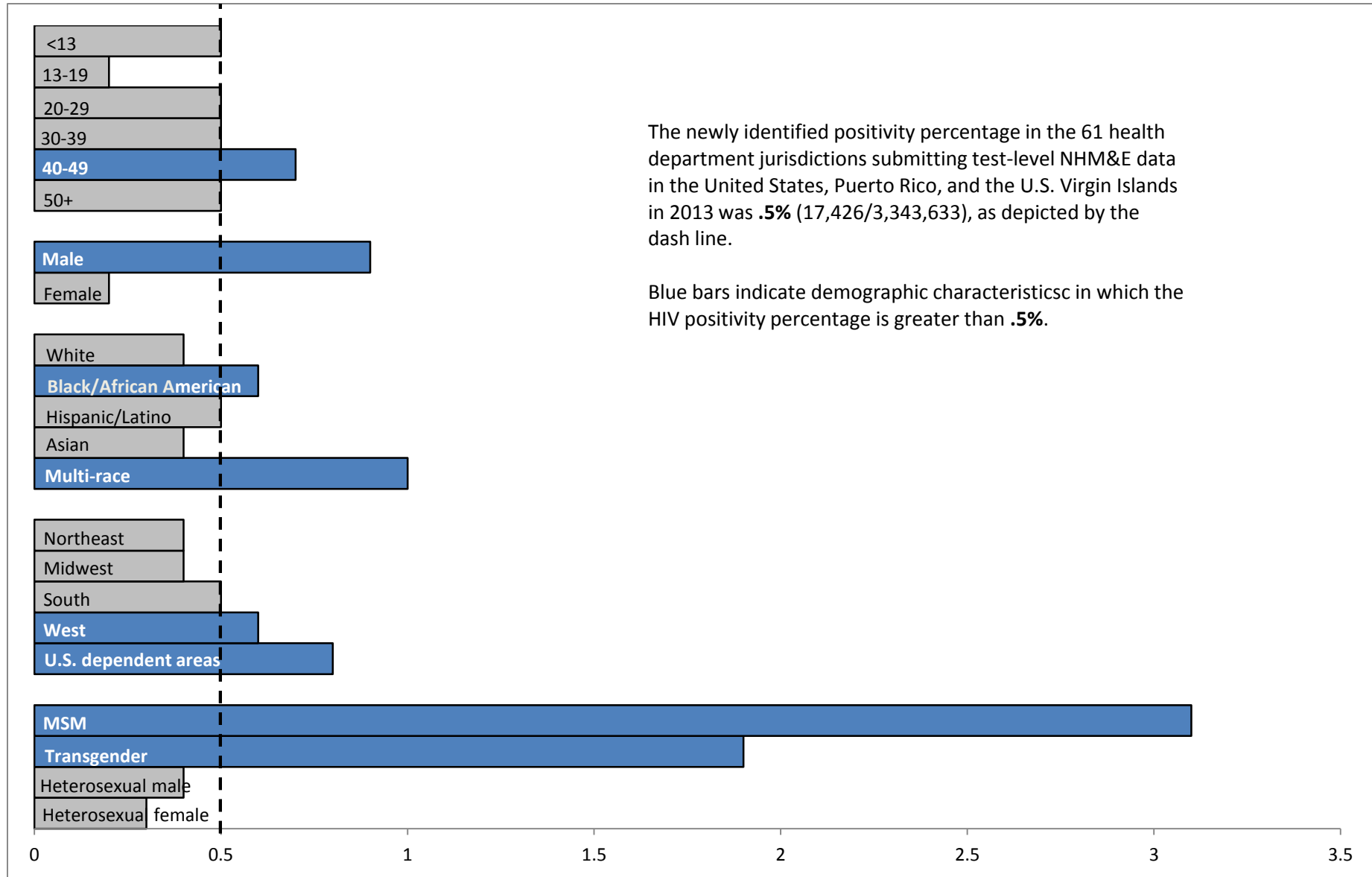
- Northeast: Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont

- Midwest: Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin
- South: Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia
- West: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming
- U.S. dependent areas: Puerto Rico and U.S. Virgin Islands



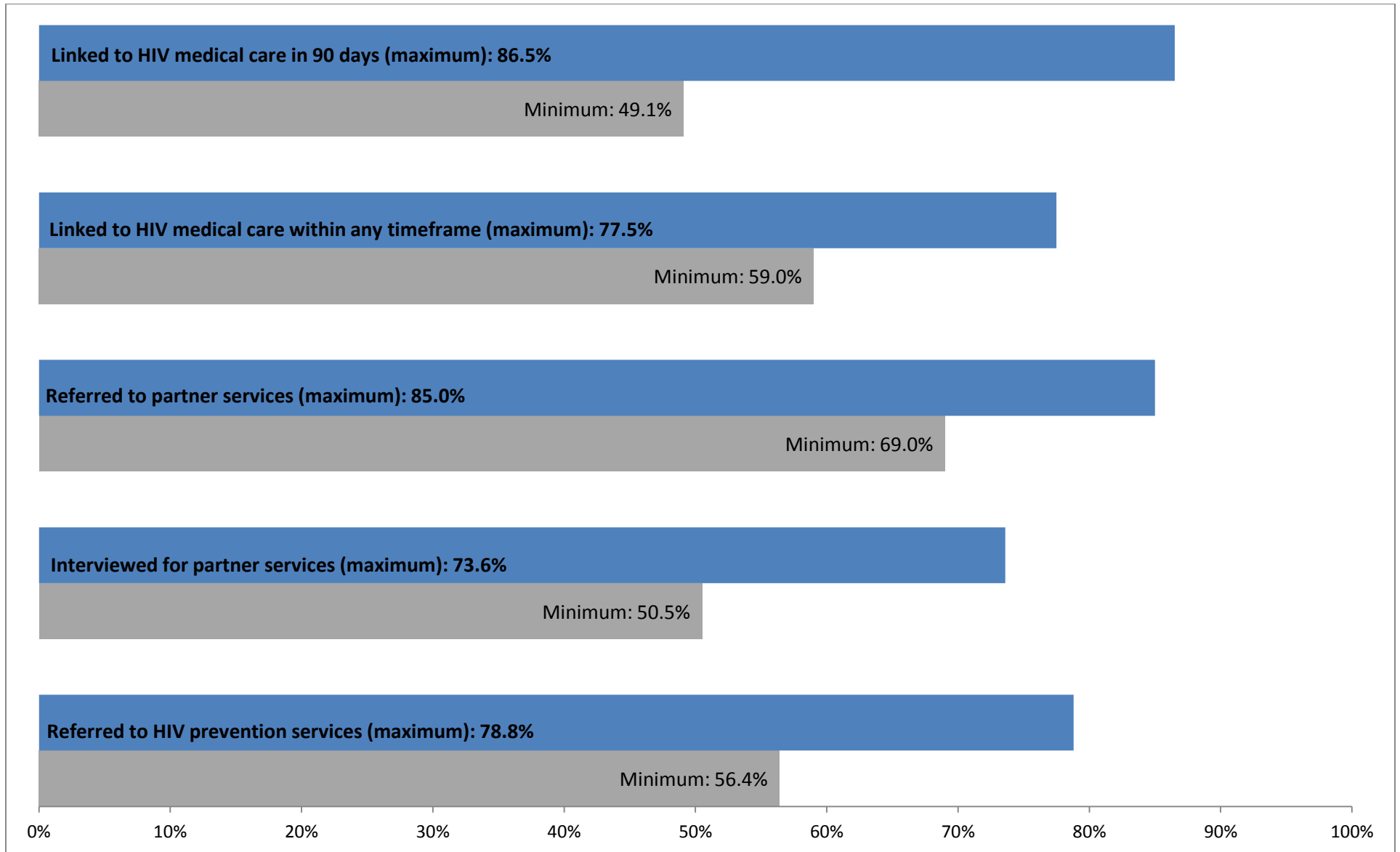
# Figures

**Figure 1. Newly identified HIV positivity percentages by characteristics of persons tested, 61 health department jurisdictions in the United States, Puerto Rico, and the U.S. Virgin Islands, 2013.**



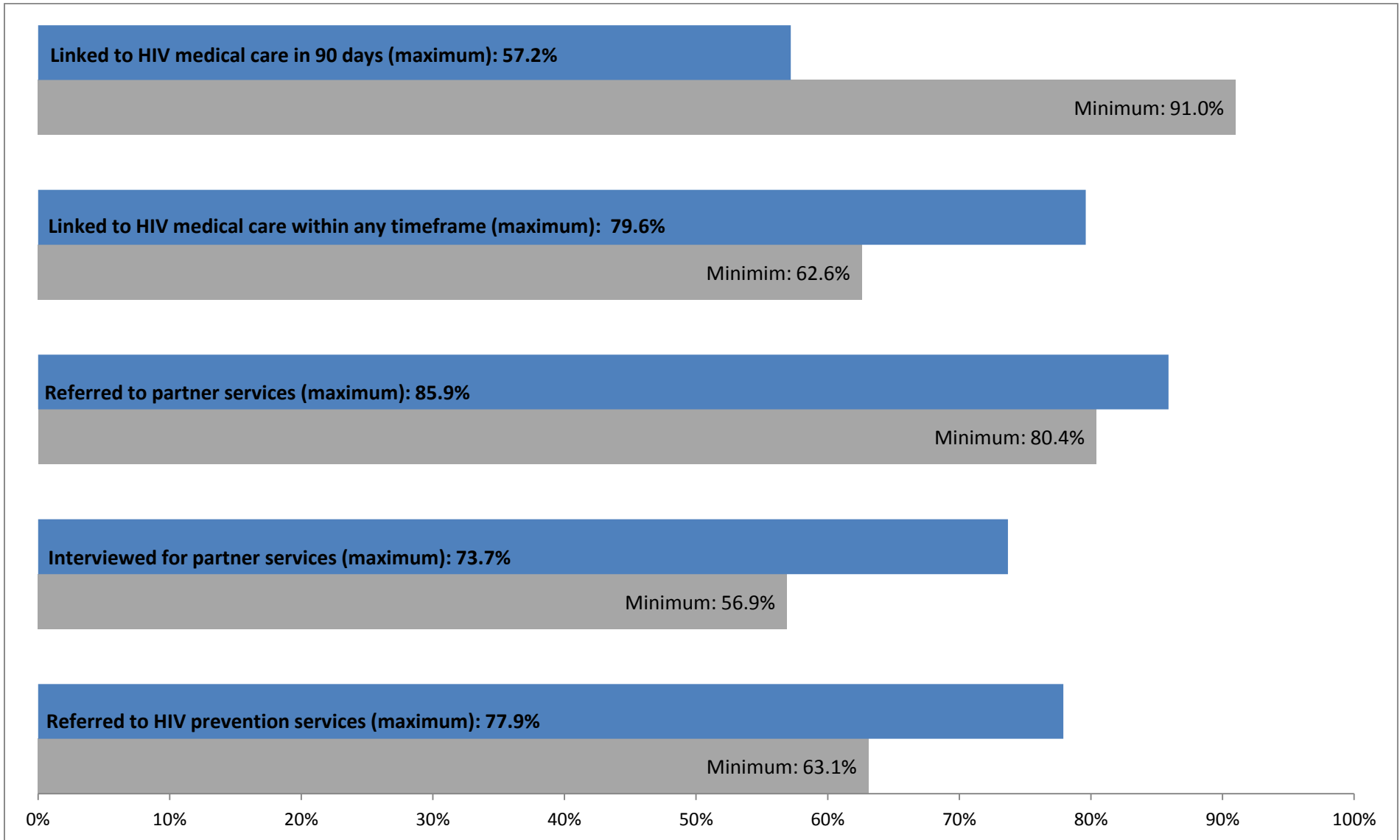
American Indian/Alaska Natives and Native Hawaiian/Pacific Islanders are omitted due to the small number of newly identified HIV-positive persons. Please refer to Table 6 for figure data.

**Figure 2. HIV testing and care continuum indicators among newly identified HIV-positive persons, 61 health department jurisdictions in the United States, Puerto Rico, and the U. S. Virgin Islands, 2013.**



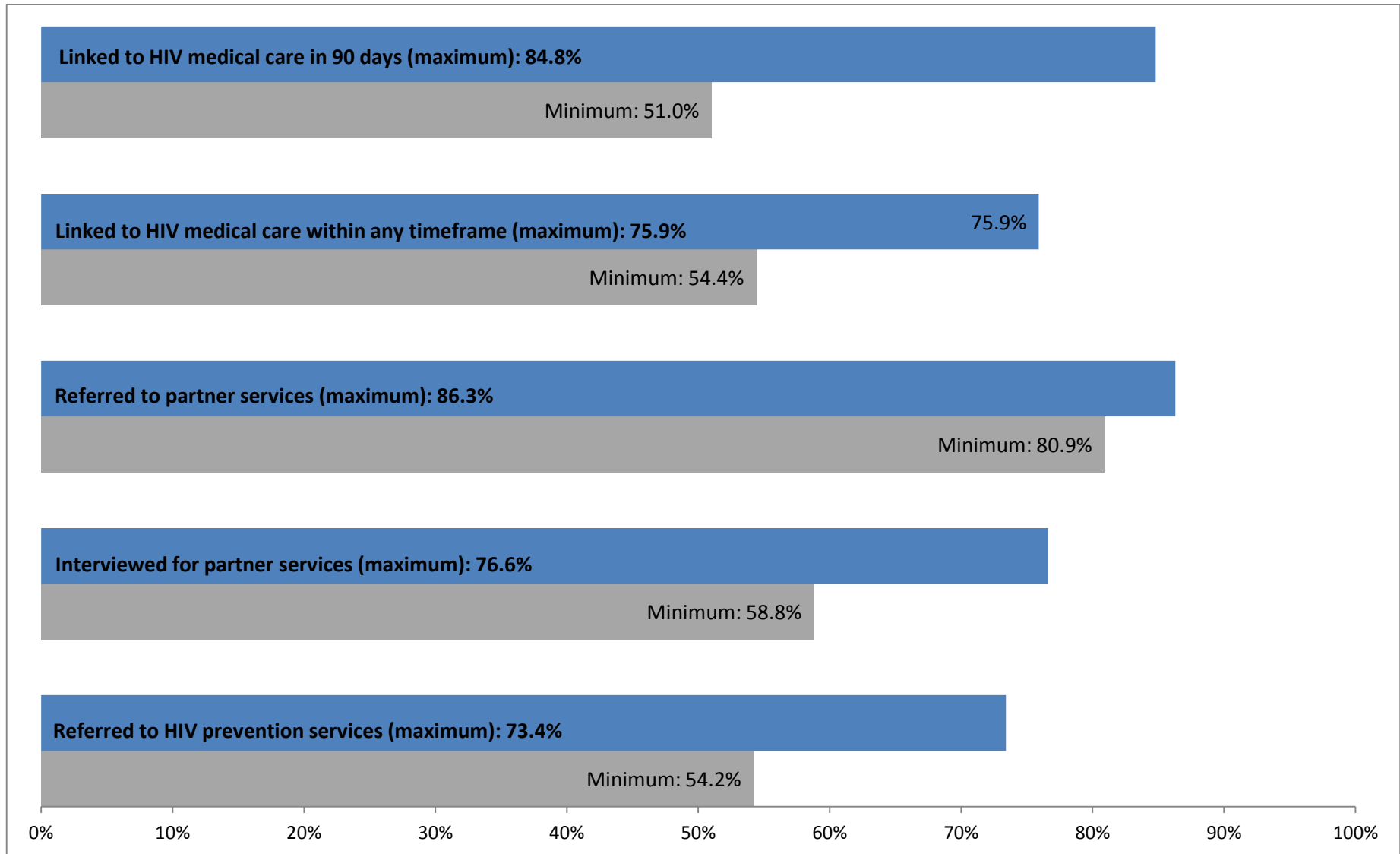
Maximum indicator percentages exclude missing data from the denominator. Minimum percentages include missing data in the denominator. Please refer to Tables 4-7 for figure data. **Note:** The maximum percentage for linkage to HIV medical care within 90 days is greater than the maximum percentage for linkage within any timeframe due to the higher percentage of missing/invalid data for linkage within 90 days.

**Figure 3. HIV testing and care continuum indicators among newly identified HIV-positive men who have sex with men (MSM) in non-health care facilities, 61 health department jurisdictions in the United States, Puerto Rico, and the US. Virgin Islands, 2013**



Maximum indicator percentages exclude missing data from the denominator. Minimum percentages include missing data in the denominator. Please refer to Tables 12-13 for figure data. **Note:** The maximum percentage for linkage to HIV medical care within 90 days is greater than the maximum percentage for linkage within any timeframe due to the higher percentage of missing/invalid data for linkage within 90 days.

**Figure 4. HIV testing and care continuum indicators among newly identified HIV-positive heterosexual females in non-health care facilities, 61 health department jurisdictions in the United States, Puerto Rico, and the U. S. Virgin Islands, 2013.**



Maximum indicator percentages exclude missing data from the denominator. Minimum percentages include missing data in the denominator. Please refer to Tables 14-15 for figure data. **Note:** The maximum percentage for linkage to HIV medical care within 90 days is greater than the maximum percentage for linkage within any timeframe due to the higher percentage of missing/invalid data for linkage within 90 days.





# Tables

**Table 1. Number of HIV testing events and HIV positivity by 61 CDC-funded jurisdictions, United States, Puerto Rico, and the U.S. Virgin Islands, 2013.**

| CDC-funded jurisdiction                             | HIV testing events | HIV-positive testing events |              | Preliminary HIV-positive testing events |              | Confirmed HIV-positive testing events |              | Newly identified HIV-positive testing events |              | Newly identified confirmed HIV-positive testing events |              |
|---|--------------------|-----------------------------|--------------|---|--------------|---------------------------------------|--------------|--|--------------|--|--------------|
|   | No.                | No.                         | (Positive %) | No.                                     | (Positive %) | No.                                   | (Positive %) | No.  | (Positive %) | No.  | (Positive %) |
| Alabama   | 94,968             | 1,126                       | (1.2)        | 284                                     | (0.3)        | 842                                   | (0.9)        | 448  | (0.5)        | 302  | (0.3)        |
| Alaska  | 2,244              | 6                           | (0.3)        | 0                                       | (0.0)        | 6                                     | (0.3)        | 5  | (0.2)        | 5  | (0.2)        |
| Arizona   | 38,802             | 368                         | (0.9)        | 38                                      | (0.1)        | 330                                   | (0.9)        | 279  | (0.7)        | 249  | (0.6)        |
| Arkansas  | 32,087             | 379                         | (1.2)        | 37                                      | (0.1)        | 342                                   | (1.1)        | 330  | (1.0)        | 302  | (0.9)        |
| California  |                    |                             |              |   |              |                                       |              |  |              |  |              |
| Los Angeles   | 125,080            | 1,282                       | (1.0)        | 397                                     | (0.3)        | 885                                   | (0.7)        | 1,040  | (0.8)        | 748  | (0.6)        |
| San Francisco <sup>a</sup>                          | 45,119             | 613                         | (1.1)        | --                                      | --           | 548                                   | (0.9)        | 79   | (0.2)        | --   | --           |
| California (excludes Los Angeles and San Francisco) | 118,712            | 673                         | (0.6)        | 161                                     | (0.1)        | 512                                   | (0.4)        | 509  | (0.4)        | 392  | (0.3)        |
| Colorado  | 23,171             | 185                         | (0.8)        | 9                                       | (0.0)        | 176                                   | (0.8)        | 87   | (0.4)        | 84   | (0.4)        |
| Connecticut   | 51,658             | 212                         | (0.4)        | 47                                      | (0.1)        | 165                                   | (0.3)        | 129  | (0.2)        | 115  | (0.2)        |
| Delaware  | 11,290             | 48                          | (0.4)        | 13                                      | (0.1)        | 35                                    | (0.3)        | 41   | (0.4)        | 33   | (0.3)        |
| District of Columbia                                | 123,707            | 598                         | (0.5)        | 454                                     | (0.4)        | 144                                   | (0.1)        | 479  | (0.4)        | 120  | (0.1)        |
| Florida   | 425,689            | 4,335                       | (1.0)        | 382                                     | (0.1)        | 3,953                                 | (0.9)        | 2,531  | (0.6)        | 2,294  | (0.5)        |
| Georgia   |                    |                             |              |   |              |                                       |              |  |              |  |              |
| Atlanta   | 37,123             | 1,057                       | (2.8)        | 104                                     | (0.3)        | 953                                   | (2.6)        | 627  | (1.7)        | 557  | (1.5)        |
| Georgia (excludes Atlanta)                          | 81,534             | 400                         | (0.5)        | 54                                      | (0.1)        | 346                                   | (0.4)        | 309  | (0.4)        | 272  | (0.3)        |
| Hawaii  | 10,247             | 34                          | (0.3)        | 3                                       | (0.0)        | 31                                    | (0.3)        | 31   | (0.3)        | 29   | (0.3)        |
| Idaho   | 3,582              | 8                           | (0.2)        | 2                                       | (0.1)        | 6                                     | (0.2)        | 5  | (0.1)        | 5  | (0.1)        |
| Illinois  |                    |                             |              |   |              |                                       |              |  |              |  |              |
| Chicago   | 68,900             | 641                         | (0.9)        | 119                                     | (0.2)        | 522                                   | (0.8)        | 313  | (0.5)        | 243  | (0.4)        |

| CDC-funded jurisdiction       | HIV testing events | HIV-positive testing events |              | Preliminary HIV-positive testing events |              | Confirmed HIV-positive testing events |              | Newly identified HIV-positive testing events |              | Newly identified confirmed HIV-positive testing events |              |
|-------------------------------|--------------------|-----------------------------|--------------|---|--------------|---------------------------------------|--------------|--|--------------|--|--------------|
|                               | No.                | No.                         | (Positive %) | No.                                     | (Positive %) | No.                                   | (Positive %) | No.  | (Positive %) | No.  | (Positive %) |
| Illinois (excludes Chicago)   | 7,147              | 90                          | (1.3)        | 6                                       | (0.1)        | 84                                    | (1.2)        | 80   | (1.1)        | 74   | (1.0)        |
| Indiana                       | 13,960             | 100                         | (0.7)        | 6                                       | (0.0)        | 94                                    | (0.7)        | 89   | (0.6)        | 84   | (0.6)        |
| Iowa                          | 5,100              | 33                          | (0.6)        | 2                                       | (0.0)        | 31                                    | (0.6)        | 31   | (0.6)        | 29   | (0.6)        |
| Kansas                        | 19,698             | 46                          | (0.2)        | 1                                       | (0.0)        | 45                                    | (0.2)        | 43   | (0.2)        | 42   | (0.2)        |
| Kentucky                      | 26,535             | 142                         | (0.5)        | 28                                      | (0.1)        | 114                                   | (0.4)        | 124  | (0.5)        | 100  | (0.4)        |
| Louisiana                     | 94,891             | 1,097                       | (1.2)        | 49                                      | (0.1)        | 1,048                                 | (1.1)        | 318  | (0.3)        | 282  | (0.3)        |
| Maine                         | 2,838              | 13                          | (0.5)        | 2                                       | (0.1)        | 11                                    | (0.4)        | 7  | (0.2)        | 6  | (0.2)        |
| Maryland                      |                    |                             |              |   |              |                                       |              |  |              |  |              |
| Baltimore                     | 48,440             | 534                         | (1.1)        | 47                                      | (0.1)        | 487                                   | (1.0)        | 428  | (0.9)        | 399  | (0.8)        |
| Maryland (excludes Baltimore) | 46,572             | 354                         | (0.8)        | 159                                     | (0.3)        | 195                                   | (0.4)        | 225  | (0.5)        | 166  | (0.4)        |
| Massachusetts                 | 65,492             | 368                         | (0.6)        | 149                                     | (0.2)        | 219                                   | (0.3)        | 101  | (0.2)        | 64   | (0.1)        |
| Michigan                      | 72,860             | 482                         | (0.7)        | 430                                     | (0.6)        | 52                                    | (0.1)        | 385  | (0.5)        | 29   | (0.0)        |
| Minnesota                     | 13,180             | 110                         | (0.8)        | 42                                      | (0.3)        | 68                                    | (0.5)        | 91   | (0.7)        | 60   | (0.5)        |
| Mississippi                   | 91,854             | 1,390                       | (1.5)        | 47                                      | (0.1)        | 1,343                                 | (1.5)        | 1,128  | (1.2)        | 1,093  | (1.2)        |
| Missouri                      | 85,650             | 524                         | (0.6)        | 56                                      | (0.1)        | 468                                   | (0.5)        | 183  | (0.2)        | 159  | (0.2)        |
| Montana                       | 2,237              | 7                           | (0.3)        | 4                                       | (0.2)        | 3                                     | (0.1)        | 6  | (0.3)        | 3  | (0.1)        |
| Nebraska                      | 9,157              | 33                          | (0.4)        | 10                                      | (0.1)        | 23                                    | (0.3)        | 27   | (0.3)        | 20   | (0.2)        |
| Nevada                        | 23,477             | 261                         | (1.1)        | 9                                       | (0.0)        | 252                                   | (1.1)        | 208  | (0.9)        | 203  | (0.9)        |
| New Hampshire                 | 903                | 4                           | (0.4)        | 0                                       | (0.0)        | 4                                     | (0.4)        | 3  | (0.3)        | 3  | (0.3)        |
| New Jersey                    | 46,282             | 487                         | (1.1)        | 142                                     | (0.3)        | 345                                   | (0.7)        | 305  | (0.7)        | 211  | (0.5)        |
| New Mexico                    | 11,117             | 67                          | (0.6)        | 9                                       | (0.1)        | 58                                    | (0.5)        | 59   | (0.5)        | 50   | (0.4)        |
| New York                      |                    |                             |              |   |              |                                       |              |  |              |  |              |
| New York City                 | 125,711            | 902                         | (0.7)        | 107                                     | (0.1)        | 795                                   | (0.6)        | 722  | (0.6)        | 671  | (0.5)        |

| CDC-funded jurisdiction              | HIV testing events | HIV-positive testing events |              | Preliminary HIV-positive testing events |              | Confirmed HIV-positive testing events |              | Newly identified HIV-positive testing events |              | Newly identified confirmed HIV-positive testing events |              |
|--------------------------------------|--------------------|-----------------------------|--------------|---|--------------|---------------------------------------|--------------|--|--------------|--|--------------|
|                                      | No.                | No.                         | (Positive %) | No.                                     | (Positive %) | No.                                   | (Positive %) | No.  | (Positive %) | No.  | (Positive %) |
| New York (excludes New York City)    | 136,063            | 891                         | (0.7)        | 87                                      | (0.1)        | 804                                   | (0.6)        | 563  | (0.4)        | 500  | (0.4)        |
| North Carolina                       | 210,364            | 804                         | (0.4)        | 21                                      | (0.0)        | 783                                   | (0.4)        | 504  | (0.2)        | 492  | (0.2)        |
| North Dakota                         | 4,134              | 5                           | (0.1)        | 0                                       | (0.0)        | 5                                     | (0.1)        | 5  | (0.1)        | 5  | (0.1)        |
| Ohio                                 | 60,479             | 365                         | (0.6)        | 142                                     | (0.2)        | 223                                   | (0.4)        | 309  | (0.5)        | 193  | (0.3)        |
| Oklahoma                             | 20,767             | 171                         | (0.8)        | 21                                      | (0.1)        | 150                                   | (0.7)        | 116  | (0.6)        | 98   | (0.5)        |
| Oregon                               | 11,774             | 77                          | (0.7)        | 0                                       | (0.0)        | 77                                    | (0.7)        | 72   | (0.6)        | 72   | (0.6)        |
| Pennsylvania                         |                    |                             |              |   |              |                                       |              |  |              |  |              |
| Pennsylvania (excludes Philadelphia) | 69,411             | 320                         | (0.5)        | 14                                      | (0.0)        | 306                                   | (0.4)        | 276  | (0.4)        | 263  | (0.4)        |
| Philadelphia                         | 93,181             | 662                         | (0.7)        | 153                                     | (0.2)        | 509                                   | (0.5)        | 428  | (0.5)        | 366  | (0.4)        |
| Rhode Island                         | 4,180              | 31                          | (0.7)        | 18                                      | (0.4)        | 13                                    | (0.3)        | 24   | (0.6)        | 10   | (0.2)        |
| South Carolina                       | 72,857             | 656                         | (0.9)        | 178                                     | (0.2)        | 478                                   | (0.7)        | 203  | (0.3)        | 86   | (0.1)        |
| South Dakota                         | 1,400              | 11                          | (0.8)        | 2                                       | (0.1)        | 9                                     | (0.6)        | 6  | (0.4)        | 5  | (0.4)        |
| Tennessee                            | 140,150            | 1,099                       | (0.8)        | 136                                     | (0.1)        | 963                                   | (0.7)        | 788  | (0.6)        | 706  | (0.5)        |
| Texas                                |                    |                             |              |   |              |                                       |              |  |              |  |              |
| Houston                              | 67,212             | 1,053                       | (1.6)        | 15                                      | (0.0)        | 1,038                                 | (1.5)        | 111  | (0.2)        | 105  | (0.2)        |
| Texas (excludes Houston)             | 195,330            | 2,720                       | (1.4)        | 167                                     | (0.1)        | 2,553                                 | (1.3)        | 1,318  | (0.7)        | 1,249  | (0.6)        |
| Utah                                 | 9,007              | 52                          | (0.6)        | 9                                       | (0.1)        | 43                                    | (0.5)        | 45   | (0.5)        | 40   | (0.4)        |
| Vermont                              | 898                | 5                           | (0.6)        | 0                                       | (0.0)        | 5                                     | (0.6)        | 4  | (0.4)        | 4  | (0.4)        |
| Virginia                             | 73,196             | 325                         | (0.4)        | 30                                      | (0.0)        | 295                                   | (0.4)        | 283  | (0.4)        | 260  | (0.4)        |
| Washington                           | 14,292             | 201                         | (1.4)        | 17                                      | (0.1)        | 184                                   | (1.3)        | 127  | (0.9)        | 116  | (0.8)        |
| West Virginia                        | 1,768              | 4                           | (0.2)        | 1                                       | (0.1)        | 3                                     | (0.2)        | 3  | (0.2)        | 2  | (0.1)        |
| Wisconsin                            | 13,539             | 123                         | (0.9)        | 25                                      | (0.2)        | 98                                    | (0.7)        | 97   | (0.7)        | 81   | (0.6)        |

| CDC-funded jurisdiction | HIV testing events | HIV-positive testing events |              | Preliminary HIV-positive testing events |              | Confirmed HIV-positive testing events |              | Newly identified HIV-positive testing events |              | Newly identified confirmed HIV-positive testing events |              |
|-------------------------|--------------------|-----------------------------|--------------|---|--------------|---------------------------------------|--------------|--|--------------|--|--------------|
|                         | No.                | No.                         | (Positive %) | No.                                     | (Positive %) | No.                                   | (Positive %) | No.  | (Positive %) | No.  | (Positive %) |
| Wyoming                 | 5,027              | 6                           | (0.1)        | 0                                       | (0.0)        | 6                                     | (0.1)        | 6  | (0.1)        | 6  | (0.1)        |
| Puerto Rico             | 35,289             | 408                         | (1.2)        | 34                                      | (0.1)        | 374                                   | (1.1)        | 328  | (0.9)        | 305  | (0.9)        |
| U.S. Virgin Islands     | 5,181              | 5                           | (0.1)        | 2                                       | (0.0)        | 3                                     | (0.1)        | 5  | (0.1)        | 3  | (0.1)        |
| <b>Total</b>            | <b>3,352,513</b>   | <b>29,003</b>               | <b>(0.9)</b> | <b>4,481</b>                            | <b>(0.1)</b> | <b>24,457</b>                         | <b>(0.7)</b> | <b>17,426</b>                                | <b>(0.5)</b> | <b>14,465</b>  | <b>(0.4)</b> |

<sup>a</sup> Data from San Francisco were reported at the aggregate level only for Table 1, which added 8,880 testing events, 321 total HIV positive testing events, 267 confirmed HIV-positive testing events, and excluded 11 preliminary HIV-positive testing events, and 72 newly identified confirmed HIV-positive testing events that are included in the remaining tables, which display test-level data.



| Health department                    | Health care and correctional facilities |        |                                   |                    | Non-health care facilities |        |                                   |                    |
|--------------------------------------|---|--------|-----------------------------------|--------------------|----------------------------|--------|-----------------------------------|--------------------|
|                                      | HIV testing events                      |        | Newly HIV-positive testing events |                    | HIV testing events         |        | Newly HIV-positive testing events |                    |
|                                      | No.                                     | (%)    | No.                               | (Newly positive %) | No.                        | (%)    | No.                               | (Newly positive %) |
| Baltimore                            | 34,174                                  | (70.5) | 210                               | (0.6)              | 13,048                     | (26.9) | 201                               | (1.5)              |
| Maryland (excludes Baltimore)        | 26,161                                  | (56.2) | 143                               | (0.5)              | 19,776                     | (42.5) | 81                                | (0.4)              |
| Massachusetts                        | 52,783                                  | (80.6) | 94                                | (0.2)              | 12,709                     | (19.4) | 7                                 | (0.1)              |
| Michigan                             | 62,541                                  | (85.8) | 288                               | (0.5)              | 10,319                     | (14.2) | 97                                | (0.9)              |
| Minnesota                            | 10,280                                  | (78.0) | 78                                | (0.8)              | 2,900                      | (22.0) | 13                                | (0.4)              |
| Mississippi                          | 87,892                                  | (95.7) | 1,095                             | (1.2)              | 3,958                      | (4.3)  | 32                                | (0.8)              |
| Missouri                             | 74,040                                  | (86.4) | 84                                | (0.1)              | 11,607                     | (13.6) | 99                                | (0.9)              |
| Montana                              | 411                                     | (18.4) | 4                                 | (1.0)              | 1,826                      | (81.6) | 2                                 | (0.1)              |
| Nebraska                             | 6,746                                   | (73.7) | 12                                | (0.2)              | 2,411                      | (26.3) | 15                                | (0.6)              |
| Nevada                               | 13,473                                  | (57.4) | 124                               | (0.9)              | 10,004                     | (42.6) | 84                                | (0.8)              |
| New Hampshire                        | 826                                     | (91.5) | 3                                 | (0.4)              | 77                         | (8.5)  | 0                                 | (0.0)              |
| New Jersey                           | 23,141                                  | (50.0) | 125                               | (0.5)              | 23,141                     | (50.0) | 180                               | (0.8)              |
| New Mexico                           | 8,877                                   | (79.9) | 54                                | (0.6)              | 2,240                      | (20.1) | 5                                 | (0.2)              |
| New York                             |   |        |                                   |                    |                            |        |                                   |                    |
| New York City                        | 62,964                                  | (50.1) | 355                               | (0.6)              | 62,689                     | (49.9) | 361                               | (0.6)              |
| New York (excludes New York City)    | 97,274                                  | (71.5) | 376                               | (0.4)              | 36,675                     | (27.0) | 186                               | (0.5)              |
| North Carolina                       | 47,044                                  | (22.4) | 69                                | (0.1)              | 163,318                    | (77.6) | 434                               | (0.3)              |
| North Dakota                         | 58                                      | (1.4)  | 0                                 | (0.0)              | 4,069                      | (98.4) | 5                                 | (0.1)              |
| Ohio                                 | 42,289                                  | (69.9) | 203                               | (0.5)              | 18,190                     | (30.1) | 106                               | (0.6)              |
| Oklahoma                             | 16,805                                  | (80.9) | 33                                | (0.2)              | 3,962                      | (19.1) | 83                                | (2.1)              |
| Oregon                               | 9,063                                   | (77.0) | 62                                | (0.7)              | 2,609                      | (22.2) | 10                                | (0.4)              |
| Pennsylvania                         |   |        |                                   |                    |                            |        |                                   |                    |
| Pennsylvania (excludes Philadelphia) | 56,796                                  | (81.8) | 207                               | (0.4)              | 11,296                     | (16.3) | 59                                | (0.5)              |
| Philadelphia                         | 81,819                                  | (87.8) | 237                               | (0.3)              | 11,362                     | (12.2) | 191                               | (1.7)              |
| Rhode Island                         | 1,741                                   | (41.7) | 10                                | (0.6)              | 2,439                      | (58.3) | 14                                | (0.6)              |
| South Carolina                       | 64,247                                  | (88.2) | 75                                | (0.1)              | 8,610                      | (11.8) | 128                               | (1.5)              |
| South Dakota                         | 747                                     | (53.4) | 1                                 | (0.1)              | 653                        | (46.6) | 5                                 | (0.8)              |
| Tennessee                            | 119,496                                 | (85.3) | 652                               | (0.5)              | 20,556                     | (14.7) | 136                               | (0.7)              |
| Texas                                |   |        |                                   |                    |                            |        |                                   |                    |
| Houston                              | 62,429                                  | (92.9) | 43                                | (0.1)              | 4,375                      | (6.5)  | 67                                | (1.5)              |
| Texas (excludes Houston)             | 126,540                                 | (64.8) | 671                               | (0.5)              | 66,152                     | (33.9) | 631                               | (1.0)              |
| Utah                                 | 4,825                                   | (53.6) | 19                                | (0.4)              | 4,182                      | (46.4) | 26                                | (0.6)              |

| Health department   | Health care and correctional facilities |               |                                   |                    | Non-health care facilities |               |                                   |                    |
|---------------------|---|---------------|-----------------------------------|--------------------|----------------------------|---------------|-----------------------------------|--------------------|
|                     | HIV testing events                      |               | Newly HIV-positive testing events |                    | HIV testing events         |               | Newly HIV-positive testing events |                    |
|                     | No.                                     | (%)           | No.                               | (Newly positive %) | No.                        | (%)           | No.                               | (Newly positive %) |
| Vermont             | 219                                     | (24.4)        | 0                                 | (0.0)              | 679                        | (75.6)        | 4                                 | (0.6)              |
| Virginia            | 61,670                                  | (84.3)        | 205                               | (0.3)              | 11,526                     | (15.7)        | 78                                | (0.7)              |
| Washington          | 5,918                                   | (41.4)        | 55                                | (0.9)              | 8,374                      | (58.6)        | 72                                | (0.9)              |
| West Virginia       | 1,468                                   | (83.0)        | 2                                 | (0.1)              | 300                        | (17.0)        | 1                                 | (0.3)              |
| Wisconsin           | 5,176                                   | (38.2)        | 13                                | (0.3)              | 8,360                      | (61.7)        | 84                                | (1.0)              |
| Wyoming             | 5,022                                   | (99.9)        | 4                                 | (0.1)              | 2                          | (0.0)         | 2                                 | (100.0)            |
| Puerto Rico         | 25,629                                  | (72.6)        | 279                               | (1.1)              | 9,660                      | (27.4)        | 49                                | (0.5)              |
| U.S. Virgin Islands | 4,352                                   | (84.0)        | 5                                 | (0.1)              | 829                        | (16.0)        | 0                                 | (0.0)              |
| <b>Total</b>        | <b>2,298,949</b>                        | <b>(68.8)</b> | <b>10,144</b>                     | <b>(0.4)</b>       | <b>977,645</b>             | <b>(29.2)</b> | <b>7,029</b>                      | <b>(0.7)</b>       |



**Table 3: HIV testing and care continuum for persons identified as previously HIV-positive for 61 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2013**

| CDC funded jurisdiction                             | HIV testing events | Previous HIV positive testing events |              | Already in HIV medical care |             | Linkage to HIV Medical Care* |            |                 |                    |                       |                       | Linkage to HIV Medical Care in 90 days* |            |                 |                    |                       |                       |
|---|--------------------|--------------------------------------|--------------|-----------------------------|-------------|------------------------------|------------|-----------------|--------------------|-----------------------|-----------------------|---|------------|-----------------|--------------------|-----------------------|-----------------------|
|   | No.                | No.                                  | (Positive %) | No.                         | (% in care) | Linked                       | Not linked | Missing/invalid | (Missing/Invalid%) | (Minimum Indicator %) | (Maximum Indicator %) | Linked                                  | Not linked | Missing/invalid | (Missing/Invalid%) | (Minimum Indicator %) | (Maximum Indicator %) |
| Alabama   | 94,968             | 281                                  | (0.3)        | 0                           | (0.0)       | 109                          | 1          | 171             | (60.9)             | (38.8)                | (99.1)                | 34                                      | 4          | 243             | (86.5)             | (12.1)                | (89.5)                |
| Alaska  | 2,244              | 0                                    | (0.0)        | 0                           | (0.0)       | 0                            | 0          | 0               | (0.0)              | (0.0)                 | (0.0)                 | 0                                       | 0          | 0               | (0.0)              | (0.0)                 | (0.0)                 |
| Arizona   | 38,802             | 66                                   | (0.2)        | 14                          | (21.2)      | 38                           | 12         | 2               | (3.8)              | (73.1)                | (76.0)                | 26                                      | 4          | 22              | (42.3)             | (50.0)                | (86.7)                |
| Arkansas  | 32,087             | 49                                   | (0.2)        | 1                           | (2.0)       | 1                            | 13         | 34              | (70.8)             | (2.1)                 | (7.1)                 | 1                                       | 0          | 47              | (97.9)             | (2.1)                 | (100.0)               |
| California  |                    |                                      |              |                             |             |                              |            |                 |                    |                       |                       |   |            |                 |                    |                       |                       |
| Los Angeles   | 125,080            | 202                                  | (0.2)        | 5                           | (2.5)       | 164                          | 4          | 29              | (14.7)             | (83.2)                | (97.6)                | 139                                     | 1          | 57              | (28.9)             | (70.6)                | (99.3)                |
| San Francisco                                       | 36,239             | 184                                  | (0.5)        | 2                           | (1.1)       | 158                          | 7          | 17              | (9.3)              | (86.8)                | (95.8)                | 154                                     | 2          | 26              | (14.3)             | (84.6)                | (98.7)                |
| California (excludes Los Angeles and San Francisco) | 118,712            | 142                                  | (0.1)        | 5                           | (3.5)       | 91                           | 46         | 0               | (0.0)              | (66.4)                | (66.4)                | 79                                      | 24         | 34              | (24.8)             | (57.7)                | (76.7)                |
| Colorado  | 23,171             | 27                                   | (0.1)        | 5                           | (18.5)      | 20                           | 2          | 0               | (0.0)              | (90.9)                | (90.9)                | 18                                      | 4          | 0               | (0.0)              | (81.8)                | (81.8)                |
| Connecticut   | 51,658             | 71                                   | (0.1)        | 25                          | (35.2)      | 45                           | 1          | 0               | (0.0)              | (97.8)                | (97.8)                | 45                                      | 0          | 1               | (2.2)              | (97.8)                | (100.0)               |
| Delaware  | 11,290             | 7                                    | (0.1)        | 3                           | (42.9)      | 4                            | 0          | 0               | (0.0)              | (100.0)               | (100.0)               | 4                                       | 0          | 0               | (0.0)              | (100.0)               | (100.0)               |
| District of Columbia                                | 123,707            | 114                                  | (0.1)        | 11                          | (9.6)       | 75                           | 17         | 11              | (10.7)             | (72.8)                | (81.5)                | 48                                      | 18         | 37              | (35.9)             | (46.6)                | (72.7)                |
| Florida   | 425,689            | 1,686                                | (0.4)        | 1                           | (0.1)       | 1,495                        | 0          | 190             | (11.3)             | (88.7)                | (100.0)               | 1,495                                   | 0          | 190             | (11.3)             | (88.7)                | (100.0)               |
| Georgia   |                    |                                      |              |                             |             |                              |            |                 |                    |                       |                       |   |            |                 |                    |                       |                       |
| Atlanta   | 37,123             | 425                                  | (1.1)        | 5                           | (1.2)       | 156                          | 250        | 14              | (3.3)              | (37.1)                | (38.4)                | 145                                     | 215        | 60              | (14.3)             | (34.5)                | (40.3)                |
| Georgia (excludes Atlanta)                          | 81,534             | 90                                   | (0.1)        | 6                           | (6.7)       | 48                           | 13         | 23              | (27.4)             | (57.1)                | (78.7)                | 40                                      | 9          | 35              | (41.7)             | (47.6)                | (81.6)                |
| Hawaii  | 10,247             | 3                                    | (0.0)        | 1                           | (33.3)      | 2                            | 0          | 0               | (0.0)              | (100.0)               | (100.0)               | 2                                       | 0          | 0               | (0.0)              | (100.0)               | (100.0)               |
| Idaho   | 3,582              | 2                                    | (0.1)        | 1                           | (50.0)      | 0                            | 1          | 0               | (0.0)              | (0.0)                 | (0.0)                 | 0                                       | 1          | 0               | (0.0)              | (0.0)                 | (0.0)                 |
| Illinois  |                    |                                      |              |                             |             |                              |            |                 |                    |                       |                       |   |            |                 |                    |                       |                       |
| Chicago   | 68,900             | 178                                  | (0.3)        | 51                          | (28.7)      | 28                           | 11         | 88              | (69.3)             | (22.0)                | (71.8)                | 28                                      | 2          | 97              | (76.4)             | (22.0)                | (93.3)                |
| Illinois (excludes Chicago)                         | 7,147              | 10                                   | (0.1)        | 0                           | (0.0)       | 8                            | 1          | 1               | (10.0)             | (80.0)                | (88.9)                | 8                                       | 1          | 1               | (10.0)             | (80.0)                | (88.9)                |

| CDC funded jurisdiction           | HIV testing events | Previous HIV positive testing events |              | Already in HIV medical care |             | Linkage to HIV Medical Care* |            |                 |                    |                       |                       | Linkage to HIV Medical Care in 90 days* |            |                 |                    |                       |                       |
|-----------------------------------|--------------------|--------------------------------------|--------------|-----------------------------|-------------|------------------------------|------------|-----------------|--------------------|-----------------------|-----------------------|---|------------|-----------------|--------------------|-----------------------|-----------------------|
|                                   | No.                | No.                                  | (Positive %) | No.                         | (% in care) | Linked                       | Not linked | Missing/invalid | (Missing/Invalid%) | (Minimum Indicator %) | (Maximum Indicator %) | Linked                                  | Not linked | Missing/invalid | (Missing/Invalid%) | (Minimum Indicator %) | (Maximum Indicator %) |
| Indiana                           | 13,960             | 7                                    | (0.1)        | 0                           | (0.0)       | 5                            | 1          | 1               | (14.3)             | (71.4)                | (83.3)                | 3                                       | 3          | 1               | (14.3)             | (42.9)                | (50.0)                |
| Iowa                              | 5,100              | 1                                    | (0.0)        | 0                           | (0.0)       | 1                            | 0          | 0               | (0.0)              | (100.0)               | (100.0)               | 1                                       | 0          | 0               | (0.0)              | (100.0)               | (100.0)               |
| Kansas                            | 19,698             | 3                                    | (0.0)        | 3                           | (100.0)     | 0                            | 0          | 0               | (0.0)              | (0.0)                 | (0.0)                 | 0                                       | 0          | 0               | (0.0)              | (0.0)                 | (0.0)                 |
| Kentucky                          | 26,535             | 18                                   | (0.1)        | 1                           | (5.6)       | 6                            | 4          | 7               | (41.2)             | (35.3)                | (60.0)                | 6                                       | 1          | 10              | (58.8)             | (35.3)                | (85.7)                |
| Louisiana                         | 94,891             | 82                                   | (0.1)        | 0                           | (0.0)       | 68                           | 14         | 0               | (0.0)              | (82.9)                | (82.9)                | 63                                      | 9          | 10              | (12.2)             | (76.8)                | (87.5)                |
| Maine                             | 2,838              | 6                                    | (0.2)        | 0                           | (0.0)       | 6                            | 0          | 0               | (0.0)              | (100.0)               | (100.0)               | 4                                       | 2          | 0               | (0.0)              | (66.7)                | (66.7)                |
| Maryland                          |                    |                                      |              |                             |             |                              |            |                 |                    |                       |                       |   |            |                 |                    |                       |                       |
| Baltimore                         | 48,440             | 87                                   | (0.2)        | 25                          | (28.7)      | 34                           | 18         | 10              | (16.1)             | (54.8)                | (65.4)                | 34                                      | 14         | 14              | (22.6)             | (54.8)                | (70.8)                |
| Maryland (excludes Baltimore)     | 46,572             | 123                                  | (0.3)        | 25                          | (20.3)      | 72                           | 23         | 3               | (3.1)              | (73.5)                | (75.8)                | 65                                      | 18         | 15              | (15.3)             | (66.3)                | (78.3)                |
| Massachusetts                     | 65,492             | 259                                  | (0.4)        | 18                          | (6.9)       | 136                          | 105        | 0               | (0.0)              | (56.4)                | (56.4)                | 133                                     | 8          | 100             | (41.5)             | (55.2)                | (94.3)                |
| Michigan                          | 72,860             | 97                                   | (0.1)        | 0                           | (0.0)       | 0                            | 0          | 97              | (100.0)            | (0.0)                 | (0.0)                 | 0                                       | 0          | 97              | (100.0)            | (0.0)                 | (0.0)                 |
| Minnesota                         | 13,180             | 16                                   | (0.1)        | 1                           | (6.3)       | 9                            | 4          | 2               | (13.3)             | (60.0)                | (69.2)                | 9                                       | 0          | 6               | (40.0)             | (60.0)                | (100.0)               |
| Mississippi                       | 91,854             | 260                                  | (0.3)        | 4                           | (1.5)       | 80                           | 117        | 59              | (23.0)             | (31.3)                | (40.6)                | 79                                      | 39         | 138             | (53.9)             | (30.9)                | (66.9)                |
| Missouri                          | 85,650             | 56                                   | (0.1)        | 8                           | (14.3)      | 46                           | 2          | 0               | (0.0)              | (95.8)                | (95.8)                | 42                                      | 6          | 0               | (0.0)              | (87.5)                | (87.5)                |
| Montana                           | 2,237              | 1                                    | (0.0)        | 0                           | (0.0)       | 0                            | 1          | 0               | (0.0)              | (0.0)                 | (0.0)                 | 0                                       | 0          | 1               | (100.0)            | (0.0)                 | (0.0)                 |
| Nebraska                          | 9,157              | 5                                    | (0.1)        | 2                           | (40.0)      | 3                            | 0          | 0               | (0.0)              | (100.0)               | (100.0)               | 3                                       | 0          | 0               | (0.0)              | (100.0)               | (100.0)               |
| Nevada                            | 23,477             | 48                                   | (0.2)        | 5                           | (10.4)      | 30                           | 13         | 0               | (0.0)              | (69.8)                | (69.8)                | 30                                      | 9          | 4               | (9.3)              | (69.8)                | (76.9)                |
| New Hampshire                     | 903                | 1                                    | (0.1)        | 0                           | (0.0)       | 1                            | 0          | 0               | (0.0)              | (100.0)               | (100.0)               | 1                                       | 0          | 0               | (0.0)              | (100.0)               | (100.0)               |
| New Jersey                        | 46,282             | 178                                  | (0.4)        | 4                           | (2.2)       | 157                          | 15         | 2               | (1.1)              | (90.2)                | (91.3)                | 157                                     | 10         | 7               | (4.0)              | (90.2)                | (94.0)                |
| New Mexico                        | 11,117             | 8                                    | (0.1)        | 2                           | (25.0)      | 3                            | 3          | 0               | (0.0)              | (50.0)                | (50.0)                | 3                                       | 1          | 2               | (33.3)             | (50.0)                | (75.0)                |
| New York                          |                    |                                      |              |                             |             |                              |            |                 |                    |                       |                       |   |            |                 |                    |                       |                       |
| New York City                     | 125,711            | 155                                  | (0.1)        | 38                          | (24.5)      | 59                           | 18         | 40              | (34.2)             | (50.4)                | (76.6)                | 56                                      | 10         | 51              | (43.6)             | (47.9)                | (84.8)                |
| New York (excludes New York City) | 136,063            | 313                                  | (0.2)        | 0                           | (0.0)       | 288                          | 1          | 24              | (7.7)              | (92.0)                | (99.7)                | 214                                     | 27         | 72              | (23.0)             | (68.4)                | (88.8)                |

| CDC funded jurisdiction              | HIV testing events | Previous HIV positive testing events |              | Already in HIV medical care |             | Linkage to HIV Medical Care* |            |                 |                    |                       |                       | Linkage to HIV Medical Care in 90 days* |            |                 |                    |                       |                       |
|--------------------------------------|--------------------|--------------------------------------|--------------|-----------------------------|-------------|------------------------------|------------|-----------------|--------------------|-----------------------|-----------------------|---|------------|-----------------|--------------------|-----------------------|-----------------------|
|                                      | No.                | No.                                  | (Positive %) | No.                         | (% in care) | Linked                       | Not linked | Missing/invalid | (Missing/Invalid%) | (Minimum Indicator %) | (Maximum Indicator %) | Linked                                  | Not linked | Missing/invalid | (Missing/Invalid%) | (Minimum Indicator %) | (Maximum Indicator %) |
| North Carolina                       | 210,364            | 213                                  | (0.1)        | 0                           | (0.0)       | 1                            | 0          | 212             | (99.5)             | (0.5)                 | (100.0)               | 1                                       | 0          | 212             | (99.5)             | (0.5)                 | (100.0)               |
| North Dakota                         | 4,134              | 0                                    | (0.0)        | 0                           | (0.0)       | 0                            | 0          | 0               | (0.0)              | (0.0)                 | (0.0)                 | 0                                       | 0          | 0               | (0.0)              | (0.0)                 | (0.0)                 |
| Ohio                                 | 60,479             | 54                                   | (0.1)        | 4                           | (7.4)       | 23                           | 3          | 24              | (48.0)             | (46.0)                | (88.5)                | 22                                      | 2          | 26              | (52.0)             | (44.0)                | (91.7)                |
| Oklahoma                             | 20,767             | 49                                   | (0.2)        | 2                           | (4.1)       | 9                            | 18         | 20              | (42.6)             | (19.1)                | (33.3)                | 8                                       | 0          | 39              | (83.0)             | (17.0)                | (100.0)               |
| Oregon                               | 11,774             | 5                                    | (0.0)        | 0                           | (0.0)       | 4                            | 1          | 0               | (0.0)              | (80.0)                | (80.0)                | 4                                       | 1          | 0               | (0.0)              | (80.0)                | (80.0)                |
| Pennsylvania                         |                    |                                      |              |                             |             |                              |            |                 |                    |                       |                       |   |            |                 |                    |                       |                       |
| Pennsylvania (excludes Philadelphia) | 69,411             | 38                                   | (0.1)        | 1                           | (2.6)       | 19                           | 12         | 6               | (16.2)             | (51.4)                | (61.3)                | 18                                      | 0          | 19              | (51.4)             | (48.6)                | (100.0)               |
| Philadelphia                         | 93,181             | 136                                  | (0.1)        | 20                          | (14.7)      | 69                           | 30         | 17              | (14.7)             | (59.5)                | (69.7)                | 64                                      | 17         | 35              | (30.2)             | (55.2)                | (79.0)                |
| Rhode Island                         | 4,180              | 6                                    | (0.1)        | 0                           | (0.0)       | 5                            | 0          | 1               | (16.7)             | (83.3)                | (100.0)               | 5                                       | 0          | 1               | (16.7)             | (83.3)                | (100.0)               |
| South Carolina                       | 72,857             | 82                                   | (0.1)        | 11                          | (13.4)      | 52                           | 12         | 7               | (9.9)              | (73.2)                | (81.3)                | 46                                      | 6          | 19              | (26.8)             | (64.8)                | (88.5)                |
| South Dakota                         | 1,400              | 5                                    | (0.4)        | 0                           | (0.0)       | 1                            | 3          | 1               | (20.0)             | (20.0)                | (25.0)                | 1                                       | 0          | 4               | (80.0)             | (20.0)                | (100.0)               |
| Tennessee                            | 140,150            | 291                                  | (0.2)        | 25                          | (8.6)       | 63                           | 29         | 174             | (65.4)             | (23.7)                | (68.5)                | 17                                      | 12         | 237             | (89.1)             | (6.4)                 | (58.6)                |
| Texas                                |                    |                                      |              |                             |             |                              |            |                 |                    |                       |                       |   |            |                 |                    |                       |                       |
| Houston                              | 67,212             | 796                                  | (1.2)        | 29                          | (3.6)       | 220                          | 41         | 506             | (66.0)             | (28.7)                | (84.3)                | 165                                     | 55         | 547             | (71.3)             | (21.5)                | (75.0)                |
| Texas (excludes Houston)             | 195,330            | 1,402                                | (0.7)        | 0                           | (0.0)       | 1,089                        | 146        | 167             | (11.9)             | (77.7)                | (88.2)                | 9                                       | 1          | 1,392           | (99.3)             | (0.6)                 | (90.0)                |
| Utah                                 | 9,007              | 7                                    | (0.1)        | 1                           | (14.3)      | 4                            | 2          | 0               | (0.0)              | (66.7)                | (66.7)                | 4                                       | 0          | 2               | (33.3)             | (66.7)                | (100.0)               |
| Vermont                              | 898                | 1                                    | (0.1)        | 0                           | (0.0)       | 0                            | 1          | 0               | (0.0)              | (0.0)                 | (0.0)                 | 0                                       | 0          | 1               | (100.0)            | (0.0)                 | (0.0)                 |
| Virginia                             | 73,196             | 36                                   | (0.0)        | 5                           | (13.9)      | 24                           | 3          | 4               | (12.9)             | (77.4)                | (88.9)                | 23                                      | 2          | 6               | (19.4)             | (74.2)                | (92.0)                |
| Washington                           | 14,292             | 74                                   | (0.5)        | 5                           | (6.8)       | 61                           | 7          | 1               | (1.4)              | (88.4)                | (89.7)                | 61                                      | 4          | 4               | (5.8)              | (88.4)                | (93.8)                |
| West Virginia                        | 1,768              | 1                                    | (0.1)        | 0                           | (0.0)       | 0                            | 0          | 1               | (100.0)            | (0.0)                 | (0.0)                 | 0                                       | 0          | 1               | (100.0)            | (0.0)                 | (0.0)                 |
| Wisconsin                            | 13,539             | 24                                   | (0.2)        | 0                           | (0.0)       | 12                           | 3          | 9               | (37.5)             | (50.0)                | (80.0)                | 12                                      | 1          | 11              | (45.8)             | (50.0)                | (92.3)                |
| Wyoming                              | 5,027              | 0                                    | (0.0)        | 0                           | (0.0)       | 0                            | 0          | 0               | (0.0)              | (0.0)                 | (0.0)                 | 0                                       | 0          | 0               | (0.0)              | (0.0)                 | (0.0)                 |
| Puerto Rico                          | 35,289             | 80                                   | (0.2)        | 26                          | (32.5)      | 42                           | 6          | 6               | (11.1)             | (77.8)                | (87.5)                | 41                                      | 1          | 12              | (22.2)             | (75.9)                | (97.6)                |
| U.S. Virgin Islands                  | 5,181              | 0                                    | (0.0)        | 0                           | (0.0)       | 0                            | 0          | 0               | (0.0)              | (0.0)                 | (0.0)                 | 0                                       | 0          | 0               | (0.0)              | (0.0)                 | (0.0)                 |

| CDC funded jurisdiction | HIV testing events | Previous HIV positive testing events |              | Already in HIV medical care |             | Linkage to HIV Medical Care* |            |                 |                    |                       |                       | Linkage to HIV Medical Care in 90 days* |            |                 |                    |                       |                       |
|-------------------------|--------------------|--------------------------------------|--------------|-----------------------------|-------------|------------------------------|------------|-----------------|--------------------|-----------------------|-----------------------|---|------------|-----------------|--------------------|-----------------------|-----------------------|
|                         | No.                | No.                                  | (Positive %) | No.                         | (% in care) | Linked                       | Not linked | Missing/invalid | (Missing/Invalid%) | (Minimum Indicator %) | (Maximum Indicator %) | Linked                                  | Not linked | Missing/invalid | (Missing/Invalid%) | (Minimum Indicator %) | (Maximum Indicator %) |
| <b>Total</b>            | 3,343,633          | 8,561                                | (0.3)        | 401                         | (4.7)       | 5,144                        | 1,035      | 1,981           | (24.3)             | (63.0)                | (83.2)                | 3,670                                   | 544        | 3,946           | (48.4)             | (45.0)                | (87.1)                |

\* Persons who reported already being in HIV medical care were excluded from the denominator for both linkage indicators.

**Table 4: HIV testing and care continuum, including HIV positivity and linkage to care, for newly identified HIV-positive persons from 61 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2013**

| CDC funded jurisdiction                             | HIV testing events |               |                  | Linkage to HIV Medical Care |            |                 |                     |                       |                       | Linkage to HIV Medical Care in 90 days |            |                 |                     |                       |                       |
|---|--------------------|---------------|------------------|-----------------------------|------------|-----------------|---------------------|-----------------------|-----------------------|--|------------|-----------------|---------------------|-----------------------|-----------------------|
|   | All testing events | New positives | (New positive %) | Linked                      | Not linked | Missing/invalid | (Missing/invalid %) | (Minimum indicator %) | (Maximum indicator %) | Linked                                 | Not linked | Missing/invalid | (Missing/invalid %) | (Minimum indicator %) | (Maximum indicator %) |
| Alabama   | 94,968             | 448           | (0.5)            | 170                         | 8          | 270             | (60.3)              | (37.9)                | (95.5)                | 70                                     | 6          | 372             | (83.0)              | (15.6)                | (92.1)                |
| Alaska  | 2,244              | 5             | (0.2)            | 5                           | 0          | 0               | (0.0)               | (100.0)               | (100.0)               | 5                                      | 0          | 0               | (0.0)               | (100.0)               | (100.0)               |
| Arizona   | 38,802             | 279           | (0.7)            | 198                         | 75         | 6               | (2.2)               | (71.0)                | (72.5)                | 138                                    | 38         | 103             | (36.9)              | (49.5)                | (78.4)                |
| Arkansas  | 32,087             | 330           | (1.0)            | 10                          | 154        | 166             | (50.3)              | (3.0)                 | (6.1)                 | 10                                     | 0          | 320             | (97.0)              | (3.0)                 | (100.0)               |
| California  |                    |               |                  |                             |            |                 |                     |                       |                       |  |            |                 |                     |                       |                       |
| Los Angeles   | 125,080            | 1,040         | (0.8)            | 704                         | 54         | 282             | (27.1)              | (67.7)                | (92.9)                | 614                                    | 17         | 409             | (39.3)              | (59.0)                | (97.3)                |
| San Francisco                                       | 36,239             | 79            | (0.2)            | 56                          | 22         | 1               | (1.3)               | (70.9)                | (71.8)                | 54                                     | 3          | 22              | (27.8)              | (68.4)                | (94.7)                |
| California (excludes Los Angeles and San Francisco) | 118,712            | 509           | (0.4)            | 350                         | 157        | 2               | (0.4)               | (68.8)                | (69.0)                | 315                                    | 48         | 146             | (28.7)              | (61.9)                | (86.8)                |
| Colorado  | 23,171             | 87            | (0.4)            | 81                          | 6          | 0               | (0.0)               | (93.1)                | (93.1)                | 80                                     | 3          | 4               | (4.6)               | (92.0)                | (96.4)                |
| Connecticut   | 51,658             | 129           | (0.2)            | 109                         | 12         | 8               | (6.2)               | (84.5)                | (90.1)                | 109                                    | 4          | 16              | (12.4)              | (84.5)                | (96.5)                |
| Delaware  | 11,290             | 41            | (0.4)            | 30                          | 7          | 4               | (9.8)               | (73.2)                | (81.1)                | 29                                     | 4          | 8               | (19.5)              | (70.7)                | (87.9)                |
| District of Columbia                                | 123,707            | 479           | (0.4)            | 284                         | 120        | 75              | (15.7)              | (59.3)                | (70.3)                | 208                                    | 95         | 176             | (36.7)              | (43.4)                | (68.6)                |
| Florida   | 425,689            | 2,531         | (0.6)            | 2,028                       | 0          | 503             | (19.9)              | (80.1)                | (100.0)               | 2,028                                  | 0          | 503             | (19.9)              | (80.1)                | (100.0)               |

| CDC funded jurisdiction       | HIV testing events |               |                  | Linkage to HIV Medical Care |            |                 |                     |                       |                       | Linkage to HIV Medical Care in 90 days |            |                 |                     |                       |                       |
|-------------------------------|--------------------|---------------|------------------|-----------------------------|------------|-----------------|---------------------|-----------------------|-----------------------|--|------------|-----------------|---------------------|-----------------------|-----------------------|
|                               | All testing events | New positives | (New positive %) | Linked                      | Not linked | Missing/invalid | (Missing/invalid %) | (Minimum indicator %) | (Maximum indicator %) | Linked                                 | Not linked | Missing/invalid | (Missing/invalid %) | (Minimum indicator %) | (Maximum indicator %) |
| Georgia                       |                    |               |                  |                             |            |                 |                     |                       |                       |  |            |                 |                     |                       |                       |
| Atlanta                       | 37,123             | 627           | (1.7)            | 275                         | 315        | 37              | (5.9)               | (43.9)                | (46.6)                | 257                                    | 150        | 220             | (35.1)              | (41.0)                | (63.1)                |
| Georgia (excludes Atlanta)    | 81,534             | 309           | (0.4)            | 139                         | 67         | 103             | (33.3)              | (45.0)                | (67.5)                | 110                                    | 32         | 167             | (54.0)              | (35.6)                | (77.5)                |
| Hawaii                        | 10,247             | 31            | (0.3)            | 26                          | 1          | 4               | (12.9)              | (83.9)                | (96.3)                | 25                                     | 1          | 5               | (16.1)              | (80.6)                | (96.2)                |
| Idaho                         | 3,582              | 5             | (0.1)            | 5                           | 0          | 0               | (0.0)               | (100.0)               | (100.0)               | 5                                      | 0          | 0               | (0.0)               | (100.0)               | (100.0)               |
| Illinois                      |                    |               |                  |                             |            |                 |                     |                       |                       |  |            |                 |                     |                       |                       |
| Chicago                       | 68,900             | 313           | (0.5)            | 147                         | 47         | 119             | (38.0)              | (47.0)                | (75.8)                | 147                                    | 6          | 160             | (51.1)              | (47.0)                | (96.1)                |
| Illinois (excludes Chicago)   | 7,147              | 80            | (1.1)            | 49                          | 15         | 16              | (20.0)              | (61.3)                | (76.6)                | 43                                     | 12         | 25              | (31.3)              | (53.8)                | (78.2)                |
| Indiana                       | 13,960             | 89            | (0.6)            | 62                          | 11         | 16              | (18.0)              | (69.7)                | (84.9)                | 39                                     | 44         | 6               | (6.7)               | (43.8)                | (47.0)                |
| Iowa                          | 5,100              | 31            | (0.6)            | 21                          | 3          | 7               | (22.6)              | (67.7)                | (87.5)                | 19                                     | 4          | 8               | (25.8)              | (61.3)                | (82.6)                |
| Kansas                        | 19,698             | 43            | (0.2)            | 29                          | 8          | 6               | (14.0)              | (67.4)                | (78.4)                | 29                                     | 2          | 12              | (27.9)              | (67.4)                | (93.5)                |
| Kentucky                      | 26,535             | 124           | (0.5)            | 23                          | 67         | 34              | (27.4)              | (18.5)                | (25.6)                | 23                                     | 1          | 100             | (80.6)              | (18.5)                | (95.8)                |
| Louisiana                     | 94,891             | 318           | (0.3)            | 209                         | 105        | 4               | (1.3)               | (65.7)                | (66.6)                | 190                                    | 67         | 61              | (19.2)              | (59.7)                | (73.9)                |
| Maine                         | 2,838              | 7             | (0.2)            | 7                           | 0          | 0               | (0.0)               | (100.0)               | (100.0)               | 7                                      | 0          | 0               | (0.0)               | (100.0)               | (100.0)               |
| Maryland                      |                    |               |                  |                             |            |                 |                     |                       |                       |  |            |                 |                     |                       |                       |
| Baltimore                     | 48,440             | 428           | (0.9)            | 193                         | 229        | 6               | (1.4)               | (45.1)                | (45.7)                | 183                                    | 172        | 73              | (17.1)              | (42.8)                | (51.5)                |
| Maryland (excludes Baltimore) | 46,572             | 225           | (0.5)            | 114                         | 109        | 2               | (0.9)               | (50.7)                | (51.1)                | 110                                    | 63         | 52              | (23.1)              | (48.9)                | (63.6)                |
| Massachusetts                 | 65,492             | 101           | (0.2)            | 56                          | 44         | 1               | (1.0)               | (55.4)                | (56.0)                | 56                                     | 4          | 41              | (40.6)              | (55.4)                | (93.3)                |
| Michigan                      | 72,860             | 385           | (0.5)            | 0                           | 1          | 384             | (99.7)              | (0.0)                 | (0.0)                 | 0                                      | 1          | 384             | (99.7)              | (0.0)                 | (0.0)                 |
| Minnesota                     | 13,180             | 91            | (0.7)            | 51                          | 28         | 12              | (13.2)              | (56.0)                | (64.6)                | 50                                     | 2          | 39              | (42.9)              | (54.9)                | (96.2)                |
| Mississippi                   | 91,854             | 1,128         | (1.2)            | 811                         | 85         | 232             | (20.6)              | (71.9)                | (90.5)                | 804                                    | 84         | 240             | (21.3)              | (71.3)                | (90.5)                |
| Missouri                      | 85,650             | 183           | (0.2)            | 140                         | 37         | 6               | (3.3)               | (76.5)                | (79.1)                | 135                                    | 22         | 26              | (14.2)              | (73.8)                | (86.0)                |
| Montana                       | 2,237              | 6             | (0.3)            | 4                           | 2          | 0               | (0.0)               | (66.7)                | (66.7)                | 4                                      | 0          | 2               | (33.3)              | (66.7)                | (100.0)               |
| Nebraska                      | 9,157              | 27            | (0.3)            | 20                          | 6          | 1               | (3.7)               | (74.1)                | (76.9)                | 20                                     | 3          | 4               | (14.8)              | (74.1)                | (87.0)                |
| Nevada                        | 23,477             | 208           | (0.9)            | 171                         | 36         | 1               | (0.5)               | (82.2)                | (82.6)                | 167                                    | 22         | 19              | (9.1)               | (80.3)                | (88.4)                |

| CDC funded jurisdiction              | HIV testing events |               |                  | Linkage to HIV Medical Care |            |                 |                     |                       |                       | Linkage to HIV Medical Care in 90 days |            |                 |                     |                       |                       |
|--------------------------------------|--------------------|---------------|------------------|-----------------------------|------------|-----------------|---------------------|-----------------------|-----------------------|--|------------|-----------------|---------------------|-----------------------|-----------------------|
|                                      | All testing events | New positives | (New positive %) | Linked                      | Not linked | Missing/invalid | (Missing/invalid %) | (Minimum indicator %) | (Maximum indicator %) | Linked                                 | Not linked | Missing/invalid | (Missing/invalid %) | (Minimum indicator %) | (Maximum indicator %) |
| New Hampshire                        | 903                | 3             | (0.3)            | 3                           | 0          | 0               | (0.0)               | (100.0)               | (100.0)               | 3                                      | 0          | 0               | (0.0)               | (100.0)               | (100.0)               |
| New Jersey                           | 46,282             | 305           | (0.7)            | 232                         | 71         | 2               | (0.7)               | (76.1)                | (76.6)                | 232                                    | 21         | 52              | (17.0)              | (76.1)                | (91.7)                |
| New Mexico                           | 11,117             | 59            | (0.5)            | 45                          | 14         | 0               | (0.0)               | (76.3)                | (76.3)                | 44                                     | 5          | 10              | (16.9)              | (74.6)                | (89.8)                |
| New York                             |                    |               |                  |                             |            |                 |                     |                       |                       |  |            |                 |                     |                       |                       |
| New York City                        | 125,711            | 722           | (0.6)            | 389                         | 70         | 263             | (36.4)              | (53.9)                | (84.7)                | 368                                    | 49         | 305             | (42.2)              | (51.0)                | (88.2)                |
| New York (excludes New York City)    | 136,063            | 563           | (0.4)            | 500                         | 6          | 57              | (10.1)              | (88.8)                | (98.8)                | 410                                    | 70         | 83              | (14.7)              | (72.8)                | (85.4)                |
| North Carolina                       | 210,364            | 504           | (0.2)            | 5                           | 0          | 499             | (99.0)              | (1.0)                 | (100.0)               | 5                                      | 0          | 499             | (99.0)              | (1.0)                 | (100.0)               |
| North Dakota                         | 4,134              | 5             | (0.1)            | 3                           | 0          | 2               | (40.0)              | (60.0)                | (100.0)               | 3                                      | 0          | 2               | (40.0)              | (60.0)                | (100.0)               |
| Ohio                                 | 60,479             | 309           | (0.5)            | 182                         | 27         | 100             | (32.4)              | (58.9)                | (87.1)                | 155                                    | 13         | 141             | (45.6)              | (50.2)                | (92.3)                |
| Oklahoma                             | 20,767             | 116           | (0.6)            | 31                          | 41         | 44              | (37.9)              | (26.7)                | (43.1)                | 28                                     | 5          | 83              | (71.6)              | (24.1)                | (84.8)                |
| Oregon                               | 11,774             | 72            | (0.6)            | 51                          | 19         | 2               | (2.8)               | (70.8)                | (72.9)                | 48                                     | 17         | 7               | (9.7)               | (66.7)                | (73.8)                |
| Pennsylvania                         |                    |               |                  |                             |            |                 |                     |                       |                       |  |            |                 |                     |                       |                       |
| Pennsylvania (excludes Philadelphia) | 69,411             | 276           | (0.4)            | 185                         | 75         | 16              | (5.8)               | (67.0)                | (71.2)                | 76                                     | 2          | 198             | (71.7)              | (27.5)                | (97.4)                |
| Philadelphia                         | 93,181             | 428           | (0.5)            | 226                         | 131        | 71              | (16.6)              | (52.8)                | (63.3)                | 215                                    | 51         | 162             | (37.9)              | (50.2)                | (80.8)                |
| Rhode Island                         | 4,180              | 24            | (0.6)            | 22                          | 2          | 0               | (0.0)               | (91.7)                | (91.7)                | 21                                     | 1          | 2               | (8.3)               | (87.5)                | (95.5)                |
| South Carolina                       | 72,857             | 203           | (0.3)            | 126                         | 54         | 23              | (11.3)              | (62.1)                | (70.0)                | 118                                    | 25         | 60              | (29.6)              | (58.1)                | (82.5)                |
| South Dakota                         | 1,400              | 6             | (0.4)            | 4                           | 2          | 0               | (0.0)               | (66.7)                | (66.7)                | 4                                      | 0          | 2               | (33.3)              | (66.7)                | (100.0)               |
| Tennessee                            | 140,150            | 788           | (0.6)            | 161                         | 233        | 394             | (50.0)              | (20.4)                | (40.9)                | 21                                     | 113        | 654             | (83.0)              | (2.7)                 | (15.7)                |
| Texas                                |                    |               |                  |                             |            |                 |                     |                       |                       |  |            |                 |                     |                       |                       |
| Houston                              | 67,212             | 111           | (0.2)            | 51                          | 52         | 8               | (7.2)               | (45.9)                | (49.5)                | 39                                     | 12         | 60              | (54.1)              | (35.1)                | (76.5)                |
| Texas (excludes Houston)             | 195,330            | 1,318         | (0.7)            | 823                         | 215        | 280             | (21.2)              | (62.4)                | (79.3)                | 16                                     | 2          | 1,300           | (98.6)              | (1.2)                 | (88.9)                |
| Utah                                 | 9,007              | 45            | (0.5)            | 39                          | 6          | 0               | (0.0)               | (86.7)                | (86.7)                | 38                                     | 2          | 5               | (11.1)              | (84.4)                | (95.0)                |
| Vermont                              | 898                | 4             | (0.4)            | 3                           | 1          | 0               | (0.0)               | (75.0)                | (75.0)                | 3                                      | 0          | 1               | (25.0)              | (75.0)                | (100.0)               |
| Virginia                             | 73,196             | 283           | (0.4)            | 177                         | 65         | 41              | (14.5)              | (62.5)                | (73.1)                | 174                                    | 18         | 91              | (32.2)              | (61.5)                | (90.6)                |
| Washington                           | 14,292             | 127           | (0.9)            | 98                          | 16         | 13              | (10.2)              | (77.2)                | (86.0)                | 97                                     | 9          | 21              | (16.5)              | (76.4)                | (91.5)                |

| CDC funded jurisdiction | HIV testing events |               |                  | Linkage to HIV Medical Care |              |                 |                     |                       |                       | Linkage to HIV Medical Care in 90 days |              |                 |                     |                       |                       |
|-------------------------|--------------------|---------------|------------------|-----------------------------|--------------|-----------------|---------------------|-----------------------|-----------------------|--|--------------|-----------------|---------------------|-----------------------|-----------------------|
|                         | All testing events | New positives | (New positive %) | Linked                      | Not linked   | Missing/invalid | (Missing/invalid %) | (Minimum indicator %) | (Maximum indicator %) | Linked                                 | Not linked   | Missing/invalid | (Missing/invalid %) | (Minimum indicator %) | (Maximum indicator %) |
| West Virginia           | 1,768              | 3             | (0.2)            | 0                           | 1            | 2               | (66.7)              | (0.0)                 | (0.0)                 | 0                                      | 0            | 3               | (100.0)             | (0.0)                 | (0.0)                 |
| Wisconsin               | 13,539             | 97            | (0.7)            | 71                          | 14           | 12              | (12.4)              | (73.2)                | (83.5)                | 71                                     | 7            | 19              | (19.6)              | (73.2)                | (91.0)                |
| Wyoming                 | 5,027              | 6             | (0.1)            | 5                           | 0            | 1               | (16.7)              | (83.3)                | (100.0)               | 5                                      | 0            | 1               | (16.7)              | (83.3)                | (100.0)               |
| Puerto Rico             | 35,289             | 328           | (0.9)            | 273                         | 40           | 15              | (4.6)               | (83.2)                | (87.2)                | 271                                    | 7            | 50              | (15.2)              | (82.6)                | (97.5)                |
| U.S. Virgin Islands     | 5,181              | 5             | (0.1)            | 4                           | 0            | 1               | (20.0)              | (80.0)                | (100.0)               | 4                                      | 0            | 1               | (20.0)              | (80.0)                | (100.0)               |
| <b>Total</b>            | <b>3,343,633</b>   | <b>17,426</b> | <b>(0.5)</b>     | <b>10,286</b>               | <b>2,986</b> | <b>4,154</b>    | <b>(23.8)</b>       | <b>(59.0)</b>         | <b>(77.5)</b>         | <b>8,552</b>                           | <b>1,339</b> | <b>7,535</b>    | <b>(43.2)</b>       | <b>(49.1)</b>         | <b>(86.5)</b>         |

**Table 5: HIV testing and care continuum, including partner and HIV prevention services, for newly identified HIV-positive persons from 61 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2013**

| Characteristics                                     | Referred to Partner Services |              |                  |                      |                       |                       | Interviewed for Partner Services <sup>a</sup> |                 |                  |                      |                       |                       | Referred to HIV Prevention Services |              |                  |             |                       |                       |
|---|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|-----------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|-------------|-----------------------|-----------------------|
|   | Referred                     | Not Referred | Missing /invalid | (Missing /invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Interviewed                                   | Not Interviewed | Missing /invalid | (Missing /invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Referred                            | Not Referred | Missing /invalid | (Missing %) | (Minimum Indicator %) | (Maximum Indicator %) |
| Alabama   | 73                           | 14           | 361              | (80.6)               | (16.3)                | (83.9)                | 71  | 16              | 361              | (80.6)               | (15.8)                | (81.6)                | 162                                 | 0            | 286              | (63.8)      | (36.2)                | (100.0)               |
| Alaska  | 5                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 5   | 0               | 0                | (0.0)                | (100.0)               | (100.0)               | 5                                   | 0            | 0                | (0.0)       | (100.0)               | (100.0)               |
| Arizona   | 242                          | 31           | 6                | (2.2)                | (86.7)                | (88.6)                | 222   | 34              | 23               | (8.2)                | (79.6)                | (86.7)                | 240                                 | 33           | 6                | (2.2)       | (86.0)                | (87.9)                |
| Arkansas  | 173                          | 153          | 4                | (1.2)                | (52.4)                | (53.1)                | 12  | 153             | 165              | (50.0)               | (3.6)                 | (7.3)                 | 21                                  | 151          | 158              | (47.9)      | (6.4)                 | (12.2)                |
| California  |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |             |                       |                       |
| Los Angeles   | 755                          | 241          | 44               | (4.2)                | (72.6)                | (75.8)                | 731   | 265             | 44               | (4.2)                | (70.3)                | (73.4)                | 438                                 | 201          | 401              | (38.6)      | (42.1)                | (68.5)                |
| San Francisco                                       | 74                           | 4            | 1                | (1.3)                | (93.7)                | (94.9)                | 56  | 17              | 6                | (7.6)                | (70.9)                | (76.7)                | 72                                  | 7            | 0                | (0.0)       | (91.1)                | (91.1)                |
| California (excludes Los Angeles and San Francisco) | 463                          | 46           | 0                | (0.0)                | (91.0)                | (91.0)                | 67  | 442             | 0                | (0.0)                | (13.2)                | (13.2)                | 448                                 | 61           | 0                | (0.0)       | (88.0)                | (88.0)                |
| Colorado  | 84                           | 3            | 0                | (0.0)                | (96.6)                | (96.6)                | 80  | 7               | 0                | (0.0)                | (92.0)                | (92.0)                | 84                                  | 3            | 0                | (0.0)       | (96.6)                | (96.6)                |
| Connecticut   | 113                          | 14           | 2                | (1.6)                | (87.6)                | (89.0)                | 98  | 16              | 15               | (11.6)               | (76.0)                | (86.0)                | 79                                  | 42           | 8                | (6.2)       | (61.2)                | (65.3)                |
| Delaware  | 33                           | 7            | 1                | (2.4)                | (80.5)                | (82.5)                | 30  | 8               | 3                | (7.3)                | (73.2)                | (78.9)                | 8                                   | 32           | 1                | (2.4)       | (19.5)                | (20.0)                |
| District of Columbia                                | 239                          | 237          | 3                | (0.6)                | (49.9)                | (50.2)                | 147   | 310             | 22               | (4.6)                | (30.7)                | (32.2)                | 357                                 | 119          | 3                | (0.6)       | (74.5)                | (75.0)                |
| Florida   | 2,423                        | 92           | 16               | (0.6)                | (95.7)                | (96.3)                | 2,423   | 108             | 0                | (0.0)                | (95.7)                | (95.7)                | 1,723                               | 786          | 22               | (0.9)       | (68.1)                | (68.7)                |
| Georgia   |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |             |                       |                       |
| Atlanta   | 417                          | 194          | 16               | (2.6)                | (66.5)                | (68.2)                | 293   | 234             | 100              | (15.9)               | (46.7)                | (55.6)                | 515                                 | 93           | 19               | (3.0)       | (82.1)                | (84.7)                |
| Georgia (excludes Atlanta)                          | 258                          | 41           | 10               | (3.2)                | (83.5)                | (86.3)                | 184   | 55              | 70               | (22.7)               | (59.5)                | (77.0)                | 254                                 | 45           | 10               | (3.2)       | (82.2)                | (84.9)                |
| Hawaii  | 30                           | 0            | 1                | (3.2)                | (96.8)                | (100.0)               | 27  | 3               | 1                | (3.2)                | (87.1)                | (90.0)                | 29                                  | 2            | 0                | (0.0)       | (93.5)                | (93.5)                |
| Idaho   | 5                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 5   | 0               | 0                | (0.0)                | (100.0)               | (100.0)               | 5                                   | 0            | 0                | (0.0)       | (100.0)               | (100.0)               |
| Illinois  |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |             |                       |                       |
| Chicago   | 173                          | 34           | 106              | (33.9)               | (55.3)                | (83.6)                | 91  | 48              | 174              | (55.6)               | (29.1)                | (65.5)                | 189                                 | 27           | 97               | (31.0)      | (60.4)                | (87.5)                |
| Illinois (excludes Chicago)                         | 74                           | 6            | 0                | (0.0)                | (92.5)                | (92.5)                | 55  | 25              | 0                | (0.0)                | (68.8)                | (68.8)                | 50                                  | 30           | 0                | (0.0)       | (62.5)                | (62.5)                |
| Indiana   | 85                           | 1            | 3                | (3.4)                | (95.5)                | (98.8)                | 0   | 1               | 88               | (98.9)               | (0.0)                 | (0.0)                 | 33                                  | 53           | 3                | (3.4)       | (37.1)                | (38.4)                |



| Characteristics                   | Referred to Partner Services |              |                  |                      |                       |                       | Interviewed for Partner Services <sup>a</sup> |                 |                  |                      |                       |                       | Referred to HIV Prevention Services |              |                  |             |                       |                       |
|-----------------------------------|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|-----------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|-------------|-----------------------|-----------------------|
|                                   | Referred                     | Not Referred | Missing /invalid | (Missing /invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Interviewed                                   | Not Interviewed | Missing /invalid | (Missing /invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Referred                            | Not Referred | Missing /invalid | (Missing %) | (Minimum Indicator %) | (Maximum Indicator %) |
| Iowa                              | 22                           | 2            | 7                | (22.6)               | (71.0)                | (91.7)                | 22  | 2               | 7                | (22.6)               | (71.0)                | (91.7)                | 23                                  | 1            | 7                | (22.6)      | (74.2)                | (95.8)                |
| Kansas                            | 42                           | 1            | 0                | (0.0)                | (97.7)                | (97.7)                | 40  | 3               | 0                | (0.0)                | (93.0)                | (93.0)                | 36                                  | 7            | 0                | (0.0)       | (83.7)                | (83.7)                |
| Kentucky                          | 96                           | 18           | 10               | (8.1)                | (77.4)                | (84.2)                | 79  | 20              | 25               | (20.2)               | (63.7)                | (79.8)                | 90                                  | 28           | 6                | (4.8)       | (72.6)                | (76.3)                |
| Louisiana                         | 248                          | 2            | 68               | (21.4)               | (78.0)                | (99.2)                | 63  | 4               | 251              | (78.9)               | (19.8)                | (94.0)                | 0                                   | 2            | 316              | (99.4)      | (0.0)                 | (0.0)                 |
| Maine                             | 7                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 7   | 0               | 0                | (0.0)                | (100.0)               | (100.0)               | 4                                   | 3            | 0                | (0.0)       | (57.1)                | (57.1)                |
| Maryland                          |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |             |                       |                       |
| Baltimore                         | 204                          | 207          | 17               | (4.0)                | (47.7)                | (49.6)                | 148   | 263             | 17               | (4.0)                | (34.6)                | (36.0)                | 55                                  | 0            | 373              | (87.1)      | (12.9)                | (100.0)               |
| Maryland (excludes Baltimore)     | 201                          | 22           | 2                | (0.9)                | (89.3)                | (90.1)                | 153   | 69              | 3                | (1.3)                | (68.0)                | (68.9)                | 53                                  | 0            | 172              | (76.4)      | (23.6)                | (100.0)               |
| Massachusetts                     | 51                           | 26           | 24               | (23.8)               | (50.5)                | (66.2)                | 32  | 32              | 37               | (36.6)               | (31.7)                | (50.0)                | 57                                  | 18           | 26               | (25.7)      | (56.4)                | (76.0)                |
| Michigan                          | 166                          | 0            | 219              | (56.9)               | (43.1)                | (100.0)               | 98  | 35              | 252              | (65.5)               | (25.5)                | (73.7)                | 65                                  | 1            | 319              | (82.9)      | (16.9)                | (98.5)                |
| Minnesota                         | 78                           | 6            | 7                | (7.7)                | (85.7)                | (92.9)                | 54  | 8               | 29               | (31.9)               | (59.3)                | (87.1)                | 77                                  | 5            | 9                | (9.9)       | (84.6)                | (93.9)                |
| Mississippi                       | 729                          | 14           | 385              | (34.1)               | (64.6)                | (98.1)                | 649   | 39              | 440              | (39.0)               | (57.5)                | (94.3)                | 871                                 | 16           | 241              | (21.4)      | (77.2)                | (98.2)                |
| Missouri                          | 161                          | 19           | 3                | (1.6)                | (88.0)                | (89.4)                | 138   | 34              | 11               | (6.0)                | (75.4)                | (80.2)                | 159                                 | 20           | 4                | (2.2)       | (86.9)                | (88.8)                |
| Montana                           | 6                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 6   | 0               | 0                | (0.0)                | (100.0)               | (100.0)               | 6                                   | 0            | 0                | (0.0)       | (100.0)               | (100.0)               |
| Nebraska                          | 25                           | 2            | 0                | (0.0)                | (92.6)                | (92.6)                | 21  | 6               | 0                | (0.0)                | (77.8)                | (77.8)                | 24                                  | 3            | 0                | (0.0)       | (88.9)                | (88.9)                |
| Nevada                            | 192                          | 16           | 0                | (0.0)                | (92.3)                | (92.3)                | 180   | 18              | 10               | (4.8)                | (86.5)                | (90.9)                | 188                                 | 20           | 0                | (0.0)       | (90.4)                | (90.4)                |
| New Hampshire                     | 3                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 3   | 0               | 0                | (0.0)                | (100.0)               | (100.0)               | 3                                   | 0            | 0                | (0.0)       | (100.0)               | (100.0)               |
| New Jersey                        | 286                          | 18           | 1                | (0.3)                | (93.8)                | (94.1)                | 282   | 18              | 5                | (1.6)                | (92.5)                | (94.0)                | 217                                 | 84           | 4                | (1.3)       | (71.1)                | (72.1)                |
| New Mexico                        | 50                           | 9            | 0                | (0.0)                | (84.7)                | (84.7)                | 44  | 15              | 0                | (0.0)                | (74.6)                | (74.6)                | 45                                  | 14           | 0                | (0.0)       | (76.3)                | (76.3)                |
| New York                          |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |             |                       |                       |
| New York City                     | 486                          | 29           | 207              | (28.7)               | (67.3)                | (94.4)                | 430   | 70              | 222              | (30.7)               | (59.6)                | (86.0)                | 485                                 | 88           | 149              | (20.6)      | (67.2)                | (84.6)                |
| New York (excludes New York City) | 470                          | 43           | 50               | (8.9)                | (83.5)                | (91.6)                | 318   | 53              | 192              | (34.1)               | (56.5)                | (85.7)                | 487                                 | 27           | 49               | (8.7)       | (86.5)                | (94.7)                |
| North Carolina                    | 492                          | 0            | 12               | (2.4)                | (97.6)                | (100.0)               | 6   | 0               | 498              | (98.8)               | (1.2)                 | (100.0)               | 6                                   | 0            | 498              | (98.8)      | (1.2)                 | (100.0)               |
| North Dakota                      | 3                            | 0            | 2                | (40.0)               | (60.0)                | (100.0)               | 3   | 2               | 0                | (0.0)                | (60.0)                | (60.0)                | 3                                   | 0            | 2                | (40.0)      | (60.0)                | (100.0)               |
| Ohio                              | 267                          | 19           | 23               | (7.4)                | (86.4)                | (93.4)                | 196   | 30              | 83               | (26.9)               | (63.4)                | (86.7)                | 261                                 | 25           | 23               | (7.4)       | (84.5)                | (91.3)                |

| Characteristics                      | Referred to Partner Services |              |                  |                      |                       |                       | Interviewed for Partner Services <sup>a</sup> |                 |                  |                      |                       |                       | Referred to HIV Prevention Services |              |                  |               |                       |                       |
|--------------------------------------|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|-----------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|---------------|-----------------------|-----------------------|
|                                      | Referred                     | Not Referred | Missing /invalid | (Missing /invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Interviewed                                   | Not Interviewed | Missing /invalid | (Missing /invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Referred                            | Not Referred | Missing /invalid | (Missing %)   | (Minimum Indicator %) | (Maximum Indicator %) |
| Oklahoma                             | 66                           | 6            | 44               | (37.9)               | (56.9)                | (91.7)                | 35  | 9               | 72               | (62.1)               | (30.2)                | (79.5)                | 59                                  | 13           | 44               | (37.9)        | (50.9)                | (81.9)                |
| Oregon                               | 54                           | 10           | 8                | (11.1)               | (75.0)                | (84.4)                | 51  | 19              | 2                | (2.8)                | (70.8)                | (72.9)                | 0                                   | 71           | 1                | (1.4)         | (0.0)                 | (0.0)                 |
| Pennsylvania                         |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |               |                       |                       |
| Pennsylvania (excludes Philadelphia) | 106                          | 167          | 3                | (1.1)                | (38.4)                | (38.8)                | 82  | 175             | 19               | (6.9)                | (29.7)                | (31.9)                | 221                                 | 47           | 8                | (2.9)         | (80.1)                | (82.5)                |
| Philadelphia                         | 279                          | 149          | 0                | (0.0)                | (65.2)                | (65.2)                | 94  | 221             | 113              | (26.4)               | (22.0)                | (29.8)                | 329                                 | 71           | 28               | (6.5)         | (76.9)                | (82.3)                |
| Rhode Island                         | 17                           | 7            | 0                | (0.0)                | (70.8)                | (70.8)                | 17  | 7               | 0                | (0.0)                | (70.8)                | (70.8)                | 24                                  | 0            | 0                | (0.0)         | (100.0)               | (100.0)               |
| South Carolina                       | 155                          | 29           | 19               | (9.4)                | (76.4)                | (84.2)                | 116   | 37              | 50               | (24.6)               | (57.1)                | (75.8)                | 92                                  | 67           | 44               | (21.7)        | (45.3)                | (57.9)                |
| South Dakota                         | 4                            | 2            | 0                | (0.0)                | (66.7)                | (66.7)                | 4   | 2               | 0                | (0.0)                | (66.7)                | (66.7)                | 3                                   | 3            | 0                | (0.0)         | (50.0)                | (50.0)                |
| Tennessee                            | 417                          | 34           | 337              | (42.8)               | (52.9)                | (92.5)                | 22  | 39              | 727              | (92.3)               | (2.8)                 | (36.1)                | 403                                 | 32           | 353              | (44.8)        | (51.1)                | (92.6)                |
| Texas                                |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |               |                       |                       |
| Houston                              | 99                           | 4            | 8                | (7.2)                | (89.2)                | (96.1)                | 99  | 4               | 8                | (7.2)                | (89.2)                | (96.1)                | 99                                  | 4            | 8                | (7.2)         | (89.2)                | (96.1)                |
| Texas (excludes Houston)             | 61                           | 37           | 1,220            | (92.6)               | (4.6)                 | (62.2)                | 51  | 38              | 1,229            | (93.2)               | (3.9)                 | (57.3)                | 45                                  | 52           | 1,221            | (92.6)        | (3.4)                 | (46.4)                |
| Utah                                 | 40                           | 2            | 3                | (6.7)                | (88.9)                | (95.2)                | 38  | 4               | 3                | (6.7)                | (84.4)                | (90.5)                | 45                                  | 0            | 0                | (0.0)         | (100.0)               | (100.0)               |
| Vermont                              | 4                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 3   | 1               | 0                | (0.0)                | (75.0)                | (75.0)                | 4                                   | 0            | 0                | (0.0)         | (100.0)               | (100.0)               |
| Virginia                             | 232                          | 47           | 4                | (1.4)                | (82.0)                | (83.2)                | 195   | 54              | 34               | (12.0)               | (68.9)                | (78.3)                | 212                                 | 65           | 6                | (2.1)         | (74.9)                | (76.5)                |
| Washington                           | 111                          | 15           | 1                | (0.8)                | (87.4)                | (88.1)                | 100   | 17              | 10               | (7.9)                | (78.7)                | (85.5)                | 37                                  | 88           | 2                | (1.6)         | (29.1)                | (29.6)                |
| West Virginia                        | 0                            | 2            | 1                | (33.3)               | (0.0)                 | (0.0)                 | 0   | 2               | 1                | (33.3)               | (0.0)                 | (0.0)                 | 1                                   | 1            | 1                | (33.3)        | (33.3)                | (50.0)                |
| Wisconsin                            | 77                           | 8            | 12               | (12.4)               | (79.4)                | (90.6)                | 60  | 25              | 12               | (12.4)               | (61.9)                | (70.6)                | 42                                  | 42           | 13               | (13.4)        | (43.3)                | (50.0)                |
| Wyoming                              | 6                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 5   | 1               | 0                | (0.0)                | (83.3)                | (83.3)                | 6                                   | 0            | 0                | (0.0)         | (100.0)               | (100.0)               |
| Puerto Rico                          | 292                          | 31           | 5                | (1.5)                | (89.0)                | (90.4)                | 260   | 38              | 30               | (9.1)                | (79.3)                | (87.2)                | 276                                 | 46           | 6                | (1.8)         | (84.1)                | (85.7)                |
| U.S. Virgin Islands                  | 4                            | 0            | 1                | (20.0)               | (80.0)                | (100.0)               | 4   | 0               | 1                | (20.0)               | (80.0)                | (100.0)               | 2                                   | 0            | 3                | (60.0)        | (40.0)                | (100.0)               |
| <b>Total</b>                         | <b>12,028</b>                | <b>2,121</b> | <b>3,277</b>     | <b>(18.8)</b>        | <b>(69.0)</b>         | <b>(85.0)</b>         | <b>8,805</b>                                  | <b>3,156</b>    | <b>5,465</b>     | <b>(31.4)</b>        | <b>(50.5)</b>         | <b>(73.6)</b>         | <b>9,827</b>                        | <b>2,649</b> | <b>4,950</b>     | <b>(28.4)</b> | <b>(56.4)</b>         | <b>(78.8)</b>         |

<sup>a</sup> Interview for partner services was not collected in the 2008-2011 version of the HIV testing form. Therefore, these data are represented as missing/invalid data.

**Table 6: HIV testing and care continuum of testing events, including HIV positivity and linkage to care, by demographic characteristics of newly identified HIV-positive persons from 61 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2013**

| Characteristics                     | HIV testing events |              |                  | Linkage to HIV Medical Care |            |                  |                      |                       |                       | Linkage to HIV Medical Care in 90 days <sup>a</sup> |            |                  |                      |                       |                       |
|-------------------------------------|--------------------|--------------|------------------|-----------------------------|------------|------------------|----------------------|-----------------------|-----------------------|---|------------|------------------|----------------------|-----------------------|-----------------------|
|                                     | All testing events | New positive | (New positive %) | Linked                      | Not linked | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Linked  | Not linked | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) |
| <b>Age at test (years)</b>          |                    |              |                  |                             |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| <13                                 | 5,537              | 25           | (0.5)            | 8                           | 10         | 7                | (28.0)               | (32.0)                | (44.4)                | 5   | 3          | 17               | (68.0)               | (20.0)                | (62.5)                |
| 13-19                               | 279,412            | 579          | (0.2)            | 309                         | 105        | 165              | (28.5)               | (53.4)                | (74.6)                | 260   | 38         | 281              | (48.5)               | (44.9)                | (87.2)                |
| 20-29                               | 1,358,687          | 6,895        | (0.5)            | 4,080                       | 1,152      | 1,663            | (24.1)               | (59.2)                | (78.0)                | 3,387   | 527        | 2,981            | (43.2)               | (49.1)                | (86.5)                |
| 30-39                               | 756,782            | 4,118        | (0.5)            | 2,493                       | 676        | 949              | (23.0)               | (60.5)                | (78.7)                | 2,080   | 268        | 1,770            | (43.0)               | (50.5)                | (88.6)                |
| 40-49                               | 461,696            | 3,056        | (0.7)            | 1,779                       | 548        | 729              | (23.9)               | (58.2)                | (76.5)                | 1,490   | 232        | 1,334            | (43.7)               | (48.8)                | (86.5)                |
| 50+                                 | 456,169            | 2,434        | (0.5)            | 1,416                       | 454        | 564              | (23.2)               | (58.2)                | (75.7)                | 1,160   | 220        | 1,054            | (43.3)               | (47.7)                | (84.1)                |
| Missing/Invalid                     | 25,350             | 319          | (1.3)            | 201                         | 41         | 77               | (24.1)               | (63.0)                | (83.1)                | 170   | 51         | 98               | (30.7)               | (53.3)                | (76.9)                |
| <b>Gender</b>                       |                    |              |                  |                             |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Male                                | 1,632,645          | 13,976       | (0.9)            | 8,412                       | 2,405      | 3,159            | (22.6)               | (60.2)                | (77.8)                | 6,952   | 1,089      | 5,935            | (42.5)               | (49.7)                | (86.5)                |
| Female                              | 1,687,367          | 3,188        | (0.2)            | 1,740                       | 538        | 910              | (28.5)               | (54.6)                | (76.4)                | 1,481   | 232        | 1,475            | (46.3)               | (46.5)                | (86.5)                |
| Transgender                         | 11,047             | 209          | (1.9)            | 118                         | 41         | 51               | (24.4)               | (56.5)                | (74.2)                | 103   | 17         | 89               | (42.6)               | (49.3)                | (85.8)                |
| Declined/Not asked                  | 6,344              | 23           | (0.4)            | 14                          | 3          | 6                | (26.1)               | (60.9)                | (82.4)                | 14  | 1          | 8                | (34.8)               | (60.9)                | (93.3)                |
| Missing/Invalid                     | 6,230              | 30           | (0.5)            | 2                           | 0          | 28               | (93.3)               | (6.7)                 | (100.0)               | 2   | 0          | 28               | (93.3)               | (6.7)                 | (100.0)               |
| <b>Race/Ethnicity</b>               |                    |              |                  |                             |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| White                               | 901,973            | 3,445        | (0.4)            | 2,160                       | 535        | 750              | (21.8)               | (62.7)                | (80.1)                | 1,775   | 193        | 1,477            | (42.9)               | (51.5)                | (90.2)                |
| Black or African American           | 1,506,016          | 9,571        | (0.6)            | 5,121                       | 1,819      | 2,631            | (27.5)               | (53.5)                | (73.8)                | 4,261   | 904        | 4,406            | (46.0)               | (44.5)                | (82.5)                |
| Hispanic or Latino                  | 713,058            | 3,407        | (0.5)            | 2,424                       | 432        | 551              | (16.2)               | (71.1)                | (84.9)                | 2,005   | 166        | 1,236            | (36.3)               | (58.8)                | (92.4)                |
| Asian                               | 66,997             | 243          | (0.4)            | 155                         | 38         | 50               | (20.6)               | (63.8)                | (80.3)                | 131   | 21         | 91               | (37.4)               | (53.9)                | (86.2)                |
| American Indian or Alaska Native    | 16,587             | 55           | (0.3)            | 25                          | 10         | 20               | (36.4)               | (45.5)                | (71.4)                | 25  | 3          | 27               | (49.1)               | (45.5)                | (89.3)                |
| Native Hawaiian or Pacific Islander | 8,466              | 38           | (0.4)            | 23                          | 7          | 8                | (21.1)               | (60.5)                | (76.7)                | 18  | 4          | 16               | (42.1)               | (47.4)                | (81.8)                |
| Multi-race                          | 22,758             | 229          | (1.0)            | 153                         | 38         | 38               | (16.6)               | (66.8)                | (80.1)                | 136   | 14         | 79               | (34.5)               | (59.4)                | (90.7)                |

| Characteristics  | HIV testing events |              |                  | Linkage to HIV Medical Care |            |                  |                      |                       |                       | Linkage to HIV Medical Care in 90 days <sup>a</sup> |            |                  |                      |                       |                       |
|--|--------------------|--------------|------------------|-----------------------------|------------|------------------|----------------------|-----------------------|-----------------------|---|------------|------------------|----------------------|-----------------------|-----------------------|
|  | All testing events | New positive | (New positive %) | Linked                      | Not linked | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Linked  | Not linked | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) |
| Declined   | 16,949             | 58           | (0.3)            | 35                          | 14         | 9                | (15.5)               | (60.3)                | (71.4)                | 33  | 6          | 19               | (32.8)               | (56.9)                | (84.6)                |
| Don't know/Not asked   | 77,533             | 298          | (0.4)            | 145                         | 80         | 73               | (24.5)               | (48.7)                | (64.4)                | 123   | 20         | 155              | (52.0)               | (41.3)                | (86.0)                |
| Missing/Invalid  | 13,296             | 82           | (0.6)            | 45                          | 13         | 24               | (29.3)               | (54.9)                | (77.6)                | 45  | 8          | 29               | (35.4)               | (54.9)                | (84.9)                |
| <b>Region</b>  |                    |              |                  |                             |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Northeast  | 596,617            | 2,562        | (0.4)            | 1,732                       | 412        | 418              | (16.3)               | (67.6)                | (80.8)                | 1,500   | 202        | 860              | (33.6)               | (58.5)                | (88.1)                |
| Midwest  | 375,204            | 1,659        | (0.4)            | 779                         | 199        | 681              | (41.0)               | (47.0)                | (79.7)                | 715   | 116        | 828              | (49.9)               | (43.1)                | (86.0)                |
| South  | 1,896,334          | 10,314       | (0.5)            | 5,660                       | 1,927      | 2,727            | (26.4)               | (54.9)                | (74.6)                | 4,423   | 849        | 5,042            | (48.9)               | (42.9)                | (83.9)                |
| West   | 435,008            | 2,558        | (0.6)            | 1,838                       | 408        | 312              | (12.2)               | (71.9)                | (81.8)                | 1,639   | 165        | 754              | (29.5)               | (64.1)                | (90.9)                |
| U.S. dependent areas   | 40,470             | 333          | (0.8)            | 277                         | 40         | 16               | (4.8)                | (83.2)                | (87.4)                | 275   | 7          | 51               | (15.3)               | (82.6)                | (97.5)                |
| <b>Testing site type</b>                                       |                    |              |                  |                             |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Health care facilities including correctional facility clinics | 2,298,949          | 10,144       | (0.4)            | 6,229                       | 1,807      | 2,108            | (20.8)               | (61.4)                | (77.5)                | 5,212   | 841        | 4,091            | (40.3)               | (51.4)                | (86.1)                |
| Non-health care facilities                                     | 977,645            | 7,029        | (0.7)            | 4,026                       | 1,157      | 1,846            | (26.3)               | (57.3)                | (77.7)                | 3,323   | 483        | 3,223            | (45.9)               | (47.3)                | (87.3)                |
| Missing/Invalid  | 67,039             | 253          | (0.4)            | 31                          | 22         | 200              | (79.1)               | (12.3)                | (58.5)                | 17  | 15         | 221              | (87.4)               | (6.7)                 | (53.1)                |
| <b>Target Population<sup>b</sup></b>                           |                    |              |                  |                             |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Male-to-male sexual contact and injection drug use             | 7,284              | 320          | N/A <sup>c</sup> | 214                         | 55         | 51               | (15.9)               | (66.9)                | (79.6)                | 186   | 26         | 108              | (33.8)               | (58.1)                | (87.7)                |
| Male-to-male sexual contact                                    | 245,467            | 7,576        | N/A <sup>c</sup> | 5,028                       | 1,242      | 1,306            | (17.2)               | (66.4)                | (80.2)                | 4,601   | 607        | 2,368            | (31.3)               | (60.7)                | (88.3)                |
| Transgender and injection drug use                             | 545                | 9            | N/A <sup>c</sup> | 4                           | 2          | 3                | (33.3)               | (44.4)                | (66.7)                | 3   | 1          | 5                | (55.6)               | (33.3)                | (75.0)                |
| Transgender  | 10,502             | 200          | N/A <sup>c</sup> | 114                         | 38         | 48               | (24.0)               | (57.0)                | (75.0)                | 100   | 16         | 84               | (42.0)               | (50.0)                | (86.2)                |
| Injection drug use   | 82,919             | 347          | N/A <sup>c</sup> | 188                         | 73         | 86               | (24.8)               | (54.2)                | (72.0)                | 163   | 32         | 152              | (43.8)               | (47.0)                | (83.6)                |
| Heterosexual males   | 571,333            | 2,505        | N/A <sup>c</sup> | 1,360                       | 498        | 647              | (25.8)               | (54.3)                | (73.2)                | 1,219   | 299        | 987              | (39.4)               | (48.7)                | (80.3)                |
| Heterosexual females   | 829,779            | 2,147        | N/A <sup>c</sup> | 1,250                       | 353        | 544              | (25.3)               | (58.2)                | (78.0)                | 1,162   | 176        | 809              | (37.7)               | (54.1)                | (86.8)                |
| Not asked/No risk/Missing/Invalid                              | 1,595,804          | 4,322        | N/A <sup>c</sup> | 2,128                       | 725        | 1,469            | (34.0)               | (49.2)                | (74.6)                | 1,118   | 182        | 3,022            | (69.9)               | (25.9)                | (86.0)                |
| <b>Rapid test used in testing event</b>                        |                    |              |                  |                             |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Yes  | 1,956,524          | 11,528       | (0.6)            | 7,184                       | 1,978      | 2,366            | (20.5)               | (62.3)                | (78.4)                | 6,239   | 884        | 4,405            | (38.2)               | (54.1)                | (87.6)                |
| No   | 1,385,231          | 5,892        | (0.4)            | 3,102                       | 1,007      | 1,783            | (30.3)               | (52.6)                | (75.5)                | 2,313   | 455        | 3,124            | (53.0)               | (39.3)                | (83.6)                |

| Characteristics | HIV testing events |               |                  | Linkage to HIV Medical Care |              |                  |                      |                       |                       | Linkage to HIV Medical Care in 90 days <sup>a</sup> |              |                  |                      |                       |                       |
|-----------------|--------------------|---------------|------------------|-----------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|--------------|------------------|----------------------|-----------------------|-----------------------|
|                 | All testing events | New positive  | (New positive %) | Linked                      | Not linked   | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Linked  | Not linked   | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) |
| Missing/Invalid | 1,878              | 6             | (0.3)            | 0                           | 1            | 5                | (83.3)               | (0.0)                 | (0.0)                 | 0   | 0            | 6                | (100.0)              | (0.0)                 | (0.0)                 |
| <b>Total</b>    | <b>3,343,633</b>   | <b>17,426</b> | <b>(0.5)</b>     | <b>10,286</b>               | <b>2,986</b> | <b>4,154</b>     | <b>(23.8)</b>        | <b>(59.0)</b>         | <b>(77.5)</b>         | <b>8,552</b>  | <b>1,339</b> | <b>7,535</b>     | <b>(43.2)</b>        | <b>(49.1)</b>         | <b>(86.5)</b>         |

<sup>a</sup> Linkage to HIV medical care within 90 days was not collected in the 2008-2011 version of the HIV testing form. Although this is a required reporting indicator for 2013, data for 4.2% of newly identified HIV-positive individuals in 2013 were reported using the previous version of the testing form. Therefore, these data are represented as missing/invalid data.

<sup>b</sup> Data to identify target populations are not required for persons who test HIV-negative in health care facilities.

<sup>c</sup> N/A: Data to identify target populations are required for all testing events conducted in non-health care facilities but are only required for HIV-positive individuals from health care facilities; therefore the denominator is unknown and we are unable to calculate "New positive %".

**Table 7: HIV testing and care continuum, including partner and HIV prevention services, by demographic characteristics of newly identified HIV-positive persons from 61 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2013**

| Characteristics            | Referred to Partner Services |              |                  |                      |                       |                       | Interviewed for Partner Services <sup>a</sup> |                 |                  |                      |                       |                       | Referred to HIV Prevention Services |              |                  |             |                       |                       |  |
|----------------------------|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|-----------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|-------------|-----------------------|-----------------------|--|
|                            | Referred                     | Not Referred | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Interviewed                                   | Not Interviewed | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Referred                            | Not Referred | Missing /Invalid | (Missing %) | (Minimum Indicator %) | (Maximum Indicator %) |  |
| <b>Age at test (years)</b> |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |             |                       |                       |  |
| <13                        | 12                           | 11           | 2                | (8.0)                | (48.0)                | (52.2)                | 8   | 13              | 4                | (16.0)               | (32.0)                | (38.1)                | 15                                  | 7            | 3                | (12.0)      | (60.0)                | (68.2)                |  |
| 13-19                      | 412                          | 57           | 110              | (19.0)               | (71.2)                | (87.8)                | 272   | 82              | 225              | (38.9)               | (47.0)                | (76.8)                | 315                                 | 83           | 181              | (31.3)      | (54.4)                | (79.1)                |  |
| 20-29                      | 4,922                        | 742          | 1,231            | (17.9)               | (71.4)                | (86.9)                | 3,493   | 1,146           | 2,256            | (32.7)               | (50.7)                | (75.3)                | 4,028                               | 1,018        | 1,849            | (26.8)      | (58.4)                | (79.8)                |  |
| 30-39                      | 2,845                        | 453          | 820              | (19.9)               | (69.1)                | (86.3)                | 2,117   | 713             | 1,288            | (31.3)               | (51.4)                | (74.8)                | 2,278                               | 664          | 1,176            | (28.6)      | (55.3)                | (77.4)                |  |
| 40-49                      | 2,017                        | 442          | 597              | (19.5)               | (66.0)                | (82.0)                | 1,514   | 638             | 904              | (29.6)               | (49.5)                | (70.4)                | 1,614                               | 516          | 926              | (30.3)      | (52.8)                | (75.8)                |  |
| 50+                        | 1,565                        | 392          | 477              | (19.6)               | (64.3)                | (80.0)                | 1,186   | 527             | 721              | (29.6)               | (48.7)                | (69.2)                | 1,319                               | 340          | 775              | (31.8)      | (54.2)                | (79.5)                |  |
| Missing/Invalid            | 255                          | 24           | 40               | (12.5)               | (79.9)                | (91.4)                | 215   | 37              | 67               | (21.0)               | (67.4)                | (85.3)                | 258                                 | 21           | 40               | (12.5)      | (80.9)                | (92.5)                |  |
| <b>Gender</b>              |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |             |                       |                       |  |
| Male                       | 9,714                        | 1,683        | 2,579            | (18.5)               | (69.5)                | (85.2)                | 7,120   | 2,560           | 4,296            | (30.7)               | (50.9)                | (73.6)                | 8,032                               | 2,108        | 3,836            | (27.4)      | (57.5)                | (79.2)                |  |
| Female                     | 2,118                        | 402          | 668              | (21.0)               | (66.4)                | (84.0)                | 1,563   | 549             | 1,076            | (33.8)               | (49.0)                | (74.0)                | 1,669                               | 490          | 1,029            | (32.3)      | (52.4)                | (77.3)                |  |
| Transgender                | 148                          | 33           | 28               | (13.4)               | (70.8)                | (81.8)                | 103   | 43              | 63               | (30.1)               | (49.2)                | (70.5)                | 111                                 | 44           | 54               | (25.8)      | (53.1)                | (71.6)                |  |
| Declined/Not asked         | 18                           | 3            | 2                | (8.7)                | (78.3)                | (85.7)                | 17  | 4               | 2                | (8.7)                | (73.9)                | (81.0)                | 15                                  | 6            | 2                | (8.7)       | (65.2)                | (71.4)                |  |
| Missing/Invalid            | 30                           | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 2   | 0               | 28               | (93.3)               | (6.7)                 | (100.0)               | 0                                   | 1            | 29               | (96.7)      | (0.0)                 | (0.0)                 |  |

| Characteristics  | Referred to Partner Services |              |                  |                      |                       |                       | Interviewed for Partner Services <sup>a</sup> |                 |                  |                      |                       |                       | Referred to HIV Prevention Services |              |                  |             |                       |                       |
|--|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|-----------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|-------------|-----------------------|-----------------------|
|  | Referred                     | Not Referred | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Interviewed                                   | Not Interviewed | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Referred                            | Not Referred | Missing /Invalid | (Missing %) | (Minimum Indicator %) | (Maximum Indicator %) |
| <b>Race/Ethnicity</b>  |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |             |                       |                       |
| White  | 2,498                        | 383          | 564              | (16.4)               | (72.5)                | (86.7)                | 1,806   | 628             | 1,011            | (29.3)               | (52.4)                | (74.2)                | 2,009                               | 577          | 859              | (24.9)      | (58.3)                | (77.7)                |
| Black or African American                                      | 6,298                        | 1,230        | 2,043            | (21.3)               | (65.8)                | (83.7)                | 4,441   | 1,682           | 3,448            | (36.0)               | (46.4)                | (72.5)                | 5,126                               | 1,308        | 3,137            | (32.8)      | (53.6)                | (79.7)                |
| Hispanic or Latino   | 2,513                        | 346          | 548              | (16.1)               | (73.8)                | (87.9)                | 2,049   | 598             | 760              | (22.3)               | (60.1)                | (77.4)                | 2,077                               | 589          | 741              | (21.7)      | (61.0)                | (77.9)                |
| Asian  | 185                          | 30           | 28               | (11.5)               | (76.1)                | (86.0)                | 134   | 60              | 49               | (20.2)               | (55.1)                | (69.1)                | 156                                 | 33           | 54               | (22.2)      | (64.2)                | (82.5)                |
| American Indian or Alaska Native                               | 42                           | 4            | 9                | (16.4)               | (76.4)                | (91.3)                | 26  | 6               | 23               | (41.8)               | (47.3)                | (81.3)                | 27                                  | 5            | 23               | (41.8)      | (49.1)                | (84.4)                |
| Native Hawaiian or Pacific Islander                            | 27                           | 9            | 2                | (5.3)                | (71.1)                | (75.0)                | 19  | 15              | 4                | (10.5)               | (50.0)                | (55.9)                | 20                                  | 10           | 8                | (21.1)      | (52.6)                | (66.7)                |
| Multi-race   | 190                          | 19           | 20               | (8.7)                | (83.0)                | (90.9)                | 140   | 37              | 52               | (22.7)               | (61.1)                | (79.1)                | 165                                 | 38           | 26               | (11.4)      | (72.1)                | (81.3)                |
| Declined   | 42                           | 14           | 2                | (3.4)                | (72.4)                | (75.0)                | 35  | 20              | 3                | (5.2)                | (60.3)                | (63.6)                | 36                                  | 13           | 9                | (15.5)      | (62.1)                | (73.5)                |
| Don't know/Not asked   | 158                          | 85           | 55               | (18.5)               | (53.0)                | (65.0)                | 103   | 107             | 88               | (29.5)               | (34.6)                | (49.0)                | 155                                 | 74           | 69               | (23.2)      | (52.0)                | (67.7)                |
| Missing/Invalid  | 75                           | 1            | 6                | (7.3)                | (91.5)                | (98.7)                | 52  | 3               | 27               | (32.9)               | (63.4)                | (94.5)                | 56                                  | 2            | 24               | (29.3)      | (68.3)                | (96.6)                |
| <b>Region</b>  |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |             |                       |                       |
| Northeast  | 1,822                        | 453          | 287              | (11.2)               | (71.1)                | (80.1)                | 1,366   | 593             | 603              | (23.5)               | (53.3)                | (69.7)                | 1,910                               | 380          | 272              | (10.6)      | (74.6)                | (83.4)                |
| Midwest  | 1,177                        | 100          | 382              | (23.0)               | (70.9)                | (92.2)                | 782   | 221             | 656              | (39.5)               | (47.1)                | (78.0)                | 965                                 | 217          | 477              | (28.8)      | (58.2)                | (81.6)                |
| South  | 6,616                        | 1,160        | 2,538            | (24.6)               | (64.1)                | (85.1)                | 4,776   | 1,462           | 4,076            | (39.5)               | (46.3)                | (76.6)                | 5,026                               | 1,506        | 3,782            | (36.7)      | (48.7)                | (76.9)                |
| West   | 2,117                        | 377          | 64               | (2.5)                | (82.8)                | (84.9)                | 1,617   | 842             | 99               | (3.9)                | (63.2)                | (65.8)                | 1,648                               | 500          | 410              | (16.0)      | (64.4)                | (76.7)                |
| U.S. dependent areas   | 296                          | 31           | 6                | (1.8)                | (88.9)                | (90.5)                | 264   | 38              | 31               | (9.3)                | (79.3)                | (87.4)                | 278                                 | 46           | 9                | (2.7)       | (83.5)                | (85.8)                |
| <b>Testing site type</b>                                       |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |             |                       |                       |
| Health care facilities including correctional facility clinics | 6,971                        | 1,182        | 1,991            | (19.6)               | (68.7)                | (85.5)                | 5,306   | 1,805           | 3,033            | (29.9)               | (52.3)                | (74.6)                | 6,103                               | 1,516        | 2,525            | (24.9)      | (60.2)                | (80.1)                |
| Non-health care facilities                                     | 5,024                        | 914          | 1,091            | (15.5)               | (71.5)                | (84.6)                | 3,488   | 1,324           | 2,217            | (31.5)               | (49.6)                | (72.5)                | 3,682                               | 1,128        | 2,219            | (31.6)      | (52.4)                | (76.5)                |
| Missing/Invalid  | 33                           | 25           | 195              | (77.1)               | (13.0)                | (56.9)                | 11  | 27              | 215              | (85.0)               | (4.3)                 | (28.9)                | 42                                  | 5            | 206              | (81.4)      | (16.6)                | (89.4)                |
| <b>Target Population<sup>b</sup></b>                           |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |             |                       |                       |
| Male-to-male sexual contact and injection drug use             | 256                          | 30           | 34               | (10.6)               | (80.0)                | (89.5)                | 189   | 66              | 65               | (20.3)               | (59.1)                | (74.1)                | 206                                 | 47           | 67               | (20.9)      | (64.4)                | (81.4)                |
| Male-to-male sexual contact                                    | 6,278                        | 752          | 546              | (7.2)                | (82.9)                | (89.3)                | 4,708   | 1,353           | 1,515            | (20.0)               | (62.1)                | (77.7)                | 5,253                               | 1,209        | 1,114            | (14.7)      | (69.3)                | (81.3)                |

| Characteristics                         | Referred to Partner Services |              |                  |                      |                       |                       | Interviewed for Partner Services <sup>a</sup> |                 |                  |                      |                       |                       | Referred to HIV Prevention Services |              |                  |               |                       |                       |
|---|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|-----------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|---------------|-----------------------|-----------------------|
|   | Referred                     | Not Referred | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Interviewed                                   | Not Interviewed | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Referred                            | Not Referred | Missing /Invalid | (Missing %)   | (Minimum Indicator %) | (Maximum Indicator %) |
| Transgender and injection drug use      | 6                            | 1            | 2                | (22.2)               | (66.7)                | (85.7)                | 6   | 1               | 2                | (22.2)               | (66.7)                | (85.7)                | 3                                   | 3            | 3                | (33.3)        | (33.3)                | (50.0)                |
| Transgender                             | 142                          | 32           | 26               | (13.0)               | (71.0)                | (81.6)                | 97  | 42              | 61               | (30.5)               | (48.5)                | (69.8)                | 108                                 | 41           | 51               | (25.5)        | (54.0)                | (72.5)                |
| Injection drug use                      | 247                          | 36           | 64               | (18.4)               | (71.2)                | (87.3)                | 175   | 66              | 106              | (30.5)               | (50.4)                | (72.6)                | 198                                 | 52           | 97               | (28.0)        | (57.1)                | (79.2)                |
| Heterosexual males                      | 1,835                        | 345          | 325              | (13.0)               | (73.3)                | (84.2)                | 1,345   | 464             | 696              | (27.8)               | (53.7)                | (74.4)                | 1,420                               | 401          | 684              | (27.3)        | (56.7)                | (78.0)                |
| Heterosexual females                    | 1,645                        | 252          | 250              | (11.6)               | (76.6)                | (86.7)                | 1,229   | 357             | 561              | (26.1)               | (57.2)                | (77.5)                | 1,284                               | 362          | 501              | (23.3)        | (59.8)                | (78.0)                |
| Not asked/No risk/Missing/Invalid       | 1,619                        | 673          | 2,030            | (47.0)               | (37.5)                | (70.6)                | 1,056   | 807             | 2,459            | (56.9)               | (24.4)                | (56.7)                | 1,355                               | 534          | 2,433            | (56.3)        | (31.4)                | (71.7)                |
| <b>Rapid test used in testing event</b> |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |               |                       |                       |
| Yes                                     | 8,492                        | 1,408        | 1,628            | (14.1)               | (73.7)                | (85.8)                | 6,465   | 2,239           | 2,824            | (24.5)               | (56.1)                | (74.3)                | 6,938                               | 1,959        | 2,631            | (22.8)        | (60.2)                | (78.0)                |
| No                                      | 3,531                        | 713          | 1,648            | (28.0)               | (59.9)                | (83.2)                | 2,340   | 917             | 2,635            | (44.7)               | (39.7)                | (71.8)                | 2,889                               | 690          | 2,313            | (39.3)        | (49.0)                | (80.7)                |
| Missing/Invalid                         | 5                            | 0            | 1                | (16.7)               | (83.3)                | (100.0)               | 0   | 0               | 6                | (100.0)              | (0.0)                 | (0.0)                 | 0                                   | 0            | 6                | (100.0)       | (0.0)                 | (0.0)                 |
| <b>Total</b>                            | <b>12,028</b>                | <b>2,121</b> | <b>3,277</b>     | <b>(18.8)</b>        | <b>(69.0)</b>         | <b>(85.0)</b>         | <b>8,805</b>                                  | <b>3,156</b>    | <b>5,465</b>     | <b>(31.4)</b>        | <b>(50.5)</b>         | <b>(73.6)</b>         | <b>9,827</b>                        | <b>2,649</b> | <b>4,950</b>     | <b>(28.4)</b> | <b>(56.4)</b>         | <b>(78.8)</b>         |

<sup>a</sup> Interviewed for partner services was not collected in the 2008-2011 version of the HIV testing form. Therefore, these data are represented as missing/invalid data.

<sup>b</sup> Data to identify target populations are not required for persons who test HIV-negative in health care facilities.

**Table 8: HIV testing and care continuum, including HIV positivity and linkage to care, by demographic characteristics of newly identified HIV-positive persons tested in health care and correctional facilities from 61 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2013**

| Characteristics                     | HIV testing events |              |                  | Linkage to HIV Medical Care |            |                  |                      |                       |                       | Linkage to HIV Medical Care in 90 days <sup>a</sup> |            |                  |                      |                       |                       |
|-------------------------------------|--------------------|--------------|------------------|-----------------------------|------------|------------------|----------------------|-----------------------|-----------------------|---|------------|------------------|----------------------|-----------------------|-----------------------|
|                                     | All testing events | New positive | (New positive %) | Linked                      | Not linked | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Linked  | Not linked | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) |
| <b>Age at test (years)</b>          |                    |              |                  |                             |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| <13                                 | 3,391              | 15           | (0.4)            | 5                           | 5          | 5                | (33.3)               | (33.3)                | (50.0)                | 3   | 2          | 10               | (66.7)               | (20.0)                | (60.0)                |
| 13-19                               | 192,395            | 337          | (0.2)            | 187                         | 67         | 83               | (24.6)               | (55.5)                | (73.6)                | 154   | 24         | 159              | (47.2)               | (45.7)                | (86.5)                |
| 20-29                               | 931,897            | 3,964        | (0.4)            | 2,425                       | 718        | 821              | (20.7)               | (61.2)                | (77.2)                | 2,027   | 363        | 1,574            | (39.7)               | (51.1)                | (84.8)                |
| 30-39                               | 517,695            | 2,438        | (0.5)            | 1,500                       | 446        | 492              | (20.2)               | (61.5)                | (77.1)                | 1,273   | 187        | 978              | (40.1)               | (52.2)                | (87.2)                |
| 40-49                               | 310,179            | 1,721        | (0.6)            | 1,053                       | 313        | 355              | (20.6)               | (61.2)                | (77.1)                | 882   | 125        | 714              | (41.5)               | (51.2)                | (87.6)                |
| 50+                                 | 321,025            | 1,369        | (0.4)            | 861                         | 225        | 283              | (20.7)               | (62.9)                | (79.3)                | 704   | 94         | 571              | (41.7)               | (51.4)                | (88.2)                |
| Missing/Invalid                     | 22,367             | 300          | (1.3)            | 198                         | 33         | 69               | (23.0)               | (66.0)                | (85.7)                | 169   | 46         | 85               | (28.3)               | (56.3)                | (78.6)                |
| <b>Gender</b>                       |                    |              |                  |                             |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Male                                | 1,038,430          | 7,976        | (0.8)            | 5,010                       | 1,443      | 1,523            | (19.1)               | (62.8)                | (77.6)                | 4,160   | 699        | 3,117            | (39.1)               | (52.2)                | (85.6)                |
| Female                              | 1,246,697          | 2,036        | (0.2)            | 1,146                       | 348        | 542              | (26.6)               | (56.3)                | (76.7)                | 988   | 133        | 915              | (44.9)               | (48.5)                | (88.1)                |
| Transgender                         | 4,955              | 92           | (1.9)            | 62                          | 14         | 16               | (17.4)               | (67.4)                | (81.6)                | 53  | 8          | 31               | (33.7)               | (57.6)                | (86.9)                |
| Declined/Not asked                  | 4,227              | 16           | (0.4)            | 10                          | 2          | 4                | (25.0)               | (62.5)                | (83.3)                | 10  | 1          | 5                | (31.3)               | (62.5)                | (90.9)                |
| Missing/Invalid                     | 4,640              | 24           | (0.5)            | 1                           | 0          | 23               | (95.8)               | (4.2)                 | (100.0)               | 1   | 0          | 23               | (95.8)               | (4.2)                 | (100.0)               |
| <b>Race/Ethnicity</b>               |                    |              |                  |                             |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| White                               | 623,701            | 2,003        | (0.3)            | 1,258                       | 351        | 394              | (19.7)               | (62.8)                | (78.2)                | 1,024   | 120        | 859              | (42.9)               | (51.1)                | (89.5)                |
| Black or African American           | 1,050,918          | 5,617        | (0.5)            | 3,147                       | 1,065      | 1,405            | (25.0)               | (56.0)                | (74.7)                | 2,636   | 554        | 2,427            | (43.2)               | (46.9)                | (82.6)                |
| Hispanic or Latino                  | 478,689            | 1,920        | (0.4)            | 1,447                       | 257        | 216              | (11.3)               | (75.4)                | (84.9)                | 1,222   | 115        | 583              | (30.4)               | (63.6)                | (91.4)                |
| Asian                               | 44,282             | 124          | (0.3)            | 86                          | 22         | 16               | (12.9)               | (69.4)                | (79.6)                | 72  | 12         | 40               | (32.3)               | (58.1)                | (85.7)                |
| American Indian or Alaska Native    | 7,688              | 22           | (0.3)            | 13                          | 4          | 5                | (22.7)               | (59.1)                | (76.5)                | 13  | 1          | 8                | (36.4)               | (59.1)                | (92.9)                |
| Native Hawaiian or Pacific Islander | 4,655              | 19           | (0.4)            | 13                          | 3          | 3                | (15.8)               | (68.4)                | (81.3)                | 10  | 4          | 5                | (26.3)               | (52.6)                | (71.4)                |
| Multi-race                          | 12,221             | 127          | (1.0)            | 90                          | 21         | 16               | (12.6)               | (70.9)                | (81.1)                | 79  | 11         | 37               | (29.1)               | (62.2)                | (87.8)                |



| Characteristics                                    | HIV testing events |               |                  | Linkage to HIV Medical Care |              |                  |                      |                       |                       | Linkage to HIV Medical Care in 90 days <sup>a</sup> |            |                  |                      |                       |                       |
|--|--------------------|---------------|------------------|-----------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|------------|------------------|----------------------|-----------------------|-----------------------|
|  | All testing events | New positive  | (New positive %) | Linked                      | Not linked   | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Linked  | Not linked | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) |
| Declined   | 13,526             | 38            | (0.3)            | 25                          | 11           | 2                | (5.3)                | (65.8)                | (69.4)                | 24  | 5          | 9                | (23.7)               | (63.2)                | (82.8)                |
| Don't know/Not asked                               | 59,251             | 214           | (0.4)            | 108                         | 62           | 44               | (20.6)               | (50.5)                | (63.5)                | 90  | 12         | 112              | (52.3)               | (42.1)                | (88.2)                |
| Missing/Invalid                                    | 4,018              | 60            | (1.5)            | 42                          | 11           | 7                | (11.7)               | (70.0)                | (79.2)                | 42  | 7          | 11               | (18.3)               | (70.0)                | (85.7)                |
| <b>Region</b>                                      |                    |               |                  |                             |              |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Northeast  | 416,750            | 1,497         | (0.4)            | 1,158                       | 254          | 85               | (5.7)                | (77.4)                | (82.0)                | 982   | 137        | 378              | (25.3)               | (65.6)                | (87.8)                |
| Midwest  | 280,063            | 962           | (0.3)            | 433                         | 91           | 438              | (45.5)               | (45.0)                | (82.6)                | 403   | 42         | 517              | (53.7)               | (41.9)                | (90.6)                |
| South  | 1,288,229          | 5,940         | (0.5)            | 3,267                       | 1,201        | 1,472            | (24.8)               | (55.0)                | (73.1)                | 2,571   | 557        | 2,812            | (47.3)               | (43.3)                | (82.2)                |
| West   | 283,926            | 1,461         | (0.5)            | 1,121                       | 235          | 105              | (7.2)                | (76.7)                | (82.7)                | 1,007   | 100        | 354              | (24.2)               | (68.9)                | (91.0)                |
| U.S. dependent areas                               | 29,981             | 284           | (0.9)            | 250                         | 26           | 8                | (2.8)                | (88.0)                | (90.6)                | 249   | 5          | 30               | (10.6)               | (87.7)                | (98.0)                |
| <b>Target Population<sup>b</sup></b>               |                    |               |                  |                             |              |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Male-to-male sexual contact and injection drug use | 2,950              | 169           | N/A <sup>c</sup> | 118                         | 33           | 18               | (10.7)               | (69.8)                | (78.1)                | 108   | 17         | 44               | (26.0)               | (63.9)                | (86.4)                |
| Male-to-male sexual contact                        | 95,026             | 3,962         | N/A <sup>c</sup> | 2,807                       | 670          | 485              | (12.2)               | (70.8)                | (80.7)                | 2,561   | 406        | 995              | (25.1)               | (64.6)                | (86.3)                |
| Transgender and injection drug use                 | 192                | 4             | N/A <sup>c</sup> | 1                           | 2            | 1                | (25.0)               | (25.0)                | (33.3)                | 0   | 1          | 3                | (75.0)               | (0.0)                 | (0.0)                 |
| Transgender  | 4,763              | 88            | N/A <sup>c</sup> | 61                          | 12           | 15               | (17.0)               | (69.3)                | (83.6)                | 53  | 7          | 28               | (31.8)               | (60.2)                | (88.3)                |
| Injection drug use                                 | 42,900             | 143           | N/A <sup>c</sup> | 82                          | 33           | 28               | (19.6)               | (57.3)                | (71.3)                | 70  | 15         | 58               | (40.6)               | (49.0)                | (82.4)                |
| Heterosexual males                                 | 335,471            | 1,478         | N/A <sup>c</sup> | 901                         | 285          | 292              | (19.8)               | (61.0)                | (76.0)                | 809   | 174        | 495              | (33.5)               | (54.7)                | (82.3)                |
| Heterosexual females                               | 552,727            | 1,365         | N/A <sup>c</sup> | 840                         | 215          | 310              | (22.7)               | (61.5)                | (79.6)                | 778   | 103        | 484              | (35.5)               | (57.0)                | (88.3)                |
| Not asked/No risk/Missing/Invalid                  | 1,264,920          | 2,935         | N/A <sup>c</sup> | 1,419                       | 557          | 959              | (32.7)               | (48.3)                | (71.8)                | 833   | 118        | 1,984            | (67.6)               | (28.4)                | (87.6)                |
| <b>Rapid test used in testing event</b>            |                    |               |                  |                             |              |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Yes  | 1,231,009          | 5,933         | (0.5)            | 3,866                       | 1,071        | 996              | (16.8)               | (65.2)                | (78.3)                | 3,383   | 546        | 2,004            | (33.8)               | (57.0)                | (86.1)                |
| No   | 1,066,162          | 4,205         | (0.4)            | 2,363                       | 735          | 1,107            | (26.3)               | (56.2)                | (76.3)                | 1,829   | 295        | 2,081            | (49.5)               | (43.5)                | (86.1)                |
| Missing/Invalid                                    | 1,778              | 6             | (0.3)            | 0                           | 1            | 5                | (83.3)               | (0.0)                 | (0.0)                 | 0   | 0          | 6                | (100.0)              | (0.0)                 | ....                  |
| <b>Total</b>                                       | <b>2,298,949</b>   | <b>10,144</b> | <b>(0.4)</b>     | <b>6,229</b>                | <b>1,807</b> | <b>2,108</b>     | <b>(20.8)</b>        | <b>(61.4)</b>         | <b>(77.5)</b>         | <b>5,212</b>  | <b>841</b> | <b>4,091</b>     | <b>(40.3)</b>        | <b>(51.4)</b>         | <b>(86.1)</b>         |

<sup>a</sup> Linkage to HIV medical care within 90 days was not collected in the 2008-2011 version of the HIV testing form. Although this is a required reporting indicator for 2012, data for 7.3% of newly identified HIV-positive individuals identified in health care and correctional facilities in 2013 were reported using the previous version of the testing form. These data are represented as missing/invalid data.

<sup>b</sup> Data to identify target populations are not required for persons who test HIV-negative in health care facilities.

<sup>c</sup> N/A: Data to identify target populations are required for all testing events conducted in non-health care facilities but are only required for HIV-positive individuals from health care facilities; therefore the denominator is unknown and we are unable to calculate "New positive %".

**Table 9: HIV testing and care continuum, including partner and HIV prevention services, by demographic characteristics of newly identified HIV-positive persons tested in health care and correctional facilities from 61 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2013**

| Characteristics                     | Referred to Partner Services |              |                  |                      |                       |                       | Interviewed for Partner Services <sup>a</sup> |                 |                  |                      |                       |                       | Referred to HIV Prevention Services |              |                  |             |                       |                       |
|-------------------------------------|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|-----------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|-------------|-----------------------|-----------------------|
|                                     | Referred                     | Not Referred | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Interviewed                                   | Not Interviewed | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Referred                            | Not Referred | Missing /Invalid | (Missing %) | (Minimum Indicator %) | (Maximum Indicator %) |
| <b>Age at test (years)</b>          |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |             |                       |                       |
| <13                                 | 6                            | 8            | 1                | (6.7)                | (40.0)                | (42.9)                | 4   | 8               | 3                | (20.0)               | (26.7)                | (33.3)                | 7                                   | 6            | 2                | (13.3)      | (46.7)                | (53.8)                |
| 13-19                               | 240                          | 34           | 63               | (18.7)               | (71.2)                | (87.6)                | 167   | 48              | 122              | (36.2)               | (49.6)                | (77.7)                | 200                                 | 46           | 91               | (27.0)      | (59.3)                | (81.3)                |
| 20-29                               | 2,855                        | 407          | 702              | (17.7)               | (72.0)                | (87.5)                | 2,141   | 634             | 1,189            | (30.0)               | (54.0)                | (77.2)                | 2,455                               | 570          | 939              | (23.7)      | (61.9)                | (81.2)                |
| 30-39                               | 1,634                        | 287          | 517              | (21.2)               | (67.0)                | (85.1)                | 1,242   | 445             | 751              | (30.8)               | (50.9)                | (73.6)                | 1,399                               | 417          | 622              | (25.5)      | (57.4)                | (77.0)                |
| 40-49                               | 1,118                        | 243          | 360              | (20.9)               | (65.0)                | (82.1)                | 858   | 369             | 494              | (28.7)               | (49.9)                | (69.9)                | 978                                 | 293          | 450              | (26.1)      | (56.8)                | (76.9)                |
| 50+                                 | 874                          | 185          | 310              | (22.6)               | (63.8)                | (82.5)                | 684   | 272             | 413              | (30.2)               | (50.0)                | (71.5)                | 815                                 | 169          | 385              | (28.1)      | (59.5)                | (82.8)                |
| Missing/Invalid                     | 244                          | 18           | 38               | (12.7)               | (81.3)                | (93.1)                | 210   | 29              | 61               | (20.3)               | (70.0)                | (87.9)                | 249                                 | 15           | 36               | (12.0)      | (83.0)                | (94.3)                |
| <b>Gender</b>                       |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |             |                       |                       |
| Male                                | 5,540                        | 912          | 1,524            | (19.1)               | (69.5)                | (85.9)                | 4,251   | 1,440           | 2,285            | (28.6)               | (53.3)                | (74.7)                | 4,923                               | 1,194        | 1,859            | (23.3)      | (61.7)                | (80.5)                |
| Female                              | 1,322                        | 256          | 458              | (22.5)               | (64.9)                | (83.8)                | 988   | 348             | 700              | (34.4)               | (48.5)                | (74.0)                | 1,117                               | 300          | 619              | (30.4)      | (54.9)                | (78.8)                |
| Transgender                         | 73                           | 12           | 7                | (7.6)                | (79.3)                | (85.9)                | 54  | 15              | 23               | (25.0)               | (58.7)                | (78.3)                | 53                                  | 18           | 21               | (22.8)      | (57.6)                | (74.6)                |
| Declined/Not asked                  | 12                           | 2            | 2                | (12.5)               | (75.0)                | (85.7)                | 12  | 2               | 2                | (12.5)               | (75.0)                | (85.7)                | 10                                  | 4            | 2                | (12.5)      | (62.5)                | (71.4)                |
| Missing/Invalid                     | 24                           | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 1   | 0               | 23               | (95.8)               | (4.2)                 | (100.0)               | 0                                   | 0            | 24               | (100.0)     | (0.0)                 | ....                  |
| <b>Race/Ethnicity</b>               |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |             |                       |                       |
| White                               | 1,418                        | 249          | 336              | (16.8)               | (70.8)                | (85.1)                | 1,030   | 396             | 577              | (28.8)               | (51.4)                | (72.2)                | 1,220                               | 349          | 434              | (21.7)      | (60.9)                | (77.8)                |
| Black or African American           | 3,675                        | 616          | 1,326            | (23.6)               | (65.4)                | (85.6)                | 2,750   | 875             | 1,992            | (35.5)               | (49.0)                | (75.9)                | 3,217                               | 715          | 1,685            | (30.0)      | (57.3)                | (81.8)                |
| Hispanic or Latino                  | 1,455                        | 204          | 261              | (13.6)               | (75.8)                | (87.7)                | 1,206   | 366             | 348              | (18.1)               | (62.8)                | (76.7)                | 1,262                               | 334          | 324              | (16.9)      | (65.7)                | (79.1)                |
| Asian                               | 91                           | 19           | 14               | (11.3)               | (73.4)                | (82.7)                | 71  | 34              | 19               | (15.3)               | (57.3)                | (67.6)                | 85                                  | 20           | 19               | (15.3)      | (68.5)                | (81.0)                |
| American Indian or Alaska Native    | 16                           | 2            | 4                | (18.2)               | (72.7)                | (88.9)                | 12  | 3               | 7                | (31.8)               | (54.5)                | (80.0)                | 15                                  | 3            | 4                | (18.2)      | (68.2)                | (83.3)                |
| Native Hawaiian or Pacific Islander | 11                           | 6            | 2                | (10.5)               | (57.9)                | (64.7)                | 7   | 10              | 2                | (10.5)               | (36.8)                | (41.2)                | 9                                   | 8            | 2                | (10.5)      | (47.4)                | (52.9)                |
| Multi-race                          | 112                          | 8            | 7                | (5.5)                | (88.2)                | (93.3)                | 89  | 20              | 18               | (14.2)               | (70.1)                | (81.7)                | 101                                 | 15           | 11               | (8.7)       | (79.5)                | (87.1)                |

| Characteristics                                    | Referred to Partner Services |              |                  |                      |                       |                       | Interviewed for Partner Services <sup>a</sup> |                 |                  |                      |                       |                       | Referred to HIV Prevention Services |              |                  |               |                       |                       |
|--|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|-----------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|---------------|-----------------------|-----------------------|
|  | Referred                     | Not Referred | Missing /Invalid | (Missing /invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Interviewed                                   | Not Interviewed | Missing /Invalid | (Missing /invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Referred                            | Not Referred | Missing /Invalid | (Missing %)   | (Minimum Indicator %) | (Maximum Indicator %) |
| Declined   | 29                           | 7            | 2                | (5.3)                | (76.3)                | (80.6)                | 23  | 13              | 2                | (5.3)                | (60.5)                | (63.9)                | 28                                  | 9            | 1                | (2.6)         | (73.7)                | (75.7)                |
| Don't know/Not asked                               | 110                          | 70           | 34               | (15.9)               | (51.4)                | (61.1)                | 70  | 85              | 59               | (27.6)               | (32.7)                | (45.2)                | 115                                 | 61           | 38               | (17.8)        | (53.7)                | (65.3)                |
| Missing/Invalid                                    | 54                           | 1            | 5                | (8.3)                | (90.0)                | (98.2)                | 48  | 3               | 9                | (15.0)               | (80.0)                | (94.1)                | 51                                  | 2            | 7                | (11.7)        | (85.0)                | (96.2)                |
| <b>Region</b>                                      |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |               |                       |                       |
| Northeast  | 1,115                        | 330          | 52               | (3.5)                | (74.5)                | (77.2)                | 889   | 416             | 192              | (12.8)               | (59.4)                | (68.1)                | 1,148                               | 267          | 82               | (5.5)         | (76.7)                | (81.1)                |
| Midwest  | 658                          | 44           | 260              | (27.0)               | (68.4)                | (93.7)                | 475   | 90              | 397              | (41.3)               | (49.4)                | (84.1)                | 566                                 | 66           | 330              | (34.3)        | (58.8)                | (89.6)                |
| South  | 3,761                        | 548          | 1,631            | (27.5)               | (63.3)                | (87.3)                | 2,832   | 735             | 2,373            | (39.9)               | (47.7)                | (79.4)                | 3,140                               | 796          | 2,004            | (33.7)        | (52.9)                | (79.8)                |
| West   | 1,178                        | 241          | 42               | (2.9)                | (80.6)                | (83.0)                | 861   | 539             | 61               | (4.2)                | (58.9)                | (61.5)                | 1,004                               | 357          | 100              | (6.8)         | (68.7)                | (73.8)                |
| U.S. dependent areas                               | 259                          | 19           | 6                | (2.1)                | (91.2)                | (93.2)                | 249   | 25              | 10               | (3.5)                | (87.7)                | (90.9)                | 245                                 | 30           | 9                | (3.2)         | (86.3)                | (89.1)                |
| <b>Target Population<sup>b</sup></b>               |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |               |                       |                       |
| Male-to-male sexual contact and injection drug use | 143                          | 13           | 13               | (7.7)                | (84.6)                | (91.7)                | 104   | 35              | 30               | (17.8)               | (61.5)                | (74.8)                | 119                                 | 29           | 21               | (12.4)        | (70.4)                | (80.4)                |
| Male-to-male sexual contact                        | 3,415                        | 280          | 267              | (6.7)                | (86.2)                | (92.4)                | 2,691   | 631             | 640              | (16.2)               | (67.9)                | (81.0)                | 3,002                               | 569          | 391              | (9.9)         | (75.8)                | (84.1)                |
| Transgender and injection drug use                 | 2                            | 1            | 1                | (25.0)               | (50.0)                | (66.7)                | 2   | 1               | 1                | (25.0)               | (50.0)                | (66.7)                | 1                                   | 2            | 1                | (25.0)        | (25.0)                | (33.3)                |
| Transgender  | 71                           | 11           | 6                | (6.8)                | (80.7)                | (86.6)                | 52  | 14              | 22               | (25.0)               | (59.1)                | (78.8)                | 52                                  | 16           | 20               | (22.7)        | (59.1)                | (76.5)                |
| Injection drug use                                 | 96                           | 14           | 33               | (23.1)               | (67.1)                | (87.3)                | 70  | 26              | 47               | (32.9)               | (49.0)                | (72.9)                | 77                                  | 27           | 39               | (27.3)        | (53.8)                | (74.0)                |
| Heterosexual males                                 | 1,104                        | 158          | 216              | (14.6)               | (74.7)                | (87.5)                | 850   | 243             | 385              | (26.0)               | (57.5)                | (77.8)                | 948                                 | 225          | 305              | (20.6)        | (64.1)                | (80.8)                |
| Heterosexual females                               | 1,035                        | 149          | 181              | (13.3)               | (75.8)                | (87.4)                | 786   | 216             | 363              | (26.6)               | (57.6)                | (78.4)                | 873                                 | 212          | 280              | (20.5)        | (64.0)                | (80.5)                |
| Not asked/No risk/Missing/Invalid                  | 1,105                        | 556          | 1,274            | (43.4)               | (37.6)                | (66.5)                | 751   | 639             | 1,545            | (52.6)               | (25.6)                | (54.0)                | 1,031                               | 436          | 1,468            | (50.0)        | (35.1)                | (70.3)                |
| <b>Rapid test used in testing event</b>            |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |               |                       |                       |
| Yes  | 4,447                        | 733          | 753              | (12.7)               | (75.0)                | (85.8)                | 3,555   | 1,191           | 1,187            | (20.0)               | (59.9)                | (74.9)                | 3,758                               | 1,003        | 1,172            | (19.8)        | (63.3)                | (78.9)                |
| No   | 2,519                        | 449          | 1,237            | (29.4)               | (59.9)                | (84.9)                | 1,751   | 614             | 1,840            | (43.8)               | (41.6)                | (74.0)                | 2,345                               | 513          | 1,347            | (32.0)        | (55.8)                | (82.1)                |
| Missing/Invalid                                    | 5                            | 0            | 1                | (16.7)               | (83.3)                | (100.0)               | 0   | 0               | 6                | (100.0)              | (0.0)                 | ....                  | 0                                   | 0            | 6                | (100.0)       | (0.0)                 | ....                  |
| <b>Total</b>                                       | <b>6,971</b>                 | <b>1,182</b> | <b>1,991</b>     | <b>(19.6)</b>        | <b>(68.7)</b>         | <b>(85.5)</b>         | <b>5,306</b>                                  | <b>1,805</b>    | <b>3,033</b>     | <b>(29.9)</b>        | <b>(52.3)</b>         | <b>(74.6)</b>         | <b>6,103</b>                        | <b>1,516</b> | <b>2,525</b>     | <b>(24.9)</b> | <b>(60.2)</b>         | <b>(80.1)</b>         |

<sup>a</sup> Interview for partner services was not collected in the 2008-2011 version of the HIV testing form. Therefore, these data are represented as missing/invalid data

<sup>b</sup> Data to identify target populations are not required for persons who test HIV-negative in health care facilities.

**Table 10: HIV testing and care continuum, including HIV positivity and linkage to care, by demographic characteristics of newly identified HIV-positive persons tested in non-health care facilities from 61 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2013**

| Characteristics                     | HIV testing events |              |                  | Linkage to HIV Medical Care |            |                  |                      |                       |                       | Linkage to HIV Medical Care in 90 days <sup>a</sup> |            |                  |                      |                       |                       |
|-------------------------------------|--------------------|--------------|------------------|-----------------------------|------------|------------------|----------------------|-----------------------|-----------------------|---|------------|------------------|----------------------|-----------------------|-----------------------|
|                                     | All testing events | New positive | (New positive %) | Linked                      | Not linked | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Linked  | Not linked | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) |
| <b>Age at test (years)</b>          |                    |              |                  |                             |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| <13                                 | 2,040              | 10           | (0.5)            | 3                           | 5          | 2                | (20.0)               | (30.0)                | (37.5)                | 2   | 1          | 7                | (70.0)               | (20.0)                | (66.7)                |
| 13-19                               | 80,712             | 229          | (0.3)            | 120                         | 38         | 71               | (31.0)               | (52.4)                | (75.9)                | 104   | 14         | 111              | (48.5)               | (45.4)                | (88.1)                |
| 20-29                               | 397,430            | 2,819        | (0.7)            | 1,638                       | 431        | 750              | (26.6)               | (58.1)                | (79.2)                | 1,351   | 164        | 1,304            | (46.3)               | (47.9)                | (89.2)                |
| 30-39                               | 224,851            | 1,636        | (0.7)            | 988                         | 227        | 421              | (25.7)               | (60.4)                | (81.3)                | 805   | 80         | 751              | (45.9)               | (49.2)                | (91.0)                |
| 40-49                               | 143,267            | 1,285        | (0.9)            | 725                         | 224        | 336              | (26.1)               | (56.4)                | (76.4)                | 608   | 98         | 579              | (45.1)               | (47.3)                | (86.1)                |
| 50+                                 | 126,419            | 1,032        | (0.8)            | 549                         | 224        | 259              | (25.1)               | (53.2)                | (71.0)                | 452   | 122        | 458              | (44.4)               | (43.8)                | (78.7)                |
| Missing/Invalid                     | 2,926              | 18           | (0.6)            | 3                           | 8          | 7                | (38.9)               | (16.7)                | (27.3)                | 1   | 4          | 13               | (72.2)               | (5.6)                 | (20.0)                |
| <b>Gender</b>                       |                    |              |                  |                             |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Male                                | 564,842            | 5,801        | (1.0)            | 3,377                       | 948        | 1,476            | (25.4)               | (58.2)                | (78.1)                | 2,776   | 379        | 2,646            | (45.6)               | (47.9)                | (88.0)                |
| Female                              | 403,638            | 1,098        | (0.3)            | 588                         | 182        | 328              | (29.9)               | (53.6)                | (76.4)                | 492   | 95         | 511              | (46.5)               | (44.8)                | (83.8)                |
| Transgender                         | 6,024              | 117          | (1.9)            | 56                          | 26         | 35               | (29.9)               | (47.9)                | (68.3)                | 50  | 9          | 58               | (49.6)               | (42.7)                | (84.7)                |
| Declined/Not asked                  | 1,587              | 7            | (0.4)            | 4                           | 1          | 2                | (28.6)               | (57.1)                | (80.0)                | 4   | 0          | 3                | (42.9)               | (57.1)                | (100.0)               |
| Missing/Invalid                     | 1,554              | 6            | (0.4)            | 1                           | 0          | 5                | (83.3)               | (16.7)                | (100.0)               | 1   | 0          | 5                | (83.3)               | (16.7)                | (100.0)               |
| <b>Race/Ethnicity</b>               |                    |              |                  |                             |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| White                               | 259,958            | 1,401        | (0.5)            | 899                         | 180        | 322              | (23.0)               | (64.2)                | (83.3)                | 750   | 71         | 580              | (41.4)               | (53.5)                | (91.4)                |
| Black or African American           | 414,038            | 3,766        | (0.9)            | 1,951                       | 740        | 1,075            | (28.5)               | (51.8)                | (72.5)                | 1,610   | 338        | 1,818            | (48.3)               | (42.8)                | (82.6)                |
| Hispanic or Latino                  | 229,917            | 1,476        | (0.6)            | 974                         | 174        | 328              | (22.2)               | (66.0)                | (84.8)                | 783   | 51         | 642              | (43.5)               | (53.0)                | (93.9)                |
| Asian                               | 22,392             | 119          | (0.5)            | 69                          | 16         | 34               | (28.6)               | (58.0)                | (81.2)                | 59  | 9          | 51               | (42.9)               | (49.6)                | (86.8)                |
| American Indian or Alaska Native    | 8,743              | 33           | (0.4)            | 12                          | 6          | 15               | (45.5)               | (36.4)                | (66.7)                | 12  | 2          | 19               | (57.6)               | (36.4)                | (85.7)                |
| Native Hawaiian or Pacific Islander | 3,735              | 19           | (0.5)            | 10                          | 4          | 5                | (26.3)               | (52.6)                | (71.4)                | 8   | 0          | 11               | (57.9)               | (42.1)                | (100.0)               |
| Multi-race                          | 10,502             | 101          | (1.0)            | 63                          | 17         | 21               | (20.8)               | (62.4)                | (78.8)                | 57  | 3          | 41               | (40.6)               | (56.4)                | (95.0)                |

| Characteristics                                    | HIV testing events |              |                  | Linkage to HIV Medical Care |              |                  |                      |                       |                       | Linkage to HIV Medical Care in 90 days <sup>a</sup> |            |                  |                      |                       |                       |
|--|--------------------|--------------|------------------|-----------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|------------|------------------|----------------------|-----------------------|-----------------------|
|  | All testing events | New positive | (New positive %) | Linked                      | Not linked   | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Linked  | Not linked | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) |
| Declined   | 3,414              | 19           | (0.6)            | 9                           | 3            | 7                | (36.8)               | (47.4)                | (75.0)                | 9   | 1          | 9                | (47.4)               | (47.4)                | (90.0)                |
| Don't know/Not asked                               | 15,668             | 73           | (0.5)            | 36                          | 15           | 22               | (30.1)               | (49.3)                | (70.6)                | 32  | 7          | 34               | (46.6)               | (43.8)                | (82.1)                |
| Missing/Invalid                                    | 9,278              | 22           | (0.2)            | 3                           | 2            | 17               | (77.3)               | (13.6)                | (60.0)                | 3   | 1          | 18               | (81.8)               | (13.6)                | (75.0)                |
| <b>Region</b>                                      |                    |              |                  |                             |              |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Northeast  | 176,376            | 1,048        | (0.6)            | 568                         | 153          | 327              | (31.2)               | (54.2)                | (78.8)                | 518   | 65         | 465              | (44.4)               | (49.4)                | (88.9)                |
| Midwest  | 84,289             | 675          | (0.8)            | 340                         | 108          | 227              | (33.6)               | (50.4)                | (75.9)                | 306   | 74         | 295              | (43.7)               | (45.3)                | (80.5)                |
| South  | 555,514            | 4,160        | (0.7)            | 2,374                       | 709          | 1,077            | (25.9)               | (57.1)                | (77.0)                | 1,841   | 277        | 2,042            | (49.1)               | (44.3)                | (86.9)                |
| West   | 150,977            | 1,097        | (0.7)            | 717                         | 173          | 207              | (18.9)               | (65.4)                | (80.6)                | 632   | 65         | 400              | (36.5)               | (57.6)                | (90.7)                |
| U.S. dependent areas                               | 10,489             | 49           | (0.5)            | 27                          | 14           | 8                | (16.3)               | (55.1)                | (65.9)                | 26  | 2          | 21               | (42.9)               | (53.1)                | (92.9)                |
| <b>Target Population<sup>b</sup></b>               |                    |              |                  |                             |              |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Male-to-male sexual contact and injection drug use | 4,292              | 150          | (3.5)            | 96                          | 22           | 32               | (21.3)               | (64.0)                | (81.4)                | 78  | 9          | 63               | (42.0)               | (52.0)                | (89.7)                |
| Male-to-male sexual contact                        | 148,982            | 3,531        | (2.4)            | 2,208                       | 570          | 753              | (21.3)               | (62.5)                | (79.5)                | 2,027   | 199        | 1,305            | (37.0)               | (57.4)                | (91.1)                |
| Transgender and injection drug use                 | 350                | 5            | (1.4)            | 3                           | 0            | 2                | (40.0)               | (60.0)                | (100.0)               | 3   | 0          | 2                | (40.0)               | (60.0)                | (100.0)               |
| Transgender  | 5,674              | 112          | (2.0)            | 53                          | 26           | 33               | (29.5)               | (47.3)                | (67.1)                | 47  | 9          | 56               | (50.0)               | (42.0)                | (83.9)                |
| Injection drug use                                 | 39,239             | 202          | (0.5)            | 106                         | 40           | 56               | (27.7)               | (52.5)                | (72.6)                | 93  | 17         | 92               | (45.5)               | (46.0)                | (84.5)                |
| Heterosexual males                                 | 225,500            | 980          | (0.4)            | 456                         | 203          | 321              | (32.8)               | (46.5)                | (69.2)                | 408   | 118        | 454              | (46.3)               | (41.6)                | (77.6)                |
| Heterosexual females                               | 259,963            | 753          | (0.3)            | 410                         | 130          | 213              | (28.3)               | (54.4)                | (75.9)                | 384   | 69         | 300              | (39.8)               | (51.0)                | (84.8)                |
| Not asked/No risk/Missing/Invalid                  | 293,645            | 1,296        | (0.4)            | 694                         | 166          | 436              | (33.6)               | (53.5)                | (80.7)                | 283   | 62         | 951              | (73.4)               | (21.8)                | (82.0)                |
| <b>Rapid test used in testing event</b>            |                    |              |                  |                             |              |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Yes  | 698,047            | 5,494        | (0.8)            | 3,294                       | 902          | 1,298            | (23.6)               | (60.0)                | (78.5)                | 2,841   | 333        | 2,320            | (42.2)               | (51.7)                | (89.5)                |
| No   | 279,567            | 1,535        | (0.5)            | 732                         | 255          | 548              | (35.7)               | (47.7)                | (74.2)                | 482   | 150        | 903              | (58.8)               | (31.4)                | (76.3)                |
| Missing/Invalid                                    | 31                 | 0            | (0.0)            | 0                           | 0            | 0                | ....                 | ....                  | ....                  | 0   | 0          | 0                | ....                 | ....                  | ....                  |
| <b>Total</b>                                       | <b>977,645</b>     | <b>7,029</b> | <b>(0.7)</b>     | <b>4,026</b>                | <b>1,157</b> | <b>1,846</b>     | <b>(26.3)</b>        | <b>(57.3)</b>         | <b>(77.7)</b>         | <b>3,323</b>  | <b>483</b> | <b>3,223</b>     | <b>(45.9)</b>        | <b>(47.3)</b>         | <b>(87.3)</b>         |

<sup>a</sup> Linkage to HIV medical care within 90 days was not collected in the 2008-2011 version of the HIV testing form. Although this is a required reporting indicator for 2013, data for 0.01% of newly identified HIV-positive individuals identified in non-health care facilities in 2013 were reported using the previous version of the testing form. Therefore, these data are represented as missing/invalid data.

<sup>b</sup> Data to identify target populations are not required for persons who test HIV-negative in health care facilities.

**Table 11: HIV testing and care continuum, including partner and HIV prevention services, by demographic characteristics of newly identified HIV-positive persons tested in non-health care facilities from 61 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2013**

| Characteristics                     | Referred to Partner Services |              |                  |                      |                       |                       | Interviewed for Partner Services <sup>a</sup> |                 |                  |                      |                       |                       | Referred to HIV Prevention Services |              |                  |             |                       |                       |
|-------------------------------------|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|-----------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|-------------|-----------------------|-----------------------|
|                                     | Referred                     | Not Referred | Missing /invalid | (Missing /invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Interviewed                                   | Not Interviewed | Missing /invalid | (Missing /invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Referred                            | Not Referred | Missing /invalid | (Missing %) | (Minimum Indicator %) | (Maximum Indicator %) |
| <b>Age at test (years)</b>          |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |             |                       |                       |
| <13                                 | 6                            | 3            | 1                | (10.0)               | (60.0)                | (66.7)                | 4   | 5               | 1                | (10.0)               | (40.0)                | (44.4)                | 8                                   | 1            | 1                | (10.0)      | (80.0)                | (88.9)                |
| 13-19                               | 167                          | 23           | 39               | (17.0)               | (72.9)                | (87.9)                | 104   | 34              | 91               | (39.7)               | (45.4)                | (75.4)                | 109                                 | 37           | 83               | (36.2)      | (47.6)                | (74.7)                |
| 20-29                               | 2,048                        | 329          | 442              | (15.7)               | (72.6)                | (86.2)                | 1,349   | 504             | 966              | (34.3)               | (47.9)                | (72.8)                | 1,552                               | 446          | 821              | (29.1)      | (55.1)                | (77.7)                |
| 30-39                               | 1,207                        | 163          | 266              | (16.3)               | (73.8)                | (88.1)                | 873   | 265             | 498              | (30.4)               | (53.4)                | (76.7)                | 873                                 | 246          | 517              | (31.6)      | (53.4)                | (78.0)                |
| 40-49                               | 896                          | 189          | 200              | (15.6)               | (69.7)                | (82.6)                | 653   | 259             | 373              | (29.0)               | (50.8)                | (71.6)                | 634                                 | 221          | 430              | (33.5)      | (49.3)                | (74.2)                |
| 50+                                 | 690                          | 201          | 141              | (13.7)               | (66.9)                | (77.4)                | 501   | 249             | 282              | (27.3)               | (48.5)                | (66.8)                | 498                                 | 171          | 363              | (35.2)      | (48.3)                | (74.4)                |
| Missing/Invalid                     | 10                           | 6            | 2                | (11.1)               | (55.6)                | (62.5)                | 4   | 8               | 6                | (33.3)               | (22.2)                | (33.3)                | 8                                   | 6            | 4                | (22.2)      | (44.4)                | (57.1)                |
| <b>Gender</b>                       |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |             |                       |                       |
| Male                                | 4,143                        | 754          | 904              | (15.6)               | (71.4)                | (84.6)                | 2,858   | 1,101           | 1,842            | (31.8)               | (49.3)                | (72.2)                | 3,074                               | 911          | 1,816            | (31.3)      | (53.0)                | (77.1)                |
| Female                              | 794                          | 138          | 166              | (15.1)               | (72.3)                | (85.2)                | 575   | 193             | 330              | (30.1)               | (52.4)                | (74.9)                | 545                                 | 188          | 365              | (33.2)      | (49.6)                | (74.4)                |
| Transgender                         | 75                           | 21           | 21               | (17.9)               | (64.1)                | (78.1)                | 49  | 28              | 40               | (34.2)               | (41.9)                | (63.6)                | 58                                  | 26           | 33               | (28.2)      | (49.6)                | (69.0)                |
| Declined/Not asked                  | 6                            | 1            | 0                | (0.0)                | (85.7)                | (85.7)                | 5   | 2               | 0                | (0.0)                | (71.4)                | (71.4)                | 5                                   | 2            | 0                | (0.0)       | (71.4)                | (71.4)                |
| Missing/Invalid                     | 6                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 1   | 0               | 5                | (83.3)               | (16.7)                | (100.0)               | 0                                   | 1            | 5                | (83.3)      | (0.0)                 | (0.0)                 |
| <b>Race/Ethnicity</b>               |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |             |                       |                       |
| White                               | 1,078                        | 129          | 194              | (13.8)               | (76.9)                | (89.3)                | 775   | 226             | 400              | (28.6)               | (55.3)                | (77.4)                | 786                                 | 227          | 388              | (27.7)      | (56.1)                | (77.6)                |
| Black or African American           | 2,597                        | 600          | 569              | (15.1)               | (69.0)                | (81.2)                | 1,684   | 792             | 1,290            | (34.3)               | (44.7)                | (68.0)                | 1,878                               | 591          | 1,297            | (34.4)      | (49.9)                | (76.1)                |
| Hispanic or Latino                  | 1,054                        | 140          | 282              | (19.1)               | (71.4)                | (88.3)                | 841   | 230             | 405              | (27.4)               | (57.0)                | (78.5)                | 810                                 | 254          | 412              | (27.9)      | (54.9)                | (76.1)                |
| Asian                               | 94                           | 11           | 14               | (11.8)               | (79.0)                | (89.5)                | 63  | 26              | 30               | (25.2)               | (52.9)                | (70.8)                | 71                                  | 13           | 35               | (29.4)      | (59.7)                | (84.5)                |
| American Indian or Alaska Native    | 26                           | 2            | 5                | (15.2)               | (78.8)                | (92.9)                | 14  | 3               | 16               | (48.5)               | (42.4)                | (82.4)                | 12                                  | 2            | 19               | (57.6)      | (36.4)                | (85.7)                |
| Native Hawaiian or Pacific Islander | 16                           | 3            | 0                | (0.0)                | (84.2)                | (84.2)                | 12  | 5               | 2                | (10.5)               | (63.2)                | (70.6)                | 11                                  | 2            | 6                | (31.6)      | (57.9)                | (84.6)                |
| Multi-race                          | 78                           | 11           | 12               | (11.9)               | (77.2)                | (87.6)                | 51  | 17              | 33               | (32.7)               | (50.5)                | (75.0)                | 64                                  | 23           | 14               | (13.9)      | (63.4)                | (73.6)                |

| Characteristics                                    | Referred to Partner Services |              |                  |                      |                       |                       | Interviewed for Partner Services <sup>a</sup> |                 |                  |                      |                       |                       | Referred to HIV Prevention Services |              |                  |               |                       |                       |
|--|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|-----------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|---------------|-----------------------|-----------------------|
|  | Referred                     | Not Referred | Missing /invalid | (Missing /invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Interviewed                                   | Not Interviewed | Missing /invalid | (Missing /invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Referred                            | Not Referred | Missing /invalid | (Missing %)   | (Minimum Indicator %) | (Maximum Indicator %) |
| Declined   | 13                           | 6            | 0                | (0.0)                | (68.4)                | (68.4)                | 12  | 6               | 1                | (5.3)                | (63.2)                | (66.7)                | 7                                   | 4            | 8                | (42.1)        | (36.8)                | (63.6)                |
| Don't know/Not asked                               | 47                           | 12           | 14               | (19.2)               | (64.4)                | (79.7)                | 32  | 19              | 22               | (30.1)               | (43.8)                | (62.7)                | 38                                  | 12           | 23               | (31.5)        | (52.1)                | (76.0)                |
| Missing/Invalid                                    | 21                           | 0            | 1                | (4.5)                | (95.5)                | (100.0)               | 4   | 0               | 18               | (81.8)               | (18.2)                | (100.0)               | 5                                   | 0            | 17               | (77.3)        | (22.7)                | (100.0)               |
| <b>Region</b>                                      |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |               |                       |                       |
| Northeast  | 704                          | 113          | 231              | (22.0)               | (67.2)                | (86.2)                | 474   | 167             | 407              | (38.8)               | (45.2)                | (73.9)                | 751                                 | 108          | 189              | (18.0)        | (71.7)                | (87.4)                |
| Midwest  | 497                          | 56           | 122              | (18.1)               | (73.6)                | (89.9)                | 303   | 131             | 241              | (35.7)               | (44.9)                | (69.8)                | 377                                 | 151          | 147              | (21.8)        | (55.9)                | (71.4)                |
| South  | 2,847                        | 597          | 716              | (17.2)               | (68.4)                | (82.7)                | 1,940   | 710             | 1,510            | (36.3)               | (46.6)                | (73.2)                | 1,877                               | 710          | 1,573            | (37.8)        | (45.1)                | (72.6)                |
| West   | 939                          | 136          | 22               | (2.0)                | (85.6)                | (87.3)                | 756   | 303             | 38               | (3.5)                | (68.9)                | (71.4)                | 644                                 | 143          | 310              | (28.3)        | (58.7)                | (81.8)                |
| U.S. dependent areas                               | 37                           | 12           | 0                | (0.0)                | (75.5)                | (75.5)                | 15  | 13              | 21               | (42.9)               | (30.6)                | (53.6)                | 33                                  | 16           | 0                | (0.0)         | (67.3)                | (67.3)                |
| <b>Target Population<sup>b</sup></b>               |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |               |                       |                       |
| Male-to-male sexual contact and injection drug use | 113                          | 17           | 20               | (13.3)               | (75.3)                | (86.9)                | 85  | 31              | 34               | (22.7)               | (56.7)                | (73.3)                | 87                                  | 18           | 45               | (30.0)        | (58.0)                | (82.9)                |
| Male-to-male sexual contact                        | 2,848                        | 470          | 213              | (6.0)                | (80.7)                | (85.8)                | 2,011   | 718             | 802              | (22.7)               | (57.0)                | (73.7)                | 2,236                               | 640          | 655              | (18.5)        | (63.3)                | (77.7)                |
| Transgender and injection drug use                 | 4                            | 0            | 1                | (20.0)               | (80.0)                | (100.0)               | 4   | 0               | 1                | (20.0)               | (80.0)                | (100.0)               | 2                                   | 1            | 2                | (40.0)        | (40.0)                | (66.7)                |
| Transgender  | 71                           | 21           | 20               | (17.9)               | (63.4)                | (77.2)                | 45  | 28              | 39               | (34.8)               | (40.2)                | (61.6)                | 56                                  | 25           | 31               | (27.7)        | (50.0)                | (69.1)                |
| Injection drug use                                 | 151                          | 22           | 29               | (14.4)               | (74.8)                | (87.3)                | 105   | 40              | 57               | (28.2)               | (52.0)                | (72.4)                | 121                                 | 25           | 56               | (27.7)        | (59.9)                | (82.9)                |
| Heterosexual males                                 | 727                          | 178          | 75               | (7.7)                | (74.2)                | (80.3)                | 491   | 212             | 277              | (28.3)               | (50.1)                | (69.8)                | 467                                 | 173          | 340              | (34.7)        | (47.7)                | (73.0)                |
| Heterosexual females                               | 609                          | 97           | 47               | (6.2)                | (80.9)                | (86.3)                | 443   | 135             | 175              | (23.2)               | (58.8)                | (76.6)                | 408                                 | 148          | 197              | (26.2)        | (54.2)                | (73.4)                |
| Not asked/No risk/Missing/Invalid                  | 501                          | 109          | 686              | (52.9)               | (38.7)                | (82.1)                | 304   | 160             | 832              | (64.2)               | (23.5)                | (65.5)                | 305                                 | 98           | 893              | (68.9)        | (23.5)                | (75.7)                |
| <b>Rapid test used in testing event</b>            |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |               |                       |                       |
| Yes  | 4,032                        | 669          | 793              | (14.4)               | (73.4)                | (85.8)                | 2,905   | 1,041           | 1,548            | (28.2)               | (52.9)                | (73.6)                | 3,162                               | 956          | 1,376            | (25.0)        | (57.6)                | (76.8)                |
| No   | 992                          | 245          | 298              | (19.4)               | (64.6)                | (80.2)                | 583   | 283             | 669              | (43.6)               | (38.0)                | (67.3)                | 520                                 | 172          | 843              | (54.9)        | (33.9)                | (75.1)                |
| <b>Total</b>                                       | <b>5,024</b>                 | <b>914</b>   | <b>1,091</b>     | <b>(15.5)</b>        | <b>(71.5)</b>         | <b>(84.6)</b>         | <b>3,488</b>                                  | <b>1,324</b>    | <b>2,217</b>     | <b>(31.5)</b>        | <b>(49.6)</b>         | <b>(72.5)</b>         | <b>3,682</b>                        | <b>1,128</b> | <b>2,219</b>     | <b>(31.6)</b> | <b>(52.4)</b>         | <b>(76.5)</b>         |

<sup>a</sup> Interview for partner services was not collected in the 2008-2011 version of the HIV testing form. Therefore, these data are represented as missing/invalid data

<sup>b</sup> Data to identify target populations are not required for persons who test HIV-negative in health care facilities.

**Table 12<sup>a</sup>: HIV testing and care continuum, including HIV positivity and linkage to care, by demographic characteristics of newly identified HIV-positive men who have sex with men (MSM) in non-health care facilities from 61 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2013**

| Characteristics                     | HIV testing events |                    |                  | Linkage to HIV Medical Care |            |                  |                      |                       |                       | Linkage to HIV Medical Care in 90 days |            |                  |                      |                       |                       |
|-------------------------------------|--------------------|--------------------|------------------|-----------------------------|------------|------------------|----------------------|-----------------------|-----------------------|--|------------|------------------|----------------------|-----------------------|-----------------------|
|                                     | All testing events | New positive tests | (New positive %) | Linked                      | Not linked | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Linked                                 | Not linked | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) |
| <b>Age at test (years)</b>          |                    |                    |                  |                             |            |                  |                      |                       |                       |  |            |                  |                      |                       |                       |
| <13                                 | 136                | 1                  | (0.7)            | 0                           | 1          | 0                | (0.0)                | (0.0)                 | (0.0)                 | 0                                      | 0          | 1                | (100.0)              | (0.0)                 | ....                  |
| 13-19                               | 7,279              | 133                | (1.8)            | 75                          | 30         | 28               | (21.1)               | (56.4)                | (71.4)                | 67                                     | 12         | 54               | (40.6)               | (50.4)                | (84.8)                |
| 20-29                               | 67,454             | 1,917              | (2.8)            | 1,190                       | 311        | 416              | (21.7)               | (62.1)                | (79.3)                | 1,084                                  | 122        | 711              | (37.1)               | (56.5)                | (89.9)                |
| 30-39                               | 36,085             | 852                | (2.4)            | 544                         | 128        | 180              | (21.1)               | (63.8)                | (81.0)                | 501                                    | 35         | 316              | (37.1)               | (58.8)                | (93.5)                |
| 40-49                               | 23,205             | 487                | (2.1)            | 315                         | 73         | 99               | (20.3)               | (64.7)                | (81.2)                | 293                                    | 17         | 177              | (36.3)               | (60.2)                | (94.5)                |
| 50+                                 | 18,647             | 287                | (1.5)            | 179                         | 49         | 59               | (20.6)               | (62.4)                | (78.5)                | 159                                    | 22         | 106              | (36.9)               | (55.4)                | (87.8)                |
| Missing/Invalid                     | 468                | 4                  | (0.9)            | 1                           | 0          | 3                | (75.0)               | (25.0)                | (100.0)               | 1                                      | 0          | 3                | (75.0)               | (25.0)                | (100.0)               |
| <b>Race/Ethnicity</b>               |                    |                    |                  |                             |            |                  |                      |                       |                       |  |            |                  |                      |                       |                       |
| White                               | 66,404             | 957                | (1.4)            | 645                         | 119        | 193              | (20.2)               | (67.4)                | (84.4)                | 582                                    | 46         | 329              | (34.4)               | (60.8)                | (92.7)                |
| Black or African American           | 34,169             | 1,613              | (4.7)            | 913                         | 323        | 377              | (23.4)               | (56.6)                | (73.9)                | 832                                    | 125        | 656              | (40.7)               | (51.6)                | (86.9)                |
| Hispanic or Latino                  | 38,650             | 874                | (2.3)            | 604                         | 109        | 161              | (18.4)               | (69.1)                | (84.7)                | 560                                    | 24         | 290              | (33.2)               | (64.1)                | (95.9)                |
| Asian                               | 7,093              | 88                 | (1.2)            | 58                          | 13         | 17               | (19.3)               | (65.9)                | (81.7)                | 51                                     | 8          | 29               | (33.0)               | (58.0)                | (86.4)                |
| American Indian or Alaska Native    | 949                | 14                 | (1.5)            | 5                           | 4          | 5                | (35.7)               | (35.7)                | (55.6)                | 5                                      | 1          | 8                | (57.1)               | (35.7)                | (83.3)                |
| Native Hawaiian or Pacific Islander | 763                | 13                 | (1.7)            | 8                           | 3          | 2                | (15.4)               | (61.5)                | (72.7)                | 7                                      | 0          | 6                | (46.2)               | (53.8)                | (100.0)               |
| Multi-race                          | 2,886              | 75                 | (2.6)            | 45                          | 16         | 14               | (18.7)               | (60.0)                | (73.8)                | 43                                     | 3          | 29               | (38.7)               | (57.3)                | (93.5)                |
| Declined                            | 885                | 14                 | (1.6)            | 8                           | 3          | 3                | (21.4)               | (57.1)                | (72.7)                | 8                                      | 1          | 5                | (35.7)               | (57.1)                | (88.9)                |
| Don't know/Not asked                | 1,282              | 26                 | (2.0)            | 15                          | 2          | 9                | (34.6)               | (57.7)                | (88.2)                | 14                                     | 0          | 12               | (46.2)               | (53.8)                | (100.0)               |
| Missing/Invalid                     | 193                | 7                  | (3.6)            | 3                           | 0          | 4                | (57.1)               | (42.9)                | (100.0)               | 3                                      | 0          | 4                | (57.1)               | (42.9)                | (100.0)               |
| <b>Region</b>                       |                    |                    |                  |                             |            |                  |                      |                       |                       |  |            |                  |                      |                       |                       |
| Northeast                           | 20,108             | 509                | (2.5)            | 310                         | 64         | 135              | (26.5)               | (60.9)                | (82.9)                | 287                                    | 24         | 198              | (38.9)               | (56.4)                | (92.3)                |
| Midwest                             | 21,173             | 429                | (2.0)            | 258                         | 79         | 92               | (21.4)               | (60.1)                | (76.6)                | 235                                    | 54         | 140              | (32.6)               | (54.8)                | (81.3)                |



| Characteristics                         | HIV testing events |                    |                  | Linkage to HIV Medical Care |            |                  |                      |                       |                       | Linkage to HIV Medical Care in 90 days |            |                  |                      |                       |                       |
|---|--------------------|--------------------|------------------|-----------------------------|------------|------------------|----------------------|-----------------------|-----------------------|--|------------|------------------|----------------------|-----------------------|-----------------------|
|   | All testing events | New positive tests | (New positive %) | Linked                      | Not linked | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Linked                                 | Not linked | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) |
| South                                   | 60,565             | 1,927              | (3.2)            | 1,204                       | 306        | 417              | (21.6)               | (62.5)                | (79.7)                | 1,116                                  | 84         | 727              | (37.7)               | (57.9)                | (93.0)                |
| West                                    | 49,782             | 785                | (1.6)            | 519                         | 131        | 135              | (17.2)               | (66.1)                | (79.8)                | 455                                    | 45         | 285              | (36.3)               | (58.0)                | (91.0)                |
| U.S. dependent areas                    | 1,646              | 31                 | (1.9)            | 13                          | 12         | 6                | (19.4)               | (41.9)                | (52.0)                | 12                                     | 1          | 18               | (58.1)               | (38.7)                | (92.3)                |
| <b>Rapid test used in testing event</b> |                    |                    |                  |                             |            |                  |                      |                       |                       |  |            |                  |                      |                       |                       |
| Yes                                     | 141,852            | 3,224              | (2.3)            | 2,053                       | 523        | 648              | (20.1)               | (63.7)                | (79.7)                | 1,894                                  | 167        | 1,163            | (36.1)               | (58.7)                | (91.9)                |
| No                                      | 11,420             | 457                | (4.0)            | 251                         | 69         | 137              | (30.0)               | (54.9)                | (78.4)                | 211                                    | 41         | 205              | (44.9)               | (46.2)                | (83.7)                |
| Missing/Invalid                         | 2                  | 0                  | (0.0)            | 0                           | 0          | 0                | ....                 | ....                  | ....                  | 0                                      | 0          | 0                | ....                 | ....                  | ....                  |
| <b>Total</b>                            | <b>153,274</b>     | <b>3,681</b>       | <b>(2.4)</b>     | <b>2,304</b>                | <b>592</b> | <b>785</b>       | <b>(21.3)</b>        | <b>(62.6)</b>         | <b>(79.6)</b>         | <b>2,105</b>                           | <b>208</b> | <b>1,368</b>     | <b>(37.2)</b>        | <b>(57.2)</b>         | <b>(91.0)</b>         |

<sup>a</sup>Behavioral data used to classify persons as MSM and all other target population categories are only required to be collected for test events conducted in non-health care facilities and for all HIV-positive persons in health care facilities. Because of this denominators are unknown for negatives tested in health care facilities; therefore only non-health care testing events are accounted for here.

**Table 13a: HIV testing and care continuum, including partner and HIV prevention services, by demographic characteristics of newly identified HIV-positive men who have sex with men (MSM) in non-health care facilities from 61 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2013**

| Characteristics                     | Referred to Partner Services |              |                  |                      |                       |                       | Interviewed for Partner Services <sup>b</sup> |                 |                  |                      |                       |                       | Referred to HIV Prevention Services |              |                  |             |                       |                       |
|-------------------------------------|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|-----------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|-------------|-----------------------|-----------------------|
|                                     | Referred                     | Not Referred | Missing /invalid | (Missing /invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Interviewed                                   | Not Interviewed | Missing /invalid | (Missing /invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Referred                            | Not Referred | Missing /invalid | (Missing %) | (Minimum Indicator %) | (Maximum Indicator %) |
| <b>Age at test (years)</b>          |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |             |                       |                       |
| <13                                 | 1                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 1   | 0               | 0                | (0.0)                | (100.0)               | (100.0)               | 1                                   | 0            | 0                | (0.0)       | (100.0)               | (100.0)               |
| 13-19                               | 109                          | 15           | 9                | (6.8)                | (82.0)                | (87.9)                | 67  | 23              | 43               | (32.3)               | (50.4)                | (74.4)                | 78                                  | 21           | 34               | (25.6)      | (58.6)                | (78.8)                |
| 20-29                               | 1,539                        | 252          | 126              | (6.6)                | (80.3)                | (85.9)                | 1,036   | 390             | 491              | (25.6)               | (54.0)                | (72.7)                | 1,238                               | 331          | 348              | (18.2)      | (64.6)                | (78.9)                |
| 30-39                               | 695                          | 107          | 50               | (5.9)                | (81.6)                | (86.7)                | 526   | 173             | 153              | (18.0)               | (61.7)                | (75.3)                | 529                                 | 147          | 176              | (20.7)      | (62.1)                | (78.3)                |
| 40-49                               | 392                          | 63           | 32               | (6.6)                | (80.5)                | (86.2)                | 303   | 97              | 87               | (17.9)               | (62.2)                | (75.8)                | 301                                 | 104          | 82               | (16.8)      | (61.8)                | (74.3)                |
| 50+                                 | 222                          | 49           | 16               | (5.6)                | (77.4)                | (81.9)                | 161   | 65              | 61               | (21.3)               | (56.1)                | (71.2)                | 174                                 | 53           | 60               | (20.9)      | (60.6)                | (76.7)                |
| Missing/Invalid                     | 3                            | 1            | 0                | (0.0)                | (75.0)                | (75.0)                | 2   | 1               | 1                | (25.0)               | (50.0)                | (66.7)                | 2                                   | 2            | 0                | (0.0)       | (50.0)                | (50.0)                |
| <b>Race/Ethnicity</b>               |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |             |                       |                       |
| White                               | 808                          | 86           | 63               | (6.6)                | (84.4)                | (90.4)                | 594   | 157             | 206              | (21.5)               | (62.1)                | (79.1)                | 604                                 | 170          | 183              | (19.1)      | (63.1)                | (78.0)                |
| Black or African American           | 1,240                        | 273          | 100              | (6.2)                | (76.9)                | (82.0)                | 771   | 376             | 466              | (28.9)               | (47.8)                | (67.2)                | 1,007                               | 266          | 340              | (21.1)      | (62.4)                | (79.1)                |
| Hispanic or Latino                  | 725                          | 100          | 49               | (5.6)                | (83.0)                | (87.9)                | 599   | 168             | 107              | (12.2)               | (68.5)                | (78.1)                | 565                                 | 179          | 130              | (14.9)      | (64.6)                | (75.9)                |
| Asian                               | 72                           | 8            | 8                | (9.1)                | (81.8)                | (90.0)                | 55  | 19              | 14               | (15.9)               | (62.5)                | (74.3)                | 59                                  | 12           | 17               | (19.3)      | (67.0)                | (83.1)                |
| American Indian or Alaska Native    | 11                           | 1            | 2                | (14.3)               | (78.6)                | (91.7)                | 6   | 1               | 7                | (50.0)               | (42.9)                | (85.7)                | 8                                   | 0            | 6                | (42.9)      | (57.1)                | (100.0)               |
| Native Hawaiian or Pacific Islander | 10                           | 3            | 0                | (0.0)                | (76.9)                | (76.9)                | 8   | 5               | 0                | (0.0)                | (61.5)                | (61.5)                | 8                                   | 2            | 3                | (23.1)      | (61.5)                | (80.0)                |
| Multi-race                          | 57                           | 8            | 10               | (13.3)               | (76.0)                | (87.7)                | 36  | 14              | 25               | (33.3)               | (48.0)                | (72.0)                | 46                                  | 20           | 9                | (12.0)      | (61.3)                | (69.7)                |
| Declined                            | 11                           | 3            | 0                | (0.0)                | (78.6)                | (78.6)                | 10  | 3               | 1                | (7.1)                | (71.4)                | (76.9)                | 6                                   | 4            | 4                | (28.6)      | (42.9)                | (60.0)                |
| Don't know/Not asked                | 20                           | 5            | 1                | (3.8)                | (76.9)                | (80.0)                | 14  | 6               | 6                | (23.1)               | (53.8)                | (70.0)                | 17                                  | 5            | 4                | (15.4)      | (65.4)                | (77.3)                |
| Missing/Invalid                     | 7                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 3   | 0               | 4                | (57.1)               | (42.9)                | (100.0)               | 3                                   | 0            | 4                | (57.1)      | (42.9)                | (100.0)               |
| <b>Region</b>                       |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |             |                       |                       |
| Northeast                           | 367                          | 69           | 73               | (14.3)               | (72.1)                | (84.2)                | 215   | 104             | 190              | (37.3)               | (42.2)                | (67.4)                | 403                                 | 38           | 68               | (13.4)      | (79.2)                | (91.4)                |
| Midwest                             | 341                          | 44           | 44               | (10.3)               | (79.5)                | (88.6)                | 212   | 93              | 124              | (28.9)               | (49.4)                | (69.5)                | 268                                 | 115          | 46               | (10.7)      | (62.5)                | (70.0)                |

| Characteristics                         | Referred to Partner Services |              |                  |                      |                       |                       | Interviewed for Partner Services <sup>b</sup> |                 |                  |                      |                       |                       | Referred to HIV Prevention Services |              |                  |               |                       |                       |
|---|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|-----------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|---------------|-----------------------|-----------------------|
|   | Referred                     | Not Referred | Missing /invalid | (Missing /invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Interviewed                                   | Not Interviewed | Missing /invalid | (Missing /invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Referred                            | Not Referred | Missing /invalid | (Missing %)   | (Minimum Indicator %) | (Maximum Indicator %) |
| South                                   | 1,557                        | 268          | 102              | (5.3)                | (80.8)                | (85.3)                | 1,113   | 324             | 490              | (25.4)               | (57.8)                | (77.5)                | 1,162                               | 381          | 384              | (19.9)        | (60.3)                | (75.3)                |
| West                                    | 677                          | 94           | 14               | (1.8)                | (86.2)                | (87.8)                | 546   | 216             | 23               | (2.9)                | (69.6)                | (71.7)                | 474                                 | 109          | 202              | (25.7)        | (60.4)                | (81.3)                |
| U.S. dependent areas                    | 19                           | 12           | 0                | (0.0)                | (61.3)                | (61.3)                | 10  | 12              | 9                | (29.0)               | (32.3)                | (45.5)                | 16                                  | 15           | 0                | (0.0)         | (51.6)                | (51.6)                |
| <b>Rapid test used in testing event</b> |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |               |                       |                       |
| Yes                                     | 2,577                        | 427          | 220              | (6.8)                | (79.9)                | (85.8)                | 1,841   | 668             | 715              | (22.2)               | (57.1)                | (73.4)                | 2,080                               | 587          | 557              | (17.3)        | (64.5)                | (78.0)                |
| No                                      | 384                          | 60           | 13               | (2.8)                | (84.0)                | (86.5)                | 255   | 81              | 121              | (26.5)               | (55.8)                | (75.9)                | 243                                 | 71           | 143              | (31.3)        | (53.2)                | (77.4)                |
| <b>Total</b>                            | <b>2,961</b>                 | <b>487</b>   | <b>233</b>       | <b>(6.3)</b>         | <b>(80.4)</b>         | <b>(85.9)</b>         | <b>2,096</b>                                  | <b>749</b>      | <b>836</b>       | <b>(22.7)</b>        | <b>(56.9)</b>         | <b>(73.7)</b>         | <b>2,323</b>                        | <b>658</b>   | <b>700</b>       | <b>(19.0)</b> | <b>(63.1)</b>         | <b>(77.9)</b>         |

<sup>a</sup>Behavioral data used to classify persons as MSM and all other target population categories are only required to be collected for test events conducted in non-health care facilities and for all HIV-positive persons in health care facilities. Because of this denominators are unknown for negatives tested in health care facilities; therefore only non-health care testing events are accounted for here.

<sup>b</sup> Interview for partner services was not collected in the 2008-2011 version of the HIV testing form. Therefore, these data are represented as missing/invalid data.

**Table 14a: HIV testing and care continuum, including HIV positivity and linkage to care, by demographic characteristics of newly identified HIV-positive heterosexual females in non-health care facilities from 61 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2013**

| Characteristics                     | HIV testing events |                    |                  | Linkage to HIV Medical Care |            |                  |                      |                       |                       | Linkage to HIV Medical Care in 90 days |            |                  |                      |                       |                       |
|-------------------------------------|--------------------|--------------------|------------------|-----------------------------|------------|------------------|----------------------|-----------------------|-----------------------|--|------------|------------------|----------------------|-----------------------|-----------------------|
|                                     | All testing events | New positive tests | (New positive %) | Linked                      | Not linked | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Linked                                 | Not linked | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) |
| <b>Age at test (years)</b>          |                    |                    |                  |                             |            |                  |                      |                       |                       |  |            |                  |                      |                       |                       |
| <13                                 | 151                | 0                  | (0.0)            | 0                           | 0          | 0                | ....                 | ....                  | ....                  | 0                                      | 0          | 0                | ....                 | ....                  | ....                  |
| 13-19                               | 27,584             | 30                 | (0.1)            | 19                          | 2          | 9                | (30.0)               | (63.3)                | (90.5)                | 18                                     | 0          | 12               | (40.0)               | (60.0)                | (100.0)               |
| 20-29                               | 116,126            | 167                | (0.1)            | 90                          | 21         | 56               | (33.5)               | (53.9)                | (81.1)                | 86                                     | 12         | 69               | (41.3)               | (51.5)                | (87.8)                |
| 30-39                               | 58,951             | 182                | (0.3)            | 113                         | 18         | 51               | (28.0)               | (62.1)                | (86.3)                | 107                                    | 9          | 66               | (36.3)               | (58.8)                | (92.2)                |
| 40-49                               | 33,196             | 206                | (0.6)            | 101                         | 53         | 52               | (25.2)               | (49.0)                | (65.6)                | 95                                     | 24         | 87               | (42.2)               | (46.1)                | (79.8)                |
| 50+                                 | 23,153             | 163                | (0.7)            | 86                          | 35         | 42               | (25.8)               | (52.8)                | (71.1)                | 78                                     | 22         | 63               | (38.7)               | (47.9)                | (78.0)                |
| Missing/Invalid                     | 802                | 5                  | (0.6)            | 1                           | 1          | 3                | (60.0)               | (20.0)                | (50.0)                | 0                                      | 2          | 3                | (60.0)               | (0.0)                 | (0.0)                 |
| <b>Race/Ethnicity</b>               |                    |                    |                  |                             |            |                  |                      |                       |                       |  |            |                  |                      |                       |                       |
| White                               | 58,103             | 80                 | (0.1)            | 46                          | 10         | 24               | (30.0)               | (57.5)                | (82.1)                | 42                                     | 4          | 34               | (42.5)               | (52.5)                | (91.3)                |
| Black or African American           | 134,725            | 542                | (0.4)            | 289                         | 102        | 151              | (27.9)               | (53.3)                | (73.9)                | 273                                    | 57         | 212              | (39.1)               | (50.4)                | (82.7)                |
| Hispanic or Latino                  | 53,098             | 105                | (0.2)            | 62                          | 14         | 29               | (27.6)               | (59.0)                | (81.6)                | 57                                     | 6          | 42               | (40.0)               | (54.3)                | (90.5)                |
| Asian                               | 3,763              | 5                  | (0.1)            | 5                           | 0          | 0                | (0.0)                | (100.0)               | (100.0)               | 4                                      | 0          | 1                | (20.0)               | (80.0)                | (100.0)               |
| American Indian or Alaska Native    | 2,544              | 5                  | (0.2)            | 2                           | 0          | 3                | (60.0)               | (40.0)                | (100.0)               | 2                                      | 0          | 3                | (60.0)               | (40.0)                | (100.0)               |
| Native Hawaiian or Pacific Islander | 572                | 1                  | (0.2)            | 0                           | 0          | 1                | (100.0)              | (0.0)                 | ....                  | 0                                      | 0          | 1                | (100.0)              | (0.0)                 | ....                  |
| Multi-race                          | 2,816              | 7                  | (0.2)            | 4                           | 1          | 2                | (28.6)               | (57.1)                | (80.0)                | 4                                      | 0          | 3                | (42.9)               | (57.1)                | (100.0)               |
| Declined                            | 710                | 2                  | (0.3)            | 1                           | 0          | 1                | (50.0)               | (50.0)                | (100.0)               | 1                                      | 0          | 1                | (50.0)               | (50.0)                | (100.0)               |
| Don't know/Not asked                | 1,427              | 5                  | (0.4)            | 1                           | 3          | 1                | (20.0)               | (20.0)                | (25.0)                | 1                                      | 2          | 2                | (40.0)               | (20.0)                | (33.3)                |
| Missing/Invalid                     | 2,205              | 1                  | (0.0)            | 0                           | 0          | 1                | (100.0)              | (0.0)                 | ....                  | 0                                      | 0          | 1                | (100.0)              | (0.0)                 | ....                  |
| <b>Region</b>                       |                    |                    |                  |                             |            |                  |                      |                       |                       |  |            |                  |                      |                       |                       |
| Northeast                           | 29,808             | 128                | (0.4)            | 73                          | 24         | 31               | (24.2)               | (57.0)                | (75.3)                | 71                                     | 6          | 51               | (39.8)               | (55.5)                | (92.2)                |
| Midwest                             | 19,048             | 45                 | (0.2)            | 25                          | 6          | 14               | (31.1)               | (55.6)                | (80.6)                | 22                                     | 5          | 18               | (40.0)               | (48.9)                | (81.5)                |

| Characteristics                         | HIV testing events |                    |                  | Linkage to HIV Medical Care |            |                  |                      |                       |                       | Linkage to HIV Medical Care in 90 days |            |                  |                      |                       |                       |
|---|--------------------|--------------------|------------------|-----------------------------|------------|------------------|----------------------|-----------------------|-----------------------|--|------------|------------------|----------------------|-----------------------|-----------------------|
|   | All testing events | New positive tests | (New positive %) | Linked                      | Not linked | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Linked                                 | Not linked | Missing /Invalid | (Missing /Invalid %) | (Minimum Indicator %) | (Maximum Indicator %) |
| South                                   | 181,457            | 507                | (0.3)            | 262                         | 89         | 156              | (30.8)               | (51.7)                | (74.6)                | 246                                    | 53         | 208              | (41.0)               | (48.5)                | (82.3)                |
| West                                    | 25,901             | 71                 | (0.3)            | 48                          | 11         | 12               | (16.9)               | (67.6)                | (81.4)                | 43                                     | 5          | 23               | (32.4)               | (60.6)                | (89.6)                |
| U.S. dependent areas                    | 3,749              | 2                  | (0.1)            | 2                           | 0          | 0                | (0.0)                | (100.0)               | (100.0)               | 2                                      | 0          | 0                | (0.0)                | (100.0)               | (100.0)               |
| <b>Rapid test used in testing event</b> |                    |                    |                  |                             |            |                  |                      |                       |                       |  |            |                  |                      |                       |                       |
| Yes                                     | 155,771            | 525                | (0.3)            | 310                         | 89         | 126              | (24.0)               | (59.0)                | (77.7)                | 293                                    | 45         | 187              | (35.6)               | (55.8)                | (86.7)                |
| No                                      | 104,191            | 228                | (0.2)            | 100                         | 41         | 87               | (38.2)               | (43.9)                | (70.9)                | 91                                     | 24         | 113              | (49.6)               | (39.9)                | (79.1)                |
| Missing/Invalid                         | 1                  | 0                  | (0.0)            | 0                           | 0          | 0                | ....                 | ....                  | ....                  | 0                                      | 0          | 0                | ....                 | ....                  | ....                  |
| <b>Total</b>                            | <b>259,963</b>     | <b>753</b>         | <b>(0.3)</b>     | <b>410</b>                  | <b>130</b> | <b>213</b>       | <b>(28.3)</b>        | <b>(54.4)</b>         | <b>(75.9)</b>         | <b>384</b>                             | <b>69</b>  | <b>300</b>       | <b>(39.8)</b>        | <b>(51.0)</b>         | <b>(84.8)</b>         |

<sup>a</sup>Behavioral data used to classify persons as MSM and all other target population categories are only required to be collected for test events conducted in non-health care facilities and for all HIV-positive persons in health care facilities. Because of this denominators are unknown for negatives tested in health care facilities; therefore only non-health care testing events are accounted for here.

**Table 15<sup>a</sup>: HIV testing and care continuum, including partner and HIV prevention services, by demographic characteristics of newly identified HIV-positive heterosexual females in non-health care facilities from 61 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2013**

| Characteristics                     | Referred to Partner Services |              |                  |                      |                       |                       | Interviewed for Partner Services <sup>b</sup> |                 |                  |                      |                       |                       | Referred to HIV Prevention Services |              |                  |             |                       |                       |
|-------------------------------------|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|-----------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|-------------|-----------------------|-----------------------|
|                                     | Referred                     | Not Referred | Missing /invalid | (Missing /invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Interviewed                                   | Not Interviewed | Missing /invalid | (Missing /invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Referred                            | Not Referred | Missing /invalid | (Missing %) | (Minimum Indicator %) | (Maximum Indicator %) |
| <b>Age at test (years)</b>          |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |             |                       |                       |
| <13                                 | 0                            | 0            | 0                | ----                 | ----                  | ----                  | 0   | 0               | 0                | ----                 | ----                  | ----                  | 0                                   | 0            | 0                | ----        | ----                  | ----                  |
| 13-19                               | 25                           | 4            | 1                | (3.3)                | (83.3)                | (86.2)                | 17  | 4               | 9                | (30.0)               | (56.7)                | (81.0)                | 11                                  | 9            | 10               | (33.3)      | (36.7)                | (55.0)                |
| 20-29                               | 141                          | 12           | 14               | (8.4)                | (84.4)                | (92.2)                | 101   | 17              | 49               | (29.3)               | (60.5)                | (85.6)                | 93                                  | 26           | 48               | (28.7)      | (55.7)                | (78.2)                |
| 30-39                               | 155                          | 14           | 13               | (7.1)                | (85.2)                | (91.7)                | 117   | 23              | 42               | (23.1)               | (64.3)                | (83.6)                | 108                                 | 35           | 39               | (21.4)      | (59.3)                | (75.5)                |
| 40-49                               | 158                          | 35           | 13               | (6.3)                | (76.7)                | (81.9)                | 113   | 50              | 43               | (20.9)               | (54.9)                | (69.3)                | 101                                 | 42           | 63               | (30.6)      | (49.0)                | (70.6)                |
| 50+                                 | 126                          | 31           | 6                | (3.7)                | (77.3)                | (80.3)                | 93  | 40              | 30               | (18.4)               | (57.1)                | (69.9)                | 93                                  | 35           | 35               | (21.5)      | (57.1)                | (72.7)                |
| Missing/Invalid                     | 4                            | 1            | 0                | (0.0)                | (80.0)                | (80.0)                | 2   | 1               | 2                | (40.0)               | (40.0)                | (66.7)                | 2                                   | 1            | 2                | (40.0)      | (40.0)                | (66.7)                |
| <b>Race/Ethnicity</b>               |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |             |                       |                       |
| White                               | 70                           | 8            | 2                | (2.5)                | (87.5)                | (89.7)                | 46  | 10              | 24               | (30.0)               | (57.5)                | (82.1)                | 49                                  | 12           | 19               | (23.8)      | (61.3)                | (80.3)                |
| Black or African American           | 439                          | 74           | 29               | (5.4)                | (81.0)                | (85.6)                | 320   | 103             | 119              | (22.0)               | (59.0)                | (75.7)                | 283                                 | 109          | 150              | (27.7)      | (52.2)                | (72.2)                |
| Hispanic or Latino                  | 81                           | 11           | 13               | (12.4)               | (77.1)                | (88.0)                | 66  | 17              | 22               | (21.0)               | (62.9)                | (79.5)                | 64                                  | 27           | 14               | (13.3)      | (61.0)                | (70.3)                |
| Asian                               | 5                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 4   | 1               | 0                | (0.0)                | (80.0)                | (80.0)                | 5                                   | 0            | 0                | (0.0)       | (100.0)               | (100.0)               |
| American Indian or Alaska Native    | 5                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 2   | 0               | 3                | (60.0)               | (40.0)                | (100.0)               | 1                                   | 0            | 4                | (80.0)      | (20.0)                | (100.0)               |
| Native Hawaiian or Pacific Islander | 1                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 0   | 0               | 1                | (100.0)              | (0.0)                 | ....                  | 0                                   | 0            | 1                | (100.0)     | (0.0)                 | ....                  |
| Multi-race                          | 5                            | 1            | 1                | (14.3)               | (71.4)                | (83.3)                | 3   | 1               | 3                | (42.9)               | (42.9)                | (75.0)                | 4                                   | 0            | 3                | (42.9)      | (57.1)                | (100.0)               |
| Declined                            | 1                            | 1            | 0                | (0.0)                | (50.0)                | (50.0)                | 1   | 1               | 0                | (0.0)                | (50.0)                | (50.0)                | 1                                   | 0            | 1                | (50.0)      | (50.0)                | (100.0)               |
| Don't know/Not asked                | 1                            | 2            | 2                | (40.0)               | (20.0)                | (33.3)                | 1   | 2               | 2                | (40.0)               | (20.0)                | (33.3)                | 1                                   | 0            | 4                | (80.0)      | (20.0)                | (100.0)               |
| Missing/Invalid                     | 1                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 0   | 0               | 1                | (100.0)              | (0.0)                 | ....                  | 0                                   | 0            | 1                | (100.0)     | (0.0)                 | ....                  |
| <b>Region</b>                       |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |             |                       |                       |
| Northeast                           | 98                           | 9            | 21               | (16.4)               | (76.6)                | (91.6)                | 77  | 18              | 33               | (25.8)               | (60.2)                | (81.1)                | 98                                  | 14           | 16               | (12.5)      | (76.6)                | (87.5)                |
| Midwest                             | 37                           | 2            | 6                | (13.3)               | (82.2)                | (94.9)                | 24  | 4               | 17               | (37.8)               | (53.3)                | (85.7)                | 29                                  | 7            | 9                | (20.0)      | (64.4)                | (80.6)                |

| Characteristics                         | Referred to Partner Services |              |                  |                      |                       |                       | Interviewed for Partner Services <sup>b</sup> |                 |                  |                      |                       |                       | Referred to HIV Prevention Services |              |                  |               |                       |                       |
|---|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|-----------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|---------------|-----------------------|-----------------------|
|   | Referred                     | Not Referred | Missing /invalid | (Missing /invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Interviewed                                   | Not Interviewed | Missing /invalid | (Missing /invalid %) | (Minimum Indicator %) | (Maximum Indicator %) | Referred                            | Not Referred | Missing /invalid | (Missing %)   | (Minimum Indicator %) | (Maximum Indicator %) |
| South                                   | 413                          | 75           | 19               | (3.7)                | (81.5)                | (84.6)                | 295   | 89              | 123              | (24.3)               | (58.2)                | (76.8)                | 233                                 | 116          | 158              | (31.2)        | (46.0)                | (66.8)                |
| West                                    | 59                           | 11           | 1                | (1.4)                | (83.1)                | (84.3)                | 45  | 24              | 2                | (2.8)                | (63.4)                | (65.2)                | 46                                  | 11           | 14               | (19.7)        | (64.8)                | (80.7)                |
| U.S. dependent areas                    | 2                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 2   | 0               | 0                | (0.0)                | (100.0)               | (100.0)               | 2                                   | 0            | 0                | (0.0)         | (100.0)               | (100.0)               |
| <b>Rapid test used in testing event</b> |                              |              |                  |                      |                       |                       |   |                 |                  |                      |                       |                       |                                     |              |                  |               |                       |                       |
| Yes                                     | 428                          | 58           | 39               | (7.4)                | (81.5)                | (88.1)                | 331   | 89              | 105              | (20.0)               | (63.0)                | (78.8)                | 316                                 | 114          | 95               | (18.1)        | (60.2)                | (73.5)                |
| No                                      | 181                          | 39           | 8                | (3.5)                | (79.4)                | (82.3)                | 112   | 46              | 70               | (30.7)               | (49.1)                | (70.9)                | 92                                  | 34           | 102              | (44.7)        | (40.4)                | (73.0)                |
| <b>Total</b>                            | <b>609</b>                   | <b>97</b>    | <b>47</b>        | <b>(6.2)</b>         | <b>(80.9)</b>         | <b>(86.3)</b>         | <b>443</b>                                    | <b>135</b>      | <b>175</b>       | <b>(23.2)</b>        | <b>(58.8)</b>         | <b>(76.6)</b>         | <b>408</b>                          | <b>148</b>   | <b>197</b>       | <b>(26.2)</b> | <b>(54.2)</b>         | <b>(73.4)</b>         |

<sup>a</sup>Behavioral data used to classify persons as MSM and all other target population categories are only required to be collected for test events conducted in non-health care facilities and for all HIV-positive persons in health care facilities. Because of this denominators are unknown for negatives tested in health care facilities; therefore only non-health care testing events are accounted for here.

<sup>b</sup> Interview for partner services was not collected in the 2008-2011 version of the HIV testing form. Therefore, these data are represented as missing/invalid data.

**Table 16: HIV testing and linkage to HIV medical care indicators in the United States, Puerto Rico, and the U.S. Virgin Islands, 2011-2013.**

| Characteristics  | 2011               |  |            |                             |                     | 2012               |  |            |                             |                     | 2013               |  |            |                             |                     |
|--|--------------------|--|------------|-----------------------------|---------------------|--------------------|--|------------|-----------------------------|---------------------|--------------------|--|------------|-----------------------------|---------------------|
|  | HIV testing events | Newly identified HIV-positive testing events |            | Linkage to HIV medical care |                     | HIV testing events | Newly identified HIV-positive testing events |            | Linkage to HIV medical care |                     | HIV testing events | Newly identified HIV-positive testing events |            | Linkage to HIV medical care |                     |
|  | No.                | No.  | (%)        | Linked                      | Linkage % (Min-Max) | No.                | No.  | (%)        | Linked                      | Linkage % (Min-Max) | No.                | No.  | (%)        | Linked                      | Linkage % (Min-Max) |
| <b>Age at test (years)</b>                                     |                    |  |            |                             |                     |                    |  |            |                             |                     |                    |  |            |                             |                     |
| <13  | 6,842              | 32   | 0.5        | 13                          | (40.6-72.2)         | 5,133              | 18   | 0.4        | 6                           | (33.3-54.5)         | 5,537              | 25   | 0.5        | 8                           | (32.0-44.4)         |
| 13-19  | 336,134            | 617  | 0.2        | 206                         | (33.4-64.4)         | 303,523            | 606  | 0.2        | 288                         | (47.5-66.7)         | 279,412            | 579  | 0.2        | 309                         | (53.4-74.6)         |
| 20-29  | 1,353,872          | 6,539  | 0.5        | 2,651                       | (40.5-70.2)         | 1,346,543          | 6,710  | 0.5        | 3,406                       | (50.8-67.5)         | 1,358,687          | 6,895  | 0.5        | 4,080                       | (59.2-78.0)         |
| 30-39  | 701,634            | 4,062  | 0.6        | 1,698                       | (41.8-72.7)         | 725,598            | 4,083  | 0.6        | 2,186                       | (53.5-68.9)         | 756,782            | 4,118  | 0.5        | 2,493                       | (60.5-78.7)         |
| 40-49  | 473,233            | 3,443  | 0.7        | 1,405                       | (40.8-70.5)         | 463,353            | 3,212  | 0.7        | 1,640                       | (51.1-66.8)         | 461,696            | 3,056  | 0.7        | 1,779                       | (58.2-76.5)         |
| 50+  | 400,901            | 2,328  | 0.6        | 904                         | (38.8-68.4)         | 423,382            | 2,296  | 0.5        | 1,152                       | (50.2-63.9)         | 456,169            | 2,434  | 0.5        | 1,416                       | (58.2-75.7)         |
| <b>Gender</b>  |                    |  |            |                             |                     |                    |  |            |                             |                     |                    |  |            |                             |                     |
| Male   | 1,593,617          | 13,372                                       | 0.8        | 5,535                       | (41.4-70.6)         | 1,574,184          | 13,333                                       | 0.8        | 6,954                       | (52.2-67.5)         | 1,632,645          | 13,976                                       | 0.9        | 8,412                       | (60.2-77.8)         |
| Female   | 1,686,164          | 3,587  | 0.2        | 1,357                       | (37.8-71.1)         | 1,679,449          | 3,304  | 0.2        | 1,591                       | (48.2-65.9)         | 1,687,367          | 3,188  | 0.2        | 1,740                       | (54.6-76.4)         |
| Other specified  | -                  | -  | -          | -                           | -                   | 8,740              | 61   | 0.7        | 31                          | (50.8-58.5)         | 0                  | 0  | -          | 0                           | -                   |
| <b>Race/Ethnicity</b>  |                    |  |            |                             |                     |                    |  |            |                             |                     |                    |  |            |                             |                     |
| White  | 892,419            | 3,735  | 0.4        | 1,575                       | (42.2-72.0)         | 895,814            | 3,523  | 0.4        | 1,851                       | (52.5-67.1)         | 901,973            | 3,445  | 0.4        | 2,160                       | (62.7-80.1)         |
| Black or African/American                                      | 1,470,077          | 9,217  | 0.6        | 3,340                       | (36.2-66.9)         | 1,444,796          | 8,884  | 0.6        | 4,138                       | (46.6-63.8)         | 1,506,016          | 9,571  | 0.6        | 5,121                       | (53.5-73.8)         |
| Hispanic or Latino   | 683,241            | 3,427  | 0.5        | 1,761                       | (51.4-78.2)         | 686,757            | 3,497  | 0.5        | 2,219                       | (63.5-76.6)         | 713,058            | 3,407  | 0.5        | 2,424                       | (71.1-84.9)         |
| Asian  | 54,411             | 202  | 0.4        | 105                         | (52.0-82.7)         | 62,832             | 236  | 0.4        | 133                         | (56.4-68.9)         | 66,997             | 243  | 0.4        | 155                         | (63.8-80.3)         |
| American Indian or Alaska Native                               | 16,500             | 55   | 0.3        | 16                          | (29.1-72.7)         | 16,566             | 87   | 0.5        | 33                          | (37.9-51.6)         | 16,587             | 55   | 0.3        | 25                          | (45.5-71.4)         |
| Native Hawaiian or Pacific Islander                            | 8,443              | 42   | 0.5        | 21                          | (50.0-77.8)         | 8,148              | 41   | 0.5        | 24                          | (58.5-75.0)         | 8,466              | 38   | 0.4        | 23                          | (60.5-76.7)         |
| Multi-race   | 26,423             | 160  | 0.6        | 62                          | (38.8-70.5)         | 22,413             | 149  | 0.7        | 88                          | (59.1-69.8)         | 22,758             | 229  | 1.0        | 153                         | (66.8-80.1)         |
| <b>Testing site type</b>                                       |                    |  |            |                             |                     |                    |  |            |                             |                     |                    |  |            |                             |                     |
| Health care facilities including correctional facility clinics | 2,424,918          | 9,910  | 0.4        | 4,036                       | (40.7-68.1)         | 2,297,501          | 9,994  | 0.4        | 5,154                       | (51.6-67.9)         | 2,298,949          | 10,144                                       | 0.4        | 6,229                       | (61.4-77.5)         |
| Non-health care facilities                                     | 702,880            | 6,678  | 1.0        | 2,831                       | (42.4-75.0)         | 985,611            | 6,976  | 0.7        | 3,547                       | (50.8-66.1)         | 977,645            | 7,029  | 0.7        | 4,026                       | (57.3-77.7)         |
| Other facilities   | 130,117            | 529  | 0.4        | 95                          | (18.0-60.1)         | 2                  | 0  | -          | 0                           | -                   | 0                  | 0  | -          | 0                           | -                   |
| <b>Total</b>   | <b>3,299,690</b>   | <b>17,222</b>                                | <b>0.5</b> | <b>6,992</b>                | <b>(40.6-70.7)</b>  | <b>3,287,024</b>   | <b>16,976</b>                                | <b>0.5</b> | <b>8,702</b>                | <b>(51.3-67.1)</b>  | <b>3,343,633</b>   | <b>17,426</b>                                | <b>0.5</b> | <b>10,286</b>               | <b>(59.0-77.5)</b>  |

Note: Only jurisdictions with test-level data are included in this table: 55 jurisdictions were included in 2011, 59 in 2012, and all 61 in 2013.