



# CDC- Funded HIV Testing

**United States,  
Puerto Rico &  
U.S. Virgin Islands**  
*2012*

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



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## Contents

|   |    |
|---|----|
| <b>Introduction</b> .....   | 6  |
| <b>HIV Testing and Care Continuum</b> .....   | 7  |
| <b>What’s New in the 2012 Report?</b> .....   | 8  |
| Calculations for the HIV Testing Indicators .....                                     | 8  |
| Missing/Invalid Data .....  | 8  |
| <b>Report Content and Organization</b> .....  | 9  |
| <b>Highlights of the 2012 Report</b> .....  | 10 |
| HIV Testing Events .....  | 10 |
| HIV-Positive Testing Events .....   | 10 |
| Newly Identified HIV-Positive Persons .....   | 10 |
| HIV Testing and Care Continuum.....   | 10 |
| Missing or Invalid Data.....  | 10 |
| Programmatic Impact .....   | 11 |
| <b>Results</b> .....  | 12 |
| HIV-Positive Testing Events .....   | 12 |
| Previous HIV-Positive Testing Events .....  | 12 |
| Newly Identified HIV-Positive Persons .....   | 12 |
| <b>HIV Testing and Care Continuum for Newly Identified HIV-Positive Persons</b> ..... | 13 |
| Receipt of HIV Test Results.....  | 13 |
| Linkage to HIV Medical Care .....   | 13 |
| Referral to Partner Services .....  | 14 |
| Interview for Partner Services.....   | 15 |
| Referral to HIV Prevention Services .....   | 15 |
| <b>Target Populations</b> .....   | 16 |
| Men Who Have Sex with Men .....   | 17 |
| Heterosexual Females .....  | 17 |
| <b>Conclusions</b> .....  | 18 |
| <b>Technical Notes</b> .....  | 19 |
| National HIV Prevention Monitoring and Evaluation HIV Testing Data Collection .....   | 19 |
| Data Quality Assurance Monitoring and Grantee Feedback.....                           | 19 |
| Interpretation of HIV Testing Data.....   | 19 |
| <b>Definitions</b> .....  | 21 |
| <b>Figures</b> .....  | 27 |

|  |    |
|--|----|
| 1. Newly identified HIV positivity percentages by characteristics of persons tested, 59 health department jurisdictions in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012.....  | 28 |
| 2. HIV testing and care continuum indicators among newly identified HIV-positive persons, 59 health department jurisdictions in the United States, Puerto Rico, and the U. S. Virgin Islands, 2012.....  | 29 |
| 3. HIV testing and care continuum indicators among newly identified HIV-positive men who have sex with men (MSM), 59 health department jurisdictions in the United States, Puerto Rico, and the U. S. Virgin Islands, 2012. ....   | 30 |
| 4. HIV testing and care continuum indicators among newly identified HIV-positive heterosexual women, 59 health department jurisdictions in the United States, Puerto Rico, and the U. S. Virgin Islands, 2012. ....  | 31 |
| <b>Tables</b> .....  | 32 |
| 1. Number of HIV testing events and HIV positivity by 61 CDC-funded jurisdictions, United States, Puerto Rico, and the U.S. Virgin Islands, 2012. ....   | 33 |
| 2. Number of HIV testing events and newly identified HIV positivity percentages by test setting for 59 CDC-funded health department jurisdictions submitting test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012. ....  | 35 |
| 3. HIV testing and care continuum for persons identified as previously HIV-positive for 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012. ....  | 37 |
| 4. HIV testing and care continuum, including HIV positivity and linkage to care, for newly identified HIV-positive persons from 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012.....   | 40 |
| 5. HIV testing and care continuum, including partner and HIV prevention services, for newly identified HIV-positive persons from 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012.....  | 43 |
| 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 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012. ....                                | 47 |
| 7. HIV testing and care continuum, including partner and HIV prevention services, by demographic characteristics of newly identified HIV-positive persons from 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012. ....   | 50 |
| 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 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012..... | 53 |
| 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 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012.....  | 55 |
| <b>10.</b> 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 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012. ....  | 58 |
| <b>11.</b> 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 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012. .... | 60 |
| <b>12.</b> 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) from 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012. ....               | 62 |
| <b>13.</b> HIV testing and care continuum, including partner and HIV prevention services, by demographic characteristics of newly identified HIV-positive MSM from 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012. ....  | 64 |
| <b>14.</b> HIV testing and care continuum, including HIV positivity and linkage to care, by demographic characteristics of newly identified HIV-positive heterosexual females from 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012. ....                          | 66 |
| <b>15.</b> HIV testing and care continuum, including partner and HIV prevention services, by demographic characteristics of newly identified HIV-positive heterosexual females from 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012. ....                         | 68 |
| <b>16.</b> HIV testing and linkage to HIV medical care indicators in the United States, Puerto Rico, and the U.S. Virgin Islands, 2010–2012. ....   | 70 |

## 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, 2012 (hereafter: 2012 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 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 to ensure that their jurisdiction's HIV testing data were complete and of high quality. Test-level data are reported from 59 of 61 health department jurisdictions, representing the highest number of jurisdictions reporting test-level data in an annual HIV testing report to date. Aggregate data are reported for Michigan and Oregon health department jurisdictions in this report because they were unable to submit complete test-level data for 2012.<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 HIV prevention policy, program decision making, program monitoring, evaluation activities, research, presentations, and reports.

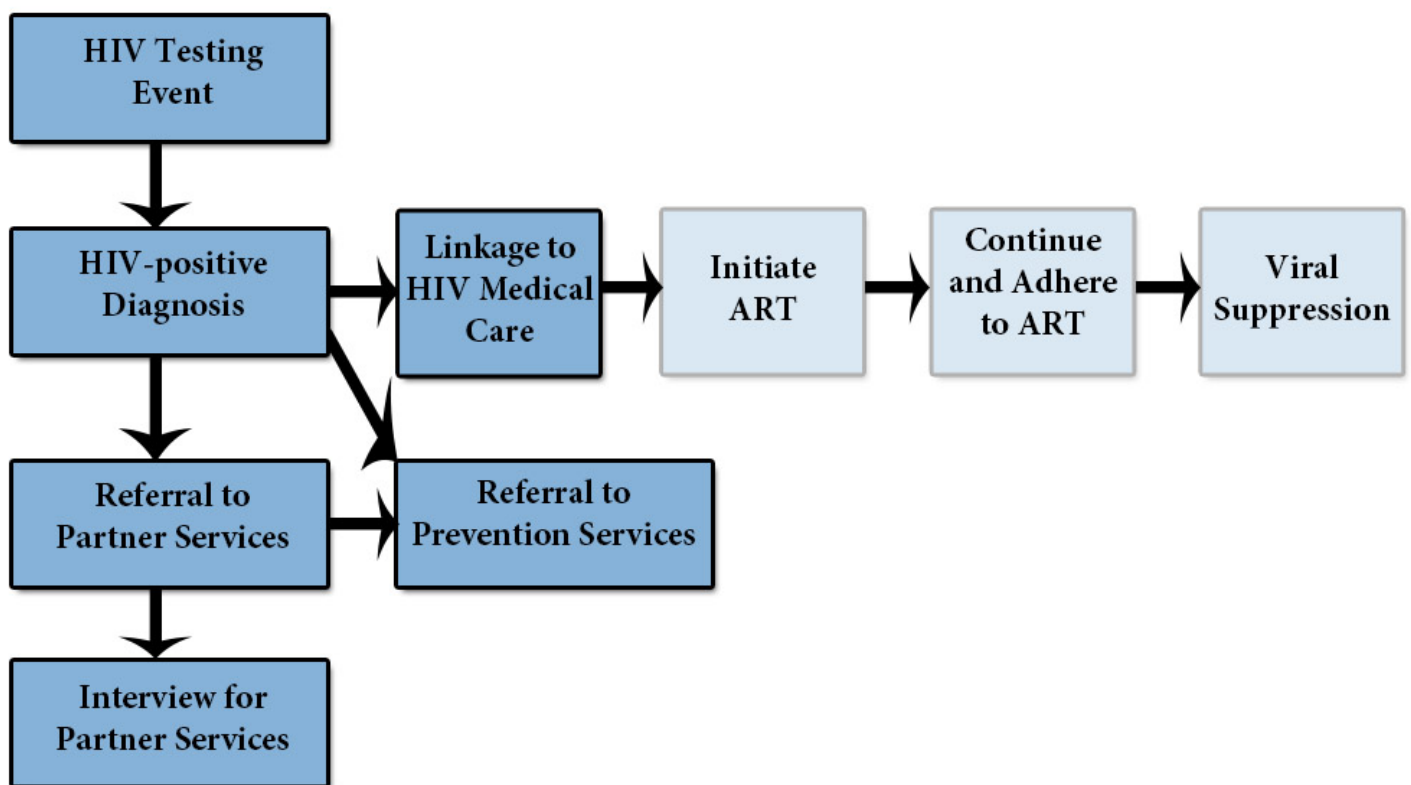
This report includes data submitted to CDC for HIV testing funded by the following six program announcements: [PS 12-1201](#) funded all 61 health department (HD) jurisdictions for HIV prevention programs (category A), 36 HD jurisdictions for expanded HIV testing services for disproportionately affected 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

<sup>1</sup> Aggregate data were presented for Atlanta in Table 1, but test-level data were presented in the remaining tables of the 2012 annual HIV testing report.

with men (collectively referred to as MSM) of color and young transgender persons of color in CBOs.

## HIV Testing and Care Continuum

The 2012 annual HIV testing report presents data on the HIV testing and care continuum. The continuum begins with an HIV testing event and the identification of an HIV-positive person, followed by linkage to important HIV prevention and treatment services. The 2012 annual HIV testing report presents data from the HIV testing domains portrayed in the darker shade below.



## What's New in the 2012 Report?

Changes were made from the 2011 report to address the evolving scientific evidence, programmatic priorities, and needs of programs to access, interpret, and use their data.

Changes include reporting of the following:

- All newly identified HIV-positive persons, rather than newly identified confirmed HIV-positive persons
- Target populations instead of risk categories (i.e., MSM, heterosexual, injection drug use (IDU), transgender)
- Data on persons who were previously diagnosed as HIV-positive, including HIV testing events, HIV positivity, those already in care, and linkage to HIV medical care
- The HIV testing and care continuum by health department jurisdictions
- Data on linkage to HIV medical care within 90 days, in addition to linkage to HIV medical care within any timeframe, which includes linkage within 90 days
- Data on newly identified HIV-positive persons who were interviewed for partner services, in addition to referral to partner services
- HIV testing and care indicators table for 2010–2012 using new calculations (Table 16)

## Calculations of the HIV Testing Indicators

In addition to the reporting of new indicators, the 2012 annual HIV testing report also reflects changes that were made to the calculation of key indicators, including HIV testing events, confirmed HIV-positive persons, newly identified HIV-positive persons, linkage to HIV medical care, referral to partner services, and referral to HIV prevention services. Definitions for these indicators are presented in the Technical Notes. Changes were made to address evolving priorities for program monitoring and interpretation of data. For more information regarding these changes, please contact the NHM&E Service Center at 1-855-374-7310 or [NHMEservice@cdc.gov](mailto:NHMEservice@cdc.gov).

### 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 these HIV testing indicators, the percentages for missing/invalid data are presented.

**To address this issue, this report presents a range of percentages for the following indicators:**

- Receipt of HIV test results
- Linkage to HIV medical care within 90 days and linkage to HIV medical care within any timeframe
- Referral and interview for partner services
- Referral to HIV prevention services

**Both percentages are presented to provide a better indication of how missing/invalid data impact monitoring of programs.**



## 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 2012, including stratification by jurisdictions and by demographic characteristics. Examples of the monitoring and evaluation questions that the 2012 annual HIV testing report answers include the following:

- 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?
- How many newly identified HIV-positive persons were linked to HIV medical care within 90 days or within any timeframe?
- How many newly identified HIV-positive persons were referred and interviewed for partner services?
- How many 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 stratifications by test setting and target populations

Data presented include CDC-funded HIV testing events conducted in 2012 in 61 health department jurisdictions in the United States, Puerto Rico, and the U.S. Virgin Islands that were submitted to CDC as of October 7, 2013.<sup>2</sup> To provide the most complete estimate of CDC-funded testing events in 2012, Table 1 presents both test-level (58 health department jurisdictions) and aggregate (3 health department jurisdictions) data. All other tables display only test-level data (i.e., data for individual test records) and exclude 2 jurisdictions (Michigan and Oregon) for which self-reported aggregate data were used due to an incomplete 2012 test-level data submission.<sup>3</sup> Results are summarized in text, figures, and tables. Please review the technical notes, which are provided to assist with interpretation. Readers are encouraged to review all table titles and footnotes carefully to ensure a complete understanding of the data presented.

<sup>2</sup> Data from testing events conducted in 2012 and were submitted by October 2013.

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

## Highlights of the 2012 Report

### HIV Testing Events

- Approximately 3.4 million CDC-funded HIV testing events were conducted by the 61 health department jurisdictions in the United States, Puerto Rico, and the U.S. Virgin Islands (Table 1).
- Of the approximately 3.3 million CDC-funded testing events with test-level data, 2,297,501 (69.9%) were conducted in healthcare and correctional facilities and 985,611 (30%) were conducted in non-healthcare facilities (Table 2).

### HIV-Positive Testing Events

- 26,696 (0.8%) 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).
- 8,048 (0.2%) were testing events conducted among those who had been previously diagnosed as HIV-positive (Table 3).

### Newly Identified HIV-Positive persons<sup>4</sup>

- 16,976 (0.5%) persons were newly identified HIV-positive (Table 4).
- 13,754 (0.4%) persons were newly identified confirmed HIV-positive (Table 1).
- The highest proportion of newly identified HIV-positive persons were among MSM who inject drugs (3.7%), MSM (3.1%), and transgender persons who inject drugs (3.1%) (Table 6).

### HIV Testing and Care Continuum among Newly Identified HIV-Positive Persons<sup>5</sup>

- 89%–95% received their HIV test results.
- 36%–82% were linked to HIV medical care within 90 days (Table 4).
- 51%–67% were linked to HIV medical care within any timeframe (Table 4).
- 66%–81% were referred to partner services (Table 5).
- 34%–61% were interviewed for partner services (Table 5).
- 52%–74% were referred to HIV prevention services (Table 5).

### Missing or Invalid Data

- 7% for receipt of HIV test results.
- 56% for linkage to HIV medical care within 90 days (Table 4).
- 24% for linkage to HIV medical care within any timeframe (Table 4).
- 19% for referral to partner services (Table 5).
- 44% for interviewed for partner services (Table 5).
- 30% for referral to HIV prevention services (Table 5).

<sup>4</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>5</sup> Both percentages are presented to provide a better indication of how missing/invalid data impact monitoring of programs.

## Programmatic Impact<sup>6</sup>

Compared with the 2011 annual HIV testing report:

- Referral to partner and HIV prevention services increased in 2012, although 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.
- Overall, missing/invalid data across all of the HIV testing and care continuum indicators decreased. Specifically, there was a lower percentage of missing data for receipt of HIV test results (7% in 2012 vs. 14% in 2011), linkage to HIV medical care within any timeframe (24% in 2012 vs. 46% in 2011), referral to partner services (19% in 2012 vs. 27% in 2011) and referral to HIV prevention services (30% in 2012 vs. 46% in 2011).
- Despite the decrease in missing/invalid data, continued improvement in data completeness is needed, particularly for linkage to medical care (i.e., linkage within 90 days and linkage within 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.

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<sup>6</sup> In the 2011 testing report, only the maximum percentage for each indicator was presented. Therefore, comparisons are only made for the maximum percentages. Linkage to HIV medical care within 90 days and interview for partner services are new indicators for the 2012 report.

## Results

In 2012, 3,379,152 CDC-funded HIV testing events were conducted among the 61 health department jurisdictions in the United States, Puerto Rico and U.S. Virgin Islands (Table 1). Of those HIV testing events, complete test-level NHM&E data were submitted to CDC for 3,287,024 testing events from 59 jurisdictions (Table 4). Aggregate-level HIV testing data are reported for Michigan and Oregon.

More testing was conducted in health care and correctional facilities (2,297,501; 69.9%) than in non-health care settings (985,611; 30%) (Table 2). More than half of all tests were conducted in the South (1,935,693; 58.9%). More females (1,679,449; 51.1%) were tested than males (1,574,184; 47.9%), but males were much more likely to be newly identified HIV-positive (0.8%) than females (0.2%).

By age group, the largest proportion of HIV testing was among persons aged 20–29 years (1,346,543; 41%), and the lowest was among persons younger than 13 years (5,133; 0.2%). By race/ethnicity, the largest proportion of testing was among blacks/African Americans (1,444,796; 44%), followed by whites (895,814; 27.3%) and Hispanics/Latinos (686,757; 20.9%). Lastly, a rapid test was used for 56.5% of HIV testing events (Table 6).

### HIV-Positive Testing Events

In 2012, 26,696 HIV-positive testing events were conducted, for a positivity percentage of 0.8%. Preliminary HIV-positive test results accounted for 3,826 (0.1%) of the total testing events, and confirmed HIV-positive test results accounted for 24,136 (0.7%) of the total testing events (Table 1).

### Previous HIV-Positive Testing Events

Previous HIV-positive testing events accounted for 0.2% (8,048) of the total testing events, and of those who had previously tested HIV-positive, 6.8% (546) reported that they were already in HIV medical care. Houston (1.1%), Atlanta (0.9%), San Francisco (0.8%), Washington (0.7%), and Mississippi (0.6%) were the health department jurisdictions most likely to test previously diagnosed HIV-positive persons. Among previously diagnosed HIV-positive persons, 37.8%–85.6% were linked to HIV medical within 90 days after diagnosis, and 55.4%–78.1% were linked to HIV medical care within any timeframe (Table 3).

### Newly Identified HIV-Positive Persons

Among 2012 HIV testing events, 16,976 (0.5%) were newly identified HIV-positive (Table 4), of which 13,754 (81%) were confirmed HIV-positive (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.

The target populations with the highest newly identified HIV positivity percentages were MSM who inject drugs (3.7%), MSM (3.1%), transgender persons who inject drugs (3.1%), and transgender persons (1.7%).

Other groups with newly identified HIV positivity percentages greater than the national average of 0.5% were males (0.8%), persons aged 40–49 (0.7%) and 30–39 (0.6%) years, multi-racial persons (0.7%) and black/African American persons (0.6%).

By geographic region, the highest percentages of HIV positivity were in the U.S. dependent areas (1.3%) and the West (0.7%). 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 in Atlanta (1.7%), Illinois (excludes Chicago) (1.6%), Puerto Rico (1.5%), and Arkansas (1.2%) (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, 88.9%–95.4% received their HIV test results. By test setting type, 84.5%–94.6% received their results in health care and correctional facilities, compared with 95.2%–96.5% in non-health care facilities.

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

Because of the 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 with a preliminary HIV positive test result, 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 (including linkage within 90 days).

Among newly identified HIV-positive persons, 36%–82.2% were linked to HIV medical care within 90 days (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: 34.8%–80.8% of persons aged 20–29 years and 36.1%–84.1% 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 (22.2%–80%) (Table 6).
- Gender: Males (36.5%–82.6%) were linked within 90 days at rates similar to those of females (35%–81.4%) (Table 6).
- Test setting: Rates of linkage within 90 days were similar among persons tested in health care and correctional facilities (36.4%–81.7%) and persons tested in non-health care facilities (35.6%–83.1%) (Tables 6, 8, 10).

- Race/ethnicity: Hispanics/Latinos (45.1%–88.5%) were linked within 90 days more than whites (36.7%–85.6%) and blacks/African Americans (33.4%–78.8%) (Table 6).
- U.S. geographic region: Persons in the U.S. dependent areas (81.2%–95.6%) were linked within 90 days more than persons in other regions, and those in the South were least likely to be linked (29.9%–80%) (Table 6).

Among newly identified HIV-positive persons, 51.3%–67.1% 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 (50.8%–67.5%) and 30–39 (53.5%–68.9%) were linked within any timeframe more than persons in other age groups. Persons younger than 13 years were least likely to be linked (33.3%–54.5%) (Table 6).
- Gender: Males (52.2%–67.5%) were linked within any timeframe more than females (48.2%–65.9%) (Table 6).
- Test setting: Rates of linkage within any timeframe were similar among persons tested in health care and correctional facilities (51.6%–67.9%) and persons tested in non-health care facilities (50.8%–66.1%) (Tables 6, 8, 10).
- Race/ethnicity: Hispanics/Latinos (63.5%–76.6%) were linked within any timeframe more than whites (52.5%–67.1%) and blacks/African Americans (46.6%–63.8%) (Table 6).
- U.S. geographic region: Persons in the U.S. dependent areas (82.1%–86.1%) were linked within any timeframe more than persons in other regions, and those in the South were least likely to be linked (44.5%–60.6%) (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, but others may refer the person to another agency or clinic. Among all newly identified HIV-positive persons, 65.7%–81.1% were referred to partner services in 2012 (Table 5). Percentages for referral to partner services varied when demographic characteristics and missing/invalid data were taken into account.

- Age: 68.5%–83.9% of persons aged 20–29 years and 65.3%–81.2% of persons aged 30–39 years were referred to partner services, and persons younger than 13 years were least likely to be referred (50%–52.9%) (Table 7).

- Gender: Males (66.4%–81.7%) were referred to partner services more than females (62%–78.1%) (Table 7).
- Test setting: Rates of referral to partner services were similar among persons tested in health care and correctional facilities (65.8%–81.8%) and persons tested in non-health care facilities (65.6%–80.1%) (Tables 7, 9, 11).
- Race/ethnicity: Hispanics/Latinos (68.5%–86%) were referred to partner services more than whites (67.4%–82.6%) and blacks/African Americans (64.8%–79.7%) (Table 7).
- U.S. geographic region: Persons in the West (76.9%–90.7%) were referred to partner services more than persons in the South (62.5%–80.5%) and in the Northeast (56.3%–66.7%) (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.

Interview for partner services is a new indicator in the 2012 annual HIV testing report. Among all newly identified HIV-positive persons, 34.1%–60.7% were interviewed for partner services in 2012 (Table 5). Percentages for interviewed for partner services varied when demographic characteristics and missing/invalid data were taken into account.

- Age: 35.2%–64.9% of persons aged 20–29 years and 33.5%–60.5% of persons aged 30–39 years were interviewed for partner services, and persons younger than 13 years were least likely to be interviewed (22.2%–33.3%) (Table 7).
- Gender: Males (34.2%–61.3%) were interviewed for partner services more than females (33.4%–57.8%) (Table 7).
- Test setting: Persons tested in health care and correctional facilities (35.4%–63.4%) were interviewed for partner services more than persons tested in non-health care facilities (32.1%–56.8%) (Tables 7, 9, 11).
- Race/ethnicity: Hispanics/Latinos (39.5%–67.1%) were interviewed for partner services more than whites (35%–61.8%) and blacks/African Americans (33.1%–59.6%) (Table 7).
- U.S. geographic region: Persons in the U.S. dependent areas (84.7%–87.3%) were interviewed for partner services more than persons in other regions. Persons in the Northeast were least likely to be interviewed (17.5%–34.1%) (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, 52.2%–74.1% were referred to HIV prevention services in 2012 (Table 5). Percentages for referral to HIV prevention services varied when demographic characteristics and missing/invalid data were taken into account.

- Age: 53.2%–75.6% of persons aged 20–29 years and 52.6%–73.4% of persons aged 30–39 years were referred to HIV prevention services, and persons younger than 13 years were least likely to be referred (38.9%–50%) (Table 7).
- Gender: Males (53.5%–74.7%) were referred to HIV prevention services more than females (47.5%–72.9%) (Table 7).
- Test setting: Rates of referral to HIV prevention services were similar among persons tested in health care and correctional facilities (53.1%–73.6%) and persons tested in non-health care facilities (51%–75%) (Tables 7, 9, 11).
- Race/ethnicity: Hispanics/Latinos (57.4%–77.5%) and whites (57.3%–74.3%) were referred to HIV prevention services more than blacks/African Americans (49.6%–73.7%) (Table 7).
- U.S. geographic region: Persons in the Midwest (69.6%–84.2%) and in the U.S. dependent areas (77.3%–78%) were referred to HIV prevention services more than persons in the Northeast (53.5%–69.2%) and in the South (45.1%–72.2%) (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) persons who report 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.

Ten percent (329,323) of HIV 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 target populations, followed by more detailed information for MSM and heterosexual females.

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

- Receipt of HIV test results: 93.2%–96.8% of MSM, 74.4%–91.3% of transgender persons, and 86.7%–94.2% of heterosexual females received their HIV test results.
- Linkage to HIV medical care within 90 days: 44.5%–84.9% of MSM, 37.4%–85.5% of transgender persons, and 41.1%–81.7% of heterosexual females were linked in 90 days (Table 6).
- Linkage to HIV medical care within any timeframe: 58.1%–72.6% of MSM, 50.5%–69.1% of transgender persons, and 53.2%–70.3% of heterosexual females were linked within any timeframe (Table 6).



- Referral to partner services: 77.9%–86.1% of MSM, 65.8%–78.1% of transgender persons, 71.5%–82.2% of heterosexual females were referred to partner services (Table 7).
- Interview for partner services: 42%–67.5% of MSM, 22.6%–46.7% transgender persons, and 39.6%–63.2% of heterosexual females were interviewed for partner services (Table 7).
- Referral to HIV prevention services: 63.6%–78.8% of MSM, 58.4%–73.5% of transgender persons, and 54.5%–76.4% of heterosexual females were referred to HIV prevention services (Table 7).

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

In 2012, 241,163 HIV testing events were conducted among MSM, with the majority in non-health care settings (60.8%). Of the total HIV testing events among MSM, 7,481 (3.1%) were newly identified HIV-positive. Among tests conducted in health care settings (94,422), 3.9% were newly identified HIV-positive and among those conducted in non-health care settings (146,639), 2.6% were newly identified HIV-positive. HIV positivity was higher for MSM tested in the U.S. dependent areas (6.1%) and in the South (4%), black/African American MSM (5.7%), and MSM aged 20-29 years (3.6%). Linkage to HIV medical care percentages among MSM varied by certain demographic characteristics (Table 12):

- Persons aged 20-29 years: 42.1%–82.5% were linked within 90 days, and 56.5%–71.6% were linked within any timeframe.
- Black/African Americans: 40.1%–80.8% were linked within 90 days, and 52.4%–69% were linked within any timeframe.
- South: 38.8%–83% were linked within 90 days, and 51.1%–67.1% were linked within any timeframe.
- U.S. dependent areas: 81.4%–96.8% were linked within 90 days, and 82.7%–85% were linked within any timeframe.

### **Heterosexual Females**

In 2012, 877,437 HIV testing events were conducted among heterosexual females, and of these, 2,202 (0.3%) were newly identified HIV-positive heterosexual females.

HIV positivity percentage was higher for females tested in the U.S. dependent areas (0.8%), females aged 50 years and older (0.7%), females aged 40-49 years (0.6%), and black/African American females (0.4%). Linkage to HIV medical care percentages among heterosexual females varied by certain demographic characteristics (Table 14):

- Females aged 40-49 years: 41%–78.9% were linked within 90 days, and 53.5%–69.3% were linked within any timeframe.

- Females aged 50 years and older: 48.8%–83% were linked within 90 days, and 59.6%–72.2% were linked within any timeframe.
- Black/African Americans: 38.5%–80.7% were linked within 90 days, and 51.1%–69.4% were linked within any timeframe.
- U.S. dependent areas: 85.2%–96.8% were linked within 90 days, and 85.2%–92% were linked within any timeframe.

## Conclusions

Significant changes were made to the 2012 annual HIV testing report in order to align with programmatic priorities for CDC-funded HIV testing programs. This report focuses on all newly identified HIV-positive persons, rather than only on newly identified confirmed HIV-positive persons.

In February 2013, a joint letter from CDC and HRSA emphasized that all persons identified as HIV-positive should be linked to HIV medical care, 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 increasingly 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 quality improvements are needed to more effectively track progress toward the goals outlined by NHAS and the DHAP Strategic Plan.

The need to decrease missing/invalid data continues. Missing/invalid data result from jurisdictions not collecting or documenting all required data elements or reporting invalid value codes for required data elements. Missing/invalid data percentages varied widely by indicator. Receipt of HIV result had the least missing/invalid data (7%), followed by referral to partner services (19%), linkage to HIV medical care within any timeframe (24%), and referral to HIV prevention services (30%). Linkage to HIV medical care within 90 days had the highest percentage of missing/invalid data (56%) (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 to submit complete data to CDC's NHM&E system so that CDC-funded HIV programs can be effectively monitored and evaluated.

## Technical Notes

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

The 2012 National HIV Prevention Monitoring and Evaluation (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 2012 that were reported to CDC by October 7, 2013.

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 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. TMET staff review the quality of the data with each health department jurisdiction to allow for discussion of any areas for improvement, and to instruct 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 HIV 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 is limited. 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 2010-2012. This table applies the new calculations to each of the indicators for years 2010-2012. These changes will be described further in the next section, "Definitions."
- Some findings may be influenced by whether HIV 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. However, for persons who are newly identified HIV-positive, this is limited because those with a current HIV-positive test result and self-report of a previous HIV-positive test result are excluded.
- HIV testing data are collected for HIV prevention program activities in conjunction with a health service delivery. 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. For this report, test-event-level data were reported for 59 health department jurisdictions.

### 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 diagnosis. 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, diffusion of 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 settings and for HIV-positive persons in health care settings. 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., 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 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 (0.47% of the total records for 2012) 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 (02/30/2012), incomplete dates (02/2012), 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 2012 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-healthcare 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

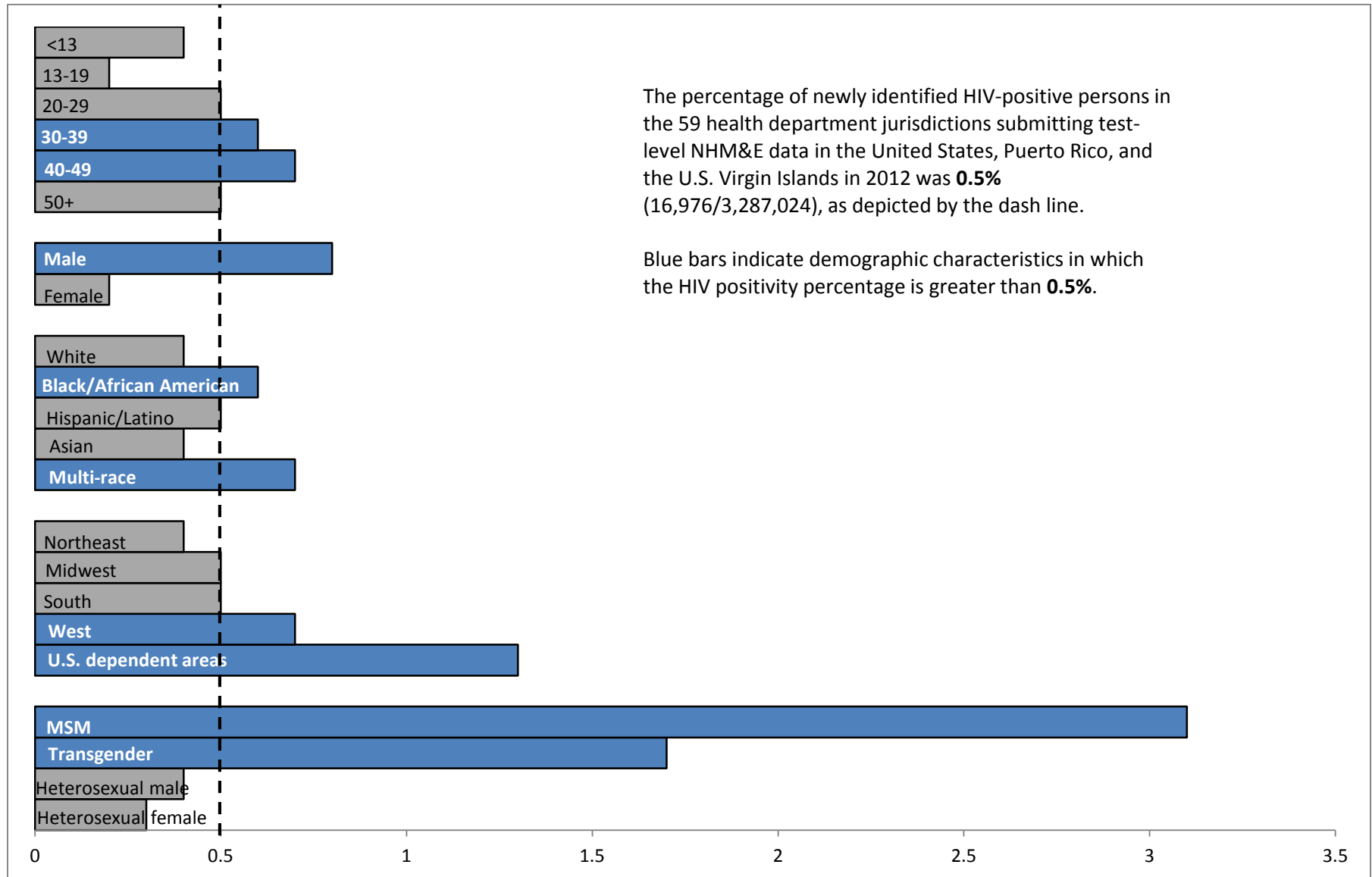
**U.S. geographic region**

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

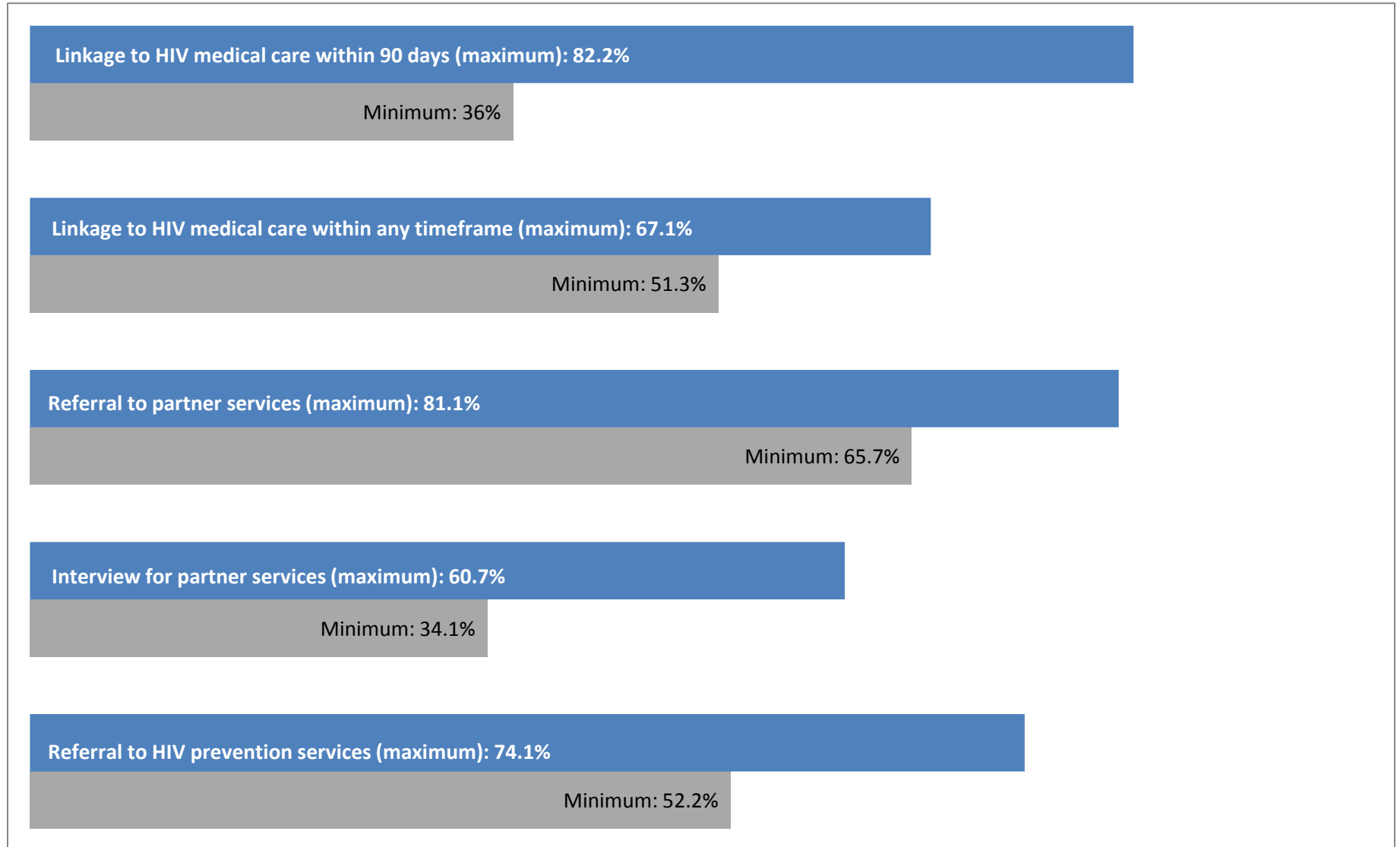
# Figures

**Figure 1. Newly identified HIV positivity percentages by characteristics of persons tested, 59 health department jurisdictions in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012.**



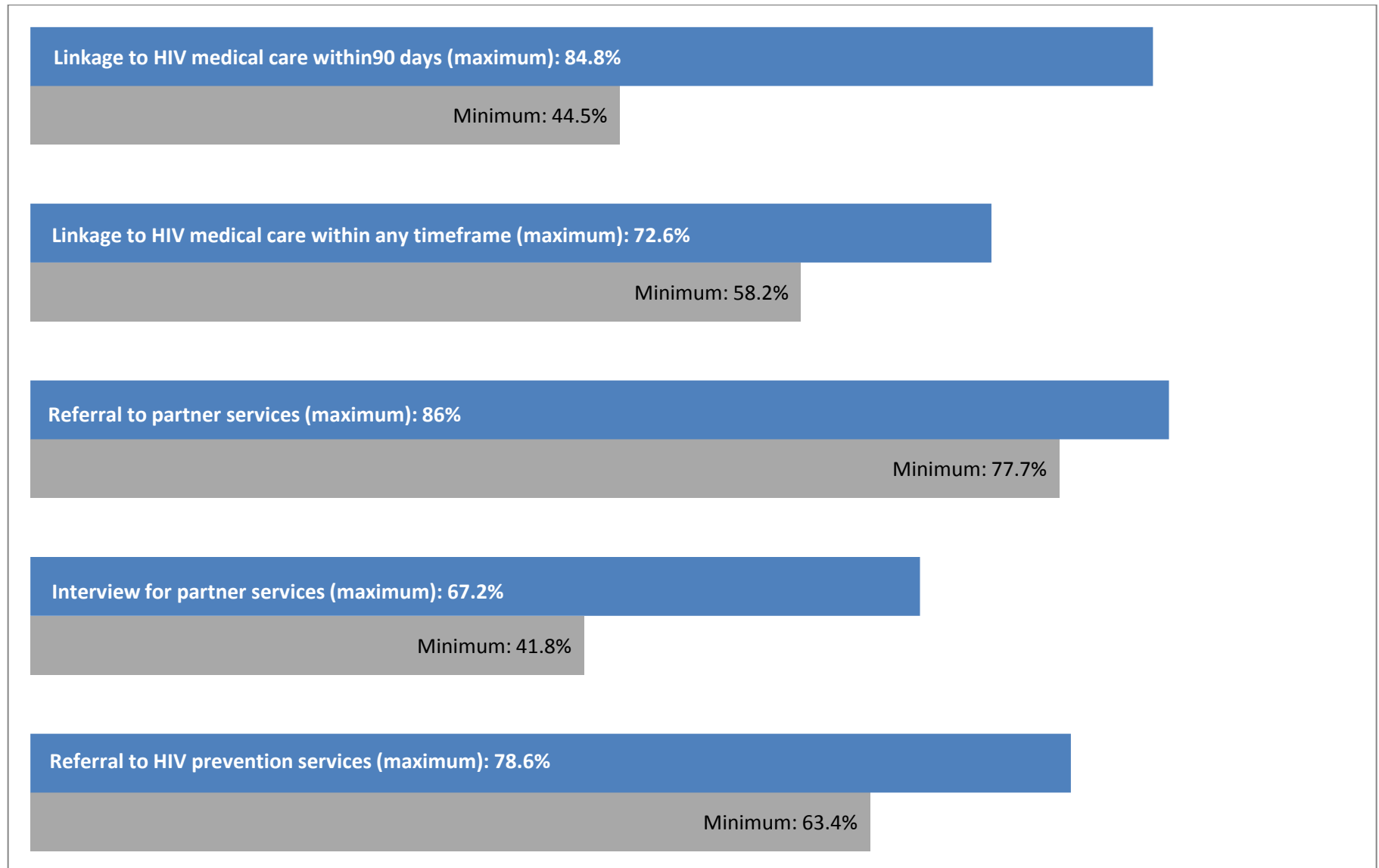
American Indian/Alaska Natives and Native Hawaiian/Pacific Islanders are omitted due to the small number of newly identified HIV-positive persons. Please refer to Tables 4 or 6 for figure data.

**Figure 2. HIV testing and care continuum indicators among newly identified HIV-positive persons, 59 health department jurisdictions in the United States, Puerto Rico, and the U. S. Virgin Islands, 2012.**



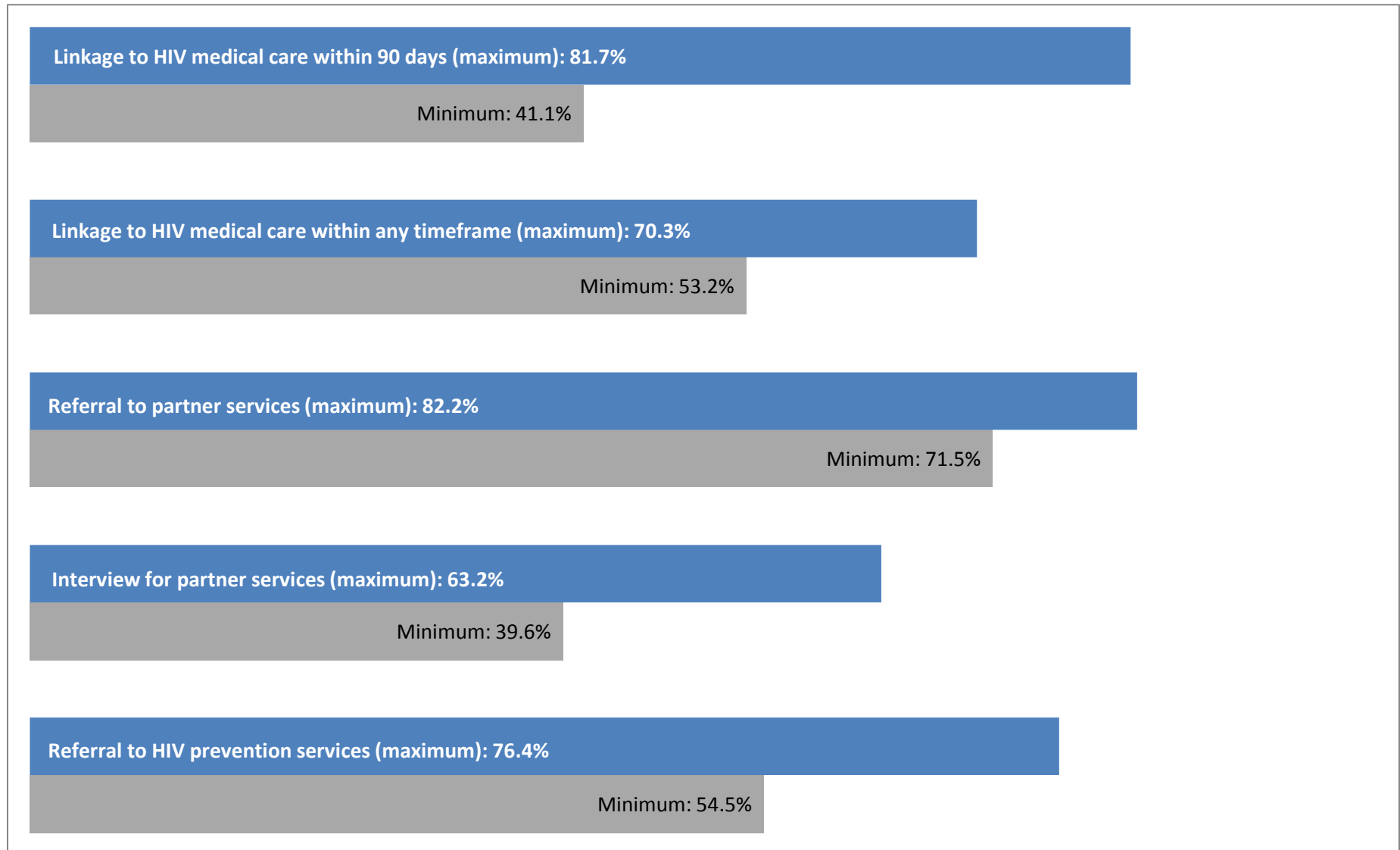
Maximum indicator percentages exclude missing data from the denominator. Minimum percentages include missing data in the denominator. Please refer to Tables 4-7 for figure data. **Note:** The maximum percentage for linkage to HIV medical care within 90 days is greater than the maximum percentage for 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), 59 health department jurisdictions in the United States, Puerto Rico, and the U. S. Virgin Islands, 2012.**



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 women, 59 health department jurisdictions in the United States, Puerto Rico, and the U. S. Virgin Islands, 2012.**



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, 2012.**

| CDC-funded jurisdiction                             | HIV testing events | HIV-positive testing events |              | Preliminary HIV-positive testing events |              | Confirmed HIV-positive testing events |              | Newly identified confirmed HIV-positive persons |              |
|---|--------------------|-----------------------------|--------------|---|--------------|---------------------------------------|--------------|---|--------------|
|   | No.                | No.                         | (Positive %) | No.                                     | (Positive %) | No.                                   | (Positive %) | No.   | (Positive %) |
| Alabama   | 100,182            | 587                         | (0.6)        | 24                                      | (0.0)        | 563                                   | (0.6)        | 197   | (0.2)        |
| Alaska  | 2,690              | 7                           | (0.3)        | 2                                       | (0.1)        | 5                                     | (0.2)        | 3   | (0.1)        |
| Arizona   | 26,438             | 294                         | (1.1)        | 46                                      | (0.2)        | 248                                   | (0.9)        | 162   | (0.6)        |
| Arkansas  | 49,222             | 599                         | (1.2)        | 44                                      | (0.1)        | 555                                   | (1.1)        | 543   | (1.1)        |
| California  |                    |                             |              |   |              |                                       |              |   |              |
| Los Angeles   | 116,585            | 1,301                       | (1.1)        | 273                                     | (0.2)        | 1,028                                 | (0.9)        | 815   | (0.7)        |
| San Francisco                                       | 47,824             | 685                         | (1.4)        | 23                                      | (0.0)        | 662                                   | (1.4)        | 246   | (0.5)        |
| California (excludes Los Angeles and San Francisco) | 91,893             | 541                         | (0.6)        | 102                                     | (0.1)        | 439                                   | (0.5)        | 351   | (0.4)        |
| Colorado  | 11,405             | 145                         | (1.3)        | 1                                       | (0.0)        | 144                                   | (1.3)        | 103   | (0.9)        |
| Connecticut   | 26,805             | 85                          | (0.3)        | 17                                      | (0.1)        | 68                                    | (0.3)        | 59  | (0.2)        |
| Delaware  | 10,856             | 56                          | (0.5)        | 3                                       | (0.0)        | 53                                    | (0.5)        | 44  | (0.4)        |
| District of Columbia                                | 113,789            | 844                         | (0.7)        | 651                                     | (0.6)        | 193                                   | (0.2)        | 180   | (0.2)        |
| Florida   | 407,086            | 4,393                       | (1.1)        | 380                                     | (0.1)        | 4,013                                 | (1.0)        | 2,319   | (0.6)        |
| Georgia   |                    |                             |              |   |              |                                       |              |   |              |
| Atlanta <sup>a</sup>                                | 41,960             | ...                         | ...          | ...                                     | ...          | 781                                   | (1.9)        | ...   | ...          |
| Georgia (excludes Atlanta)                          | 86,053             | 501                         | (0.6)        | 70                                      | (0.1)        | 431                                   | (0.5)        | 343   | (0.4)        |
| Hawaii  | 6,930              | 26                          | (0.4)        | 4                                       | (0.1)        | 22                                    | (0.3)        | 22  | (0.3)        |
| Idaho   | 4,564              | 21                          | (0.5)        | 10                                      | (0.2)        | 11                                    | (0.2)        | 9   | (0.2)        |
| Illinois  |                    |                             |              |   |              |                                       |              |   |              |
| Chicago   | 64,261             | 594                         | (0.9)        | 206                                     | (0.3)        | 388                                   | (0.6)        | 221   | (0.3)        |
| Illinois (excludes Chicago)                         | 6,239              | 107                         | (1.7)        | 12                                      | (0.2)        | 95                                    | (1.5)        | 87  | (1.4)        |
| Indiana   | 14,329             | 111                         | (0.8)        | 14                                      | (0.1)        | 97                                    | (0.7)        | 90  | (0.6)        |
| Iowa  | 5,695              | 33                          | (0.6)        | 0                                       | (0.0)        | 33                                    | (0.6)        | 29  | (0.5)        |
| Kansas  | 28,240             | 91                          | (0.3)        | 0                                       | (0.0)        | 91                                    | (0.3)        | 73  | (0.3)        |
| Kentucky  | 28,251             | 141                         | (0.5)        | 62                                      | (0.2)        | 79                                    | (0.3)        | 69  | (0.2)        |
| Louisiana   | 97,476             | 1,050                       | (1.1)        | 39                                      | (0.0)        | 1,011                                 | (1.0)        | 253   | (0.3)        |
| Maine   | 3,631              | 12                          | (0.3)        | 0                                       | (0.0)        | 12                                    | (0.3)        | 8   | (0.2)        |
| Maryland  |                    |                             |              |   |              |                                       |              |   |              |
| Baltimore   | 46,106             | 499                         | (1.1)        | 32                                      | (0.1)        | 467                                   | (1.0)        | 359   | (0.8)        |
| Maryland (excludes Baltimore)                       | 57,844             | 423                         | (0.7)        | 184                                     | (0.3)        | 239                                   | (0.4)        | 182   | (0.3)        |
| Massachusetts                                       | 66,458             | 391                         | (0.6)        | 167                                     | (0.3)        | 224                                   | (0.3)        | 76  | (0.1)        |
| Michigan <sup>b</sup>                               | 75,040             | ...                         | ...          | ...                                     | ...          | 418                                   | (0.6)        | ...   | ...          |
| Minnesota   | 13,828             | 142                         | (1.0)        | 40                                      | (0.3)        | 102                                   | (0.7)        | 95  | (0.7)        |
| Mississippi   | 83,319             | 885                         | (1.1)        | 65                                      | (0.1)        | 820                                   | (1.0)        | 380   | (0.5)        |
| Missouri  | 88,514             | 596                         | (0.7)        | 45                                      | (0.1)        | 551                                   | (0.6)        | 161   | (0.2)        |

| CDC-funded jurisdiction              | HIV testing events | HIV-positive testing events | Preliminary HIV-positive testing events | Confirmed HIV-positive testing events | Newly identified confirmed HIV-positive persons |                     |                     |                     |
|--------------------------------------|--------------------|-----------------------------|---|---------------------------------------|---|---------------------|---------------------|---------------------|
|                                      | No.                | (Positive %)                | No.                                     | (Positive %)                          | No.   | (Positive %)        | No.                 | (Positive %)        |
| Montana                              | 2,189              | 6 (0.3)                     | 3 (0.1)                                 | 3 (0.1)                               | 3 (0.1)   | 3 (0.1)             | 3 (0.1)             | 3 (0.1)             |
| Nebraska                             | 9,732              | 23 (0.2)                    | 10 (0.1)                                | 10 (0.1)                              | 13 (0.1)  | 11 (0.1)            | 11 (0.1)            | 11 (0.1)            |
| Nevada                               | 21,685             | 254 (1.2)                   | 11 (0.1)                                | 11 (0.1)                              | 243 (1.1)                                       | 175 (0.8)           | 175 (0.8)           | 175 (0.8)           |
| New Hampshire                        | 1,081              | 7 (0.6)                     | 0 (0.0)                                 | 0 (0.0)                               | 7 (0.6)   | 7 (0.6)             | 7 (0.6)             | 7 (0.6)             |
| New Jersey                           | 66,884             | 498 (0.7)                   | 124 (0.2)                               | 124 (0.2)                             | 374 (0.6)                                       | 291 (0.4)           | 291 (0.4)           | 291 (0.4)           |
| New Mexico                           | 7,481              | 66 (0.9)                    | 7 (0.1)                                 | 7 (0.1)                               | 59 (0.8)  | 44 (0.6)            | 44 (0.6)            | 44 (0.6)            |
| New York                             |                    |                             |   |                                       |   |                     |                     |                     |
| New York City                        | 114,316            | 718 (0.6)                   | 129 (0.1)                               | 129 (0.1)                             | 589 (0.5)                                       | 500 (0.4)           | 500 (0.4)           | 500 (0.4)           |
| New York (excludes New York City)    | 185,726            | 1,058 (0.6)                 | 125 (0.1)                               | 125 (0.1)                             | 933 (0.5)                                       | 587 (0.3)           | 587 (0.3)           | 587 (0.3)           |
| North Carolina                       | 212,537            | 802 (0.4)                   | 0 (0.0)                                 | 0 (0.0)                               | 802 (0.4)                                       | 537 (0.3)           | 537 (0.3)           | 537 (0.3)           |
| North Dakota                         | 3,442              | 2 (0.1)                     | 0 (0.0)                                 | 0 (0.0)                               | 2 (0.1)   | 2 (0.1)             | 2 (0.1)             | 2 (0.1)             |
| Ohio                                 | 60,549             | 445 (0.7)                   | 128 (0.2)                               | 128 (0.2)                             | 317 (0.5)                                       | 271 (0.4)           | 271 (0.4)           | 271 (0.4)           |
| Oklahoma                             | 21,660             | 180 (0.8)                   | 33 (0.2)                                | 33 (0.2)                              | 147 (0.7)                                       | 109 (0.5)           | 109 (0.5)           | 109 (0.5)           |
| Oregon <sup>b</sup>                  | 10,824             | ... ..                      | ... ..                                  | ... ..                                | 67 (0.6)  | ... ..              | ... ..              | ... ..              |
| Pennsylvania                         |                    |                             |   |                                       |   |                     |                     |                     |
| Philadelphia                         | 81,746             | 542 (0.7)                   | 89 (0.1)                                | 89 (0.1)                              | 453 (0.6)                                       | 326 (0.4)           | 326 (0.4)           | 326 (0.4)           |
| Pennsylvania (excludes Philadelphia) | 85,353             | 422 (0.5)                   | 33 (0.0)                                | 33 (0.0)                              | 389 (0.5)                                       | 240 (0.3)           | 240 (0.3)           | 240 (0.3)           |
| Rhode Island                         | 2,178              | 18 (0.8)                    | 10 (0.5)                                | 10 (0.5)                              | 8 (0.4)   | 5 (0.2)             | 5 (0.2)             | 5 (0.2)             |
| South Carolina                       | 80,074             | 723 (0.9)                   | 143 (0.2)                               | 143 (0.2)                             | 580 (0.7)                                       | 103 (0.1)           | 103 (0.1)           | 103 (0.1)           |
| South Dakota                         | 1,240              | 3 (0.2)                     | 0 (0.0)                                 | 0 (0.0)                               | 3 (0.2)   | 3 (0.2)             | 3 (0.2)             | 3 (0.2)             |
| Tennessee                            | 145,867            | 1,220 (0.8)                 | 117 (0.1)                               | 117 (0.1)                             | 1,103 (0.8)                                     | 744 (0.5)           | 744 (0.5)           | 744 (0.5)           |
| Texas                                |                    |                             |   |                                       |   |                     |                     |                     |
| Houston                              | 70,133             | 1,138 (1.6)                 | 56 (0.1)                                | 56 (0.1)                              | 1,082 (1.5)                                     | 111 (0.2)           | 111 (0.2)           | 111 (0.2)           |
| Texas (excludes Houston)             | 214,617            | 2,060 (1.0)                 | 170 (0.1)                               | 170 (0.1)                             | 1,890 (0.9)                                     | 1,254 (0.6)         | 1,254 (0.6)         | 1,254 (0.6)         |
| Utah                                 | 7,863              | 58 (0.7)                    | 27 (0.3)                                | 27 (0.3)                              | 31 (0.4)  | 30 (0.4)            | 30 (0.4)            | 30 (0.4)            |
| Vermont                              | 3,079              | 5 (0.2)                     | 2 (0.1)                                 | 2 (0.1)                               | 3 (0.1)   | 3 (0.1)             | 3 (0.1)             | 3 (0.1)             |
| Virginia                             | 69,814             | 315 (0.5)                   | 25 (0.0)                                | 25 (0.0)                              | 290 (0.4)                                       | 232 (0.3)           | 232 (0.3)           | 232 (0.3)           |
| Washington                           | 15,186             | 240 (1.6)                   | 22 (0.1)                                | 22 (0.1)                              | 218 (1.4)                                       | 127 (0.8)           | 127 (0.8)           | 127 (0.8)           |
| West Virginia                        | 5,111              | 18 (0.4)                    | 1 (0.0)                                 | 1 (0.0)                               | 17 (0.3)  | 11 (0.2)            | 11 (0.2)            | 11 (0.2)            |
| Wisconsin                            | 14,240             | 106 (0.7)                   | 12 (0.1)                                | 12 (0.1)                              | 94 (0.7)  | 87 (0.6)            | 87 (0.6)            | 87 (0.6)            |
| Wyoming                              | 4,024              | 9 (0.2)                     | 5 (0.1)                                 | 5 (0.1)                               | 4 (0.1)   | 0 (0.0)             | 0 (0.0)             | 0 (0.0)             |
| Puerto Rico                          | 33,291             | 598 (1.8)                   | 27 (0.1)                                | 27 (0.1)                              | 571 (1.7)                                       | 461 (1.4)           | 461 (1.4)           | 461 (1.4)           |
| U.S. Virgin Islands                  | 3,717              | 2 (0.1)                     | 1 (0.0)                                 | 1 (0.0)                               | 1 (0.0)   | 1 (0.0)             | 1 (0.0)             | 1 (0.0)             |
| <b>Total</b>                         | <b>3,379,152</b>   | <b>26,696 (0.8)</b>         | <b>3,826 (0.1)</b>                      | <b>3,826 (0.1)</b>                    | <b>24,136 (0.7)</b>                             | <b>13,754 (0.4)</b> | <b>13,754 (0.4)</b> | <b>13,754 (0.4)</b> |

<sup>a</sup> Data from Atlanta were reported at the aggregate level only for Table 1, which added 6,246 testing events but excluded 929 HIV-positive testing events, 130 preliminary HIV-positive testing events, 18 confirmed HIV-positive testing events, and 512 newly identified confirmed HIV-positive persons that are included in the remaining tables, which display test-level data.

<sup>b</sup> Data from Michigan and Oregon are reported at the aggregate level and are therefore only reported in Table 1. As a result, the number of HIV testing events and confirmed HIV-positive testing events are higher in Table 1 and are reflected in the totals. The tables that follow exclude data from Michigan and Oregon and only report test-level data.

**Table 2. Number of HIV testing events and newly identified HIV positivity percentages by test setting for 59 CDC-funded health department jurisdictions submitting test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012.**

| CDC-funded jurisdiction                             | Health care and correctional facilities |        |                                       |                  | Non-health care facilities |        |                                       |                  |
|---|---|--------|---------------------------------------|------------------|----------------------------|--------|---------------------------------------|------------------|
|   | HIV testing events                      |        | Newly identified HIV-positive persons |                  | HIV testing events         |        | Newly identified HIV-positive persons |                  |
|   | No.                                     | (%)    | No.                                   | (New positive %) | No.                        | (%)    | No.                                   | (New positive %) |
| Alabama   | 76,546                                  | (76.4) | 173                                   | (0.2)            | 23,636                     | (23.6) | 30                                    | (0.1)            |
| Alaska  | 225                                     | (8.4)  | 2                                     | (0.9)            | 2,465                      | (91.6) | 2                                     | (0.1)            |
| Arizona   | 13,404                                  | (50.7) | 117                                   | (0.9)            | 13,034                     | (49.3) | 76                                    | (0.6)            |
| Arkansas  | 45,566                                  | (92.6) | 517                                   | (1.1)            | 3,656                      | (7.4)  | 63                                    | (1.7)            |
| California  |   |        |                                       |                  |                            |        |                                       |                  |
| Los Angeles   | 68,495                                  | (58.8) | 519                                   | (0.8)            | 48,090                     | (41.2) | 510                                   | (1.1)            |
| San Francisco                                       | 29,259                                  | (61.2) | 57                                    | (0.2)            | 18,432                     | (38.5) | 202                                   | (1.1)            |
| California (excludes Los Angeles and San Francisco) | 71,708                                  | (78.0) | 305                                   | (0.4)            | 19,703                     | (21.4) | 111                                   | (0.6)            |
| Colorado  | 8,120                                   | (71.2) | 50                                    | (0.6)            | 3,285                      | (28.8) | 54                                    | (1.6)            |
| Connecticut   | 13,641                                  | (50.9) | 32                                    | (0.2)            | 13,164                     | (49.1) | 36                                    | (0.3)            |
| Delaware  | 6,568                                   | (60.5) | 26                                    | (0.4)            | 4,288                      | (39.5) | 19                                    | (0.4)            |
| District of Columbia                                | 109,595                                 | (96.3) | 589                                   | (0.5)            | 4,194                      | (3.7)  | 70                                    | (1.7)            |
| Florida   | 246,842                                 | (60.6) | 1,217                                 | (0.5)            | 160,235                    | (39.4) | 1,374                                 | (0.9)            |
| Georgia   |   |        |                                       |                  |                            |        |                                       |                  |
| Atlanta   | 21,399                                  | (59.9) | 222                                   | (1.0)            | 14,210                     | (39.8) | 379                                   | (2.7)            |
| Georgia (excludes Atlanta)                          | 78,181                                  | (90.9) | 296                                   | (0.4)            | 7,872                      | (9.1)  | 97                                    | (1.2)            |
| Hawaii  | 3,202                                   | (46.2) | 5                                     | (0.2)            | 3,728                      | (53.8) | 20                                    | (0.5)            |
| Idaho   | 2,179                                   | (47.7) | 11                                    | (0.5)            | 2,385                      | (52.3) | 4                                     | (0.2)            |
| Illinois  |   |        |                                       |                  |                            |        |                                       |                  |
| Chicago   | 50,977                                  | (79.3) | 225                                   | (0.4)            | 13,284                     | (20.7) | 147                                   | (1.1)            |
| Illinois (excludes Chicago)                         | 2,042                                   | (32.7) | 32                                    | (1.6)            | 4,197                      | (67.3) | 67                                    | (1.6)            |
| Indiana   | 8,156                                   | (56.9) | 36                                    | (0.4)            | 6,173                      | (43.1) | 67                                    | (1.1)            |
| Iowa  | 4,198                                   | (73.7) | 18                                    | (0.4)            | 1,497                      | (26.3) | 11                                    | (0.7)            |
| Kansas  | 25,518                                  | (90.4) | 47                                    | (0.2)            | 2,722                      | (9.6)  | 26                                    | (1.0)            |
| Kentucky  | 23,767                                  | (84.1) | 95                                    | (0.4)            | 4,484                      | (15.9) | 33                                    | (0.7)            |
| Louisiana   | 65,743                                  | (67.4) | 122                                   | (0.2)            | 31,733                     | (32.6) | 150                                   | (0.5)            |
| Maine   | 1,575                                   | (43.4) | 4                                     | (0.3)            | 2,056                      | (56.6) | 4                                     | (0.2)            |
| Maryland  |   |        |                                       |                  |                            |        |                                       |                  |
| Baltimore   | 32,832                                  | (71.2) | 193                                   | (0.6)            | 13,274                     | (28.8) | 188                                   | (1.4)            |
| Maryland (excludes Baltimore)                       | 31,689                                  | (54.8) | 165                                   | (0.5)            | 26,151                     | (45.2) | 121                                   | (0.5)            |
| Massachusetts                                       | 47,814                                  | (71.9) | 92                                    | (0.2)            | 18,644                     | (28.1) | 30                                    | (0.2)            |
| Minnesota   | 10,567                                  | (76.4) | 107                                   | (1.0)            | 3,261                      | (23.6) | 20                                    | (0.6)            |

| CDC-funded jurisdiction              | Health care and correctional facilities |               |                                       |                  | Non-health care facilities |               |                                       |                  |
|--------------------------------------|---|---------------|---------------------------------------|------------------|----------------------------|---------------|---------------------------------------|------------------|
|                                      | HIV testing events                      |               | Newly identified HIV-positive persons |                  | HIV testing events         |               | Newly identified HIV-positive persons |                  |
|                                      | No.                                     | (%)           | No.                                   | (New positive %) | No.                        | (%)           | No.                                   | (New positive %) |
| Mississippi                          | 72,512                                  | (87.0)        | 389                                   | (0.5)            | 10,807                     | (13.0)        | 24                                    | (0.2)            |
| Missouri                             | 76,345                                  | (86.3)        | 101                                   | (0.1)            | 12,169                     | (13.7)        | 82                                    | (0.7)            |
| Montana                              | 482                                     | (22.0)        | 0                                     | (0.0)            | 1,707                      | (78.0)        | 4                                     | (0.2)            |
| Nebraska                             | 7,418                                   | (76.2)        | 10                                    | (0.1)            | 2,314                      | (23.8)        | 8                                     | (0.3)            |
| Nevada                               | 12,934                                  | (59.6)        | 99                                    | (0.8)            | 8,751                      | (40.4)        | 85                                    | (1.0)            |
| New Hampshire                        | 1,065                                   | (98.5)        | 7                                     | (0.7)            | 16                         | (1.5)         | 0                                     | (0.0)            |
| New Jersey                           | 48,434                                  | (72.4)        | 208                                   | (0.4)            | 18,444                     | (27.6)        | 179                                   | (1.0)            |
| New Mexico                           | 4,060                                   | (54.3)        | 32                                    | (0.8)            | 3,421                      | (45.7)        | 18                                    | (0.5)            |
| New York                             |   |               |                                       |                  |                            |               |                                       |                  |
| New York City                        | 66,394                                  | (58.1)        | 270                                   | (0.4)            | 47,922                     | (41.9)        | 323                                   | (0.7)            |
| New York (excludes New York City)    | 83,115                                  | (44.8)        | 420                                   | (0.5)            | 102,144                    | (55.0)        | 242                                   | (0.2)            |
| North Carolina                       | 114,330                                 | (53.8)        | 187                                   | (0.2)            | 97,851                     | (46.0)        | 347                                   | (0.4)            |
| North Dakota                         | 2,555                                   | (74.2)        | 0                                     | (0.0)            | 887                        | (25.8)        | 2                                     | (0.2)            |
| Ohio                                 | 43,957                                  | (72.6)        | 276                                   | (0.6)            | 16,592                     | (27.4)        | 104                                   | (0.6)            |
| Oklahoma                             | 16,159                                  | (74.6)        | 47                                    | (0.3)            | 5,501                      | (25.4)        | 91                                    | (1.7)            |
| Pennsylvania                         |   |               |                                       |                  |                            |               |                                       |                  |
| Philadelphia                         | 72,111                                  | (88.2)        | 226                                   | (0.3)            | 9,635                      | (11.8)        | 161                                   | (1.7)            |
| Pennsylvania (excludes Philadelphia) | 68,024                                  | (79.7)        | 172                                   | (0.3)            | 15,638                     | (18.3)        | 84                                    | (0.5)            |
| Rhode Island                         | 457                                     | (21.0)        | 5                                     | (1.1)            | 1,679                      | (77.1)        | 10                                    | (0.6)            |
| South Carolina                       | 70,673                                  | (88.3)        | 95                                    | (0.1)            | 8,844                      | (11.0)        | 105                                   | (1.2)            |
| South Dakota                         | 505                                     | (40.7)        | 1                                     | (0.2)            | 735                        | (59.3)        | 2                                     | (0.3)            |
| Tennessee                            | 125,418                                 | (86.0)        | 738                                   | (0.6)            | 20,449                     | (14.0)        | 101                                   | (0.5)            |
| Texas                                |   |               |                                       |                  |                            |               |                                       |                  |
| Houston                              | 65,093                                  | (92.8)        | 35                                    | (0.1)            | 5,040                      | (7.2)         | 119                                   | (2.4)            |
| Texas (excludes Houston)             | 133,904                                 | (62.4)        | 693                                   | (0.5)            | 80,635                     | (37.6)        | 642                                   | (0.8)            |
| Utah                                 | 4,851                                   | (61.7)        | 35                                    | (0.7)            | 3,012                      | (38.3)        | 17                                    | (0.6)            |
| Vermont                              | 2,230                                   | (72.4)        | 4                                     | (0.2)            | 849                        | (27.6)        | 1                                     | (0.1)            |
| Virginia                             | 58,198                                  | (83.4)        | 166                                   | (0.3)            | 11,616                     | (16.6)        | 90                                    | (0.8)            |
| Washington                           | 5,800                                   | (38.2)        | 57                                    | (1.0)            | 9,386                      | (61.8)        | 79                                    | (0.8)            |
| West Virginia                        | 3,583                                   | (70.1)        | 7                                     | (0.2)            | 1,528                      | (29.9)        | 5                                     | (0.3)            |
| Wisconsin                            | 6,534                                   | (45.9)        | 25                                    | (0.4)            | 7,706                      | (54.1)        | 70                                    | (0.9)            |
| Wyoming                              | 3,808                                   | (94.6)        | 0                                     | (0.0)            | 216                        | (5.4)         | 0                                     | (0.0)            |
| Puerto Rico                          | 24,497                                  | (73.6)        | 414                                   | (1.7)            | 8,794                      | (26.4)        | 69                                    | (0.8)            |
| U.S. Virgin Islands                  | 2,247                                   | (60.5)        | 1                                     | (0.0)            | 1,470                      | (39.5)        | 1                                     | (0.1)            |
| <b>Total</b>                         | <b>2,297,501</b>                        | <b>(69.9)</b> | <b>9,994</b>                          | <b>(0.4)</b>     | <b>985,611</b>             | <b>(30.0)</b> | <b>6,976</b>                          | <b>(0.7)</b>     |

**Table 3. HIV testing and care continuum for persons identified as previously HIV-positive for 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012.**

| CDC-funded jurisdiction                             | HIV testing events | Previous HIV-positive persons | Already in HIV medical care |     | Linkage to HIV medical care within any medical timeframe <sup>a</sup> |        |            |                  |                      |                       | Linkage to HIV medical care in 90 days <sup>a,b</sup> |        |            |                  |                      |                       |                       |
|---|--------------------|-------------------------------|-----------------------------|-----|---|--------|------------|------------------|----------------------|-----------------------|---|--------|------------|------------------|----------------------|-----------------------|-----------------------|
|   | All testing events | 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   | 100,182            | 235                           | (0.2)                       | 0   | (0.0)   | 0      | 0          | 235              | (100.0)              | (0.0)                 | (0.0)   | 0      | 0          | 235              | (100.0)              | (0.0)                 | (0.0)                 |
| Alaska  | 2,690              | 2                             | (0.1)                       | 0   | (0.0)   | 1      | 0          | 1                | (50.0)               | (50.0)                | (100.0)   | 1      | 0          | 1                | (50.0)               | (50.0)                | (100.0)               |
| Arizona   | 26,438             | 73                            | (0.3)                       | 1   | (1.4)   | 66     | 5          | 1                | (1.4)                | (91.7)                | (93.0)  | 0      | 1          | 71               | (98.6)               | (0.0)                 | (0.0)                 |
| Arkansas  | 49,222             | 13                            | (0.0)                       | 1   | (7.7)   | 3      | 2          | 7                | (58.3)               | (25.0)                | (60.0)  | 1      | 1          | 10               | (83.3)               | (8.3)                 | (50.0)                |
| California  |                    |                               |                             |     |   |        |            |                  |                      |                       |   |        |            |                  |                      |                       |                       |
| Los Angeles   | 116,585            | 253                           | (0.2)                       | 15  | (5.9)   | 177    | 25         | 36               | (15.1)               | (74.4)                | (87.6)  | 97     | 9          | 132              | (55.5)               | (40.8)                | (91.5)                |
| San Francisco                                       | 47,824             | 391                           | (0.8)                       | 3   | (0.8)   | 221    | 14         | 153              | (39.4)               | (57.0)                | (94.0)  | 13     | 1          | 374              | (96.4)               | (3.4)                 | (92.9)                |
| California (excludes Los Angeles and San Francisco) | 91,893             | 92                            | (0.1)                       | 0   | (0.0)   | 65     | 24         | 3                | (3.3)                | (70.7)                | (73.0)  | 47     | 19         | 26               | (28.3)               | (51.1)                | (71.2)                |
| Colorado  | 11,405             | 31                            | (0.3)                       | 7   | (22.6)  | 22     | 2          | 0                | (0.0)                | (91.7)                | (91.7)  | 16     | 1          | 7                | (29.2)               | (66.7)                | (94.1)                |
| Connecticut   | 26,805             | 13                            | (0.0)                       | 0   | (0.0)   | 6      | 6          | 1                | (7.7)                | (46.2)                | (50.0)  | 4      | 1          | 8                | (61.5)               | (30.8)                | (80.0)                |
| Delaware  | 10,856             | 11                            | (0.1)                       | 2   | (18.2)  | 8      | 1          | 0                | (0.0)                | (88.9)                | (88.9)  | 8      | 0          | 1                | (11.1)               | (88.9)                | (100.0)               |
| District of Columbia                                | 113,789            | 136                           | (0.1)                       | 29  | (21.3)  | 41     | 25         | 41               | (38.3)               | (38.3)                | (62.1)  | 26     | 17         | 64               | (59.8)               | (24.3)                | (60.5)                |
| Florida   | 407,086            | 1,598                         | (0.4)                       | 0   | (0.0)   | 1,255  | 330        | 13               | (0.8)                | (78.5)                | (79.2)  | 1,190  | 84         | 324              | (20.3)               | (74.5)                | (93.4)                |
| Georgia   |                    |                               |                             |     |   |        |            |                  |                      |                       |   |        |            |                  |                      |                       |                       |
| Atlanta   | 35,696             | 321                           | (0.9)                       | 6   | (1.9)   | 199    | 97         | 19               | (6.0)                | (63.2)                | (67.2)  | 188    | 81         | 46               | (14.6)               | (59.7)                | (69.9)                |
| Georgia (excludes Atlanta)                          | 86,053             | 103                           | (0.1)                       | 10  | (9.7)   | 49     | 11         | 33               | (35.5)               | (52.7)                | (81.7)  | 42     | 8          | 43               | (46.2)               | (45.2)                | (84.0)                |
| Hawaii  | 6,930              | 1                             | (0.0)                       | 1   | (100.0)   | 0      | 0          | 0                | (0.0)                | (0.0)                 | (0.0)   | 0      | 0          | 0                | (0.0)                | (0.0)                 | (0.0)                 |
| Idaho   | 4,564              | 3                             | (0.1)                       | 2   | (66.7)  | 1      | 0          | 0                | (0.0)                | (100.0)               | (100.0)   | 1      | 0          | 0                | (0.0)                | (100.0)               | (100.0)               |
| Illinois  |                    |                               |                             |     |   |        |            |                  |                      |                       |   |        |            |                  |                      |                       |                       |
| Chicago   | 64,261             | 116                           | (0.2)                       | 38  | (32.8)  | 25     | 5          | 48               | (61.5)               | (32.1)                | (83.3)  | 25     | 2          | 51               | (65.4)               | (32.1)                | (92.6)                |
| Illinois (excludes Chicago)                         | 6,239              | 6                             | (0.1)                       | 0   | (0.0)   | 0      | 5          | 1                | (16.7)               | (0.0)                 | (0.0)   | 0      | 0          | 6                | (100.0)              | (0.0)                 | (0.0)                 |
| Indiana   | 14,329             | 7                             | (0.0)                       | 1   | (14.3)  | 1      | 1          | 4                | (66.7)               | (16.7)                | (50.0)  | 1      | 2          | 3                | (50.0)               | (16.7)                | (33.3)                |

| CDC-funded jurisdiction           | HIV testing events | Previous HIV-positive persons | Already in HIV medical care |     |             | Linkage to HIV medical care within any medical timeframe <sup>a</sup> |            |                  |                      |                       |                       | Linkage to HIV medical care in 90 days <sup>a,b</sup> |            |                  |                      |                       |                       |
|-----------------------------------|--------------------|-------------------------------|-----------------------------|-----|-------------|---|------------|------------------|----------------------|-----------------------|-----------------------|---|------------|------------------|----------------------|-----------------------|-----------------------|
|                                   | All testing events | 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 %) |
|                                   |                    |                               |                             |     |             |   |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Iowa                              | 5,695              | 2                             | (0.0)                       | 0   | (0.0)       | 2   | 0          | 0                | (0.0)                | (100.0)               | (100.0)               | 2   | 0          | 0                | (0.0)                | (100.0)               | (100.0)               |
| Kansas                            | 28,240             | 18                            | (0.1)                       | 1   | (5.6)       | 7   | 5          | 5                | (29.4)               | (41.2)                | (58.3)                | 3   | 2          | 12               | (70.6)               | (17.6)                | (60.0)                |
| Kentucky                          | 28,251             | 13                            | (0.0)                       | 0   | (0.0)       | 6   | 2          | 5                | (38.5)               | (46.2)                | (75.0)                | 6   | 0          | 7                | (53.8)               | (46.2)                | (100.0)               |
| Louisiana                         | 97,476             | 142                           | (0.1)                       | 0   | (0.0)       | 117   | 24         | 1                | (0.7)                | (82.4)                | (83.0)                | 0   | 24         | 118              | (83.1)               | (0.0)                 | (0.0)                 |
| Maine                             | 3,631              | 3                             | (0.1)                       | 0   | (0.0)       | 3   | 0          | 0                | (0.0)                | (100.0)               | (100.0)               | 2   | 1          | 0                | (0.0)                | (66.7)                | (66.7)                |
| Maryland                          |                    |                               |                             |     |             |   |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Baltimore                         | 46,106             | 110                           | (0.2)                       | 71  | (64.5)      | 28  | 7          | 4                | (10.3)               | (71.8)                | (80.0)                | 25  | 2          | 12               | (30.8)               | (64.1)                | (92.6)                |
| Maryland (excludes Baltimore)     | 57,844             | 126                           | (0.2)                       | 38  | (30.2)      | 57  | 22         | 9                | (10.2)               | (64.8)                | (72.2)                | 27  | 22         | 39               | (44.3)               | (30.7)                | (55.1)                |
| Massachusetts                     | 66,458             | 247                           | (0.4)                       | 11  | (4.5)       | 92  | 116        | 28               | (11.9)               | (39.0)                | (44.2)                | 92  | 0          | 144              | (61.0)               | (39.0)                | (100.0)               |
| Minnesota                         | 13,828             | 15                            | (0.1)                       | 0   | (0.0)       | 5   | 7          | 3                | (20.0)               | (33.3)                | (41.7)                | 4   | 1          | 10               | (66.7)               | (26.7)                | (80.0)                |
| Mississippi                       | 83,319             | 470                           | (0.6)                       | 110 | (23.4)      | 194   | 13         | 153              | (42.5)               | (53.9)                | (93.7)                | 191   | 4          | 165              | (45.8)               | (53.1)                | (97.9)                |
| Missouri                          | 88,514             | 85                            | (0.1)                       | 15  | (17.6)      | 55  | 15         | 0                | (0.0)                | (78.6)                | (78.6)                | 51  | 12         | 7                | (10.0)               | (72.9)                | (81.0)                |
| Montana                           | 2,189              | 2                             | (0.1)                       | 0   | (0.0)       | 1   | 0          | 1                | (50.0)               | (50.0)                | (100.0)               | 1   | 0          | 1                | (50.0)               | (50.0)                | (100.0)               |
| Nebraska                          | 9,732              | 2                             | (0.0)                       | 1   | (50.0)      | 1   | 0          | 0                | (0.0)                | (100.0)               | (100.0)               | 1   | 0          | 0                | (0.0)                | (100.0)               | (100.0)               |
| Nevada                            | 21,685             | 60                            | (0.3)                       | 4   | (6.7)       | 47  | 8          | 1                | (1.8)                | (83.9)                | (85.5)                | 47  | 3          | 6                | (10.7)               | (83.9)                | (94.0)                |
| New Hampshire                     | 1,081              | 0                             | (0.0)                       | 0   | (0.0)       | 0   | 0          | 0                | (0.0)                | (0.0)                 | (0.0)                 | 0   | 0          | 0                | (0.0)                | (0.0)                 | (0.0)                 |
| New Jersey                        | 66,884             | 108                           | (0.2)                       | 8   | (7.4)       | 73  | 21         | 6                | (6.0)                | (73.0)                | (77.7)                | 69  | 10         | 21               | (21.0)               | (69.0)                | (87.3)                |
| New Mexico                        | 7,481              | 14                            | (0.2)                       | 1   | (7.1)       | 9   | 3          | 1                | (7.7)                | (69.2)                | (75.0)                | 9   | 0          | 4                | (30.8)               | (69.2)                | (100.0)               |
| New York                          |                    |                               |                             |     |             |   |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| New York City                     | 114,316            | 98                            | (0.1)                       | 9   | (9.2)       | 48  | 23         | 18               | (20.2)               | (53.9)                | (67.6)                | 11  | 7          | 71               | (79.8)               | (12.4)                | (61.1)                |
| New York (excludes New York City) | 185,726            | 373                           | (0.2)                       | 0   | (0.0)       | 323   | 3          | 47               | (12.6)               | (86.6)                | (99.1)                | 239   | 48         | 86               | (23.1)               | (64.1)                | (83.3)                |
| North Carolina                    | 212,537            | 210                           | (0.1)                       | 0   | (0.0)       | 0   | 0          | 210              | (100.0)              | (0.0)                 | (0.0)                 | 0   | 0          | 210              | (100.0)              | (0.0)                 | (0.0)                 |
| North Dakota                      | 3,442              | 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                              | 60,549             | 65                            | (0.1)                       | 3   | (4.6)       | 27  | 8          | 27               | (43.5)               | (43.5)                | (77.1)                | 10  | 3          | 49               | (79.0)               | (16.1)                | (76.9)                |
| Oklahoma                          | 21,660             | 42                            | (0.2)                       | 4   | (9.5)       | 7   | 31         | 0                | (0.0)                | (18.4)                | (18.4)                | 6   | 0          | 32               | (84.2)               | (15.8)                | (100.0)               |

| CDC-funded jurisdiction              | HIV testing events | Previous HIV-positive persons | Already in HIV medical care |            | Linkage to HIV medical care within any medical timeframe <sup>a</sup> |              |              |                  |                      |                       |                       | Linkage to HIV medical care in 90 days <sup>a,b</sup> |            |                  |                      |                       |                       |
|--------------------------------------|--------------------|-------------------------------|-----------------------------|------------|---|--------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|------------|------------------|----------------------|-----------------------|-----------------------|
|                                      | All testing events | 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 %) |
|                                      |                    |                               |                             |            |   |              |              |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Pennsylvania                         |                    |                               |                             |            |   |              |              |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Philadelphia                         | 81,746             | 84                            | (0.1)                       | 5          | (6.0)   | 31           | 34           | 14               | (17.7)               | (39.2)                | (47.7)                | 26  | 11         | 42               | (53.2)               | (32.9)                | (70.3)                |
| Pennsylvania (excludes Philadelphia) | 85,353             | 89                            | (0.1)                       | 7          | (7.9)   | 25           | 21           | 36               | (43.9)               | (30.5)                | (54.3)                | 18  | 2          | 62               | (75.6)               | (22.0)                | (90.0)                |
| Rhode Island                         | 2,178              | 3                             | (0.1)                       | 0          | (0.0)   | 2            | 1            | 0                | (0.0)                | (66.7)                | (66.7)                | 2   | 0          | 1                | (33.3)               | (66.7)                | (100.0)               |
| South Carolina                       | 80,074             | 81                            | (0.1)                       | 22         | (27.2)  | 38           | 11           | 10               | (16.9)               | (64.4)                | (77.6)                | 31  | 11         | 17               | (28.8)               | (52.5)                | (73.8)                |
| South Dakota                         | 1,240              | 0                             | (0.0)                       | 0          | (0.0)   | 0            | 0            | 0                | (0.0)                | (0.0)                 | (0.0)                 | 0   | 0          | 0                | (0.0)                | (0.0)                 | (0.0)                 |
| Tennessee                            | 145,867            | 370                           | (0.3)                       | 24         | (6.5)   | 42           | 35           | 269              | (77.7)               | (12.1)                | (54.5)                | 5   | 19         | 322              | (93.1)               | (1.4)                 | (20.8)                |
| Texas                                |                    |                               |                             |            |   |              |              |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Houston                              | 70,133             | 801                           | (1.1)                       | 26         | (3.2)   | 186          | 21           | 568              | (73.3)               | (24.0)                | (89.9)                | 140   | 53         | 582              | (75.1)               | (18.1)                | (72.5)                |
| Texas (excludes Houston)             | 214,617            | 723                           | (0.3)                       | 0          | (0.0)   | 435          | 149          | 139              | (19.2)               | (60.2)                | (74.5)                | 36  | 5          | 682              | (94.3)               | (5.0)                 | (87.8)                |
| Utah                                 | 7,863              | 6                             | (0.1)                       | 2          | (33.3)  | 1            | 0            | 3                | (75.0)               | (25.0)                | (100.0)               | 1   | 0          | 3                | (75.0)               | (25.0)                | (100.0)               |
| Vermont                              | 3,079              | 0                             | (0.0)                       | 0          | (0.0)   | 0            | 0            | 0                | (0.0)                | (0.0)                 | (0.0)                 | 0   | 0          | 0                | (0.0)                | (0.0)                 | (0.0)                 |
| Virginia                             | 69,814             | 51                            | (0.1)                       | 4          | (7.8)   | 34           | 3            | 10               | (21.3)               | (72.3)                | (91.9)                | 6   | 2          | 39               | (83.0)               | (12.8)                | (75.0)                |
| Washington                           | 15,186             | 104                           | (0.7)                       | 13         | (12.5)  | 73           | 13           | 5                | (5.5)                | (80.2)                | (84.9)                | 73  | 4          | 14               | (15.4)               | (80.2)                | (94.8)                |
| West Virginia                        | 5,111              | 5                             | (0.1)                       | 1          | (20.0)  | 2            | 1            | 1                | (25.0)               | (50.0)                | (66.7)                | 0   | 0          | 4                | (100.0)              | (0.0)                 | (0.0)                 |
| Wisconsin                            | 14,240             | 8                             | (0.1)                       | 4          | (50.0)  | 3            | 0            | 1                | (25.0)               | (75.0)                | (100.0)               | 3   | 0          | 1                | (25.0)               | (75.0)                | (100.0)               |
| Wyoming                              | 4,024              | 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                          | 33,291             | 113                           | (0.3)                       | 46         | (40.7)  | 42           | 12           | 13               | (19.4)               | (62.7)                | (77.8)                | 41  | 6          | 20               | (29.9)               | (61.2)                | (87.2)                |
| U.S. Virgin Islands                  | 3,717              | 0                             | (0.0)                       | 0          | (0.0)   | 0            | 0            | 0                | (0.0)                | (0.0)                 | (0.0)                 | 0   | 0          | 0                | (0.0)                | (0.0)                 | (0.0)                 |
| <b>Total</b>                         | <b>3,287,024</b>   | <b>8,048</b>                  | <b>(0.2)</b>                | <b>546</b> | <b>(6.8)</b>  | <b>4,156</b> | <b>1,162</b> | <b>2,184</b>     | <b>(29.1)</b>        | <b>(55.4)</b>         | <b>(78.1)</b>         | <b>2,838</b>  | <b>479</b> | <b>4,185</b>     | <b>(55.8)</b>        | <b>(37.8)</b>         | <b>(85.6)</b>         |

<sup>a</sup> Persons who reported already being in HIV medical care were excluded from the denominator for both linkage indicators.

<sup>b</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 13.2% of previous HIV-positive persons in 2012 were reported using the previous version of the testing form. Therefore, these data are represented as missing/invalid data.

**Table 4. HIV testing and care continuum, including HIV positivity and linkage to care, for newly identified HIV-positive persons from 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012.**

| CDC-funded jurisdiction                             | HIV testing events |               |                  | Linkage to HIV medical care within any timeframe |            |                  |                      |                       |                       | Linkage to HIV medical care in 90 days <sup>a</sup> |            |                  |                      |                       |                       |
|---|--------------------|---------------|------------------|--|------------|------------------|----------------------|-----------------------|-----------------------|---|------------|------------------|----------------------|-----------------------|-----------------------|
|   | 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   | 100,182            | 203           | (0.2)            | 0  | 0          | 203              | (100.0)              | (0.0)                 | (0.0)                 | 0   | 0          | 203              | (100.0)              | (0.0)                 | (0.0)                 |
| Alaska  | 2,690              | 4             | (0.1)            | 2  | 2          | 0                | (0.0)                | (50.0)                | (50.0)                | 2   | 1          | 1                | (25.0)               | (50.0)                | (66.7)                |
| Arizona   | 26,438             | 193           | (0.7)            | 136  | 33         | 24               | (12.4)               | (70.5)                | (80.5)                | 0   | 9          | 184              | (95.3)               | (0.0)                 | (0.0)                 |
| Arkansas  | 49,222             | 580           | (1.2)            | 11   | 420        | 149              | (25.7)               | (1.9)                 | (2.6)                 | 2   | 1          | 577              | (99.5)               | (0.3)                 | (66.7)                |
| California  |                    |               |                  |  |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Los Angeles   | 116,585            | 1,029         | (0.9)            | 599  | 142        | 288              | (28.0)               | (58.2)                | (80.8)                | 287   | 30         | 712              | (69.2)               | (27.9)                | (90.5)                |
| San Francisco                                       | 47,824             | 261           | (0.5)            | 131  | 88         | 42               | (16.1)               | (50.2)                | (59.8)                | 95  | 2          | 164              | (62.8)               | (36.4)                | (97.9)                |
| California (excludes Los Angeles and San Francisco) | 91,893             | 416           | (0.5)            | 308  | 102        | 6                | (1.4)                | (74.0)                | (75.1)                | 251   | 47         | 118              | (28.4)               | (60.3)                | (84.2)                |
| Colorado  | 11,405             | 104           | (0.9)            | 99   | 5          | 0                | (0.0)                | (95.2)                | (95.2)                | 89  | 6          | 9                | (8.7)                | (85.6)                | (93.7)                |
| Connecticut   | 26,805             | 68            | (0.3)            | 37   | 19         | 12               | (17.6)               | (54.4)                | (66.1)                | 32  | 3          | 33               | (48.5)               | (47.1)                | (91.4)                |
| Delaware  | 10,856             | 45            | (0.4)            | 37   | 7          | 1                | (2.2)                | (82.2)                | (84.1)                | 36  | 4          | 5                | (11.1)               | (80.0)                | (90.0)                |
| District of Columbia                                | 113,789            | 659           | (0.6)            | 342  | 143        | 174              | (26.4)               | (51.9)                | (70.5)                | 231   | 58         | 370              | (56.1)               | (35.1)                | (79.9)                |
| Florida   | 407,086            | 2,591         | (0.6)            | 1,681  | 750        | 160              | (6.2)                | (64.9)                | (69.1)                | 1,573   | 170        | 848              | (32.7)               | (60.7)                | (90.2)                |
| Georgia   |                    |               |                  |  |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Atlanta   | 35,696             | 602           | (1.7)            | 314  | 207        | 81               | (13.5)               | (52.2)                | (60.3)                | 289   | 95         | 218              | (36.2)               | (48.0)                | (75.3)                |
| Georgia (excludes Atlanta)                          | 86,053             | 393           | (0.5)            | 188  | 73         | 132              | (33.6)               | (47.8)                | (72.0)                | 142   | 35         | 216              | (55.0)               | (36.1)                | (80.2)                |
| Hawaii  | 6,930              | 25            | (0.4)            | 17   | 5          | 3                | (12.0)               | (68.0)                | (77.3)                | 17  | 0          | 8                | (32.0)               | (68.0)                | (100.0)               |
| Idaho   | 4,564              | 15            | (0.3)            | 6  | 1          | 8                | (53.3)               | (40.0)                | (85.7)                | 5   | 0          | 10               | (66.7)               | (33.3)                | (100.0)               |
| Illinois  |                    |               |                  |  |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Chicago   | 64,261             | 372           | (0.6)            | 157  | 39         | 176              | (47.3)               | (42.2)                | (80.1)                | 155   | 17         | 200              | (53.8)               | (41.7)                | (90.1)                |
| Illinois (excludes Chicago)                         | 6,239              | 99            | (1.6)            | 6  | 23         | 70               | (70.7)               | (6.1)                 | (20.7)                | 5   | 3          | 91               | (91.9)               | (5.1)                 | (62.5)                |
| Indiana   | 14,329             | 103           | (0.7)            | 24   | 21         | 58               | (56.3)               | (23.3)                | (53.3)                | 24  | 48         | 31               | (30.1)               | (23.3)                | (33.3)                |
| Iowa  | 5,695              | 29            | (0.5)            | 16   | 3          | 10               | (34.5)               | (55.2)                | (84.2)                | 16  | 2          | 11               | (37.9)               | (55.2)                | (88.9)                |
| Kansas  | 28,240             | 73            | (0.3)            | 41   | 13         | 19               | (26.0)               | (56.2)                | (75.9)                | 39  | 2          | 32               | (43.8)               | (53.4)                | (95.1)                |
| Kentucky  | 28,251             | 128           | (0.5)            | 20   | 54         | 54               | (42.2)               | (15.6)                | (27.0)                | 18  | 1          | 109              | (85.2)               | (14.1)                | (94.7)                |



| CDC-funded jurisdiction              | HIV testing events |               |                  | Linkage to HIV medical care within any timeframe |            |                  |                      |                       |                       | Linkage to HIV medical care in 90 days <sup>a</sup> |            |                  |                      |                       |                       |
|--------------------------------------|--------------------|---------------|------------------|--|------------|------------------|----------------------|-----------------------|-----------------------|---|------------|------------------|----------------------|-----------------------|-----------------------|
|                                      | 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 %) |
| Louisiana                            | 97,476             | 272           | (0.3)            | 179  | 74         | 19               | (7.0)                | (65.8)                | (70.8)                | 0   | 74         | 198              | (72.8)               | (0.0)                 | (0.0)                 |
| Maine                                | 3,631              | 8             | (0.2)            | 7  | 1          | 0                | (0.0)                | (87.5)                | (87.5)                | 7   | 1          | 0                | (0.0)                | (87.5)                | (87.5)                |
| Maryland                             |                    |               |                  |  |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Baltimore                            | 46,106             | 381           | (0.8)            | 176  | 185        | 20               | (5.2)                | (46.2)                | (48.8)                | 166   | 78         | 137              | (36.0)               | (43.6)                | (68.0)                |
| Maryland (excludes Baltimore)        | 57,844             | 286           | (0.5)            | 107  | 127        | 52               | (18.2)               | (37.4)                | (45.7)                | 80  | 71         | 135              | (47.2)               | (28.0)                | (53.0)                |
| Massachusetts                        | 66,458             | 122           | (0.2)            | 53   | 54         | 15               | (12.3)               | (43.4)                | (49.5)                | 53  | 0          | 69               | (56.6)               | (43.4)                | (100.0)               |
| Minnesota                            | 13,828             | 127           | (0.9)            | 51   | 41         | 35               | (27.6)               | (40.2)                | (55.4)                | 50  | 14         | 63               | (49.6)               | (39.4)                | (78.1)                |
| Mississippi                          | 83,319             | 413           | (0.5)            | 253  | 5          | 155              | (37.5)               | (61.3)                | (98.1)                | 251   | 1          | 161              | (39.0)               | (60.8)                | (99.6)                |
| Missouri                             | 88,514             | 183           | (0.2)            | 136  | 41         | 6                | (3.3)                | (74.3)                | (76.8)                | 126   | 40         | 17               | (9.3)                | (68.9)                | (75.9)                |
| Montana                              | 2,189              | 4             | (0.2)            | 3  | 1          | 0                | (0.0)                | (75.0)                | (75.0)                | 3   | 0          | 1                | (25.0)               | (75.0)                | (100.0)               |
| Nebraska                             | 9,732              | 18            | (0.2)            | 12   | 2          | 4                | (22.2)               | (66.7)                | (85.7)                | 7   | 1          | 10               | (55.6)               | (38.9)                | (87.5)                |
| Nevada                               | 21,685             | 184           | (0.8)            | 126  | 53         | 5                | (2.7)                | (68.5)                | (70.4)                | 124   | 9          | 51               | (27.7)               | (67.4)                | (93.2)                |
| New Hampshire                        | 1,081              | 7             | (0.6)            | 5  | 0          | 2                | (28.6)               | (71.4)                | (100.0)               | 5   | 0          | 2                | (28.6)               | (71.4)                | (100.0)               |
| New Jersey                           | 66,884             | 387           | (0.6)            | 205  | 127        | 55               | (14.2)               | (53.0)                | (61.7)                | 175   | 33         | 179              | (46.3)               | (45.2)                | (84.1)                |
| New Mexico                           | 7,481              | 50            | (0.7)            | 29   | 17         | 4                | (8.0)                | (58.0)                | (63.0)                | 23  | 6          | 21               | (42.0)               | (46.0)                | (79.3)                |
| New York                             |                    |               |                  |  |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| New York City                        | 114,316            | 593           | (0.5)            | 369  | 113        | 111              | (18.7)               | (62.2)                | (76.6)                | 179   | 68         | 346              | (58.3)               | (30.2)                | (72.5)                |
| New York (excludes New York City)    | 185,726            | 662           | (0.4)            | 553  | 7          | 102              | (15.4)               | (83.5)                | (98.8)                | 435   | 89         | 138              | (20.8)               | (65.7)                | (83.0)                |
| North Carolina                       | 212,537            | 537           | (0.3)            | 0  | 0          | 537              | (100.0)              | (0.0)                 | (0.0)                 | 0   | 0          | 537              | (100.0)              | (0.0)                 | (0.0)                 |
| North Dakota                         | 3,442              | 2             | (0.1)            | 2  | 0          | 0                | (0.0)                | (100.0)               | (100.0)               | 2   | 0          | 0                | (0.0)                | (100.0)               | (100.0)               |
| Ohio                                 | 60,549             | 380           | (0.6)            | 214  | 82         | 84               | (22.1)               | (56.3)                | (72.3)                | 114   | 31         | 235              | (61.8)               | (30.0)                | (78.6)                |
| Oklahoma                             | 21,660             | 138           | (0.6)            | 17   | 121        | 0                | (0.0)                | (12.3)                | (12.3)                | 11  | 6          | 121              | (87.7)               | (8.0)                 | (64.7)                |
| Pennsylvania                         |                    |               |                  |  |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Philadelphia                         | 81,746             | 387           | (0.5)            | 214  | 130        | 43               | (11.1)               | (55.3)                | (62.2)                | 171   | 66         | 150              | (38.8)               | (44.2)                | (72.2)                |
| Pennsylvania (excludes Philadelphia) | 85,353             | 256           | (0.3)            | 81   | 74         | 101              | (39.5)               | (31.6)                | (52.3)                | 39  | 10         | 207              | (80.9)               | (15.2)                | (79.6)                |
| Rhode Island                         | 2,178              | 15            | (0.7)            | 9  | 3          | 3                | (20.0)               | (60.0)                | (75.0)                | 5   | 0          | 10               | (66.7)               | (33.3)                | (100.0)               |

| CDC-funded jurisdiction  | HIV testing events |               |                  | Linkage to HIV medical care within any timeframe |              |                  |                      |                       |                       | Linkage to HIV medical care in 90 days <sup>a</sup> |              |                  |                      |                       |                       |
|--------------------------|--------------------|---------------|------------------|--|--------------|------------------|----------------------|-----------------------|-----------------------|---|--------------|------------------|----------------------|-----------------------|-----------------------|
|                          | 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 %) |
| South Carolina           | 80,074             | 200           | (0.2)            | 98   | 51           | 51               | (25.5)               | (49.0)                | (65.8)                | 85  | 20           | 95               | (47.5)               | (42.5)                | (81.0)                |
| South Dakota             | 1,240              | 3             | (0.2)            | 2  | 0            | 1                | (33.3)               | (66.7)                | (100.0)               | 2   | 0            | 1                | (33.3)               | (66.7)                | (100.0)               |
| Tennessee                | 145,867            | 839           | (0.6)            | 220  | 242          | 377              | (44.9)               | (26.2)                | (47.6)                | 52  | 113          | 674              | (80.3)               | (6.2)                 | (31.5)                |
| Texas                    |                    |               |                  |  |              |                  |                      |                       |                       |   |              |                  |                      |                       |                       |
| Houston                  | 70,133             | 154           | (0.2)            | 8  | 41           | 105              | (68.2)               | (5.2)                 | (16.3)                | 8   | 1            | 145              | (94.2)               | (5.2)                 | (88.9)                |
| Texas (excludes Houston) | 214,617            | 1,335         | (0.6)            | 667  | 359          | 309              | (23.1)               | (50.0)                | (65.0)                | 28  | 5            | 1,302            | (97.5)               | (2.1)                 | (84.8)                |
| Utah                     | 7,863              | 52            | (0.7)            | 22   | 6            | 24               | (46.2)               | (42.3)                | (78.6)                | 18  | 2            | 32               | (61.5)               | (34.6)                | (90.0)                |
| Vermont                  | 3,079              | 5             | (0.2)            | 2  | 1            | 2                | (40.0)               | (40.0)                | (66.7)                | 2   | 0            | 3                | (60.0)               | (40.0)                | (100.0)               |
| Virginia                 | 69,814             | 256           | (0.4)            | 139  | 45           | 72               | (28.1)               | (54.3)                | (75.5)                | 29  | 19           | 208              | (81.3)               | (11.3)                | (60.4)                |
| Washington               | 15,186             | 136           | (0.9)            | 99   | 23           | 14               | (10.3)               | (72.8)                | (81.1)                | 96  | 11           | 29               | (21.3)               | (70.6)                | (89.7)                |
| West Virginia            | 5,111              | 12            | (0.2)            | 5  | 2            | 5                | (41.7)               | (41.7)                | (71.4)                | 0   | 0            | 12               | (100.0)              | (0.0)                 | (0.0)                 |
| Wisconsin                | 14,240             | 95            | (0.7)            | 69   | 17           | 9                | (9.5)                | (72.6)                | (80.2)                | 69  | 1            | 25               | (26.3)               | (72.6)                | (98.6)                |
| Wyoming <sup>b</sup>     | 4,024              | 0             | ....             | ....   | ....         | ....             | ....                 | ....                  | ....                  | ....  | ....         | ....             | ....                 | ....                  | ....                  |
| Puerto Rico              | 33,291             | 483           | (1.5)            | 397  | 64           | 22               | (4.6)                | (82.2)                | (86.1)                | 393   | 18           | 72               | (14.9)               | (81.4)                | (95.6)                |
| U.S. Virgin Islands      | 3,717              | 2             | (0.1)            | 1  | 0            | 1                | (50.0)               | (50.0)                | (100.0)               | 1   | 0            | 1                | (50.0)               | (50.0)                | (100.0)               |
| <b>Total</b>             | <b>3,287,024</b>   | <b>16,976</b> | <b>(0.5)</b>     | <b>8,702</b>                                     | <b>4,259</b> | <b>4,015</b>     | <b>(23.7)</b>        | <b>(51.3)</b>         | <b>(67.1)</b>         | <b>6,117</b>  | <b>1,322</b> | <b>9,537</b>     | <b>(56.2)</b>        | <b>(36.0)</b>         | <b>(82.2)</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 15.6% of newly identified HIV-positive persons in 2012 were reported using the previous version of the testing form. Therefore, these data are represented as missing/invalid data.

<sup>b</sup> No new HIV-positive persons were identified in Wyoming. Therefore, linkage data are not applicable.

**Table 5. HIV testing and care continuum, including partner and HIV prevention services, for newly identified HIV-positive persons from 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012.**

| CDC-funded<br>Jurisdiction                        | Referred to partner services |              |                  |                      |                       |                       | Interview for partner services <sup>a</sup> |                  |                  |                      |                       |                       | Referred to HIV prevention services |              |                  |                      |                       |                       |
|---|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|------------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|
|   | Referred                     | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Inter-viewed                                | Not inter-viewed | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Referred                            | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) |
| Alabama   | 2                            | 1            | 200              | (98.5)               | (1.0)                 | (66.7)                | 0   | 1                | 202              | (99.5)               | (0.0)                 | (0.0)                 | 3                                   | 0            | 200              | (98.5)               | (1.5)                 | (100.0)               |
| Alaska  | 4                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 4   | 0                | 0                | (0.0)                | (100.0)               | (100.0)               | 1                                   | 3            | 0                | (0.0)                | (25.0)                | (25.0)                |
| Arizona   | 161                          | 12           | 20               | (10.4)               | (83.4)                | (93.1)                | 125   | 17               | 51               | (26.4)               | (64.8)                | (88.0)                | 103                                 | 40           | 50               | (25.9)               | (53.4)                | (72.0)                |
| Arkansas  | 154                          | 425          | 1                | (0.2)                | (26.6)                | (26.6)                | 3   | 425              | 152              | (26.2)               | (0.5)                 | (0.7)                 | 8                                   | 423          | 149              | (25.7)               | (1.4)                 | (1.9)                 |
| California  |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| Los Angeles                                       | 736                          | 27           | 266              | (25.9)               | (71.5)                | (96.5)                | 0   | 47               | 982              | (95.4)               | (0.0)                 | (0.0)                 | 552                                 | 158          | 319              | (31.0)               | (53.6)                | (77.7)                |
| San Francisco                                     | 184                          | 17           | 60               | (23.0)               | (70.5)                | (91.5)                | 38  | 28               | 195              | (74.7)               | (14.6)                | (57.6)                | 237                                 | 16           | 8                | (3.1)                | (90.8)                | (93.7)                |
| California (excludes Los Angeles / San Francisco) | 354                          | 62           | 0                | (0.0)                | (85.1)                | (85.1)                | 98  | 303              | 15               | (3.6)                | (23.6)                | (24.4)                | 346                                 | 62           | 8                | (1.9)                | (83.2)                | (84.8)                |
| Colorado  | 95                           | 9            | 0                | (0.0)                | (91.3)                | (91.3)                | 86  | 12               | 6                | (5.8)                | (82.7)                | (87.8)                | 96                                  | 8            | 0                | (0.0)                | (92.3)                | (92.3)                |
| Connecticut                                       | 55                           | 10           | 3                | (4.4)                | (80.9)                | (84.6)                | 32  | 20               | 16               | (23.5)               | (47.1)                | (61.5)                | 53                                  | 12           | 3                | (4.4)                | (77.9)                | (81.5)                |
| Delaware  | 41                           | 4            | 0                | (0.0)                | (91.1)                | (91.1)                | 33  | 4                | 8                | (17.8)               | (73.3)                | (89.2)                | 13                                  | 32           | 0                | (0.0)                | (28.9)                | (28.9)                |
| District of Columbia                              | 354                          | 305          | 0                | (0.0)                | (53.7)                | (53.7)                | 230   | 327              | 102              | (15.5)               | (34.9)                | (41.3)                | 408                                 | 251          | 0                | (0.0)                | (61.9)                | (61.9)                |
| Florida   | 2,352                        | 15           | 224              | (8.6)                | (90.8)                | (99.4)                | 1,999                                       | 442              | 150              | (5.8)                | (77.2)                | (81.9)                | 1,701                               | 463          | 427              | (16.5)               | (65.7)                | (78.6)                |
| Georgia   |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| Atlanta   | 399                          | 166          | 37               | (6.1)                | (66.3)                | (70.6)                | 234   | 171              | 197              | (32.7)               | (38.9)                | (57.8)                | 458                                 | 105          | 39               | (6.5)                | (76.1)                | (81.3)                |
| Georgia (excludes Atlanta)                        | 319                          | 62           | 12               | (3.1)                | (81.2)                | (83.7)                | 214   | 90               | 89               | (22.6)               | (54.5)                | (70.4)                | 310                                 | 70           | 13               | (3.3)                | (78.9)                | (81.6)                |
| Hawaii  | 11                           | 14           | 0                | (0.0)                | (44.0)                | (44.0)                | 9   | 16               | 0                | (0.0)                | (36.0)                | (36.0)                | 23                                  | 2            | 0                | (0.0)                | (92.0)                | (92.0)                |
| Idaho   | 15                           | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 9   | 0                | 6                | (40.0)               | (60.0)                | (100.0)               | 11                                  | 4            | 0                | (0.0)                | (73.3)                | (73.3)                |
| Illinois  |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| Chicago   | 204                          | 37           | 131              | (35.2)               | (54.8)                | (84.6)                | 35  | 39               | 298              | (80.1)               | (9.4)                 | (47.3)                | 167                                 | 13           | 192              | (51.6)               | (44.9)                | (92.8)                |

| CDC-funded Jurisdiction       | Referred to partner services |              |                  |                      |                       |                       | Interview for partner services <sup>a</sup> |                  |                  |                      |                       |                       | Referred to HIV prevention services |              |                  |                      |                       |                       |
|-------------------------------|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|------------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|
|                               | Referred                     | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Inter-viewed                                | Not inter-viewed | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Referred                            | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) |
| Illinois (excludes Chicago)   | 85                           | 14           | 0                | (0.0)                | (85.9)                | (85.9)                | 72  | 27               | 0                | (0.0)                | (72.7)                | (72.7)                | 69                                  | 22           | 8                | (8.1)                | (69.7)                | (75.8)                |
| Indiana                       | 59                           | 13           | 31               | (30.1)               | (57.3)                | (81.9)                | 0   | 13               | 90               | (87.4)               | (0.0)                 | (0.0)                 | 28                                  | 44           | 31               | (30.1)               | (27.2)                | (38.9)                |
| Iowa                          | 23                           | 2            | 4                | (13.8)               | (79.3)                | (92.0)                | 20  | 2                | 7                | (24.1)               | (69.0)                | (90.9)                | 23                                  | 2            | 4                | (13.8)               | (79.3)                | (92.0)                |
| Kansas                        | 72                           | 1            | 0                | (0.0)                | (98.6)                | (98.6)                | 70  | 3                | 0                | (0.0)                | (95.9)                | (95.9)                | 53                                  | 20           | 0                | (0.0)                | (72.6)                | (72.6)                |
| Kentucky                      | 90                           | 30           | 8                | (6.3)                | (70.3)                | (75.0)                | 57  | 35               | 36               | (28.1)               | (44.5)                | (62.0)                | 92                                  | 24           | 12               | (9.4)                | (71.9)                | (79.3)                |
| Louisiana                     | 161                          | 76           | 35               | (12.9)               | (59.2)                | (67.9)                | 0   | 76               | 196              | (72.1)               | (0.0)                 | (0.0)                 | 27                                  | 1            | 244              | (89.7)               | (9.9)                 | (96.4)                |
| Maine                         | 8                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 6   | 1                | 1                | (12.5)               | (75.0)                | (85.7)                | 7                                   | 0            | 1                | (12.5)               | (87.5)                | (100.0)               |
| Maryland                      |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| Baltimore                     | 205                          | 133          | 43               | (11.3)               | (53.8)                | (60.7)                | 154   | 189              | 38               | (10.0)               | (40.4)                | (44.9)                | 88                                  | 0            | 293              | (76.9)               | (23.1)                | (100.0)               |
| Maryland (excludes Baltimore) | 165                          | 63           | 58               | (20.3)               | (57.7)                | (72.4)                | 105   | 112              | 69               | (24.1)               | (36.7)                | (48.4)                | 64                                  | 0            | 222              | (77.6)               | (22.4)                | (100.0)               |
| Massachusetts                 | 59                           | 46           | 17               | (13.9)               | (48.4)                | (56.2)                | 25  | 72               | 25               | (20.5)               | (20.5)                | (25.8)                | 0                                   | 0            | 122              | (100.0)              | (0.0)                 | (0.0)                 |
| Minnesota                     | 110                          | 14           | 3                | (2.4)                | (86.6)                | (88.7)                | 77  | 22               | 28               | (22.0)               | (60.6)                | (77.8)                | 119                                 | 6            | 2                | (1.6)                | (93.7)                | (95.2)                |
| Mississippi                   | 260                          | 1            | 152              | (36.8)               | (63.0)                | (99.6)                | 94  | 1                | 318              | (77.0)               | (22.8)                | (98.9)                | 255                                 | 2            | 156              | (37.8)               | (61.7)                | (99.2)                |
| Missouri                      | 163                          | 20           | 0                | (0.0)                | (89.1)                | (89.1)                | 140   | 41               | 2                | (1.1)                | (76.5)                | (77.3)                | 163                                 | 20           | 0                | (0.0)                | (89.1)                | (89.1)                |
| Montana                       | 4                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 1   | 0                | 3                | (75.0)               | (25.0)                | (100.0)               | 4                                   | 0            | 0                | (0.0)                | (100.0)               | (100.0)               |
| Nebraska                      | 16                           | 1            | 1                | (5.6)                | (88.9)                | (94.1)                | 5   | 1                | 12               | (66.7)               | (27.8)                | (83.3)                | 17                                  | 0            | 1                | (5.6)                | (94.4)                | (100.0)               |
| Nevada                        | 140                          | 40           | 4                | (2.2)                | (76.1)                | (77.8)                | 125   | 45               | 14               | (7.6)                | (67.9)                | (73.5)                | 131                                 | 46           | 7                | (3.8)                | (71.2)                | (74.0)                |
| New Hampshire                 | 7                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 7   | 0                | 0                | (0.0)                | (100.0)               | (100.0)               | 7                                   | 0            | 0                | (0.0)                | (100.0)               | (100.0)               |
| New Jersey                    | 92                           | 262          | 33               | (8.5)                | (23.8)                | (26.0)                | 49  | 272              | 66               | (17.1)               | (12.7)                | (15.3)                | 156                                 | 204          | 27               | (7.0)                | (40.3)                | (43.3)                |
| New Mexico                    | 41                           | 9            | 0                | (0.0)                | (82.0)                | (82.0)                | 33  | 12               | 5                | (10.0)               | (66.0)                | (73.3)                | 28                                  | 21           | 1                | (2.0)                | (56.0)                | (57.1)                |
| New York                      |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| New York City                 | 358                          | 84           | 151              | (25.5)               | (60.4)                | (81.0)                | 155   | 95               | 343              | (57.8)               | (26.1)                | (62.0)                | 261                                 | 82           | 250              | (42.2)               | (44.0)                | (76.1)                |

| CDC-funded Jurisdiction              | Referred to partner services |              |                  |                      |                       |                       | Interview for partner services <sup>a</sup> |                  |                  |                      |                       |                       | Referred to HIV prevention services |              |                  |                      |                       |                       |
|--------------------------------------|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|------------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|
|                                      | Referred                     | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Inter-viewed                                | Not inter-viewed | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Referred                            | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) |
| New York (excludes New York City)    | 476                          | 101          | 85               | (12.8)               | (71.9)                | (82.5)                | 0   | 101              | 561              | (84.7)               | (0.0)                 | (0.0)                 | 469                                 | 107          | 86               | (13.0)               | (70.8)                | (81.4)                |
| North Carolina                       | 537                          | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 0   | 0                | 537              | (100.0)              | (0.0)                 | (0.0)                 | 0                                   | 0            | 537              | (100.0)              | (0.0)                 | (0.0)                 |
| North Dakota                         | 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)               |
| Ohio                                 | 336                          | 27           | 17               | (4.5)                | (88.4)                | (92.6)                | 173   | 31               | 176              | (46.3)               | (45.5)                | (84.8)                | 335                                 | 27           | 18               | (4.7)                | (88.2)                | (92.5)                |
| Oklahoma                             | 72                           | 66           | 0                | (0.0)                | (52.2)                | (52.2)                | 30  | 66               | 42               | (30.4)               | (21.7)                | (31.3)                | 70                                  | 68           | 0                | (0.0)                | (50.7)                | (50.7)                |
| Pennsylvania                         |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| Philadelphia                         | 249                          | 134          | 4                | (1.0)                | (64.3)                | (65.0)                | 106   | 218              | 63               | (16.3)               | (27.4)                | (32.7)                | 264                                 | 109          | 14               | (3.6)                | (68.2)                | (70.8)                |
| Pennsylvania (excludes Philadelphia) | 99                           | 61           | 96               | (37.5)               | (38.7)                | (61.9)                | 58  | 62               | 136              | (53.1)               | (22.7)                | (48.3)                | 118                                 | 76           | 62               | (24.2)               | (46.1)                | (60.8)                |
| Rhode Island                         | 7                            | 5            | 3                | (20.0)               | (46.7)                | (58.3)                | 2   | 6                | 7                | (46.7)               | (13.3)                | (25.0)                | 5                                   | 8            | 2                | (13.3)               | (33.3)                | (38.5)                |
| South Carolina                       | 161                          | 18           | 21               | (10.5)               | (80.5)                | (89.9)                | 127   | 30               | 43               | (21.5)               | (63.5)                | (80.9)                | 99                                  | 78           | 23               | (11.5)               | (49.5)                | (55.9)                |
| South Dakota                         | 3                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 1   | 0                | 2                | (66.7)               | (33.3)                | (100.0)               | 1                                   | 2            | 0                | (0.0)                | (33.3)                | (33.3)                |
| Tennessee                            | 462                          | 51           | 326              | (38.9)               | (55.1)                | (90.1)                | 31  | 53               | 755              | (90.0)               | (3.7)                 | (36.9)                | 469                                 | 45           | 325              | (38.7)               | (55.9)                | (91.2)                |
| Texas                                |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| Houston                              | 129                          | 5            | 20               | (13.0)               | (83.8)                | (96.3)                | 103   | 21               | 30               | (19.5)               | (66.9)                | (83.1)                | 133                                 | 1            | 20               | (13.0)               | (86.4)                | (99.3)                |
| Texas (excludes Houston)             | 176                          | 59           | 1,100            | (82.4)               | (13.2)                | (74.9)                | 162   | 63               | 1,110            | (83.1)               | (12.1)                | (72.0)                | 126                                 | 110          | 1,099            | (82.3)               | (9.4)                 | (53.4)                |
| Utah                                 | 30                           | 0            | 22               | (42.3)               | (57.7)                | (100.0)               | 26  | 0                | 26               | (50.0)               | (50.0)                | (100.0)               | 30                                  | 0            | 22               | (42.3)               | (57.7)                | (100.0)               |
| Vermont                              | 2                            | 2            | 1                | (20.0)               | (40.0)                | (50.0)                | 0   | 3                | 2                | (40.0)               | (0.0)                 | (0.0)                 | 3                                   | 1            | 1                | (20.0)               | (60.0)                | (75.0)                |
| Virginia                             | 214                          | 30           | 12               | (4.7)                | (83.6)                | (87.7)                | 29  | 30               | 197              | (77.0)               | (11.3)                | (49.2)                | 184                                 | 62           | 10               | (3.9)                | (71.9)                | (74.8)                |
| Washington                           | 126                          | 6            | 4                | (2.9)                | (92.6)                | (95.5)                | 108   | 19               | 9                | (6.6)                | (79.4)                | (85.0)                | 36                                  | 97           | 3                | (2.2)                | (26.5)                | (27.1)                |
| West Virginia                        | 7                            | 3            | 2                | (16.7)               | (58.3)                | (70.0)                | 0   | 3                | 9                | (75.0)               | (0.0)                 | (0.0)                 | 8                                   | 2            | 2                | (16.7)               | (66.7)                | (80.0)                |
| Wisconsin                            | 80                           | 14           | 1                | (1.1)                | (84.2)                | (85.1)                | 68  | 19               | 8                | (8.4)                | (71.6)                | (78.2)                | 56                                  | 38           | 1                | (1.1)                | (58.9)                | (59.6)                |
| Puerto Rico                          | 431                          | 49           | 3                | (0.6)                | (89.2)                | (89.8)                | 410   | 60               | 13               | (2.7)                | (84.9)                | (87.2)                | 374                                 | 106          | 3                | (0.6)                | (77.4)                | (77.9)                |
| U.S. Virgin Islands                  | 1                            | 0            | 1                | (50.0)               | (50.0)                | (100.0)               | 1   | 0                | 1                | (50.0)               | (50.0)                | (100.0)               | 1                                   | 0            | 1                | (50.0)               | (50.0)                | (100.0)               |

| CDC-funded<br>Jurisdiction | Referred to partner services |                 |                     |                            |                             |                             | Interview for partner services <sup>a</sup> |                         |                     |                            |                             |                             | Referred to HIV prevention services |                 |                     |                            |                             |                             |
|----------------------------|------------------------------|-----------------|---------------------|----------------------------|-----------------------------|-----------------------------|---|-------------------------|---------------------|----------------------------|-----------------------------|-----------------------------|-------------------------------------|-----------------|---------------------|----------------------------|-----------------------------|-----------------------------|
|                            | Referred                     | Not<br>referred | Missing<br>/invalid | (Missing<br>/invalid<br>%) | (Minimum<br>indicator<br>%) | (Maximum<br>indicator<br>%) | Inter-<br>viewed                            | Not<br>inter-<br>viewed | Missing<br>/invalid | (Missing<br>/invalid<br>%) | (Minimum<br>indicator<br>%) | (Maximum<br>indicator<br>%) | Referred                            | Not<br>referred | Missing<br>/invalid | (Missing<br>/invalid<br>%) | (Minimum<br>indicator<br>%) | (Maximum<br>indicator<br>%) |
| <b>Total</b>               | 11,158                       | 2,606           | 3,212               | (18.9)                     | (65.7)                      | (81.1)                      | 5,781                                       | 3,746                   | 7,449               | (43.9)                     | (34.1)                      | (60.7)                      | 8,865                               | 3,093           | 5,018               | (29.6)                     | (52.2)                      | (74.1)                      |

<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.

Note: No new HIV-positive persons were identified in Wyoming so Wyoming is not included in this table, as partner services and prevention services data are not applicable.

**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 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012.**

| Demographic characteristics         | HIV testing events |              |                  | Linkage to HIV medical care within any timeframe |            |                  |                      |                       |                       | 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                                 | 5,133              | 18           | (0.4)            | 6  | 5          | 7                | (38.9)               | (33.3)                | (54.5)                | 4   | 1          | 13               | (72.2)               | (22.2)                | (80.0)                |
| 13–19                               | 303,523            | 606          | (0.2)            | 288  | 144        | 174              | (28.7)               | (47.5)                | (66.7)                | 214   | 56         | 336              | (55.4)               | (35.3)                | (79.3)                |
| 20–29                               | 1,346,543          | 6,710        | (0.5)            | 3,406  | 1,642      | 1,662            | (24.8)               | (50.8)                | (67.5)                | 2,334   | 556        | 3,820            | (56.9)               | (34.8)                | (80.8)                |
| 30–39                               | 725,598            | 4,083        | (0.6)            | 2,186  | 987        | 910              | (22.3)               | (53.5)                | (68.9)                | 1,475   | 279        | 2,329            | (57.0)               | (36.1)                | (84.1)                |
| 40–49                               | 463,353            | 3,212        | (0.7)            | 1,640  | 816        | 756              | (23.5)               | (51.1)                | (66.8)                | 1,216   | 236        | 1,760            | (54.8)               | (37.9)                | (83.7)                |
| 50+                                 | 423,382            | 2,296        | (0.5)            | 1,152  | 651        | 493              | (21.5)               | (50.2)                | (63.9)                | 857   | 191        | 1,248            | (54.4)               | (37.3)                | (81.8)                |
| Missing/invalid                     | 19,492             | 51           | (0.3)            | 24   | 14         | 13               | (25.5)               | (47.1)                | (63.2)                | 17  | 3          | 31               | (60.8)               | (33.3)                | (85.0)                |
| <b>Gender</b>                       |                    |              |                  |  |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Male                                | 1,574,184          | 13,333       | (0.8)            | 6,954  | 3,354      | 3,025            | (22.7)               | (52.2)                | (67.5)                | 4,865   | 1,024      | 7,444            | (55.8)               | (36.5)                | (82.6)                |
| Female                              | 1,679,449          | 3,304        | (0.2)            | 1,591  | 825        | 888              | (26.9)               | (48.2)                | (65.9)                | 1,158   | 265        | 1,881            | (56.9)               | (35.0)                | (81.4)                |
| Other                               | 8,740              | 61           | (0.7)            | 31   | 22         | 8                | (13.1)               | (50.8)                | (58.5)                | 0   | 19         | 42               | (68.9)               | (0.0)                 | (0.0)                 |
| Declined/not asked                  | 2,831              | 13           | (0.5)            | 7  | 4          | 2                | (15.4)               | (53.8)                | (63.6)                | 4   | 1          | 8                | (61.5)               | (30.8)                | (80.0)                |
| Missing/invalid                     | 10,068             | 59           | (0.6)            | 16   | 9          | 34               | (57.6)               | (27.1)                | (64.0)                | 15  | 0          | 44               | (74.6)               | (25.4)                | (100.0)               |
| <b>Race/ethnicity</b>               |                    |              |                  |  |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| White                               | 895,814            | 3,523        | (0.4)            | 1,851  | 907        | 765              | (21.7)               | (52.5)                | (67.1)                | 1,292   | 218        | 2,013            | (57.1)               | (36.7)                | (85.6)                |
| Black or African American           | 1,444,796          | 8,884        | (0.6)            | 4,138  | 2,347      | 2,399            | (27.0)               | (46.6)                | (63.8)                | 2,969   | 800        | 5,115            | (57.6)               | (33.4)                | (78.8)                |
| Hispanic or Latino                  | 686,757            | 3,497        | (0.5)            | 2,219  | 678        | 600              | (17.2)               | (63.5)                | (76.6)                | 1,577   | 204        | 1,716            | (49.1)               | (45.1)                | (88.5)                |
| Asian                               | 62,832             | 236          | (0.4)            | 133  | 60         | 43               | (18.2)               | (56.4)                | (68.9)                | 95  | 21         | 120              | (50.8)               | (40.3)                | (81.9)                |
| American Indian or Alaska Native    | 16,566             | 87           | (0.5)            | 33   | 31         | 23               | (26.4)               | (37.9)                | (51.6)                | 22  | 9          | 56               | (64.4)               | (25.3)                | (71.0)                |
| Native Hawaiian or Pacific Islander | 8,148              | 41           | (0.5)            | 24   | 8          | 9                | (22.0)               | (58.5)                | (75.0)                | 17  | 2          | 22               | (53.7)               | (41.5)                | (89.5)                |
| Multi-race                          | 22,413             | 149          | (0.7)            | 88   | 38         | 23               | (15.4)               | (59.1)                | (69.8)                | 62  | 12         | 75               | (50.3)               | (41.6)                | (83.8)                |
| Declined                            | 52,456             | 187          | (0.4)            | 113  | 59         | 15               | (8.0)                | (60.4)                | (65.7)                | 20  | 46         | 121              | (64.7)               | (10.7)                | (30.3)                |

| Demographic characteristics   | HIV testing events |              |                  | Linkage to HIV medical care within any timeframe |            |                  |                      |                       |                       | 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 %) |
| Don't know/not asked  | 88,214             | 334          | (0.4)            | 103  | 131        | 100              | (29.9)               | (30.8)                | (44.0)                | 63  | 10         | 261              | (78.1)               | (18.9)                | (86.3)                |
| Missing/invalid   | 9,028              | 38           | (0.4)            | 0  | 0          | 38               | (100.0)              | (0.0)                 | (0.0)                 | 0   | 0          | 38               | (100.0)              | (0.0)                 | (0.0)                 |
| <b>Region</b>   |                    |              |                  |  |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Northeast   | 637,257            | 2,510        | (0.4)            | 1,535  | 529        | 446              | (17.8)               | (61.2)                | (74.4)                | 1,103   | 270        | 1,137            | (45.3)               | (43.9)                | (80.3)                |
| Midwest   | 310,309            | 1,484        | (0.5)            | 730  | 282        | 472              | (31.8)               | (49.2)                | (72.1)                | 609   | 159        | 716              | (48.2)               | (41.0)                | (79.3)                |
| South   | 1,935,693          | 10,024       | (0.5)            | 4,462  | 2,906      | 2,656            | (26.5)               | (44.5)                | (60.6)                | 3,001   | 752        | 6,271            | (62.6)               | (29.9)                | (80.0)                |
| West  | 366,757            | 2,473        | (0.7)            | 1,577  | 478        | 418              | (16.9)               | (63.8)                | (76.7)                | 1,010   | 123        | 1,340            | (54.2)               | (40.8)                | (89.1)                |
| U.S. dependent areas  | 37,008             | 485          | (1.3)            | 398  | 64         | 23               | (4.7)                | (82.1)                | (86.1)                | 394   | 18         | 73               | (15.1)               | (81.2)                | (95.6)                |
| <b>Testing site type</b>  |                    |              |                  |  |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Health care facilities including correctional facility clinics                                | 2,297,501          | 9,994        | (0.4)            | 5,154  | 2,440      | 2,400            | (24.0)               | (51.6)                | (67.9)                | 3,635   | 816        | 5,543            | (55.5)               | (36.4)                | (81.7)                |
| Non-health care facilities  | 985,611            | 6,976        | (0.7)            | 3,547  | 1,817      | 1,612            | (23.1)               | (50.8)                | (66.1)                | 2,481   | 506        | 3,989            | (57.2)               | (35.6)                | (83.1)                |
| Other facilities  | 2                  | 0            | (0.0)            | ...  | ...        | ...              | ...                  | ...                   | ...                   | ...   | ...        | ...              | ...                  | ...                   | ...                   |
| Missing/invalid   | 3,910              | 6            | (0.2)            | 1  | 2          | 3                | (50.0)               | (16.7)                | (33.3)                | 1   | 0          | 5                | (83.3)               | (16.7)                | (100.0)               |
| <b>Target population</b> (not required for persons who test negative in health care settings) |                    |              |                  |  |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Men who have sex with men and injection drug use  | 6,387              | 237          | (3.7)            | 142  | 53         | 42               | (17.7)               | (59.9)                | (72.8)                | 106   | 23         | 108              | (45.6)               | (44.7)                | (82.2)                |
| Men who have sex with men   | 234,776            | 7,244        | (3.1)            | 4,209  | 1,587      | 1,448            | (20.0)               | (58.1)                | (72.6)                | 3,224   | 572        | 3,448            | (47.6)               | (44.5)                | (84.9)                |
| Transgender and injection drug use  | 515                | 16           | (3.1)            | 7  | 2          | 7                | (43.8)               | (43.8)                | (77.8)                | 4   | 1          | 11               | (68.8)               | (25.0)                | (80.0)                |
| Transgender   | 11,237             | 190          | (1.7)            | 96   | 43         | 51               | (26.8)               | (50.5)                | (69.1)                | 71  | 12         | 107              | (56.3)               | (37.4)                | (85.5)                |
| Injection drug use  | 76,408             | 373          | (0.5)            | 145  | 130        | 98               | (26.3)               | (38.9)                | (52.7)                | 111   | 47         | 215              | (57.6)               | (29.8)                | (70.3)                |
| Heterosexual males  | 609,741            | 2,557        | (0.4)            | 1,267  | 645        | 645              | (25.2)               | (49.6)                | (66.3)                | 975   | 276        | 1,306            | (51.1)               | (38.1)                | (77.9)                |
| Heterosexual females  | 877,437            | 2,202        | (0.3)            | 1,172  | 495        | 535              | (24.3)               | (53.2)                | (70.3)                | 904   | 203        | 1,095            | (49.7)               | (41.1)                | (81.7)                |
| Not asked/no risk/missing/invalid <sup>b</sup>  | 1,470,523          | 4,157        | (0.3)            | 1,664  | 1,304      | 1,189            | (28.6)               | (40.0)                | (56.1)                | 722   | 188        | 3,247            | (78.1)               | (17.4)                | (79.3)                |



| Demographic characteristics             | HIV testing events |               |                  | Linkage to HIV medical care within any timeframe |              |                  |                      |                       |                       | 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>Rapid test used in testing event</b> |                    |               |                  |  |              |                  |                      |                       |                       |   |              |                  |                      |                       |                       |
| Yes                                     | 1,856,530          | 11,934        | (0.6)            | 6,614  | 2,839        | 2,481            | (20.8)               | (55.4)                | (70.0)                | 4,583   | 1,023        | 6,328            | (53.0)               | (38.4)                | (81.8)                |
| No                                      | 1,420,827          | 5,036         | (0.4)            | 2,088  | 1,420        | 1,528            | (30.3)               | (41.5)                | (59.5)                | 1,534   | 299          | 3,203            | (63.6)               | (30.5)                | (83.7)                |
| Missing/invalid                         | 9,667              | 6             | (0.1)            | 0  | 0            | 6                | (100.0)              | (0.0)                 | (0.0)                 | 0   | 0            | 6                | (100.0)              | (0.0)                 | (0.0)                 |
| <b>Total</b>                            | <b>3,287,024</b>   | <b>16,976</b> | <b>(0.5)</b>     | <b>8,702</b>                                     | <b>4,259</b> | <b>4,015</b>     | <b>(23.7)</b>        | <b>(51.3)</b>         | <b>(67.1)</b>         | <b>6,117</b>  | <b>1,322</b> | <b>9,537</b>     | <b>(56.2)</b>        | <b>(36.0)</b>         | <b>(82.2)</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 15.6% of newly identified HIV-positive persons in 2012 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 required for all testing events conducted in non-health care settings but are only required for HIV-positive persons from health care settings.

**Table 7. HIV testing and care continuum, including partner and HIV prevention services, by demographic characteristics of newly identified HIV-positive persons from 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012.**

| Demographic characteristics         | Referred to partner services |              |                  |                      |                       |                       | Interview for partner services <sup>a</sup> |                  |                  |                      |                       |                       | Referred to HIV prevention services |              |                  |                      |                       |                       |
|-------------------------------------|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|------------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|
|                                     | Referred                     | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Inter-viewed                                | Not inter-viewed | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Referred                            | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) |
| <b>Age at test (years)</b>          |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| <13                                 | 9                            | 8            | 1                | (5.6)                | (50.0)                | (52.9)                | 4   | 8                | 6                | (33.3)               | (22.2)                | (33.3)                | 7                                   | 7            | 4                | (22.2)               | (38.9)                | (50.0)                |
| 13–19                               | 422                          | 82           | 102              | (16.8)               | (69.6)                | (83.7)                | 225   | 118              | 263              | (43.4)               | (37.1)                | (65.6)                | 314                                 | 91           | 201              | (33.2)               | (51.8)                | (77.5)                |
| 20–29                               | 4,594                        | 882          | 1,234            | (18.4)               | (68.5)                | (83.9)                | 2,363                                       | 1,277            | 3,070            | (45.8)               | (35.2)                | (64.9)                | 3,573                               | 1,151        | 1,986            | (29.6)               | (53.2)                | (75.6)                |
| 30–39                               | 2,665                        | 616          | 802              | (19.6)               | (65.3)                | (81.2)                | 1,366                                       | 891              | 1,826            | (44.7)               | (33.5)                | (60.5)                | 2,147                               | 777          | 1,159            | (28.4)               | (52.6)                | (73.4)                |
| 40–49                               | 2,045                        | 548          | 619              | (19.3)               | (63.7)                | (78.9)                | 1,046                                       | 790              | 1,376            | (42.8)               | (32.6)                | (57.0)                | 1,657                               | 595          | 960              | (29.9)               | (51.6)                | (73.6)                |
| 50+                                 | 1,389                        | 462          | 445              | (19.4)               | (60.5)                | (75.0)                | 753   | 649              | 894              | (38.9)               | (32.8)                | (53.7)                | 1,144                               | 459          | 693              | (30.2)               | (49.8)                | (71.4)                |
| Missing/invalid                     | 34                           | 8            | 9                | (17.6)               | (66.7)                | (81.0)                | 24  | 13               | 14               | (27.5)               | (47.1)                | (64.9)                | 23                                  | 13           | 15               | (29.4)               | (45.1)                | (63.9)                |
| <b>Gender</b>                       |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| Male                                | 8,848                        | 1,987        | 2,498            | (18.7)               | (66.4)                | (81.7)                | 4,558                                       | 2,872            | 5,903            | (44.3)               | (34.2)                | (61.3)                | 7,138                               | 2,412        | 3,783            | (28.4)               | (53.5)                | (74.7)                |
| Female                              | 2,049                        | 574          | 681              | (20.6)               | (62.0)                | (78.1)                | 1,102                                       | 804              | 1,398            | (42.3)               | (33.4)                | (57.8)                | 1,571                               | 584          | 1,149            | (34.8)               | (47.5)                | (72.9)                |
| Other                               | 60                           | 1            | 0                | (0.0)                | (98.4)                | (98.4)                | 52  | 8                | 1                | (1.6)                | (85.2)                | (86.7)                | 7                                   | 45           | 9                | (14.8)               | (11.5)                | (13.5)                |
| Declined/<br>not asked              | 7                            | 6            | 0                | (0.0)                | (53.8)                | (53.8)                | 3   | 7                | 3                | (23.1)               | (23.1)                | (30.0)                | 8                                   | 4            | 1                | (7.7)                | (61.5)                | (66.7)                |
| Missing/invalid                     | 57                           | 2            | 0                | (0.0)                | (96.6)                | (96.6)                | 22  | 3                | 34               | (57.6)               | (37.3)                | (88.0)                | 20                                  | 6            | 33               | (55.9)               | (33.9)                | (76.9)                |
| <b>Race/ethnicity</b>               |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| White                               | 2,376                        | 501          | 646              | (18.3)               | (67.4)                | (82.6)                | 1,234                                       | 762              | 1,527            | (43.3)               | (35.0)                | (61.8)                | 2,020                               | 697          | 806              | (22.9)               | (57.3)                | (74.3)                |
| Black or African American           | 5,759                        | 1,468        | 1,657            | (18.7)               | (64.8)                | (79.7)                | 2,942                                       | 1,991            | 3,951            | (44.5)               | (33.1)                | (59.6)                | 4,410                               | 1,575        | 2,899            | (32.6)               | (49.6)                | (73.7)                |
| Hispanic or Latino                  | 2,395                        | 391          | 711              | (20.3)               | (68.5)                | (86.0)                | 1,382                                       | 678              | 1,437            | (41.1)               | (39.5)                | (67.1)                | 2,008                               | 583          | 906              | (25.9)               | (57.4)                | (77.5)                |
| Asian                               | 160                          | 31           | 45               | (19.1)               | (67.8)                | (83.8)                | 50  | 61               | 125              | (53.0)               | (21.2)                | (45.0)                | 139                                 | 43           | 54               | (22.9)               | (58.9)                | (76.4)                |
| American Indian or Alaska Native    | 63                           | 17           | 7                | (8.0)                | (72.4)                | (78.8)                | 28  | 23               | 36               | (41.4)               | (32.2)                | (54.9)                | 48                                  | 21           | 18               | (20.7)               | (55.2)                | (69.6)                |
| Native Hawaiian or Pacific Islander | 28                           | 4            | 9                | (22.0)               | (68.3)                | (87.5)                | 14  | 5                | 22               | (53.7)               | (34.1)                | (73.7)                | 23                                  | 7            | 11               | (26.8)               | (56.1)                | (76.7)                |
| Multi-race                          | 118                          | 17           | 14               | (9.4)                | (79.2)                | (87.4)                | 66  | 29               | 54               | (36.2)               | (44.3)                | (69.5)                | 86                                  | 35           | 28               | (18.8)               | (57.7)                | (71.1)                |

| Demographic characteristics  | Referred to partner services |              |                  |                      |                       |                       | Interview for partner services <sup>a</sup> |                  |                  |                      |                       |                       | Referred to HIV prevention services |              |                  |                      |                       |                       |
|--|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|------------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|
|  | Referred                     | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Inter-viewed                                | Not inter-viewed | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Referred                            | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) |
| Declined   | 109                          | 54           | 24               | (12.8)               | (58.3)                | (66.9)                | 15  | 61               | 111              | (59.4)               | (8.0)                 | (19.7)                | 34                                  | 10           | 143              | (76.5)               | (18.2)                | (77.3)                |
| Don't know/not asked   | 112                          | 123          | 99               | (29.6)               | (33.5)                | (47.7)                | 50  | 136              | 148              | (44.3)               | (15.0)                | (26.9)                | 96                                  | 122          | 116              | (34.7)               | (28.7)                | (44.0)                |
| Missing/invalid  | 38                           | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 0   | 0                | 38               | (100.0)              | (0.0)                 | (0.0)                 | 1                                   | 0            | 37               | (97.4)               | (2.6)                 | (100.0)               |
| <b>Region</b>  |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| Northeast  | 1,412                        | 705          | 393              | (15.7)               | (56.3)                | (66.7)                | 440   | 850              | 1,220            | (48.6)               | (17.5)                | (34.1)                | 1,343                               | 599          | 568              | (22.6)               | (53.5)                | (69.2)                |
| Midwest  | 1,153                        | 143          | 188              | (12.7)               | (77.7)                | (89.0)                | 663   | 198              | 623              | (42.0)               | (44.7)                | (77.0)                | 1,033                               | 194          | 257              | (17.3)               | (69.6)                | (84.2)                |
| South  | 6,260                        | 1,513        | 2,251            | (22.5)               | (62.5)                | (80.5)                | 3,605                                       | 2,139            | 4,280            | (42.7)               | (36.0)                | (62.8)                | 4,516                               | 1,737        | 3,771            | (37.6)               | (45.1)                | (72.2)                |
| West   | 1,901                        | 196          | 376              | (15.2)               | (76.9)                | (90.7)                | 662   | 499              | 1,312            | (53.1)               | (26.8)                | (57.0)                | 1,598                               | 457          | 418              | (16.9)               | (64.6)                | (77.8)                |
| U.S. dependent areas   | 432                          | 49           | 4                | (0.8)                | (89.1)                | (89.8)                | 411   | 60               | 14               | (2.9)                | (84.7)                | (87.3)                | 375                                 | 106          | 4                | (0.8)                | (77.3)                | (78.0)                |
| <b>Testing site type</b>   |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| Health care facilities includes correctional facility clinics                                    | 6,581                        | 1,464        | 1,949            | (19.5)               | (65.8)                | (81.8)                | 3,539                                       | 2,041            | 4,414            | (44.2)               | (35.4)                | (63.4)                | 5,304                               | 1,906        | 2,784            | (27.9)               | (53.1)                | (73.6)                |
| Non-health care facilities   | 4,574                        | 1,139        | 1,263            | (18.1)               | (65.6)                | (80.1)                | 2,242                                       | 1,702            | 3,032            | (43.5)               | (32.1)                | (56.8)                | 3,561                               | 1,184        | 2,231            | (32.0)               | (51.0)                | (75.0)                |
| Missing/invalid  | 3                            | 3            | 0                | (0.0)                | (50.0)                | (50.0)                | 0   | 3                | 3                | (50.0)               | (0.0)                 | (0.0)                 | 0                                   | 3            | 3                | (50.0)               | (0.0)                 | (0.0)                 |
| <b>Target population</b><br>(not required for persons who test negative in health care settings) |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| Men who have sex with men, injection drug use  | 167                          | 33           | 37               | (15.6)               | (70.5)                | (83.5)                | 85  | 62               | 90               | (38.0)               | (35.9)                | (57.8)                | 136                                 | 52           | 49               | (20.7)               | (57.4)                | (72.3)                |
| Men who have sex with men  | 5,644                        | 912          | 688              | (9.5)                | (77.9)                | (86.1)                | 3,039                                       | 1,463            | 2,742            | (37.9)               | (42.0)                | (67.5)                | 4,605                               | 1,241        | 1,398            | (19.3)               | (63.6)                | (78.8)                |
| Transgender and injection drug use   | 12                           | 1            | 3                | (18.8)               | (75.0)                | (92.3)                | 1   | 3                | 12               | (75.0)               | (6.3)                 | (25.0)                | 10                                  | 2            | 4                | (25.0)               | (62.5)                | (83.3)                |
| Transgender  | 125                          | 35           | 30               | (15.8)               | (65.8)                | (78.1)                | 43  | 49               | 98               | (51.6)               | (22.6)                | (46.7)                | 111                                 | 40           | 39               | (20.5)               | (58.4)                | (73.5)                |
| Injection drug use   | 191                          | 93           | 89               | (23.9)               | (51.2)                | (67.3)                | 96  | 138              | 139              | (37.3)               | (25.7)                | (41.0)                | 184                                 | 61           | 128              | (34.3)               | (49.3)                | (75.1)                |

| Demographic characteristics             | Referred to partner services |              |                  |                      |                       |                       | Interview for partner services <sup>a</sup> |                  |                  |                      |                       |                       | Referred to HIV prevention services |              |                  |                      |                       |                       |
|---|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|------------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|
|   | Referred                     | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Inter-viewed                                | Not inter-viewed | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Referred                            | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) |
| Heterosexual males                      | 1,786                        | 399          | 372              | (14.5)               | (69.8)                | (81.7)                | 957   | 580              | 1,020            | (39.9)               | (37.4)                | (62.3)                | 1,335                               | 420          | 802              | (31.4)               | (52.2)                | (76.1)                |
| Heterosexual females                    | 1,575                        | 341          | 286              | (13.0)               | (71.5)                | (82.2)                | 872   | 508              | 822              | (37.3)               | (39.6)                | (63.2)                | 1,201                               | 370          | 631              | (28.7)               | (54.5)                | (76.4)                |
| Not asked/no risk/missing/invalid       | 1,658                        | 792          | 1,707            | (41.1)               | (39.9)                | (67.7)                | 688   | 943              | 2,526            | (60.8)               | (16.6)                | (42.2)                | 1,283                               | 907          | 1,967            | (47.3)               | (30.9)                | (58.6)                |
| <b>Rapid test used in testing event</b> |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| Yes                                     | 8,157                        | 1,766        | 2,011            | (16.9)               | (68.4)                | (82.2)                | 4,184                                       | 2,657            | 5,093            | (42.7)               | (35.1)                | (61.2)                | 6,826                               | 2,190        | 2,918            | (24.5)               | (57.2)                | (75.7)                |
| No                                      | 2,995                        | 840          | 1,201            | (23.8)               | (59.5)                | (78.1)                | 1,594                                       | 1,089            | 2,353            | (46.7)               | (31.7)                | (59.4)                | 2,039                               | 903          | 2,094            | (41.6)               | (40.5)                | (69.3)                |
| Missing/invalid                         | 6                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 3   | 0                | 3                | (50.0)               | (50.0)                | (100.0)               | 0                                   | 0            | 6                | (100.0)              | (0.0)                 | (0.0)                 |
| <b>Total</b>                            | <b>11,158</b>                | <b>2,606</b> | <b>3,212</b>     | <b>(18.9)</b>        | <b>(65.7)</b>         | <b>(81.1)</b>         | <b>5,781</b>                                | <b>3,746</b>     | <b>7,449</b>     | <b>(43.9)</b>        | <b>(34.1)</b>         | <b>(60.7)</b>         | <b>8,865</b>                        | <b>3,093</b> | <b>5,018</b>     | <b>(29.6)</b>        | <b>(52.2)</b>         | <b>(74.1)</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.

**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 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012.**

| Demographic characteristics         | HIV testing events |              |                  | Linkage to HIV medical care within any timeframe |            |                  |                      |                       |                       | 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                                 | 3,776              | 12           | (0.3)            | 4  | 4          | 4                | (33.3)               | (33.3)                | (50.0)                | 2   | 1          | 9                | (75.0)               | (16.7)                | (66.7)                |
| 13–19                               | 217,985            | 386          | (0.2)            | 174  | 93         | 119              | (30.8)               | (45.1)                | (65.2)                | 137   | 37         | 212              | (54.9)               | (35.5)                | (78.7)                |
| 20–29                               | 958,133            | 3,857        | (0.4)            | 1,951  | 947        | 959              | (24.9)               | (50.6)                | (67.3)                | 1,337   | 360        | 2,160            | (56.0)               | (34.7)                | (78.8)                |
| 30–39                               | 500,913            | 2,454        | (0.5)            | 1,295  | 587        | 572              | (23.3)               | (52.8)                | (68.8)                | 877   | 192        | 1,385            | (56.4)               | (35.7)                | (82.0)                |
| 40–49                               | 308,914            | 1,868        | (0.6)            | 973  | 454        | 441              | (23.6)               | (52.1)                | (68.2)                | 727   | 131        | 1,010            | (54.1)               | (38.9)                | (84.7)                |
| 50+                                 | 294,983            | 1,384        | (0.5)            | 740  | 345        | 299              | (21.6)               | (53.5)                | (68.2)                | 542   | 93         | 749              | (54.1)               | (39.2)                | (85.4)                |
| Missing/invalid                     | 12,797             | 33           | (0.3)            | 17   | 10         | 6                | (18.2)               | (51.5)                | (63.0)                | 13  | 2          | 18               | (54.5)               | (39.4)                | (86.7)                |
| <b>Gender</b>                       |                    |              |                  |  |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Male                                | 986,776            | 7,586        | (0.8)            | 3,991  | 1,886      | 1,709            | (22.5)               | (52.6)                | (67.9)                | 2,789   | 619        | 4,178            | (55.1)               | (36.8)                | (81.8)                |
| Female                              | 1,285,828          | 2,209        | (0.2)            | 1,073  | 512        | 624              | (28.2)               | (48.6)                | (67.7)                | 802   | 174        | 1,233            | (55.8)               | (36.3)                | (82.2)                |
| Other                               | 8,659              | 61           | (0.7)            | 31   | 22         | 8                | (13.1)               | (50.8)                | (58.5)                | 0   | 19         | 42               | (68.9)               | (0.0)                 | (0.0)                 |
| Declined/not asked                  | 2,032              | 9            | (0.4)            | 6  | 1          | 2                | (22.2)               | (66.7)                | (85.7)                | 3   | 0          | 6                | (66.7)               | (33.3)                | (100.0)               |
| Missing/invalid                     | 7,753              | 49           | (0.6)            | 9  | 8          | 32               | (65.3)               | (18.4)                | (52.9)                | 9   | 0          | 40               | (81.6)               | (18.4)                | (100.0)               |
| <b>Race/ethnicity</b>               |                    |              |                  |  |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| White                               | 618,163            | 1,972        | (0.3)            | 1,006  | 503        | 463              | (23.5)               | (51.0)                | (66.7)                | 692   | 135        | 1,145            | (58.1)               | (35.1)                | (83.7)                |
| Black or African American           | 1,035,531          | 5,488        | (0.5)            | 2,591  | 1,407      | 1,490            | (27.2)               | (47.2)                | (64.8)                | 1,848   | 523        | 3,117            | (56.8)               | (33.7)                | (77.9)                |
| Hispanic or Latino                  | 465,098            | 1,934        | (0.4)            | 1,295  | 330        | 309              | (16.0)               | (67.0)                | (79.7)                | 952   | 105        | 877              | (45.3)               | (49.2)                | (90.1)                |
| Asian                               | 41,150             | 120          | (0.3)            | 68   | 29         | 23               | (19.2)               | (56.7)                | (70.1)                | 44  | 8          | 68               | (56.7)               | (36.7)                | (84.6)                |
| American Indian or Alaska Native    | 8,666              | 47           | (0.5)            | 22   | 14         | 11               | (23.4)               | (46.8)                | (61.1)                | 16  | 6          | 25               | (53.2)               | (34.0)                | (72.7)                |
| Native Hawaiian or Pacific Islander | 4,462              | 18           | (0.4)            | 11   | 2          | 5                | (27.8)               | (61.1)                | (84.6)                | 8   | 1          | 9                | (50.0)               | (44.4)                | (88.9)                |
| Multi-race                          | 12,422             | 60           | (0.5)            | 38   | 14         | 8                | (13.3)               | (63.3)                | (73.1)                | 27  | 7          | 26               | (43.3)               | (45.0)                | (79.4)                |
| Declined                            | 38,870             | 96           | (0.2)            | 60   | 31         | 5                | (5.2)                | (62.5)                | (65.9)                | 12  | 25         | 59               | (61.5)               | (12.5)                | (32.4)                |
| Don't know/not asked                | 70,965             | 253          | (0.4)            | 63   | 110        | 80               | (31.6)               | (24.9)                | (36.4)                | 36  | 6          | 211              | (83.4)               | (14.2)                | (85.7)                |

| Demographic characteristics   | HIV testing events |              |                  | Linkage to HIV medical care within any timeframe |              |                  |                      |                       |                       | 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   | 2,174              | 6            | (0.3)            | 0  | 0            | 6                | (100.0)              | (0.0)                 | (0.0)                 | 0   | 0          | 6                | (100.0)              | (0.0)                 | (0.0)                 |
| <b>Region</b>   |                    |              |                  |  |              |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Northeast   | 404,860            | 1,440        | (0.4)            | 898  | 307          | 235              | (16.3)               | (62.4)                | (74.5)                | 609   | 172        | 659              | (45.8)               | (42.3)                | (78.0)                |
| Midwest   | 238,772            | 878          | (0.4)            | 446  | 164          | 268              | (30.5)               | (50.8)                | (73.1)                | 355   | 94         | 429              | (48.9)               | (40.4)                | (79.1)                |
| South   | 1,398,598          | 5,972        | (0.4)            | 2,590  | 1,742        | 1,640            | (27.5)               | (43.4)                | (59.8)                | 1,782   | 465        | 3,725            | (62.4)               | (29.8)                | (79.3)                |
| West  | 228,527            | 1,289        | (0.6)            | 858  | 191          | 240              | (18.6)               | (66.6)                | (81.8)                | 528   | 75         | 686              | (53.2)               | (41.0)                | (87.6)                |
| U.S. dependent areas  | 26,744             | 415          | (1.6)            | 362  | 36           | 17               | (4.1)                | (87.2)                | (91.0)                | 361   | 10         | 44               | (10.6)               | (87.0)                | (97.3)                |
| <b>Target population</b> (not required for persons who test negative in health care settings) |                    |              |                  |  |              |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Men who have sex with men, injection drug use   | 2,616              | 101          | (3.9)            | 74   | 16           | 11               | (10.9)               | (73.3)                | (82.2)                | 58  | 11         | 32               | (31.7)               | (57.4)                | (84.1)                |
| Men who have sex with men   | 91,806             | 3,556        | (3.9)            | 2,162  | 711          | 683              | (19.2)               | (60.8)                | (75.3)                | 1,674   | 340        | 1,542            | (43.4)               | (47.1)                | (83.1)                |
| Transgender and injection drug use  | 178                | 7            | (3.9)            | 2  | 0            | 5                | (71.4)               | (28.6)                | (100.0)               | 1   | 0          | 6                | (85.7)               | (14.3)                | (100.0)               |
| Transgender   | 6,275              | 73           | (1.2)            | 42   | 11           | 20               | (27.4)               | (57.5)                | (79.2)                | 31  | 4          | 38               | (52.1)               | (42.5)                | (88.6)                |
| Injection drug use  | 36,574             | 147          | (0.4)            | 73   | 38           | 36               | (24.5)               | (49.7)                | (65.8)                | 52  | 13         | 82               | (55.8)               | (35.4)                | (80.0)                |
| Heterosexual males  | 386,300            | 1,609        | (0.4)            | 843  | 359          | 407              | (25.3)               | (52.4)                | (70.1)                | 665   | 164        | 780              | (48.5)               | (41.3)                | (80.2)                |
| Heterosexual females  | 648,818            | 1,458        | (0.2)            | 809  | 286          | 363              | (24.9)               | (55.5)                | (73.9)                | 644   | 134        | 680              | (46.6)               | (44.2)                | (82.8)                |
| Not asked/no risk/missing/invalid   | 1,124,934          | 3,043        | (0.3)            | 1,149  | 1,019        | 875              | (28.7)               | (37.8)                | (53.0)                | 510   | 150        | 2,383            | (78.3)               | (16.8)                | (77.3)                |
| <b>Rapid test used in testing event</b>   |                    |              |                  |  |              |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Yes   | 1,142,004          | 6,314        | (0.6)            | 3,557  | 1,437        | 1,320            | (20.9)               | (56.3)                | (71.2)                | 2,418   | 623        | 3,273            | (51.8)               | (38.3)                | (79.5)                |
| No  | 1,145,931          | 3,674        | (0.3)            | 1,597  | 1,003        | 1,074            | (29.2)               | (43.5)                | (61.4)                | 1,217   | 193        | 2,264            | (61.6)               | (33.1)                | (86.3)                |
| Missing/invalid   | 9,566              | 6            | (0.1)            | 0  | 0            | 6                | (100.0)              | (0.0)                 | (0.0)                 | 0   | 0          | 6                | (100.0)              | (0.0)                 | (0.0)                 |
| <b>Total</b>  | <b>2,297,501</b>   | <b>9,994</b> | <b>(0.4)</b>     | <b>5,154</b>                                     | <b>2,440</b> | <b>2,400</b>     | <b>(24.0)</b>        | <b>(51.6)</b>         | <b>(67.9)</b>         | <b>3,635</b>  | <b>816</b> | <b>5,543</b>     | <b>(55.5)</b>        | <b>(36.4)</b>         | <b>(81.7)</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 18.5% of newly-identified HIV-positive persons identified in health care and correctional facilities in 2012 were reported using the previous version of the testing form. These data are represented as missing/invalid data.

**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 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012.**

| Demographic characteristics         | Referred to partner services |              |                  |                      |                       |                       | Interview for partner services <sup>a</sup> |                  |                  |                      |                       |                       | Referred to HIV prevention services |              |                  |                     |                       |                       |
|-------------------------------------|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|------------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|---------------------|-----------------------|-----------------------|
|                                     | Referred                     | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Inter-viewed                                | Not inter-viewed | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Referred                            | Not referred | Missing /invalid | (Missing/invalid %) | (Minimum indicator %) | (Maximum indicator %) |
| <b>Age at test (years)</b>          |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                     |                       |                       |
| <13                                 | 5                            | 7            | 0                | (0.0)                | (41.7)                | (41.7)                | 3   | 7                | 2                | (16.7)               | (25.0)                | (30.0)                | 4                                   | 7            | 1                | (8.3)               | (33.3)                | (36.4)                |
| 13–19                               | 282                          | 48           | 56               | (14.5)               | (73.1)                | (85.5)                | 149   | 65               | 172              | (44.6)               | (38.6)                | (69.6)                | 195                                 | 64           | 127              | (32.9)              | (50.5)                | (75.3)                |
| 20–29                               | 2,657                        | 483          | 717              | (18.6)               | (68.9)                | (84.6)                | 1,417                                       | 687              | 1,753            | (45.4)               | (36.7)                | (67.3)                | 2,075                               | 689          | 1,093            | (28.3)              | (53.8)                | (75.1)                |
| 30–39                               | 1,592                        | 357          | 505              | (20.6)               | (64.9)                | (81.7)                | 845   | 506              | 1,103            | (44.9)               | (34.4)                | (62.5)                | 1,303                               | 478          | 673              | (27.4)              | (53.1)                | (73.2)                |
| 40–49                               | 1,170                        | 315          | 383              | (20.5)               | (62.6)                | (78.8)                | 643   | 428              | 797              | (42.7)               | (34.4)                | (60.0)                | 980                                 | 382          | 506              | (27.1)              | (52.5)                | (72.0)                |
| 50+                                 | 853                          | 249          | 282              | (20.4)               | (61.6)                | (77.4)                | 468   | 339              | 577              | (41.7)               | (33.8)                | (58.0)                | 731                                 | 279          | 374              | (27.0)              | (52.8)                | (72.4)                |
| Missing/invalid                     | 22                           | 5            | 6                | (18.2)               | (66.7)                | (81.5)                | 14  | 9                | 10               | (30.3)               | (42.4)                | (60.9)                | 16                                  | 7            | 10               | (30.3)              | (48.5)                | (69.6)                |
| <b>Gender</b>                       |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                     |                       |                       |
| Male                                | 5,002                        | 1,099        | 1,485            | (19.6)               | (65.9)                | (82.0)                | 2,708                                       | 1,530            | 3,348            | (44.1)               | (35.7)                | (63.9)                | 4,133                               | 1,449        | 2,004            | (26.4)              | (54.5)                | (74.0)                |
| Female                              | 1,411                        | 345          | 453              | (20.5)               | (63.9)                | (80.4)                | 748   | 472              | 989              | (44.8)               | (33.9)                | (61.3)                | 1,096                               | 389          | 724              | (32.8)              | (49.6)                | (73.8)                |
| Other                               | 60                           | 1            | 0                | (0.0)                | (98.4)                | (98.4)                | 52  | 8                | 1                | (1.6)                | (85.2)                | (86.7)                | 7                                   | 45           | 9                | (14.8)              | (11.5)                | (13.5)                |
| Declined/<br>not asked              | 5                            | 4            | 0                | (0.0)                | (55.6)                | (55.6)                | 2   | 4                | 3                | (33.3)               | (22.2)                | (33.3)                | 5                                   | 3            | 1                | (11.1)              | (55.6)                | (62.5)                |
| Missing/invalid                     | 47                           | 2            | 0                | (0.0)                | (95.9)                | (95.9)                | 14  | 3                | 32               | (65.3)               | (28.6)                | (82.4)                | 12                                  | 5            | 32               | (65.3)              | (24.5)                | (70.6)                |
| <b>Race/ethnicity</b>               |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                     |                       |                       |
| White                               | 1,312                        | 262          | 398              | (20.2)               | (66.5)                | (83.4)                | 679   | 390              | 903              | (45.8)               | (34.4)                | (63.5)                | 1,119                               | 390          | 463              | (23.5)              | (56.7)                | (74.2)                |
| Black or African American           | 3,559                        | 865          | 1,064            | (19.4)               | (64.9)                | (80.4)                | 1,851                                       | 1,144            | 2,493            | (45.4)               | (33.7)                | (61.8)                | 2,795                               | 1,017        | 1,676            | (30.5)              | (50.9)                | (73.3)                |
| Hispanic or Latino                  | 1,383                        | 192          | 359              | (18.6)               | (71.5)                | (87.8)                | 879   | 326              | 729              | (37.7)               | (45.4)                | (72.9)                | 1,166                               | 338          | 430              | (22.2)              | (60.3)                | (77.5)                |
| Asian                               | 80                           | 15           | 25               | (20.8)               | (66.7)                | (84.2)                | 29  | 32               | 59               | (49.2)               | (24.2)                | (47.5)                | 72                                  | 23           | 25               | (20.8)              | (60.0)                | (75.8)                |
| American Indian or Alaska Native    | 38                           | 8            | 1                | (2.1)                | (80.9)                | (82.6)                | 18  | 12               | 17               | (36.2)               | (38.3)                | (60.0)                | 27                                  | 13           | 7                | (14.9)              | (57.4)                | (67.5)                |
| Native Hawaiian or Pacific Islander | 13                           | 2            | 3                | (16.7)               | (72.2)                | (86.7)                | 8   | 2                | 8                | (44.4)               | (44.4)                | (80.0)                | 10                                  | 3            | 5                | (27.8)              | (55.6)                | (76.9)                |
| Multi-race                          | 53                           | 4            | 3                | (5.0)                | (88.3)                | (93.0)                | 31  | 10               | 19               | (31.7)               | (51.7)                | (75.6)                | 38                                  | 15           | 7                | (11.7)              | (63.3)                | (71.7)                |

| Demographic characteristics  | Referred to partner services |              |                  |                      |                       |                       | Interview for partner services <sup>a</sup> |                  |                  |                      |                       |                       | Referred to HIV prevention services |              |                  |                     |                       |                       |
|--|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|------------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|---------------------|-----------------------|-----------------------|
|  | Referred                     | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Inter-viewed                                | Not inter-viewed | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Referred                            | Not referred | Missing /invalid | (Missing/invalid %) | (Minimum indicator %) | (Maximum indicator %) |
| Declined   | 61                           | 16           | 19               | (19.8)               | (63.5)                | (79.2)                | 12  | 19               | 65               | (67.7)               | (12.5)                | (38.7)                | 9                                   | 6            | 81               | (84.4)              | (9.4)                 | (60.0)                |
| Don't know/not asked   | 76                           | 100          | 77               | (30.4)               | (30.0)                | (43.2)                | 32  | 106              | 115              | (45.5)               | (12.6)                | (23.2)                | 67                                  | 101          | 85               | (33.6)              | (26.5)                | (39.9)                |
| Missing/invalid  | 6                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 0   | 0                | 6                | (100.0)              | (0.0)                 | (0.0)                 | 1                                   | 0            | 5                | (83.3)              | (16.7)                | (100.0)               |
| <b>Region</b>  |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                     |                       |                       |
| Northeast  | 872                          | 374          | 194              | (13.5)               | (60.6)                | (70.0)                | 268   | 454              | 718              | (49.9)               | (18.6)                | (37.1)                | 799                                 | 341          | 300              | (20.8)              | (55.5)                | (70.1)                |
| Midwest  | 708                          | 66           | 104              | (11.8)               | (80.6)                | (91.5)                | 408   | 88               | 382              | (43.5)               | (46.5)                | (82.3)                | 630                                 | 89           | 159              | (18.1)              | (71.8)                | (87.6)                |
| South  | 3,624                        | 924          | 1,424            | (23.8)               | (60.7)                | (79.7)                | 2,069                                       | 1,208            | 2,695            | (45.1)               | (34.6)                | (63.1)                | 2,690                               | 1,115        | 2,167            | (36.3)              | (45.0)                | (70.7)                |
| West   | 980                          | 83           | 226              | (17.5)               | (76.0)                | (92.2)                | 412   | 264              | 613              | (47.6)               | (32.0)                | (60.9)                | 858                                 | 274          | 157              | (12.2)              | (66.6)                | (75.8)                |
| U.S. dependent areas   | 397                          | 17           | 1                | (0.2)                | (95.7)                | (95.9)                | 382   | 27               | 6                | (1.4)                | (92.0)                | (93.4)                | 327                                 | 87           | 1                | (0.2)               | (78.8)                | (79.0)                |
| <b>Target population</b><br>(not required for persons who test negative in health care settings) |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                     |                       |                       |
| Men who have sex with men, injection drug use  | 78                           | 11           | 12               | (11.9)               | (77.2)                | (87.6)                | 45  | 23               | 33               | (32.7)               | (44.6)                | (66.2)                | 59                                  | 28           | 14               | (13.9)              | (58.4)                | (67.8)                |
| Men who have sex with men  | 2,869                        | 402          | 285              | (8.0)                | (80.7)                | (87.7)                | 1,679                                       | 643              | 1,234            | (34.7)               | (47.2)                | (72.3)                | 2,348                               | 610          | 598              | (16.8)              | (66.0)                | (79.4)                |
| Transgender and injection drug use   | 6                            | 0            | 1                | (14.3)               | (85.7)                | (100.0)               | 0   | 1                | 6                | (85.7)               | (0.0)                 | (0.0)                 | 4                                   | 0            | 3                | (42.9)              | (57.1)                | (100.0)               |
| Transgender  | 50                           | 13           | 10               | (13.7)               | (68.5)                | (79.4)                | 15  | 23               | 35               | (47.9)               | (20.5)                | (39.5)                | 47                                  | 15           | 11               | (15.1)              | (64.4)                | (75.8)                |
| Injection drug use   | 89                           | 26           | 32               | (21.8)               | (60.5)                | (77.4)                | 45  | 36               | 66               | (44.9)               | (30.6)                | (55.6)                | 81                                  | 21           | 45               | (30.6)              | (55.1)                | (79.4)                |
| Heterosexual males   | 1,147                        | 196          | 266              | (16.5)               | (71.3)                | (85.4)                | 630   | 304              | 675              | (42.0)               | (39.2)                | (67.5)                | 902                                 | 264          | 443              | (27.5)              | (56.1)                | (77.4)                |
| Heterosexual females   | 1,082                        | 191          | 185              | (12.7)               | (74.2)                | (85.0)                | 602   | 282              | 574              | (39.4)               | (41.3)                | (68.1)                | 843                                 | 230          | 385              | (26.4)              | (57.8)                | (78.6)                |
| Not asked/no risk/missing/invalid  | 1,260                        | 625          | 1,158            | (38.1)               | (41.4)                | (66.8)                | 523   | 729              | 1,791            | (58.9)               | (16.9)                | (41.8)                | 1020                                | 738          | 1,285            | (42.2)              | (33.5)                | (58.0)                |



| Demographic characteristics             | Referred to partner services |              |                  |                      |                       |                       | Interview for partner services <sup>a</sup> |                  |                  |                      |                       |                       | Referred to HIV prevention services |              |                  |                     |                       |                       |
|---|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|------------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|---------------------|-----------------------|-----------------------|
|   | Referred                     | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Inter-viewed                                | Not inter-viewed | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Referred                            | Not referred | Missing /invalid | (Missing/invalid %) | (Minimum indicator %) | (Maximum indicator %) |
| <b>Rapid test used in testing event</b> |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                     |                       |                       |
| Yes                                     | 4,420                        | 877          | 1,017            | (16.1)               | (70.0)                | (83.4)                | 2,364                                       | 1,287            | 2,663            | (42.2)               | (37.4)                | (64.7)                | 3,699                               | 1,197        | 1,418            | (22.5)              | (58.6)                | (75.6)                |
| No                                      | 2,155                        | 587          | 932              | (25.4)               | (58.7)                | (78.6)                | 1,172                                       | 754              | 1,748            | (47.6)               | (31.9)                | (60.9)                | 1,605                               | 709          | 1,360            | (37.0)              | (43.7)                | (69.4)                |
| Missing/invalid                         | 6                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 3   | 0                | 3                | (50.0)               | (50.0)                | (100.0)               | 0                                   | 0            | 6                | (100.0)             | (0.0)                 | (0.0)                 |
| <b>Total</b>                            | <b>6,581</b>                 | <b>1,464</b> | <b>1,949</b>     | <b>(19.5)</b>        | <b>(65.8)</b>         | <b>(81.8)</b>         | <b>3,539</b>                                | <b>2,041</b>     | <b>4,414</b>     | <b>(44.2)</b>        | <b>(35.4)</b>         | <b>(63.4)</b>         | <b>5,304</b>                        | <b>1,906</b> | <b>2,784</b>     | <b>(27.9)</b>       | <b>(53.1)</b>         | <b>(73.6)</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 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 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012.**

| Demographic characteristics         | HIV testing events |              |                  | Linkage to HIV medical care within any timeframe |            |                  |                      |                       |                       | 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                                 | 1,355              | 6            | (0.4)            | 2  | 1          | 3                | (50.0)               | (33.3)                | (66.7)                | 2   | 0          | 4                | (66.7)               | (33.3)                | (100.0)               |
| 13–19                               | 85,347             | 220          | (0.3)            | 114  | 51         | 55               | (25.0)               | (51.8)                | (69.1)                | 77  | 19         | 124              | (56.4)               | (35.0)                | (80.2)                |
| 20–29                               | 386,744            | 2,852        | (0.7)            | 1,455  | 694        | 703              | (24.6)               | (51.0)                | (67.7)                | 997   | 196        | 1,659            | (58.2)               | (35.0)                | (83.6)                |
| 30–39                               | 223,743            | 1,627        | (0.7)            | 891  | 399        | 337              | (20.7)               | (54.8)                | (69.1)                | 598   | 87         | 942              | (57.9)               | (36.8)                | (87.3)                |
| 40–49                               | 153,769            | 1,341        | (0.9)            | 666  | 362        | 313              | (23.3)               | (49.7)                | (64.8)                | 488   | 105        | 748              | (55.8)               | (36.4)                | (82.3)                |
| 50+                                 | 127,960            | 912          | (0.7)            | 412  | 306        | 194              | (21.3)               | (45.2)                | (57.4)                | 315   | 98         | 499              | (54.7)               | (34.5)                | (76.3)                |
| Missing/invalid                     | 6,693              | 18           | (0.3)            | 7  | 4          | 7                | (38.9)               | (38.9)                | (63.6)                | 4   | 1          | 13               | (72.2)               | (22.2)                | (80.0)                |
| <b>Gender</b>                       |                    |              |                  |  |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Male                                | 585,297            | 5,744        | (1.0)            | 2,962  | 1,467      | 1,315            | (22.9)               | (51.6)                | (66.9)                | 2,075   | 405        | 3,264            | (56.8)               | (36.1)                | (83.7)                |
| Female                              | 391,825            | 1,092        | (0.3)            | 518  | 312        | 262              | (24.0)               | (47.4)                | (62.4)                | 356   | 91         | 645              | (59.1)               | (32.6)                | (79.6)                |
| Other                               | 81                 | 0            | (0.0)            | 0  | 0          | 0                | (0.0)                | (0.0)                 | (0.0)                 | 0   | 0          | 0                | (0.0)                | (0.0)                 | (0.0)                 |
| Declined/not asked                  | 799                | 4            | (0.5)            | 1  | 3          | 0                | (0.0)                | (25.0)                | (25.0)                | 1   | 1          | 2                | (50.0)               | (25.0)                | (50.0)                |
| Missing/invalid                     | 2,312              | 10           | (0.4)            | 7  | 1          | 2                | (20.0)               | (70.0)                | (87.5)                | 6   | 0          | 4                | (40.0)               | (60.0)                | (100.0)               |
| <b>Race/ethnicity</b>               |                    |              |                  |  |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| White                               | 276,908            | 1,551        | (0.6)            | 845  | 404        | 302              | (19.5)               | (54.5)                | (67.7)                | 600   | 83         | 868              | (56.0)               | (38.7)                | (87.8)                |
| Black or African American           | 408,307            | 3,392        | (0.8)            | 1,547  | 939        | 906              | (26.7)               | (45.6)                | (62.2)                | 1,121   | 277        | 1,994            | (58.8)               | (33.0)                | (80.2)                |
| Hispanic or Latino                  | 221,224            | 1,561        | (0.7)            | 923  | 347        | 291              | (18.6)               | (59.1)                | (72.7)                | 624   | 99         | 838              | (53.7)               | (40.0)                | (86.3)                |
| Asian                               | 21,660             | 116          | (0.5)            | 65   | 31         | 20               | (17.2)               | (56.0)                | (67.7)                | 51  | 13         | 52               | (44.8)               | (44.0)                | (79.7)                |
| American Indian or Alaska Native    | 7,888              | 40           | (0.5)            | 11   | 17         | 12               | (30.0)               | (27.5)                | (39.3)                | 6   | 3          | 31               | (77.5)               | (15.0)                | (66.7)                |
| Native Hawaiian or Pacific Islander | 3,684              | 23           | (0.6)            | 13   | 6          | 4                | (17.4)               | (56.5)                | (68.4)                | 9   | 1          | 13               | (56.5)               | (39.1)                | (90.0)                |
| Multi-race                          | 9,974              | 89           | (0.9)            | 50   | 24         | 15               | (16.9)               | (56.2)                | (67.6)                | 35  | 5          | 49               | (55.1)               | (39.3)                | (87.5)                |
| Declined                            | 13,580             | 91           | (0.7)            | 53   | 28         | 10               | (11.0)               | (58.2)                | (65.4)                | 8   | 21         | 62               | (68.1)               | (8.8)                 | (27.6)                |

| Demographic characteristics   | HIV testing events |              |                  | Linkage to HIV medical care within any timeframe |              |                  |                      |                       |                       | 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 %) |
| Don't know/not asked  | 15,543             | 81           | (0.5)            | 40   | 21           | 20               | (24.7)               | (49.4)                | (65.6)                | 27  | 4          | 50               | (61.7)               | (33.3)                | (87.1)                |
| Missing/invalid   | 6,843              | 32           | (0.5)            | 0  | 0            | 32               | (100.0)              | (0.0)                 | (0.0)                 | 0   | 0          | 32               | (100.0)              | (0.0)                 | (0.0)                 |
| <b>Region</b>   |                    |              |                  |  |              |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Northeast   | 230,191            | 1,070        | (0.5)            | 637  | 222          | 211              | (19.7)               | (59.5)                | (74.2)                | 494   | 98         | 478              | (44.7)               | (46.2)                | (83.4)                |
| Midwest   | 71,537             | 606          | (0.8)            | 284  | 118          | 204              | (33.7)               | (46.9)                | (70.6)                | 254   | 65         | 287              | (47.4)               | (41.9)                | (79.6)                |
| South   | 536,004            | 4,048        | (0.8)            | 1,872  | 1,163        | 1,013            | (25.0)               | (46.2)                | (61.7)                | 1,219   | 287        | 2,542            | (62.8)               | (30.1)                | (80.9)                |
| West  | 137,615            | 1,182        | (0.9)            | 718  | 286          | 178              | (15.1)               | (60.7)                | (71.5)                | 481   | 48         | 653              | (55.2)               | (40.7)                | (90.9)                |
| U.S. dependent areas  | 10,264             | 70           | (0.7)            | 36   | 28           | 6                | (8.6)                | (51.4)                | (56.3)                | 33  | 8          | 29               | (41.4)               | (47.1)                | (80.5)                |
| <b>Target population</b> (not required for persons who test negative in health care settings) |                    |              |                  |  |              |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Men who have sex with men and injection drug use  | 3,758              | 135          | (3.6)            | 67   | 37           | 31               | (23.0)               | (49.6)                | (64.4)                | 47  | 12         | 76               | (56.3)               | (34.8)                | (79.7)                |
| Men who have sex with men   | 142,935            | 3,688        | (2.6)            | 2,047  | 876          | 765              | (20.7)               | (55.5)                | (70.0)                | 1,550   | 232        | 1,906            | (51.7)               | (42.0)                | (87.0)                |
| Transgender and injection drug use  | 337                | 9            | (2.7)            | 5  | 2            | 2                | (22.2)               | (55.6)                | (71.4)                | 3   | 1          | 5                | (55.6)               | (33.3)                | (75.0)                |
| Transgender   | 4,960              | 117          | (2.4)            | 54   | 32           | 31               | (26.5)               | (46.2)                | (62.8)                | 40  | 8          | 69               | (59.0)               | (34.2)                | (83.3)                |
| Injection drug use  | 39,761             | 225          | (0.6)            | 72   | 91           | 62               | (27.6)               | (32.0)                | (44.2)                | 59  | 34         | 132              | (58.7)               | (26.2)                | (63.4)                |
| Heterosexual males  | 223,204            | 948          | (0.4)            | 424  | 286          | 238              | (25.1)               | (44.7)                | (59.7)                | 310   | 112        | 526              | (55.5)               | (32.7)                | (73.5)                |
| Heterosexual females  | 228,295            | 741          | (0.3)            | 363  | 208          | 170              | (22.9)               | (49.0)                | (63.6)                | 260   | 69         | 412              | (55.6)               | (35.1)                | (79.0)                |
| Not asked/no risk/missing/invalid   | 342,361            | 1,113        | (0.3)            | 515  | 285          | 313              | (28.1)               | (46.3)                | (64.4)                | 212   | 38         | 863              | (77.5)               | (19.0)                | (84.8)                |
| <b>Rapid test used in testing event</b>   |                    |              |                  |  |              |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Yes   | 713,197            | 5,617        | (0.8)            | 3,056  | 1,401        | 1,160            | (20.7)               | (54.4)                | (68.6)                | 2,164   | 400        | 3,053            | (54.4)               | (38.5)                | (84.4)                |
| No  | 272,313            | 1,359        | (0.5)            | 491  | 416          | 452              | (33.3)               | (36.1)                | (54.1)                | 317   | 106        | 936              | (68.9)               | (23.3)                | (74.9)                |
| Missing/invalid   | 101                | 0            | (0.0)            | 0  | 0            | 0                | (0.0)                | (0.0)                 | (0.0)                 | 0   | 0          | 0                | (0.0)                | (0.0)                 | (0.0)                 |
| <b>Total</b>  | <b>985,611</b>     | <b>6,976</b> | <b>(0.7)</b>     | <b>3,547</b>                                     | <b>1,817</b> | <b>1,612</b>     | <b>(23.1)</b>        | <b>(50.8)</b>         | <b>(66.1)</b>         | <b>2,481</b>  | <b>506</b> | <b>3,989</b>     | <b>(57.2)</b>        | <b>(35.6)</b>         | <b>(83.1)</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 11.4% of newly identified HIV-positive persons identified in non-health care facilities in 2012 were reported using the previous version of the testing form. Therefore, these data are represented as missing/invalid data.

**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 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012.**

| Demographic characteristics         | Referred to partner services |              |                  |                      |                       |                       | Interview for partner services <sup>a</sup> |                  |                  |                      |                       |                       | Referred to HIV prevention services |              |                  |                      |                       |                       |
|-------------------------------------|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|------------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|
|                                     | Referred                     | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Inter-viewed                                | Not inter-viewed | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Referred                            | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) |
| <b>Age at test (years)</b>          |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| <13                                 | 4                            | 1            | 1                | (16.7)               | (66.7)                | (80.0)                | 1   | 1                | 4                | (66.7)               | (16.7)                | (50.0)                | 3                                   | 0            | 3                | (50.0)               | (50.0)                | (100.0)               |
| 13–19                               | 140                          | 34           | 46               | (20.9)               | (63.6)                | (80.5)                | 76  | 53               | 91               | (41.4)               | (34.5)                | (58.9)                | 119                                 | 27           | 74               | (33.6)               | (54.1)                | (81.5)                |
| 20–29                               | 1,937                        | 398          | 517              | (18.1)               | (67.9)                | (83.0)                | 946   | 589              | 1,317            | (46.2)               | (33.2)                | (61.6)                | 1,498                               | 461          | 893              | (31.3)               | (52.5)                | (76.5)                |
| 30–39                               | 1,072                        | 258          | 297              | (18.3)               | (65.9)                | (80.6)                | 521   | 384              | 722              | (44.4)               | (32.0)                | (57.6)                | 844                                 | 298          | 485              | (29.8)               | (51.9)                | (73.9)                |
| 40–49                               | 873                          | 232          | 236              | (17.6)               | (65.1)                | (79.0)                | 403   | 361              | 577              | (43.0)               | (30.1)                | (52.7)                | 677                                 | 212          | 452              | (33.7)               | (50.5)                | (76.2)                |
| 50+                                 | 536                          | 213          | 163              | (17.9)               | (58.8)                | (71.6)                | 285   | 310              | 317              | (34.8)               | (31.3)                | (47.9)                | 413                                 | 180          | 319              | (35.0)               | (45.3)                | (69.6)                |
| Missing/invalid                     | 12                           | 3            | 3                | (16.7)               | (66.7)                | (80.0)                | 10  | 4                | 4                | (22.2)               | (55.6)                | (71.4)                | 7                                   | 6            | 5                | (27.8)               | (38.9)                | (53.8)                |
| <b>Gender</b>                       |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| Male                                | 3,845                        | 886          | 1,013            | (17.6)               | (66.9)                | (81.3)                | 1,850                                       | 1,340            | 2,554            | (44.5)               | (32.2)                | (58.0)                | 3,005                               | 961          | 1,778            | (31.0)               | (52.3)                | (75.8)                |
| Female                              | 636                          | 228          | 228              | (20.9)               | (58.2)                | (73.6)                | 354   | 331              | 407              | (37.3)               | (32.4)                | (51.7)                | 475                                 | 194          | 423              | (38.7)               | (43.5)                | (71.0)                |
| Declined/not asked                  | 2                            | 2            | 0                | (0.0)                | (50.0)                | (50.0)                | 1   | 3                | 0                | (0.0)                | (25.0)                | (25.0)                | 3                                   | 1            | 0                | (0.0)                | (75.0)                | (75.0)                |
| Missing/invalid                     | 10                           | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 8   | 0                | 2                | (20.0)               | (80.0)                | (100.0)               | 8                                   | 1            | 1                | (10.0)               | (80.0)                | (88.9)                |
| <b>Race/ethnicity</b>               |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| White                               | 1,064                        | 239          | 248              | (16.0)               | (68.6)                | (81.7)                | 555   | 372              | 624              | (40.2)               | (35.8)                | (59.9)                | 901                                 | 307          | 343              | (22.1)               | (58.1)                | (74.6)                |
| Black or African American           | 2,197                        | 602          | 593              | (17.5)               | (64.8)                | (78.5)                | 1,091                                       | 846              | 1,455            | (42.9)               | (32.2)                | (56.3)                | 1,615                               | 557          | 1,220            | (36.0)               | (47.6)                | (74.4)                |
| Hispanic or Latino                  | 1,012                        | 197          | 352              | (22.5)               | (64.8)                | (83.7)                | 503   | 350              | 708              | (45.4)               | (32.2)                | (59.0)                | 842                                 | 243          | 476              | (30.5)               | (53.9)                | (77.6)                |
| Asian                               | 80                           | 16           | 20               | (17.2)               | (69.0)                | (83.3)                | 21  | 29               | 66               | (56.9)               | (18.1)                | (42.0)                | 67                                  | 20           | 29               | (25.0)               | (57.8)                | (77.0)                |
| American Indian or Alaska Native    | 25                           | 9            | 6                | (15.0)               | (62.5)                | (73.5)                | 10  | 11               | 19               | (47.5)               | (25.0)                | (47.6)                | 21                                  | 8            | 11               | (27.5)               | (52.5)                | (72.4)                |
| Native Hawaiian or Pacific Islander | 15                           | 2            | 6                | (26.1)               | (65.2)                | (88.2)                | 6   | 3                | 14               | (60.9)               | (26.1)                | (66.7)                | 13                                  | 4            | 6                | (26.1)               | (56.5)                | (76.5)                |
| Multi-race                          | 65                           | 13           | 11               | (12.4)               | (73.0)                | (83.3)                | 35  | 19               | 35               | (39.3)               | (39.3)                | (64.8)                | 48                                  | 20           | 21               | (23.6)               | (53.9)                | (70.6)                |
| Declined                            | 48                           | 38           | 5                | (5.5)                | (52.7)                | (55.8)                | 3   | 42               | 46               | (50.5)               | (3.3)                 | (6.7)                 | 25                                  | 4            | 62               | (68.1)               | (27.5)                | (86.2)                |
| Don't know/not asked                | 36                           | 23           | 22               | (27.2)               | (44.4)                | (61.0)                | 18  | 30               | 33               | (40.7)               | (22.2)                | (37.5)                | 29                                  | 21           | 31               | (38.3)               | (35.8)                | (58.0)                |

| Demographic characteristics   | Referred to partner services |              |                  |                      |                       |                       | Interview for partner services <sup>a</sup> |                  |                  |                      |                       |                       | Referred to HIV prevention services |              |                  |                      |                       |                       |
|---|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|------------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|
|   | Referred                     | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Inter-viewed                                | Not inter-viewed | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Referred                            | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) |
| Missing/invalid   | 32                           | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 0   | 0                | 32               | (100.0)              | (0.0)                 | (0.0)                 | 0                                   | 0            | 32               | (100.0)              | (0.0)                 | (0.0)                 |
| <b>Region</b>   |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| Northeast   | 540                          | 331          | 199              | (18.6)               | (50.5)                | (62.0)                | 172   | 396              | 502              | (46.9)               | (16.1)                | (30.3)                | 544                                 | 258          | 268              | (25.0)               | (50.8)                | (67.8)                |
| Midwest   | 445                          | 77           | 84               | (13.9)               | (73.4)                | (85.2)                | 255   | 110              | 241              | (39.8)               | (42.1)                | (69.9)                | 403                                 | 105          | 98               | (16.2)               | (66.5)                | (79.3)                |
| South   | 2,633                        | 588          | 827              | (20.4)               | (65.0)                | (81.7)                | 1,536                                       | 930              | 1,582            | (39.1)               | (37.9)                | (62.3)                | 1,826                               | 621          | 1,601            | (39.6)               | (45.1)                | (74.6)                |
| West  | 921                          | 111          | 150              | (12.7)               | (77.9)                | (89.2)                | 250   | 233              | 699              | (59.1)               | (21.2)                | (51.8)                | 740                                 | 181          | 261              | (22.1)               | (62.6)                | (80.3)                |
| U.S. dependent areas  | 35                           | 32           | 3                | (4.3)                | (50.0)                | (52.2)                | 29  | 33               | 8                | (11.4)               | (41.4)                | (46.8)                | 48                                  | 19           | 3                | (4.3)                | (68.6)                | (71.6)                |
| <b>Target population</b> (not required for persons who test negative in health care settings) |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| Men who have sex with men and injection drug use  | 89                           | 21           | 25               | (18.5)               | (65.9)                | (80.9)                | 40  | 38               | 57               | (42.2)               | (29.6)                | (51.3)                | 77                                  | 23           | 35               | (25.9)               | (57.0)                | (77.0)                |
| Men who have sex with men   | 2,775                        | 510          | 403              | (10.9)               | (75.2)                | (84.5)                | 1,360                                       | 820              | 1,508            | (40.9)               | (36.9)                | (62.4)                | 2,257                               | 631          | 800              | (21.7)               | (61.2)                | (78.2)                |
| Transgender and injection drug use  | 6                            | 1            | 2                | (22.2)               | (66.7)                | (85.7)                | 1   | 2                | 6                | (66.7)               | (11.1)                | (33.3)                | 6                                   | 2            | 1                | (11.1)               | (66.7)                | (75.0)                |
| Transgender   | 75                           | 22           | 20               | (17.1)               | (64.1)                | (77.3)                | 28  | 26               | 63               | (53.8)               | (23.9)                | (51.9)                | 64                                  | 25           | 28               | (23.9)               | (54.7)                | (71.9)                |
| Injection drug use  | 102                          | 66           | 57               | (25.3)               | (45.3)                | (60.7)                | 51  | 101              | 73               | (32.4)               | (22.7)                | (33.6)                | 103                                 | 39           | 83               | (36.9)               | (45.8)                | (72.5)                |
| Heterosexual males  | 639                          | 203          | 106              | (11.2)               | (67.4)                | (75.9)                | 327   | 276              | 345              | (36.4)               | (34.5)                | (54.2)                | 433                                 | 156          | 359              | (37.9)               | (45.7)                | (73.5)                |
| Heterosexual females  | 491                          | 149          | 101              | (13.6)               | (66.3)                | (76.7)                | 270   | 225              | 246              | (33.2)               | (36.4)                | (54.5)                | 358                                 | 139          | 244              | (32.9)               | (48.3)                | (72.0)                |
| Not asked/no risk/missing/invalid   | 397                          | 167          | 549              | (49.3)               | (35.7)                | (70.4)                | 165   | 214              | 734              | (65.9)               | (14.8)                | (43.5)                | 263                                 | 169          | 679              | (61.0)               | (23.6)                | (60.6)                |
| <b>Rapid test used in testing event</b>   |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| Yes   | 3,736                        | 887          | 994              | (17.7)               | (66.5)                | (80.8)                | 1,820                                       | 1,368            | 2,429            | (43.2)               | (32.4)                | (57.1)                | 3,127                               | 991          | 1,499            | (26.7)               | (55.7)                | (75.9)                |
| No  | 838                          | 252          | 269              | (19.8)               | (61.7)                | (76.9)                | 422   | 334              | 603              | (44.4)               | (31.1)                | (55.8)                | 434                                 | 193          | 732              | (53.9)               | (31.9)                | (69.2)                |
| <b>Total</b>  | <b>4,574</b>                 | <b>1,139</b> | <b>1,263</b>     | <b>(18.1)</b>        | <b>(65.6)</b>         | <b>(80.1)</b>         | <b>2,242</b>                                | <b>1,702</b>     | <b>3,032</b>     | <b>(43.5)</b>        | <b>(32.1)</b>         | <b>(56.8)</b>         | <b>3,561</b>                        | <b>1,184</b> | <b>2,231</b>     | <b>(32.0)</b>        | <b>(51.0)</b>         | <b>(75.0)</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 12. 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) from 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012.**

| Demographic characteristics         | HIV testing events |                    |                  | Linkage to HIV medical care within any timeframe |            |                  |                      |                       |                       | Linkage to HIV medical care in 90 days <sup>a</sup> |            |                  |                      |                       |                       |
|-------------------------------------|--------------------|--------------------|------------------|--|------------|------------------|----------------------|-----------------------|-----------------------|---|------------|------------------|----------------------|-----------------------|-----------------------|
|                                     | 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                                 | 199                | 6                  | (3.0)            | 3  | 1          | 2                | (33.3)               | (50.0)                | (75.0)                | 3   | 1          | 2                | (33.3)               | (50.0)                | (75.0)                |
| 13–19                               | 13,704             | 300                | (2.2)            | 177  | 61         | 62               | (20.7)               | (59.0)                | (74.4)                | 142   | 28         | 130              | (43.3)               | (47.3)                | (83.5)                |
| 20–29                               | 106,668            | 3,885              | (3.6)            | 2,195  | 870        | 820              | (21.1)               | (56.5)                | (71.6)                | 1,635   | 347        | 1,903            | (49.0)               | (42.1)                | (82.5)                |
| 30–39                               | 55,015             | 1,783              | (3.2)            | 1,095  | 377        | 311              | (17.4)               | (61.4)                | (74.4)                | 829   | 120        | 834              | (46.8)               | (46.5)                | (87.4)                |
| 40–49                               | 36,876             | 1,028              | (2.8)            | 604  | 222        | 202              | (19.6)               | (58.8)                | (73.1)                | 507   | 61         | 460              | (44.7)               | (49.3)                | (89.3)                |
| 50+                                 | 27,361             | 469                | (1.7)            | 273  | 106        | 90               | (19.2)               | (58.2)                | (72.0)                | 212   | 37         | 220              | (46.9)               | (45.2)                | (85.1)                |
| Missing/invalid                     | 1,340              | 10                 | (0.7)            | 4  | 3          | 3                | (30.0)               | (40.0)                | (57.1)                | 2   | 1          | 7                | (70.0)               | (20.0)                | (66.7)                |
| <b>Race/ethnicity</b>               |                    |                    |                  |  |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| White                               | 108,246            | 1,986              | (1.8)            | 1,185  | 423        | 378              | (19.0)               | (59.7)                | (73.7)                | 934   | 120        | 932              | (46.9)               | (47.0)                | (88.6)                |
| Black or African American           | 55,979             | 3,206              | (5.7)            | 1,681  | 755        | 770              | (24.0)               | (52.4)                | (69.0)                | 1,286   | 306        | 1,614            | (50.3)               | (40.1)                | (80.8)                |
| Hispanic or Latino                  | 54,110             | 1,817              | (3.4)            | 1,219  | 347        | 251              | (13.8)               | (67.1)                | (77.8)                | 932   | 112        | 773              | (42.5)               | (51.3)                | (89.3)                |
| Asian                               | 9,763              | 145                | (1.5)            | 85   | 31         | 29               | (20.0)               | (58.6)                | (73.3)                | 66  | 14         | 65               | (44.8)               | (45.5)                | (82.5)                |
| American Indian or Alaska Native    | 1,340              | 48                 | (3.6)            | 22   | 16         | 10               | (20.8)               | (45.8)                | (57.9)                | 14  | 7          | 27               | (56.3)               | (29.2)                | (66.7)                |
| Native Hawaiian or Pacific Islander | 1,247              | 29                 | (2.3)            | 17   | 7          | 5                | (17.2)               | (58.6)                | (70.8)                | 13  | 2          | 14               | (48.3)               | (44.8)                | (86.7)                |
| Multi-race                          | 3,976              | 92                 | (2.3)            | 59   | 18         | 15               | (16.3)               | (64.1)                | (76.6)                | 47  | 7          | 38               | (41.3)               | (51.1)                | (87.0)                |
| Declined                            | 3,176              | 86                 | (2.7)            | 48   | 33         | 5                | (5.8)                | (55.8)                | (59.3)                | 13  | 25         | 48               | (55.8)               | (15.1)                | (34.2)                |
| Don't know/not asked                | 3,091              | 57                 | (1.8)            | 35   | 10         | 12               | (21.1)               | (61.4)                | (77.8)                | 25  | 2          | 30               | (52.6)               | (43.9)                | (92.6)                |
| Missing/invalid                     | 235                | 15                 | (6.4)            | 0  | 0          | 15               | (100.0)              | (0.0)                 | (0.0)                 | 0   | 0          | 15               | (100.0)              | (0.0)                 | (0.0)                 |
| <b>Region</b>                       |                    |                    |                  |  |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Northeast                           | 37,158             | 1,087              | (2.9)            | 777  | 170        | 140              | (12.9)               | (71.5)                | (82.0)                | 586   | 102        | 399              | (36.7)               | (53.9)                | (85.2)                |
| Midwest                             | 36,005             | 932                | (2.6)            | 487  | 174        | 271              | (29.1)               | (52.3)                | (73.7)                | 401   | 104        | 427              | (45.8)               | (43.0)                | (79.4)                |
| South                               | 93,650             | 3,777              | (4.0)            | 1,931  | 946        | 900              | (23.8)               | (51.1)                | (67.1)                | 1,465   | 300        | 2,012            | (53.3)               | (38.8)                | (83.0)                |

| Demographic characteristics                                   | HIV testing events |                    |                  | Linkage to HIV medical care within any timeframe |              |                  |                      |                       |                       | Linkage to HIV medical care in 90 days <sup>a</sup> |            |                  |                      |                       |                       |
|---|--------------------|--------------------|------------------|--|--------------|------------------|----------------------|-----------------------|-----------------------|---|------------|------------------|----------------------|-----------------------|-----------------------|
|   | 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 %) |
| West  | 70,632             | 1,459              | (2.1)            | 969  | 317          | 173              | (11.9)               | (66.4)                | (75.3)                | 694   | 83         | 682              | (46.7)               | (47.6)                | (89.3)                |
| U.S. dependent areas  | 3,718              | 226                | (6.1)            | 187  | 33           | 6                | (2.7)                | (82.7)                | (85.0)                | 184   | 6          | 36               | (15.9)               | (81.4)                | (96.8)                |
| <b>Testing site type</b>                                      |                    |                    |                  |  |              |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Health care facilities includes correctional facility clinics | 94,422             | 3,657              | (3.9)            | 2,236  | 727          | 694              | (19.0)               | (61.1)                | (75.5)                | 1,732   | 351        | 1,574            | (43.0)               | (47.4)                | (83.1)                |
| Non-health care facilities                                    | 146,693            | 3,823              | (2.6)            | 2,114  | 913          | 796              | (20.8)               | (55.3)                | (69.8)                | 1,597   | 244        | 1,982            | (51.8)               | (41.8)                | (86.7)                |
| Missing/invalid   | 48                 | 1                  | (2.1)            | 1  | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 1   | 0          | 0                | (0.0)                | (100.0)               | (100.0)               |
| <b>Rapid test used in testing event</b>                       |                    |                    |                  |  |              |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Yes   | 203,517            | 5,893              | (2.9)            | 3,520  | 1,330        | 1,043            | (17.7)               | (59.7)                | (72.6)                | 2,637   | 492        | 2,764            | (46.9)               | (44.7)                | (84.3)                |
| No  | 37,624             | 1,587              | (4.2)            | 831  | 310          | 446              | (28.1)               | (52.4)                | (72.8)                | 693   | 103        | 791              | (49.8)               | (43.7)                | (87.1)                |
| Missing/invalid   | 22                 | 1                  | (4.5)            | 0  | 0            | 1                | (100.0)              | (0.0)                 | (0.0)                 | 0   | 0          | 1                | (100.0)              | (0.0)                 | (0.0)                 |
| <b>Total</b>  | <b>241,163</b>     | <b>7,481</b>       | <b>(3.1)</b>     | <b>4,351</b>                                     | <b>1,640</b> | <b>1,490</b>     | <b>(19.9)</b>        | <b>(58.2)</b>         | <b>(72.6)</b>         | <b>3,330</b>  | <b>595</b> | <b>3,556</b>     | <b>(47.5)</b>        | <b>(44.5)</b>         | <b>(84.8)</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 12.3% of newly identified HIV-positive MSM in 2012 were reported using the previous version of the testing form. Therefore, these data are represented as missing/invalid data.

**Table 13. HIV testing and care continuum, including partner and HIV prevention services, by demographic characteristics of newly identified HIV-positive MSM from 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012.**

| Demographic characteristics         | Referred to partner services |              |                  |                      |                       |                       | Interview for partner services <sup>a</sup> |                  |                  |                      |                       |                       | Referred to HIV prevention services |              |                  |                      |                       |                       |
|-------------------------------------|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|------------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|
|                                     | Referred                     | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Inter-viewed                                | Not inter-viewed | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Referred                            | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) |
| <b>Age at test (years)</b>          |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| <13                                 | 3                            | 2            | 1                | (16.7)               | (50.0)                | (60.0)                | 2   | 2                | 2                | (33.3)               | (33.3)                | (50.0)                | 2                                   | 2            | 2                | (33.3)               | (33.3)                | (50.0)                |
| 13–19                               | 244                          | 37           | 19               | (6.3)                | (81.3)                | (86.8)                | 149   | 52               | 99               | (33.0)               | (49.7)                | (74.1)                | 196                                 | 50           | 54               | (18.0)               | (65.3)                | (79.7)                |
| 20–29                               | 3,031                        | 487          | 367              | (9.4)                | (78.0)                | (86.2)                | 1,653                                       | 742              | 1,490            | (38.4)               | (42.5)                | (69.0)                | 2,447                               | 631          | 807              | (20.8)               | (63.0)                | (79.5)                |
| 30–39                               | 1,368                        | 244          | 171              | (9.6)                | (76.7)                | (84.9)                | 730   | 397              | 656              | (36.8)               | (40.9)                | (64.8)                | 1,135                               | 346          | 302              | (16.9)               | (63.7)                | (76.6)                |
| 40–49                               | 807                          | 107          | 114              | (11.1)               | (78.5)                | (88.3)                | 401   | 213              | 414              | (40.3)               | (39.0)                | (65.3)                | 650                                 | 172          | 206              | (20.0)               | (63.2)                | (79.1)                |
| 50+                                 | 351                          | 66           | 52               | (11.1)               | (74.8)                | (84.2)                | 184   | 117              | 168              | (35.8)               | (39.2)                | (61.1)                | 305                                 | 90           | 74               | (15.8)               | (65.0)                | (77.2)                |
| Missing/invalid                     | 7                            | 2            | 1                | (10.0)               | (70.0)                | (77.8)                | 5   | 2                | 3                | (30.0)               | (50.0)                | (71.4)                | 6                                   | 2            | 2                | (20.0)               | (60.0)                | (75.0)                |
| <b>Race/ethnicity</b>               |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| White                               | 1,587                        | 219          | 180              | (9.1)                | (79.9)                | (87.9)                | 875   | 398              | 713              | (35.9)               | (44.1)                | (68.7)                | 1,346                               | 364          | 276              | (13.9)               | (67.8)                | (78.7)                |
| Black or African American           | 2,441                        | 444          | 321              | (10.0)               | (76.1)                | (84.6)                | 1,276                                       | 628              | 1,302            | (40.6)               | (39.8)                | (67.0)                | 1,951                               | 519          | 736              | (23.0)               | (60.9)                | (79.0)                |
| Hispanic or Latino                  | 1,436                        | 207          | 174              | (9.6)                | (79.0)                | (87.4)                | 833   | 380              | 604              | (33.2)               | (45.8)                | (68.7)                | 1,188                               | 338          | 291              | (16.0)               | (65.4)                | (77.9)                |
| Asian                               | 110                          | 20           | 15               | (10.3)               | (75.9)                | (84.6)                | 35  | 42               | 68               | (46.9)               | (24.1)                | (45.5)                | 95                                  | 26           | 24               | (16.6)               | (65.5)                | (78.5)                |
| American Indian or Alaska Native    | 38                           | 7            | 3                | (6.3)                | (79.2)                | (84.4)                | 20  | 10               | 18               | (37.5)               | (41.7)                | (66.7)                | 28                                  | 11           | 9                | (18.8)               | (58.3)                | (71.8)                |
| Native Hawaiian or Pacific Islander | 23                           | 2            | 4                | (13.8)               | (79.3)                | (92.0)                | 11  | 3                | 15               | (51.7)               | (37.9)                | (78.6)                | 21                                  | 5            | 3                | (10.3)               | (72.4)                | (80.8)                |
| Multi-race                          | 78                           | 8            | 6                | (6.5)                | (84.8)                | (90.7)                | 51  | 16               | 25               | (27.2)               | (55.4)                | (76.1)                | 55                                  | 20           | 17               | (18.5)               | (59.8)                | (73.3)                |
| Declined                            | 51                           | 24           | 11               | (12.8)               | (59.3)                | (68.0)                | 8   | 29               | 49               | (57.0)               | (9.3)                 | (21.6)                | 23                                  | 2            | 61               | (70.9)               | (26.7)                | (92.0)                |
| Don't know/not asked                | 32                           | 14           | 11               | (19.3)               | (56.1)                | (69.6)                | 15  | 19               | 23               | (40.4)               | (26.3)                | (44.1)                | 33                                  | 8            | 16               | (28.1)               | (57.9)                | (80.5)                |
| Missing/invalid                     | 15                           | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 0   | 0                | 15               | (100.0)              | (0.0)                 | (0.0)                 | 1                                   | 0            | 14               | (93.3)               | (6.7)                 | (100.0)               |
| <b>Region</b>                       |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| Northeast                           | 721                          | 275          | 91               | (8.4)                | (66.3)                | (72.4)                | 207   | 341              | 539              | (49.6)               | (19.0)                | (37.8)                | 682                                 | 219          | 186              | (17.1)               | (62.7)                | (75.7)                |
| Midwest                             | 771                          | 77           | 84               | (9.0)                | (82.7)                | (90.9)                | 464   | 114              | 354              | (38.0)               | (49.8)                | (80.3)                | 703                                 | 108          | 121              | (13.0)               | (75.4)                | (86.7)                |
| South                               | 2,947                        | 429          | 401              | (10.6)               | (78.0)                | (87.3)                | 1,806                                       | 721              | 1,250            | (33.1)               | (47.8)                | (71.5)                | 2,228                               | 622          | 927              | (24.5)               | (59.0)                | (78.2)                |



| Demographic characteristics                                   | Referred to partner services |              |                  |                      |                       |                       | Interview for partner services <sup>a</sup> |                  |                  |                      |                       |                       | Referred to HIV prevention services |              |                  |                      |                       |                       |
|---|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|------------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|
|   | Referred                     | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Inter-viewed                                | Not inter-viewed | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Referred                            | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) |
| West  | 1,180                        | 131          | 148              | (10.1)               | (80.9)                | (90.0)                | 460   | 314              | 685              | (46.9)               | (31.5)                | (59.4)                | 954                                 | 293          | 212              | (14.5)               | (65.4)                | (76.5)                |
| U.S. dependent areas  | 192                          | 33           | 1                | (0.4)                | (85.0)                | (85.3)                | 187   | 35               | 4                | (1.8)                | (82.7)                | (84.2)                | 174                                 | 51           | 1                | (0.4)                | (77.0)                | (77.3)                |
| <b>Testing site type</b>                                      |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| Health care facilities includes correctional facility clinics | 2,947                        | 413          | 297              | (8.1)                | (80.6)                | (87.7)                | 1,724                                       | 666              | 1,267            | (34.6)               | (47.1)                | (72.1)                | 2,407                               | 638          | 612              | (16.7)               | (65.8)                | (79.0)                |
| Non-health care facilities                                    | 2,864                        | 531          | 428              | (11.2)               | (74.9)                | (84.4)                | 1,400                                       | 858              | 1,565            | (40.9)               | (36.6)                | (62.0)                | 2,334                               | 654          | 835              | (21.8)               | (61.1)                | (78.1)                |
| Missing/invalid   | 0                            | 1            | 0                | (0.0)                | (0.0)                 | (0.0)                 | 0   | 1                | 0                | (0.0)                | (0.0)                 | (0.0)                 | 0                                   | 1            | 0                | (0.0)                | (0.0)                 | (0.0)                 |
| <b>Rapid test used in testing event</b>                       |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| Yes   | 4,546                        | 785          | 562              | (9.5)                | (77.1)                | (85.3)                | 2,387                                       | 1,259            | 2,247            | (38.1)               | (40.5)                | (65.5)                | 3,851                               | 1,045        | 997              | (16.9)               | (65.3)                | (78.7)                |
| No  | 1,264                        | 160          | 163              | (10.3)               | (79.6)                | (88.8)                | 737   | 266              | 584              | (36.8)               | (46.4)                | (73.5)                | 890                                 | 248          | 449              | (28.3)               | (56.1)                | (78.2)                |
| Missing/invalid   | 1                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 0   | 0                | 1                | (100.0)              | (0.0)                 | (0.0)                 | 0                                   | 0            | 1                | (100.0)              | (0.0)                 | (0.0)                 |
| <b>Total</b>  | <b>5,811</b>                 | <b>945</b>   | <b>725</b>       | <b>(9.7)</b>         | <b>(77.7)</b>         | <b>(86.0)</b>         | <b>3,124</b>                                | <b>1,525</b>     | <b>2,832</b>     | <b>(37.9)</b>        | <b>(41.8)</b>         | <b>(67.2)</b>         | <b>4,741</b>                        | <b>1,293</b> | <b>1,447</b>     | <b>(19.3)</b>        | <b>(63.4)</b>         | <b>(78.6)</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 14. HIV testing and care continuum, including HIV positivity and linkage to care, by demographic characteristics of newly identified HIV-positive heterosexual females from 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012.**

| Demographic characteristics         | HIV testing events |                    |                  | Linkage to HIV medical care within any timeframe |            |                  |                      |                       |                       | Linkage to HIV medical care in 90 days <sup>a</sup> |            |                  |                      |                       |                       |
|-------------------------------------|--------------------|--------------------|------------------|--|------------|------------------|----------------------|-----------------------|-----------------------|---|------------|------------------|----------------------|-----------------------|-----------------------|
|                                     | 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                                 | 642                | 3                  | (0.5)            | 1  | 1          | 1                | (33.3)               | (33.3)                | (50.0)                | 0   | 0          | 3                | (100.0)              | (0.0)                 | (0.0)                 |
| 13–19                               | 109,158            | 93                 | (0.1)            | 41   | 21         | 31               | (33.3)               | (44.1)                | (66.1)                | 34  | 7          | 52               | (55.9)               | (36.6)                | (82.9)                |
| 20–29                               | 414,545            | 586                | (0.1)            | 294  | 126        | 166              | (28.3)               | (50.2)                | (70.0)                | 218   | 48         | 320              | (54.6)               | (37.2)                | (82.0)                |
| 30–39                               | 194,886            | 545                | (0.3)            | 291  | 120        | 134              | (24.6)               | (53.4)                | (70.8)                | 221   | 45         | 279              | (51.2)               | (40.6)                | (83.1)                |
| 40–49                               | 98,204             | 583                | (0.6)            | 312  | 138        | 133              | (22.8)               | (53.5)                | (69.3)                | 239   | 64         | 280              | (48.0)               | (41.0)                | (78.9)                |
| 50+                                 | 56,103             | 379                | (0.7)            | 226  | 87         | 66               | (17.4)               | (59.6)                | (72.2)                | 185   | 38         | 156              | (41.2)               | (48.8)                | (83.0)                |
| Missing/invalid                     | 3,899              | 13                 | (0.3)            | 7  | 2          | 4                | (30.8)               | (53.8)                | (77.8)                | 7   | 1          | 5                | (38.5)               | (53.8)                | (87.5)                |
| <b>Race/ethnicity</b>               |                    |                    |                  |  |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| White                               | 246,638            | 265                | (0.1)            | 120  | 69         | 76               | (28.7)               | (45.3)                | (63.5)                | 97  | 25         | 143              | (54.0)               | (36.6)                | (79.5)                |
| Black or African American           | 408,328            | 1,508              | (0.4)            | 771  | 340        | 397              | (26.3)               | (51.1)                | (69.4)                | 580   | 139        | 789              | (52.3)               | (38.5)                | (80.7)                |
| Hispanic or Latino                  | 170,646            | 331                | (0.2)            | 229  | 59         | 43               | (13.0)               | (69.2)                | (79.5)                | 202   | 25         | 104              | (31.4)               | (61.0)                | (89.0)                |
| Asian                               | 11,476             | 10                 | (0.1)            | 7  | 3          | 0                | (0.0)                | (70.0)                | (70.0)                | 6   | 0          | 4                | (40.0)               | (60.0)                | (100.0)               |
| American Indian or Alaska Native    | 5,140              | 5                  | (0.1)            | 1  | 3          | 1                | (20.0)               | (20.0)                | (25.0)                | 1   | 1          | 3                | (60.0)               | (20.0)                | (50.0)                |
| Native Hawaiian or Pacific Islander | 1,650              | 1                  | (0.1)            | 1  | 0          | 0                | (0.0)                | (100.0)               | (100.0)               | 1   | 0          | 0                | (0.0)                | (100.0)               | (100.0)               |
| Multi-race                          | 7,333              | 15                 | (0.2)            | 8  | 6          | 1                | (6.7)                | (53.3)                | (57.1)                | 7   | 4          | 4                | (26.7)               | (46.7)                | (63.6)                |
| Declined                            | 14,180             | 30                 | (0.2)            | 22   | 7          | 1                | (3.3)                | (73.3)                | (75.9)                | 2   | 7          | 21               | (70.0)               | (6.7)                 | (22.2)                |
| Don't know/not asked                | 8,096              | 29                 | (0.4)            | 13   | 8          | 8                | (27.6)               | (44.8)                | (61.9)                | 8   | 2          | 19               | (65.5)               | (27.6)                | (80.0)                |
| Missing/invalid                     | 3,950              | 8                  | (0.2)            | 0  | 0          | 8                | (100.0)              | (0.0)                 | (0.0)                 | 0   | 0          | 8                | (100.0)              | (0.0)                 | (0.0)                 |
| <b>Region</b>                       |                    |                    |                  |  |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Northeast                           | 105,214            | 366                | (0.3)            | 222  | 94         | 50               | (13.7)               | (60.7)                | (70.3)                | 174   | 50         | 142              | (38.8)               | (47.5)                | (77.7)                |
| Midwest                             | 70,571             | 145                | (0.2)            | 67   | 28         | 50               | (34.5)               | (46.2)                | (70.5)                | 55  | 16         | 74               | (51.0)               | (37.9)                | (77.5)                |
| South                               | 636,619            | 1,462              | (0.2)            | 712  | 343        | 407              | (27.8)               | (48.7)                | (67.5)                | 530   | 128        | 804              | (55.0)               | (36.3)                | (80.5)                |

| Demographic characteristics                                    | HIV testing events |                    |                  | Linkage to HIV medical care within any timeframe |            |                  |                      |                       |                       | Linkage to HIV medical care in 90 days <sup>a</sup> |            |                  |                      |                       |                       |
|--|--------------------|--------------------|------------------|--|------------|------------------|----------------------|-----------------------|-----------------------|---|------------|------------------|----------------------|-----------------------|-----------------------|
|  | 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 %) |
| West   | 51,218             | 121                | (0.2)            | 79   | 22         | 20               | (16.5)               | (65.3)                | (78.2)                | 53  | 6          | 62               | (51.2)               | (43.8)                | (89.8)                |
| U.S. dependent areas   | 13,815             | 108                | (0.8)            | 92   | 8          | 8                | (7.4)                | (85.2)                | (92.0)                | 92  | 3          | 13               | (12.0)               | (85.2)                | (96.8)                |
| <b>Testing site type</b>                                       |                    |                    |                  |  |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Health care facilities including correctional facility clinics | 648,818            | 1,458              | (0.2)            | 809  | 286        | 363              | (24.9)               | (55.5)                | (73.9)                | 644   | 134        | 680              | (46.6)               | (44.2)                | (82.8)                |
| Non-health care facilities                                     | 228,295            | 741                | (0.3)            | 363  | 208        | 170              | (22.9)               | (49.0)                | (63.6)                | 260   | 69         | 412              | (55.6)               | (35.1)                | (79.0)                |
| Other facilities   | 1                  | 0                  | (0.0)            | 0  | 0          | 0                | (0.0)                | (0.0)                 | (0.0)                 | 0   | 0          | 0                | (0.0)                | (0.0)                 | (0.0)                 |
| Missing/invalid  | 323                | 3                  | (0.9)            | 0  | 1          | 2                | (66.7)               | (0.0)                 | (0.0)                 | 0   | 0          | 3                | (100.0)              | (0.0)                 | (0.0)                 |
| <b>Rapid test used in testing event</b>                        |                    |                    |                  |  |            |                  |                      |                       |                       |   |            |                  |                      |                       |                       |
| Yes  | 416,818            | 1,488              | (0.4)            | 817  | 361        | 310              | (20.8)               | (54.9)                | (69.4)                | 600   | 153        | 735              | (49.4)               | (40.3)                | (79.7)                |
| No   | 460,401            | 714                | (0.2)            | 355  | 134        | 225              | (31.5)               | (49.7)                | (72.6)                | 304   | 50         | 360              | (50.4)               | (42.6)                | (85.9)                |
| Missing/invalid  | 218                | 0                  | (0.0)            | 0  | 0          | 0                | (0.0)                | (0.0)                 | (0.0)                 | 0   | 0          | 0                | (0.0)                | (0.0)                 | (0.0)                 |
| <b>Total</b>   | <b>877,437</b>     | <b>2,202</b>       | <b>(0.3)</b>     | <b>1,172</b>                                     | <b>495</b> | <b>535</b>       | <b>(24.3)</b>        | <b>(53.2)</b>         | <b>(70.3)</b>         | <b>904</b>  | <b>203</b> | <b>1,095</b>     | <b>(49.7)</b>        | <b>(41.1)</b>         | <b>(81.7)</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 19.7% of newly identified HIV-positive heterosexual females in 2012 were reported using the previous version of the testing form. Therefore, these data are represented as missing/invalid data.

**Table 15. HIV testing and care continuum, including partner and HIV prevention services, by demographic characteristics of newly identified HIV-positive heterosexual females from 59 health department jurisdictions providing test-level data in the United States, Puerto Rico, and the U.S. Virgin Islands, 2012.**

| Demographic characteristics         | Referred to partner services |              |                  |                      |                       |                       | Interview for partner services <sup>a</sup> |                  |                  |                      |                       |                       | Referred to HIV prevention services |              |                  |                      |                       |                       |
|-------------------------------------|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|------------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|
|                                     | Referred                     | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Inter-viewed                                | Not inter-viewed | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Referred                            | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) |
| <b>Age at test (years)</b>          |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| <13                                 | 1                            | 2            | 0                | (0.0)                | (33.3)                | (33.3)                | 1   | 2                | 0                | (0.0)                | (33.3)                | (33.3)                | 1                                   | 2            | 0                | (0.0)                | (33.3)                | (33.3)                |
| 13–19                               | 67                           | 11           | 15               | (16.1)               | (72.0)                | (85.9)                | 32  | 21               | 40               | (43.0)               | (34.4)                | (60.4)                | 51                                  | 8            | 34               | (36.6)               | (54.8)                | (86.4)                |
| 20–29                               | 438                          | 67           | 81               | (13.8)               | (74.7)                | (86.7)                | 222   | 116              | 248              | (42.3)               | (37.9)                | (65.7)                | 301                                 | 97           | 188              | (32.1)               | (51.4)                | (75.6)                |
| 30–39                               | 395                          | 72           | 78               | (14.3)               | (72.5)                | (84.6)                | 220   | 112              | 213              | (39.1)               | (40.4)                | (66.3)                | 297                                 | 92           | 156              | (28.6)               | (54.5)                | (76.3)                |
| 40–49                               | 396                          | 115          | 72               | (12.3)               | (67.9)                | (77.5)                | 229   | 153              | 201              | (34.5)               | (39.3)                | (59.9)                | 320                                 | 99           | 164              | (28.1)               | (54.9)                | (76.4)                |
| 50+                                 | 267                          | 73           | 39               | (10.3)               | (70.4)                | (78.5)                | 162   | 101              | 116              | (30.6)               | (42.7)                | (61.6)                | 222                                 | 72           | 85               | (22.4)               | (58.6)                | (75.5)                |
| Missing/invalid                     | 11                           | 1            | 1                | (7.7)                | (84.6)                | (91.7)                | 6   | 3                | 4                | (30.8)               | (46.2)                | (66.7)                | 9                                   | 0            | 4                | (30.8)               | (69.2)                | (100.0)               |
| <b>Race/ethnicity</b>               |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| White                               | 196                          | 40           | 29               | (10.9)               | (74.0)                | (83.1)                | 99  | 60               | 106              | (40.0)               | (37.4)                | (62.3)                | 134                                 | 49           | 82               | (30.9)               | (50.6)                | (73.2)                |
| Black or African American           | 1,060                        | 230          | 218              | (14.5)               | (70.3)                | (82.2)                | 570   | 343              | 595              | (39.5)               | (37.8)                | (62.4)                | 824                                 | 235          | 449              | (29.8)               | (54.6)                | (77.8)                |
| Hispanic or Latino                  | 248                          | 51           | 32               | (9.7)                | (74.9)                | (82.9)                | 180   | 80               | 71               | (21.5)               | (54.4)                | (69.2)                | 211                                 | 69           | 51               | (15.4)               | (63.7)                | (75.4)                |
| Asian                               | 9                            | 1            | 0                | (0.0)                | (90.0)                | (90.0)                | 3   | 4                | 3                | (30.0)               | (30.0)                | (42.9)                | 7                                   | 3            | 0                | (0.0)                | (70.0)                | (70.0)                |
| American Indian or Alaska Native    | 2                            | 3            | 0                | (0.0)                | (40.0)                | (40.0)                | 0   | 4                | 1                | (20.0)               | (0.0)                 | (0.0)                 | 2                                   | 0            | 3                | (60.0)               | (40.0)                | (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)                 | 0                                   | 1            | 0                | (0.0)                | (0.0)                 | (0.0)                 |
| Multi-race                          | 14                           | 1            | 0                | (0.0)                | (93.3)                | (93.3)                | 10  | 2                | 3                | (20.0)               | (66.7)                | (83.3)                | 9                                   | 6            | 0                | (0.0)                | (60.0)                | (60.0)                |
| Declined                            | 20                           | 8            | 2                | (6.7)                | (66.7)                | (71.4)                | 2   | 8                | 20               | (66.7)               | (6.7)                 | (20.0)                | 3                                   | 1            | 26               | (86.7)               | (10.0)                | (75.0)                |
| Don't know/not asked                | 17                           | 7            | 5                | (17.2)               | (58.6)                | (70.8)                | 8   | 7                | 14               | (48.3)               | (27.6)                | (53.3)                | 11                                  | 6            | 12               | (41.4)               | (37.9)                | (64.7)                |
| Missing/invalid                     | 8                            | 0            | 0                | (0.0)                | (100.0)               | (100.0)               | 0   | 0                | 8                | (100.0)              | (0.0)                 | (0.0)                 | 0                                   | 0            | 8                | (100.0)              | (0.0)                 | (0.0)                 |
| <b>Region</b>                       |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| Northeast                           | 196                          | 131          | 39               | (10.7)               | (53.6)                | (59.9)                | 51  | 152              | 163              | (44.5)               | (13.9)                | (25.1)                | 193                                 | 103          | 70               | (19.1)               | (52.7)                | (65.2)                |
| Midwest                             | 103                          | 18           | 24               | (16.6)               | (71.0)                | (85.1)                | 49  | 23               | 73               | (50.3)               | (33.8)                | (68.1)                | 82                                  | 28           | 35               | (24.1)               | (56.6)                | (74.5)                |

| Demographic characteristics                                   | Referred to partner services |              |                  |                      |                       |                       | Interview for partner services <sup>a</sup> |                  |                  |                      |                       |                       | Referred to HIV prevention services |              |                  |                      |                       |                       |
|---|------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|---|------------------|------------------|----------------------|-----------------------|-----------------------|-------------------------------------|--------------|------------------|----------------------|-----------------------|-----------------------|
|   | Referred                     | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Inter-viewed                                | Not inter-viewed | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) | Referred                            | Not referred | Missing /invalid | (Missing /invalid %) | (Minimum indicator %) | (Maximum indicator %) |
| South   | 1,087                        | 173          | 202              | (13.8)               | (74.4)                | (86.3)                | 638   | 286              | 538              | (36.8)               | (43.6)                | (69.0)                | 772                                 | 187          | 503              | (34.4)               | (52.8)                | (80.5)                |
| West  | 86                           | 15           | 20               | (16.5)               | (71.1)                | (85.1)                | 36  | 41               | 44               | (36.4)               | (29.8)                | (46.8)                | 71                                  | 28           | 22               | (18.2)               | (58.7)                | (71.7)                |
| U.S. dependent areas  | 103                          | 4            | 1                | (0.9)                | (95.4)                | (96.3)                | 98  | 6                | 4                | (3.7)                | (90.7)                | (94.2)                | 83                                  | 24           | 1                | (0.9)                | (76.9)                | (77.6)                |
| <b>Testing site type</b>                                      |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| Health care facilities includes correctional facility clinics | 1,082                        | 191          | 185              | (12.7)               | (74.2)                | (85.0)                | 602   | 282              | 574              | (39.4)               | (41.3)                | (68.1)                | 843                                 | 230          | 385              | (26.4)               | (57.8)                | (78.6)                |
| Non-health care facilities                                    | 491                          | 149          | 101              | (13.6)               | (66.3)                | (76.7)                | 270   | 225              | 246              | (33.2)               | (36.4)                | (54.5)                | 358                                 | 139          | 244              | (32.9)               | (48.3)                | (72.0)                |
| Missing/invalid   | 2                            | 1            | 0                | (0.0)                | (66.7)                | (66.7)                | 0   | 1                | 2                | (66.7)               | (0.0)                 | (0.0)                 | 0                                   | 1            | 2                | (66.7)               | (0.0)                 | (0.0)                 |
| <b>Rapid test used in testing event</b>                       |                              |              |                  |                      |                       |                       |   |                  |                  |                      |                       |                       |                                     |              |                  |                      |                       |                       |
| Yes   | 1,010                        | 267          | 211              | (14.2)               | (67.9)                | (79.1)                | 556   | 395              | 537              | (36.1)               | (37.4)                | (58.5)                | 835                                 | 290          | 363              | (24.4)               | (56.1)                | (74.2)                |
| No  | 565                          | 74           | 75               | (10.5)               | (79.1)                | (88.4)                | 316   | 113              | 285              | (39.9)               | (44.3)                | (73.7)                | 366                                 | 80           | 268              | (37.5)               | (51.3)                | (82.1)                |
| <b>Total</b>  | <b>1,575</b>                 | <b>341</b>   | <b>286</b>       | <b>(13.0)</b>        | <b>(71.5)</b>         | <b>(82.2)</b>         | <b>872</b>                                  | <b>508</b>       | <b>822</b>       | <b>(37.3)</b>        | <b>(39.6)</b>         | <b>(63.2)</b>         | <b>1,201</b>                        | <b>370</b>   | <b>631</b>       | <b>(28.7)</b>        | <b>(54.5)</b>         | <b>(76.4)</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 16. HIV testing and linkage to HIV medical care indicators in the United States, Puerto Rico, and the U.S. Virgin Islands, 2010-2012.**

| Demographic Characteristics         | 2010               |        |  |        |  | 2011               |        |  |        |  | 2012               |        |  |        |  |
|-------------------------------------|--------------------|--------|--|--------|--|--------------------|--------|--|--------|--|--------------------|--------|--|--------|--|
|                                     | HIV testing events |        | Newly identified HIV-positive testing events |        | Linkage to HIV medical care within any timeframe | HIV testing events |        | Newly identified HIV-positive testing events |        | Linkage to HIV medical care within any timeframe | HIV testing events |        | Newly identified HIV-positive testing events |        | Linkage to HIV medical care within any timeframe |
|                                     | 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                                 | 4,660              | 28     | 0.6  | 9      | (32.1-90.0)                                      | 6,842              | 32     | 0.5  | 13     | (40.6-72.2)                                      | 5,133              | 18     | 0.4  | 6      | (33.3-54.5)                                      |
| 13-19                               | 258,683            | 581    | 0.2  | 181    | (31.2-67.3)                                      | 336,134            | 617    | 0.2  | 206    | (33.4-64.4)                                      | 303,523            | 606    | 0.2  | 288    | (47.5-66.7)                                      |
| 20-29                               | 990,715            | 5,388  | 0.5  | 2,002  | (37.2-70.7)                                      | 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)                                      |
| 30-39                               | 512,563            | 3,466  | 0.7  | 1,303  | (37.6-71.4)                                      | 701,634            | 4,062  | 0.6  | 1,698  | (41.8-72.7)                                      | 725,598            | 4,083  | 0.6  | 2,186  | (53.5-68.9)                                      |
| 40-49                               | 370,074            | 3,093  | 0.8  | 1,040  | (33.6-69.1)                                      | 473,233            | 3,443  | 0.7  | 1,405  | (40.8-70.5)                                      | 463,353            | 3,212  | 0.7  | 1,640  | (51.1-66.8)                                      |
| 50+                                 | 299,982            | 2,163  | 0.7  | 770    | (35.6-71.7)                                      | 400,901            | 2,328  | 0.6  | 904    | (38.8-68.4)                                      | 423,382            | 2,296  | 0.5  | 1,152  | (50.2-63.9)                                      |
| <b>Gender</b>                       |                    |        |  |        |  |                    |        |  |        |  |                    |        |  |        |  |
| Male                                | 1,245,987          | 11,431 | 0.9  | 4,160  | (36.4-70.5)                                      | 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)                                      |
| Female                              | 1,200,352          | 3,197  | 0.3  | 1,111  | (34.8-71.3)                                      | 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)                                      |
| Other specified                     | ...                | ...    | ...  | ...    | ...  | ...                | ...    | ...  | ...    | ...  | 8,740              | 61     | 0.7  | 31     | (50.8-58.5)                                      |
| <b>Race/Ethnicity</b>               |                    |        |  |        |  |                    |        |  |        |  |                    |        |  |        |  |
| White                               | 687,330            | 3,107  | 0.5  | 1,123  | (36.1-69.3)                                      | 892,419            | 3,735  | 0.4  | 1,575  | (42.2-72.0)                                      | 895,814            | 3,523  | 0.4  | 1,851  | (52.5-67.1)                                      |
| Black or African/American           | 1,101,021          | 8,169  | 0.7  | 2,640  | (32.3-67.6)                                      | 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)                                      |
| Hispanic or Latino                  | 520,787            | 2,793  | 0.5  | 1,304  | (46.7-78.3)                                      | 683,241            | 3,427  | 0.5  | 1,761  | (51.4-78.2)                                      | 686,757            | 3,497  | 0.5  | 2,219  | (63.5-76.6)                                      |
| Asian                               | 38,198             | 163    | 0.4  | 67     | (41.1-67.7)                                      | 54,411             | 202    | 0.4  | 105    | (52.0-82.7)                                      | 62,832             | 236    | 0.4  | 133    | (56.4-68.9)                                      |
| American Indian or Alaska Native    | 12,188             | 59     | 0.5  | 13     | (22.0-54.2)                                      | 16,500             | 55     | 0.3  | 16     | (29.1-72.7)                                      | 16,566             | 87     | 0.5  | 33     | (37.9-51.6)                                      |
| Native Hawaiian or Pacific Islander | 5,750              | 40     | 0.7  | 19     | (47.5-73.1)                                      | 8,443              | 42     | 0.5  | 21     | (50.0-77.8)                                      | 8,148              | 41     | 0.5  | 24     | (58.5-75.0)                                      |
| Multi-race                          | 27,371             | 213    | 0.8  | 88     | (41.3-84.6)                                      | 26,423             | 160    | 0.6  | 62     | (38.8-70.5)                                      | 22,413             | 149    | 0.7  | 88     | (59.1-69.8)                                      |

| Demographic Characteristics                                    | 2010               |               |  |              |  | 2011               |               |  |              |  | 2012               |               |  |              |  |
|--|--------------------|---------------|--|--------------|--|--------------------|---------------|--|--------------|--|--------------------|---------------|--|--------------|--|
|  | HIV testing events |               | Newly identified HIV-positive testing events |              | Linkage to HIV medical care within any timeframe | HIV testing events |               | Newly identified HIV-positive testing events |              | Linkage to HIV medical care within any timeframe | HIV testing events |               | Newly identified HIV-positive testing events |              | Linkage to HIV medical care within any timeframe |
|  | No.                | No.           | (%)  | Linked       | Linkage % (Min-Max)                              | No.                | No.           | (%)  | Linked       | Linkage % (Min-Max)                              | No.                | No.           | (%)  | Linked       | Linkage % (Min-Max)                              |
| <b>Testing site type</b>                                       |                    |               |  |              |  |                    |               |  |              |  |                    |               |  |              |  |
| Health care facilities including correctional facility clinics | 1,843,686          | 8,642         | 0.5  | 3,260        | (37.7-71.6)                                      | 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)                                      |
| Non-health care facilities                                     | 574,612            | 5,893         | 1.0  | 1,984        | (33.7-69.2)                                      | 702,880            | 6,678         | 1.0  | 2,831        | (42.4-75.0)                                      | 985,611            | 6,976         | 0.7  | 3,547        | (50.8-66.1)                                      |
| Other facilities   | 33,545             | 189           | 0.6  | 40           | (21.2-55.6)                                      | 130,117            | 529           | 0.4  | 95           | (18.0-60.1)                                      | 2                  | 0             | 0.0  | ...          | ...  |
| <b>Total</b>   | <b>2,459,019</b>   | <b>14,793</b> | <b>0.6</b>                                   | <b>5,314</b> | <b>(35.9-70.6)</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>                               |

Note: Only jurisdictions with test-level data are included in this table. 52 jurisdictions were included in 2010, 55 in 2011, and 59 in 2012.