

# **HIV** Surveillance **Report** | Supplemental Report

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Volume 18, Number 1

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Revised April 2013

## **Diagnosed HIV Infection among Adults and Adolescents in Metropolitan Statistical Areas— United States and Puerto Rico, 2010**

This issue of the *HIV Surveillance Supplemental Report* is published by the Division of HIV/AIDS Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention, Centers for Disease Control and Prevention (CDC), U.S. Department of Health and Human Services, Atlanta, Georgia.

Data are presented for diagnoses of HIV infection reported to CDC through June 30, 2011. All data are provisional.

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### **Confidential information, referrals, and educational material on HIV infection and AIDS**

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Email: <http://www.cdc.gov/cdc-info/requestform.html>

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This revised edition of *HIV Surveillance Supplemental Report, 2013*, volume 18, number 1, “Diagnosed HIV Infection among Adults and Adolescents in Metropolitan Statistical Areas—United States and Puerto Rico, 2010,” includes revised and corrected data for persons living with diagnosed HIV infection at year-end 2009 (i.e., HIV prevalence) and for deaths that occurred by year-end 2009 among persons with diagnosed HIV infection. Errors in the numbers and the estimated numbers and rates are corrected in the Commentary and in Tables 1a/b/c (prevalence data only), 2b, 3b, 4b, 5b, and 10.

## Commentary

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To best direct resources toward communities with the greatest need, health planners often establish priorities by comparing the magnitude and effect of HIV disease amongst geographic areas. CDC has previously reported on higher rates of HIV diagnoses among adults and adolescents (aged 13 years and older) in larger metropolitan areas as compared to smaller metropolitan areas or nonmetropolitan areas.

This surveillance supplemental report complements the 2010 *HIV Surveillance Report* by presenting data on diagnoses of HIV infection during 2010 and persons living with a diagnosis of HIV infection at year-end 2009 (HIV prevalence) for adults and adolescents (aged 13 years and older) residing in metropolitan statistical areas (MSAs; population of 500,000 or more) in the United States and Puerto Rico. Consistent with CDC’s approach of High-Impact HIV Prevention, HIV programs may use this information to target populations and areas at greatest need for HIV prevention and treatment services.

This report presents the unadjusted number, estimated (adjusted) number, and estimated (adjusted) rate (cases diagnosed per 100,000 persons) of diagnoses of HIV infection during 2010 and of persons living with a diagnosis of HIV infection as of December 31, 2009 (HIV prevalence) for adults and adolescents aged 13 years and older residing in MSAs in the United States and Puerto Rico. Most areas have conducted confidential named-based surveillance on diagnoses of HIV infection for a sufficient period of time to allow CDC to adjust for reporting delays (i.e., since at least January 2007). For MSAs or MSAs with part of the MSA within the 5 areas that have not met this criterion (Hawaii, Maryland, Massachusetts,

Vermont, and District of Columbia), estimated numbers or rates are not presented in this report (see Technical Notes). Since data are not presented for all MSAs, ranks are not assigned.

### REPORT FORMAT

Data in this report are presented by MSA of residence at diagnosis for persons diagnosed with HIV infection during 2010 and for persons living with a diagnosis of HIV infection at year-end 2009 (HIV prevalence).

Data tables are organized as follows:

1. Diagnosed HIV Infection among Adults and Adolescents, by MSA (Table 1a) and Sex (Tables 1b/c)
2. Diagnosed HIV Infection among Adults and Adolescents, by MSA, Sex, and Age Group (Tables 2a–3b)
3. Diagnosed HIV Infection among Adults and Adolescents, by MSA, Sex, and Race/Ethnicity (Tables 4a–5b)
4. Diagnosed HIV Infection among Adults and Adolescents, by MSA, Sex, and Transmission Category (Tables 6a–7b)
5. Diagnosed HIV Infection among Adults and Adolescents, by MSA, Race/Ethnicity, and Transmission Category (Tables 8a–9c)
6. Deaths of Adults and Adolescents with Diagnosed HIV Infection, by MSA and Sex (Table 10)

Data were adjusted to account for delays in reporting of diagnoses of HIV infection and deaths of persons diagnosed with HIV infection but not for

incomplete reporting. The multiple imputation procedure was used to assign transmission categories to adults and adolescents with HIV infection that were reported without an identified risk factor (Tables 6a–9c). For more information on this procedure, refer to the Technical Notes.

Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, are considered unreliable and should be interpreted with caution (see Technical Notes). At the end of each table, rows are included to present summary data for all MSAs, smaller metropolitan areas (population 50,000–499,999), and nonmetropolitan areas (population less than 50,000).

Readers are encouraged to read all titles and footnotes carefully to ensure a complete understanding of the data presented in each table.

## HIGHLIGHTS OF ANALYSES

All rates are per 100,000 population and refer to adults and adolescents aged 13 years and older, unless otherwise specified. HIV diagnosis rates are based on the estimated (adjusted) number of diagnoses of HIV infection during 2010. HIV prevalence rates are based on the estimated (adjusted) number of persons living with a diagnosis of HIV infection as of December 31, 2009. With the exception of data on diagnoses or prevalence of HIV infection among American Indians/Alaska Natives and Native Hawaiians/other Pacific Islanders, only stable estimates are discussed in the highlights. Data are summarized but not tabulated for these 2 groups due to small numbers (American Indians/Alaska Natives) or small population denominators (i.e., less than 100; Native Hawaiians/other Pacific Islanders).

### **Diagnosed HIV Infection among Adults and Adolescents in MSAs, Smaller Metropolitan Areas, and Nonmetropolitan Areas**

- For adults and adolescents residing in MSAs in the United States and Puerto Rico, the HIV diagnosis (24.5) and prevalence (415.9) rates are approximately 2 times the diagnosis and prevalence rates of those residing in smaller metropolitan areas (12.4 and 179.7, respectively), and approximately 3 times the diagnosis and prevalence rates of those residing in nonmetropolitan areas (8.1 and 127.9, respectively) (Table 1a).

### **Diagnosed HIV Infection among Adults and Adolescents by MSA and Sex**

- Among adults and adolescents, the HIV diagnosis rate (59.2) and the HIV prevalence rate (1,033.9) was highest in Miami, FL. Also, among adult and adolescent males, the HIV diagnosis rate (93.1) and the HIV prevalence rate (1,476.0) was highest in Miami, FL. Among adult and adolescent females, the HIV diagnosis rate (35.0) was highest in Baton Rouge, LA and the HIV prevalence rate was highest in Miami, FL (620.2) (Tables 1a/b/c).

### **Diagnosed HIV Infection among Adults and Adolescents by MSA, Sex, and Age**

- Among males aged 13–24 years, the HIV diagnosis rate (101.8) was highest in Columbia, SC, and the HIV prevalence rate (300.6) was highest in Memphis, TN-MS-AR. Among males aged 25–34 years, the HIV diagnosis rate (124.4) was highest in Baton Rouge, LA, and the HIV prevalence rate (1,007.7) was highest in Memphis, TN-MS-AR. Among all other age groups for males (i.e., 35–44, 45–54, and 55 years and older), the HIV diagnosis rates (136.0, 126.6, and 36.0, respectively) were highest in Miami, FL. Among males aged 35–44 and 45–54 years, the HIV prevalence rates (2,385.5 and 3,143.3, respectively) were highest in Miami, FL. Among males aged 55 years and older, the HIV prevalence rate (1,110.0) was highest in New York, NY-NJ-PA (Tables 2a/b).
- Among females aged 13–24, 25–34, 35–44, and 45–54 years, HIV diagnosis rates (34.4, 60.2, 58.3, and 38.1, respectively) were highest in Baton Rouge, LA. Among females 55 years and older, the HIV diagnosis rate (12.8) was highest in Durham-Chapel Hill, NC. Among females aged 13–24 and 35–44 years, the HIV prevalence rates (202.2 and 1,117.3, respectively) were highest in Miami, FL. Among females aged 25–34 years, the HIV prevalence rate (940.3) was highest in Baton Rouge, LA. Among females aged 45–54 and 55 years and older, the HIV prevalence rates (1,133.4 and 335.2, respectively) were highest in New York, NY-NJ-PA (Tables 3a/b).

## Diagnosed HIV Infection among Adults and Adolescents by MSA, Sex, and Race/Ethnicity

- Among American Indian/Alaska Native males, the only stable estimated HIV diagnosis rate (i.e., rate based on 12 or more diagnoses of HIV infection) (64.1) was in Phoenix, AZ; the HIV prevalence rate (1,482.4) was highest in San Francisco. Among American Indian/Alaska Native females, all HIV diagnosis rates were unstable (i.e., based on less than 12 diagnoses of HIV infection); the HIV prevalence rate (505.4) was highest in Minneapolis-St. Paul-Bloomington, MN-WI (Tables 4a–5b).
- Among Asian males, the HIV diagnosis rate (38.1) was highest in Las Vegas-Paradise, NV; the HIV prevalence rate (242.8) was highest in San Francisco, CA. Among Asian females, the only stable HIV diagnosis rate (i.e., rate based on 12 or more diagnoses of HIV infection) (2.0) was in New York, NY-NJ-PA; the HIV prevalence rate (43.4) was highest in Portland-Vancouver-Beaverton, OR-WA (Tables 4a–5b).
- Among black/African American males, the HIV diagnosis rate (212.9) and the HIV prevalence rate (3,332.5) were highest in Miami, FL. Among black/African American females, the HIV diagnosis rate (122.4) was highest in Cape Coral-Fort Myers, FL, and the HIV prevalence rate (2,444.2) was highest in Miami, FL. (Tables 4a–5b).
- Among Hispanic/Latino males, the HIV diagnosis rate (89.0) was highest in New York, NY-NJ-PA, and the HIV prevalence rate (2,082.1) was highest in Albany-Schenectady-Troy, NY. Among Hispanic/Latino females, the HIV diagnosis rate (39.3) was highest in Hartford-West Hartford-East Hartford, CT, and the HIV prevalence rate (1,377.0) was highest in Rochester, NY (Tables 4a–5b).
- Among Native Hawaiian/other Pacific Islander males, there were less than 5 diagnoses of HIV infection per MSA in Chattanooga, TN-GA, Chicago, IL-IN-WI, Fresno, CA, Las Vegas-Paradise, NV, New Haven-Milford, CT, New York, NY-NJ-PA, Philadelphia, PA-NJ-DE-MD, Phoenix-Mesa-Scottsdale, AZ, Portland-Vancouver-Beaverton, OR-WA, Raleigh-Cary, NC, San Diego-Carlsbad-San Marcos, CA, San Jose-Sunnyvale-Santa Clara, CA, Seattle, WA, and Washington, DC, between 5 and 10 diagno-

ses of HIV infection per MSA in Honolulu, HI, Los Angeles, CA, and San Francisco, CA, and no diagnoses in the remaining MSAs. The HIV prevalence rate (1,745.7) was highest among Native Hawaiian/other Pacific Islander males in Chicago, IL-IN-WI. Among Native Hawaiian/other Pacific Islander females, there were less than 5 diagnoses of HIV infection per MSA in Atlanta-Sandy Springs, GA, Lakeland, FL, and San Francisco, CA and no diagnoses of HIV infection in the remaining MSAs. There were no stable HIV prevalence rates (i.e., rates based on 12 or more diagnoses of HIV infection).

- Among white males, the HIV diagnosis rate was highest in Miami, FL (58.9) and the HIV prevalence rate was highest in San Francisco, CA (1,439.4). Among white females, the HIV diagnosis rate was highest in Houston-Baytown-Sugar Land, TX (5.4), and the HIV prevalence rate was highest in Miami, FL (141.6) (Tables 4a–5b).

## Diagnosed HIV Infection among Adults and Adolescents by MSA, Sex, and Transmission Category

- Among males, the estimated numbers of HIV diagnoses for all transmission categories were highest in New York, NY-NJ-PA, including males diagnosed with HIV infection attributed to male-to-male sexual contact (3,347), injection drug use (546), male-to-male sexual contact and injection drug use (125), and heterosexual contact (590). Also, the estimated numbers of males living with a diagnosis of HIV infection attributed to male-to-male sexual contact (53,364), injection drug use (24,138), male-to-male sexual contact and injection drug use (4,923), and heterosexual contact (11,443) were highest in New York, NY-NJ-PA. The same applied to females—the estimated numbers of HIV diagnoses and the estimated HIV prevalence for all transmission categories among females, including injection drug use (266 and 15,035, respectively) and heterosexual contact (1,262 and 28,152, respectively) were highest in New York, NY-NJ-PA (Tables 6a–7b).

## Diagnosed HIV Infection among Adults and Adolescents by MSA, Race/Ethnicity, and Transmission Category

- Among black/African American adults and adolescents, the estimated numbers of HIV diagnoses and

persons living with a diagnosis of HIV infection attributed to male-to-male sexual contact (1,231 and 16,890, respectively), injection drug use (451 and 20,305, respectively), male-to-male sexual contact and injection drug use (47 and 1,999, respectively), and heterosexual contact (1,163 and 23,671, respectively) were highest in New York, NY-NJ-PA (Tables 8a, 9a).

- Among Hispanic/Latino adults and adolescents, the estimated numbers of diagnoses of HIV infection attributed to injection drug use (250), male-to-male sexual contact and injection drug use (41), and heterosexual contact (507), and the estimated numbers of persons living with a diagnosis of HIV infection attributed to male-to-male sexual contact (15,492), injection drug use (13,570), male-to-male sexual contact and injection drug use (1,694), and heterosexual contact (11,354) were highest in New York, NY-NJ-PA. The estimated number of Hispanic/Latino adults and adolescents diagnosed with HIV infection attributed to male-to-male sexual contact (1,139) was highest in Los Angeles, CA (Tables 8b, 9b).
- Among white adults and adolescents, the estimated numbers of diagnoses of HIV infection attributed to male-to-male sexual contact (884), injection drug use (90), and heterosexual contact (131), and the estimated numbers of persons living with a diagnosis of HIV infection attributed to male-to-male sexual contact (18,698), injection drug use (4,420), and heterosexual contact (3,335) were highest in New York, NY-NJ-PA. For HIV infection attributed to male-to-male sexual contact and injection drug use, the estimated number of diagnoses among white adults and adolescents (65) and the estimated number of white adults and adolescents living with a diagnosis of HIV infection (1,684) were highest in San Francisco, CA (Tables 8c, 9c).

### **Deaths of Adults and Adolescents with Diagnosed HIV Infection, by MSA and Sex**

- The estimated death rate in 2009 for persons diagnosed with HIV infection was highest in New Orleans-Metairie-Kenner, LA for males (47.9) and in Baton Rouge, LA for females (24.4) (Table 10).

## **SUGGESTED READINGS**

- CDC. AIDS cases, by geographic area of residence and metropolitan statistical area of residence, 2004. *HIV/AIDS Surveillance Supplemental Report* 2006;12(No. 2). [http://www.cdc.gov/hiv/surveillance/resources/reports/2006supp\\_vol12no2/](http://www.cdc.gov/hiv/surveillance/resources/reports/2006supp_vol12no2/). Accessed November 27, 2012.
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## **SURVEILLANCE OF HIV INFECTION**

This report includes data reported to CDC through June 30, 2011, from 52 areas (50 states, the District of Columbia, and Puerto Rico) that had laws or regulations requiring confidential name-based HIV infection reporting for adults and adolescents with a confirmed diagnosis of HIV infection (including stage 3 [AIDS]) as of December 31, 2010. HIV surveillance programs removed personal identifying information prior to submitting these reports to CDC. Although AIDS diagnoses have been reported to CDC since 1981, the implementation of HIV infection reporting has differed from state to state. All states, the District of Columbia, and 6 U.S. dependent areas had implemented such reporting by April 2008. Aside from the summary totals for smaller metropolitan (50,000–499,999 population) and nonmetropolitan areas (less than 50,000) that were provided in the final rows of each table, cases were excluded for persons who were diagnosed or living with HIV infection in MSAs with populations of less than 500,000.

### **Areas with Confidential Name-based HIV Infection Reporting**

As of April 2008, 57 areas (50 states, the District of Columbia, and 6 U.S. dependent areas) had implemented confidential name-based HIV infection reporting. Unadjusted numbers for 103 MSAs and 28 divisions located within any of these areas were included in the tabulations. Also, data from smaller metropolitan and nonmetropolitan areas within any of the 57 areas were included in the summary totals for metropolitan and nonmetropolitan areas.

### **Areas with Mature HIV Infection Reporting Systems**

An area's confidential name-based HIV infection reporting is considered mature after 4 years—long enough for the calculation of reporting-delay estimates and the determination of reliable trends [1]. The data used to estimate diagnoses of HIV infection during 2010 (Tables 1a–1c, 2a, 3a, 4a, 5a, 6a, 7a, 8a–8c), the number of persons living with a diagnosis of HIV infection as of December 31, 2009 (Tables 1a–1c, 2b, 3b, 4b, 5b, 6b, 7b, 9a–9c), and death rates of persons

with a diagnosis of HIV infection (Table 10) were from 96 MSAs and 22 divisions within the United States and Puerto Rico that have had laws or regulations requiring confidential name-based HIV infection reporting since at least January 2007 and have been reporting these data to CDC since at least June 2007. The MSAs and divisions were located in 40 states (Alabama, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Michigan, Minnesota, Mississippi, Missouri, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, Tennessee, Texas, Utah, Virginia, Washington, Wisconsin) and 1 U.S. dependent area (Puerto Rico). Alaska, Montana, North Dakota, South Dakota, West Virginia, and Wyoming do not have MSAs within their borders. Data from MSAs, smaller metropolitan areas, and nonmetropolitan areas located in the 5 areas without mature HIV infection reporting systems (District of Columbia, Hawaii, Maryland, Massachusetts, and Vermont) were excluded from the adjusted data (i.e., estimated numbers and rates).

## **TABULATION AND PRESENTATION OF DATA**

This report presents data for adults and adolescents aged 13 years or older diagnosed with HIV infection during 2010 or living with a diagnosis of HIV infection as of December 31, 2009 (HIV prevalence). Tables include the total number, estimated (adjusted) number, and estimated (adjusted) rate (cases per 100,000 population) of diagnoses of HIV infection in 2010, and the total number, estimated (adjusted) number, and estimated (adjusted) rate of HIV prevalence at year-end 2009 by MSA of residence at diagnosis. Additional totals are provided to represent the total number of diagnoses for persons residing in MSAs (populations of 500,000 or more), in metropolitan areas with populations of 50,000–499,999 or more, and in nonmetropolitan areas (populations of less than 50,000), including diagnoses of HIV infection among persons with an unknown county of residence. As the estimated data cannot be presented for all MSAs (see

Areas with Mature HIV Infection Reporting Systems), ranks are excluded from this report.

Due to concerns regarding small cell sizes and confidentiality of the data, a suppression rule was applied for numerators less than 5 in tables displaying data on race/ethnicity and transmission category (Tables 8a–9c). Also, in accordance with the *Data Re-Release Agreement for HIV Surveillance and Surveillance-Related Data* (issued October 24, 2011) [2], a suppression rule was applied for population denominators less than 100. This pertained to Native Hawaiians/other Pacific Islanders, who had female populations of less than 100 in 21 MSAs and male populations of less than 100 in 22 MSAs. Also, data for American Indians/Alaska Natives and Asians were excluded from tabulations by MSA, race/ethnicity, and transmission category (Tables 8a–9c), as nearly all of the case counts for American Indians/Alaska Natives and Asians in these tables were less than 12 and thus were associated with unstable estimated numbers and rates [2]. Additionally, we excluded data for San Juan-Caguas-Guaynabo, PR from tables displaying diagnoses of HIV infection by age group (2a, 3a) and for all tables displaying race/ethnicity (Tables 4a–5b, 8a–9c). The 2009 post-censal estimates do not include population estimates for Puerto Rico by sex, age, or race/ethnicity, thereby preventing assessment of the suppression rule for these population denominators. However, when reported numbers were at least 100, both reported and estimated numbers were displayed for San Juan-Caguas-Guaynabo, PR.

Since population estimates are not available by transmission category, we used the most similar population to approximate the true population denominator for tables that present the estimated number of persons diagnosed with or living with a diagnosis of HIV infection by transmission category (Tables 6a–9c). For example, the population estimate for male adults and adolescents who resided in a given MSA was used as a proxy for the population of adult and adolescent men who have sex with men residing in the MSA.

The data in this report are provisional. Data are presented by MSA and are organized as follows:

- **Overall and by sex:** Tables 1a–1c present unadjusted and statistically adjusted (estimated) numbers and rates (based on estimated numbers) for persons diagnosed with HIV infection in 2010 and for persons living with a diagnosis of HIV infection

at year-end 2009, overall (Table 1a) and by sex (Tables 1b/c).

- **By age group and sex:** Tables 2a–3b present unadjusted and statistically adjusted (estimated) numbers and rates (based on estimated numbers) for persons diagnosed with HIV infection in 2010 and for persons living with a diagnosis of HIV infection at year-end 2009 by age group (Tables 2a/b) and by sex and age group (Tables 3a/b).
- **By race/ethnicity and sex:** Tables 4a–5b present unadjusted and statistically adjusted (estimated) numbers and rates (based on estimated numbers) for persons diagnosed with HIV infection in 2010 and for persons living with a diagnosis of HIV infection at year-end 2009 by race/ethnicity (Tables 4a/b) and by sex and race/ethnicity (Tables 5a/b).
- **By race/ethnicity and transmission category:** Tables 6a–7b present unadjusted and statistically adjusted (estimated) numbers for persons diagnosed with HIV infection in 2010 and for persons living with a diagnosis of HIV infection at year-end 2009 by transmission category (Tables 6a/b), by sex and transmission category (Tables 7a/b), and by race/ethnicity and transmission category (Tables 8a–9c).
- **Deaths, by sex:** Table 10 presents unadjusted and statistically adjusted (estimated) numbers and rates (based on estimated numbers) for deaths (by December 31, 2009) of persons diagnosed with HIV infection, by sex.

### Diagnoses of HIV Infection

Data in this report were compiled from diagnoses of HIV infection that were reported by the United States and Puerto Rico to CDC through June 30, 2011. All jurisdictions report diagnoses of HIV infection to the CDC based on the guidelines for HIV case surveillance and use the 2008 surveillance case definition for HIV infection [3]. Data on diagnoses of HIV infection should be interpreted with caution. HIV surveillance data may not be representative of all persons infected with HIV because not all infected persons have been tested. In addition, many states offer anonymous HIV testing; the results of anonymous tests are not reported to the confidential name-based HIV infection reporting systems of state and local health departments. Therefore, reports of confidential test results

may not represent all persons who tested positive for HIV infection.

### **Persons Living with a Diagnosis of HIV Infection (HIV Prevalence)**

Prevalence of HIV infection was based on the number of persons living with a diagnosis of HIV infection, regardless of the stage of infection, as of December 31, 2009.

### **Deaths**

Death data include all deaths reported to the CDC's national HIV surveillance system among persons with a diagnosis of HIV infection, regardless of the cause of death. Data are reported for deaths that occurred by December 31, 2009, thereby allowing at least 18 months for deaths to be reported to the CDC (Table 10).

### **Population of Area of Residence**

In the *Federal Register* for December 27, 2000, the Office of Management and Budget (OMB) published revised standards for defining MSAs in federal statistical activities [4]. These standards provide the basis for determining the population of area of residence. The adoption of the revised standards was effective as of December 27, 2000. On December 1, 2009, the OMB announced the latest revisions to MSA definitions based on the Census 2000 data [5]. The OMB defines populations of area of residence as areas with populations of 500,000 or more (MSAs), areas with populations of 50,000–499,999, or areas with populations of less than 50,000 (nonmetropolitan areas). The Boston-Cambridge-Quincy MA-NH MSA includes one division with a population less than 500,000. Therefore, data presented for divisions in this MSA do not sum to the MSA total.

### **Age**

The data presented in this report are for persons aged 13 years and older and are grouped into the following categories: 13–24 years, 25–34 years, 35–44 years, 45–54 years, and 55 years and older. Data presented for diagnoses of HIV infection in 2010 are based on the person's age at the time of diagnosis. Data for persons living with a diagnosis of HIV infection at year-end 2009 are based on the person's age as of December 31, 2009.

## **Race and Ethnicity**

The data presented in this report were collected using the OMB's revised standards for ethnic and racial data, which calls for splitting Asian/Pacific Islander into 2 categories (Asian and Native Hawaiian/other Pacific Islander) and collecting 2 categories of ethnicity (Hispanic or Latino and not Hispanic or Latino) [6]. The Asian category includes cases in Asians/Pacific Islanders that were diagnosed before the implementation of the new ethnic/racial categories in 2003 plus a small proportion of cases in Asians and Native Hawaiians/other Pacific Islanders that were diagnosed after 2003 according to the old racial category (Asian/Pacific Islander).

Ethnicity data were also collected in accordance with the revised OMB standards [6]. Hispanics and Latinos can be of any race (Tables 4a–5b, 8c, 9c).

Tables displaying results for Native Hawaiians/other Pacific Islanders were excluded from this report due to concerns regarding the confidentiality of the data. Also, data for American Indians/Alaska Natives and Asians were excluded from tabulations by MSA, race/ethnicity, and transmission category (see Tabulation and Presentation of Data).

## **Transmission Categories**

Transmission category is the term used to summarize a person's possible HIV risk factors; the summary classification results from selecting, from the presumed hierarchical order of probability, the one risk factor most likely to have been responsible for transmission. For surveillance purposes, a diagnosis of HIV infection is counted only once in the hierarchy of transmission categories. Persons with more than one reported risk factor for HIV infection are classified in the transmission category listed first in the hierarchy. The exception is the category for male-to-male sexual contact and injection drug use; this group makes up a separate transmission category.

Persons whose transmission category is classified as male-to-male sexual contact include men who ever had sexual contact with other men (i.e., homosexual contact) and men who ever had sexual contact with both men and women (i.e., bisexual contact). Persons whose transmission category is classified as heterosexual contact are persons who ever had specific heterosexual contact with a person known to have, or to be at high risk for, HIV infection (e.g., an injection drug user).

Cases in persons with no reported risk factor for HIV infection listed in the hierarchy of transmission categories are classified as “no risk factor reported or identified.” No identified risk factor includes persons whose HIV risk factor information is missing because they died, declined to be interviewed, or were lost to follow-up; and persons who were interviewed or for whom other follow-up information was available but for whom no risk factor was identified.

Because a substantial proportion of persons with diagnosed HIV infection are reported to CDC without an identified risk factor, multiple imputation is used to assign a transmission category [7]. Multiple imputation is a statistical approach in which each missing transmission category is replaced with a set of plausible values that represent the uncertainty about the true, but missing, value [8]. The plausible values are analyzed by using standard procedures, and the results from these analyses are then combined to produce the final results. In the tables displaying transmission categories (Tables 6a–9c), multiple imputation was used.

## ESTIMATION METHODS

Diagnoses of HIV infection in 2010 and prevalence of HIV infection at year-end 2009 were estimated by adjusting data for delays in the reporting of cases and deaths [9]. Estimated numbers and rates were not adjusted for incomplete reporting. Estimated numbers were rounded to zero decimal places and estimated rates to one decimal place.

### Reporting Delays

Reporting delays (time between HIV diagnosis or death and the reporting of diagnosis or death to CDC) may differ among demographic and geographic categories; some reporting delays have been as long as several years. The statistical adjustment of the data on diagnoses, prevalence, and deaths is based on estimates of reporting-delay distributions, which are calculated by using a modified semiparametric life-table statistical procedure. This procedure takes into account differences in reporting delays due to sex, race/ethnicity, and transmission categories; reporting city, state, or territory; geographic region; the size of the MSA; and the type of facility where the diagnosis was made or death occurred [1].

## Rates

Rates per 100,000 population were calculated for the estimated numbers of diagnoses of HIV infection in 2010, persons living with a diagnosis of HIV infection at year-end 2009, and deaths at year-end 2009 of persons diagnosed with HIV infection. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable [2].

At the time this report was developed, complete 2010 census data were not available from the U.S. Census Bureau. Therefore, the population denominators used to calculate rates for areas in the United States and Puerto Rico were based on the official post-census estimates for 2009 from the U.S. Census Bureau [10]. Each rate was calculated by dividing the estimated total number of persons living with a diagnosis of HIV infection for the calendar year by the population for that calendar year and then multiplying that number by 100,000. Rates for transmission categories are not provided because of the absence of denominator data (i.e., the denominator data used in this report come from the U.S. Census Bureau, but the U.S. Census Bureau does not collect data on transmission categories).

The denominators used for calculating age-, sex-, and race/ethnicity-specific rates were computed by applying the 2009 postcensus estimates for age, sex, and race/ethnicity for areas within the 50 states and the District of Columbia [10]. The same method was used to calculate the denominators for Puerto Rico in Table 1a. However, population estimates by sex, age, and race/ethnicity are not available for MSAs in Puerto Rico. For this reason, and because the suppression rule could not be assessed for all population denominators (see Tabulation and Presentation of Data), rates for San Juan-Caguas-Guaynabo, PR were not calculated for the remainder of the tables.

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**Table 1a. Diagnoses of HIV infection, 2010, and persons living with a diagnosis of HIV infection, year-end 2009, adults and adolescents, by metropolitan statistical area of residence—United States and Puerto Rico**

Area of residence	Diagnoses of HIV infection, 2010			Living with HIV infection, year-end 2009		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate
Akron, OH	33	35	6.0	736	713	120.8
Albany–Schenectady–Troy, NY	75	99	13.6	2,001	2,089	285.6
Albuquerque, NM	70	76	10.9	1,185	1,164	165.7
Allentown–Bethlehem–Easton, PA–NJ	63	70	10.3	1,412	1,407	205.0
Atlanta–Sandy Springs–Marietta, GA	1,182	1,641	37.4	22,899	23,147	527.1
Augusta–Richmond County, GA–SC	89	128	29.1	1,982	1,988	451.3
Austin–Round Rock, TX	239	262	19.0	4,215	4,155	301.1
Bakersfield, CA	112	138	22.0	1,633	1,617	258.2
Baltimore–Towson, MD	818	—	—	18,259	—	—
Baton Rouge, LA	312	337	52.1	3,929	3,753	581.4
Birmingham–Hoover, AL	217	238	25.5	3,357	3,311	354.7
Boise City–Nampa, ID	25	27	5.6	401	401	83.0
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	431	—	—	10,614	—	—
Boston Division	224	—	—	6,327	—	—
Cambridge Division	123	—	—	2,747	—	—
Peabody Division	62	—	—	1,265	—	—
Bradenton–Sarasota–Venice, FL	85	92	15.5	1,621	1,592	266.5
Bridgeport–Stamford–Norwalk, CT	107	142	19.2	2,747	2,787	375.3
Buffalo–Niagara Falls, NY	127	169	17.7	2,134	2,254	235.2
Cape Coral–Fort Myers, FL	89	97	19.4	1,568	1,550	310.6
Charleston–North Charleston, SC	123	134	24.6	2,024	1,980	362.4
Charlotte–Gastonia–Concord, NC–SC	408	459	32.6	5,702	5,603	398.6
Chattanooga, TN–GA	55	65	14.8	1,069	1,067	242.9
Chicago, IL–IN–WI	1,205	1,468	18.8	27,826	27,464	351.1
Chicago Division	1,088	1,330	20.3	26,008	25,675	392.7
Gary Division	56	62	10.8	1,072	1,047	181.9
Lake Division	61	76	10.7	746	741	104.5
Cincinnati–Middletown, OH–KY–IN	226	246	13.7	2,992	2,937	164.2
Cleveland–Elyria–Mentor, OH	213	230	13.1	4,336	4,218	240.9
Colorado Springs, CO	35	38	7.5	728	724	142.2
Columbia, SC	209	228	37.0	3,594	3,530	573.6
Columbus, OH	316	340	23.0	4,313	4,236	286.6
Dallas, TX	1,334	1,455	28.5	19,082	18,732	367.2
Dallas Division	1,089	1,183	34.6	15,225	14,948	437.0
Fort Worth Division	245	271	16.1	3,857	3,784	225.1
Dayton, OH	90	98	14.0	1,233	1,201	171.5
Denver–Aurora, CO	322	353	17.0	8,403	8,353	402.5
Des Moines, IA	39	43	9.3	499	497	108.8
Detroit, MI	508	544	14.9	9,132	8,872	242.3
Detroit Division	350	375	23.6	6,838	6,620	417.5
Warren Division	158	169	8.1	2,294	2,252	108.5
Durham–Chapel Hill, NC	109	119	28.6	1,852	1,822	437.0
El Paso, TX	121	132	23.1	1,518	1,498	260.9
Fresno, CA	97	117	16.3	1,277	1,263	176.7
Grand Rapids–Wyoming, MI	39	42	6.6	815	803	126.5
Greensboro–High Point, NC	128	139	23.5	2,098	2,062	348.4
Greenville, SC	67	73	13.8	1,187	1,162	219.5
Harrisburg–Carlisle, PA	53	57	12.6	1,279	1,272	280.0
Hartford–West Hartford–East Hartford, CT	164	207	20.5	3,510	3,528	349.5

**Table 1a. Diagnoses of HIV infection, 2010, and persons living with a diagnosis of HIV infection, year-end 2009, adults and adolescents, by metropolitan statistical area of residence—United States and Puerto Rico (cont)**

Area of residence	Diagnoses of HIV infection, 2010			Living with HIV infection, year-end 2009		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate
Honolulu, HI	61	—	—	1,568	—	—
Houston–Baytown–Sugar Land, TX	1,425	1,553	33.6	21,072	20,563	444.2
Indianapolis, IN	247	270	19.1	3,978	3,896	275.8
Jackson, MS	167	184	42.1	3,002	2,943	673.4
Jacksonville, FL	355	388	35.4	5,711	5,614	513.1
Kansas City, MO–KS	223	245	14.6	4,413	4,378	259.5
Knoxville, TN	46	50	8.4	1,039	1,034	175.5
Lakeland, FL	112	122	25.3	1,648	1,621	337.0
Lancaster, PA	46	50	12.0	724	721	172.5
Las Vegas–Paradise, NV	351	387	25.3	5,529	5,463	356.8
Little Rock–North Little Rock, AR	89	98	17.5	1,665	1,623	289.2
Los Angeles, CA	2,335	3,161	30.0	46,203	46,210	438.7
Los Angeles Division	2,039	2,795	34.7	39,996	40,096	498.1
Santa Ana Division	296	366	14.7	6,207	6,113	246.1
Louisville, KY–IN	170	186	17.9	2,718	2,675	256.4
Madison, WI	36	39	8.1	599	590	122.4
McAllen–Edinburg–Pharr, TX	85	94	17.5	816	804	150.7
Memphis, TN–MS–AR	395	438	41.8	6,865	6,854	653.2
Miami, FL	2,514	2,749	59.2	48,716	47,977	1,033.9
Fort Lauderdale Division	887	973	66.1	15,831	15,619	1,060.4
Miami Division	1,294	1,412	67.9	25,238	24,848	1,193.9
West Palm Beach Division	333	364	33.5	7,647	7,510	691.4
Milwaukee–Waukesha–West Allis, WI	165	180	14.0	2,777	2,728	212.3
Minneapolis–St. Paul–Bloomington, MN–WI	307	340	12.6	5,568	5,501	204.8
Modesto, CA	17	20	5.0	503	498	123.3
Nashville–Davidson–Murfreesboro, TN	298	327	25.2	4,693	4,667	359.4
New Haven–Milford, CT	104	136	19.1	3,196	3,243	454.8
New Orleans–Metairie–Kenner, LA	404	437	44.3	7,594	7,339	744.5
New York, NY–NJ–PA	4,669	6,140	38.6	138,434	140,372	883.1
Edison Division	180	300	15.5	4,765	4,836	248.9
Nassau Division	256	344	14.3	5,671	5,970	248.1
New York–White Plains–Wayne Division	3,721	4,645	47.4	114,165	115,569	1,180.5
Newark Division	512	851	48.5	13,833	13,997	797.2
Ogden–Clearfield, UT	12	13	3.1	245	244	59.3
Oklahoma City, OK	143	157	15.7	2,267	2,205	220.5
Omaha–Council Bluffs, NE–IA	81	90	13.1	1,144	1,137	165.7
Orlando, FL	622	682	39.5	9,463	9,357	542.6
Oxnard–Thousand Oaks–Ventura, CA	35	43	6.6	794	788	120.5
Palm Bay–Melbourne–Titusville, FL	75	82	17.8	1,170	1,151	249.1
Philadelphia, PA–NJ–DE–MD	1,192	—	—	25,814	—	—
Camden Division	122	204	19.5	2,889	2,939	280.9
Philadelphia Division	961	1,054	31.5	20,496	20,240	604.4
Wilmington Division	109	—	—	2,429	—	—
Phoenix–Mesa–Scottsdale, AZ	453	489	14.0	8,865	8,799	252.9
Pittsburgh, PA	153	166	8.2	2,776	2,747	135.6
Portland–South Portland, ME	30	36	8.1	562	576	130.3
Portland–Vancouver–Beaverton, OR–WA	198	218	11.8	4,105	4,080	220.1
Poughkeepsie–Newburgh–Middletown, NY	70	94	16.7	2,186	2,274	406.1
Providence–New Bedford–Fall River, RI–MA	151	147	16.4	2,713	1,784	199.4

**Table 1a. Diagnoses of HIV infection, 2010, and persons living with a diagnosis of HIV infection, year-end 2009, adults and adolescents, by metropolitan statistical area of residence—United States and Puerto Rico (cont)**

Area of residence	Diagnoses of HIV infection, 2010			Living with HIV infection, year-end 2009		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate
Provo–Orem, UT	6	7	1.6	124	123	30.3
Raleigh–Cary, NC	190	206	22.8	2,981	2,953	326.7
Richmond, VA	217	260	25.3	4,073	4,100	398.3
Riverside–San Bernardino–Ontario, CA	366	447	13.6	7,486	7,319	222.8
Rochester, NY	118	156	17.8	2,918	3,058	348.7
Sacramento–Arden-Arcade–Roseville, CA	191	234	13.4	3,246	3,222	184.3
St. Louis, MO–IL	380	430	18.1	6,214	6,091	257.1
Salt Lake City, UT	57	62	7.0	1,778	1,769	201.2
San Antonio, TX	273	298	18.0	4,425	4,352	263.2
San Diego–Carlsbad–San Marcos, CA	515	630	25.1	11,105	10,928	434.9
San Francisco, CA	873	1,035	28.5	23,250	23,077	634.7
Oakland Division	328	401	19.1	6,502	6,338	302.3
San Francisco Division	545	634	41.2	16,748	16,739	1,087.4
San Jose–Sunnyvale–Santa Clara, CA	144	180	12.0	2,892	2,872	191.1
San Juan–Caguas–Guaynabo, PR	475	778	34.0	12,531	12,483	545.3
Scranton–Wilkes-Barre, PA	30	34	7.3	576	572	121.5
Seattle, WA	401	438	15.4	8,045	7,983	280.7
Seattle Division	342	374	17.1	7,114	7,062	322.5
Tacoma Division	59	64	9.7	931	921	140.6
Springfield, MA	72	—	—	1,722	—	—
Stockton, CA	87	107	20.1	1,051	1,038	195.6
Syracuse, NY	49	65	11.9	1,047	1,101	202.0
Tampa–St. Petersburg–Clearwater, FL	578	635	27.3	9,894	9,727	418.8
Toledo, OH	35	38	6.8	901	879	156.6
Tucson, AZ	96	105	12.5	1,890	1,871	221.3
Tulsa, OK	79	84	11.2	1,412	1,375	182.2
Virginia Beach–Norfolk–Newport News, VA–NC	335	400	28.9	5,985	6,016	435.0
Washington, DC–VA–MD–WV	1,715	—	—	29,417	—	—
Bethesda Division	168	—	—	3,406	—	—
Washington Division	1,547	—	—	26,011	—	—
Wichita, KS	49	55	11.1	742	734	148.9
Worcester, MA	61	—	—	1,463	—	—
Youngstown–Warren–Boardman, OH–PA	37	40	8.3	636	617	128.8
<b>Subtotal for MSAs (population ≥ 500,000)</b>	<b>35,200</b>	<b>37,934</b>	<b>24.5</b>	<b>714,101</b>	<b>644,641</b>	<b>415.9</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>4,880</b>	<b>5,677</b>	<b>12.4</b>	<b>88,952</b>	<b>82,061</b>	<b>179.7</b>
<b>Nonmetropolitan areas</b>	<b>2,891</b>	<b>3,272</b>	<b>8.1</b>	<b>54,011</b>	<b>51,987</b>	<b>127.9</b>
<b>Total<sup>c</sup></b>	<b>43,378</b>	<b>47,477</b>	<b>19.7</b>	<b>866,042</b>	<b>778,688</b>	<b>322.7</b>

*Note.* Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection for the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.



**Table 1b. Diagnoses of HIV infection, 2010, and persons living with a diagnosis of HIV infection, year-end 2009, adult and adolescent males, by metropolitan statistical area of residence—United States and Puerto Rico**

Area of residence	Diagnoses of HIV infection, 2010			Living with HIV infection, year-end 2009		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate
Akron, OH	25	27	9.5	593	576	203.2
Albany–Schenectady–Troy, NY	53	70	19.8	1,342	1,399	394.5
Albuquerque, NM	63	69	20.0	1,055	1,036	300.8
Allentown–Bethlehem–Easton, PA–NJ	49	54	16.3	895	891	267.4
Atlanta–Sandy Springs–Marietta, GA	948	1,321	61.4	17,855	18,058	840.0
Augusta–Richmond County, GA–SC	63	92	44.3	1,336	1,339	641.1
Austin–Round Rock, TX	203	223	31.7	3,569	3,519	500.0
Bakersfield, CA	97	119	36.6	1,470	1,457	447.3
Baltimore–Towson, MD	536	—	—	11,657	—	—
Baton Rouge, LA	206	221	70.1	2,423	2,311	734.4
Birmingham–Hoover, AL	159	174	39.1	2,455	2,420	543.4
Boise City–Nampa, ID	20	22	9.0	343	342	141.6
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	310	—	—	7,701	—	—
Boston Division	160	—	—	4,759	—	—
Cambridge Division	88	—	—	1,891	—	—
Peabody Division	43	—	—	839	—	—
Bradenton–Sarasota–Venice, FL	66	72	25.0	1,138	1,114	387.3
Bridgeport–Stamford–Norwalk, CT	67	88	24.5	1,819	1,843	512.0
Buffalo–Niagara Falls, NY	85	114	24.9	1,501	1,581	345.2
Cape Coral–Fort Myers, FL	58	63	25.7	1,028	1,017	413.7
Charleston–North Charleston, SC	95	104	39.3	1,419	1,385	524.2
Charlotte–Gastonia–Concord, NC–SC	310	351	51.5	3,984	3,919	575.0
Chattanooga, TN–GA	41	49	23.6	790	789	377.1
Chicago, IL–IN–WI	993	1,214	31.8	21,688	21,424	561.5
Chicago Division	898	1,101	34.6	20,307	20,066	629.9
Gary Division	46	51	18.6	810	792	286.6
Lake Division	49	61	17.3	571	566	159.9
Cincinnati–Middletown, OH–KY–IN	173	187	21.7	2,401	2,355	272.1
Cleveland–Elyria–Mentor, OH	176	190	22.8	3,440	3,344	401.7
Colorado Springs, CO	31	34	13.4	613	609	240.9
Columbia, SC	168	183	62.3	2,570	2,525	857.8
Columbus, OH	271	292	40.4	3,507	3,443	475.8
Dallas, TX	1,045	1,140	44.6	15,258	14,968	585.9
Dallas Division	864	940	54.7	12,342	12,109	704.4
Fort Worth Division	181	200	24.0	2,916	2,859	342.2
Dayton, OH	76	83	24.7	962	935	278.8
Denver–Aurora, CO	281	308	29.7	7,582	7,534	727.1
Des Moines, IA	32	35	15.8	409	409	184.4
Detroit, MI	402	429	24.3	6,906	6,723	380.2
Detroit Division	266	284	37.7	5,005	4,856	644.5
Warren Division	136	145	14.3	1,901	1,867	184.0
Durham–Chapel Hill, NC	77	84	41.9	1,309	1,286	645.7
El Paso, TX	110	120	44.3	1,316	1,299	477.7
Fresno, CA	83	100	27.7	1,006	995	277.0
Grand Rapids–Wyoming, MI	31	33	10.5	623	614	195.2
Greensboro–High Point, NC	96	104	36.9	1,497	1,473	521.4
Greenville, SC	54	59	22.7	890	871	336.9
Harrisburg–Carlisle, PA	42	45	20.6	946	941	427.5
Hartford–West Hartford–East Hartford, CT	124	153	31.3	2,335	2,342	480.0
Honolulu, HI	53	—	—	1,351	—	—

**Table 1b. Diagnoses of HIV infection, 2010, and persons living with a diagnosis of HIV infection, year-end 2009, adult and adolescent males, by metropolitan statistical area of residence—United States and Puerto Rico (cont)**

Area of residence	Diagnoses of HIV infection, 2010			Living with HIV infection, year-end 2009		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate
Houston–Baytown–Sugar Land, TX	1,067	1,166	50.5	15,460	15,076	653.1
Indianapolis, IN	199	218	31.7	3,266	3,197	465.0
Jackson, MS	124	138	66.8	2,052	2,011	976.8
Jacksonville, FL	235	257	48.7	3,650	3,583	678.3
Kansas City, MO–KS	189	209	25.4	3,721	3,686	448.6
Knoxville, TN	38	41	14.5	842	838	295.4
Lakeland, FL	79	86	36.5	1,043	1,024	434.1
Lancaster, PA	28	30	15.0	473	472	232.8
Las Vegas–Paradise, NV	295	327	42.0	4,592	4,537	583.5
Little Rock–North Little Rock, AR	77	85	31.7	1,326	1,293	480.6
Los Angeles, CA	2,095	2,835	54.5	40,699	40,720	782.7
Los Angeles Division	1,818	2,493	62.9	35,291	35,392	892.6
Santa Ana Division	277	343	27.7	5,408	5,327	430.6
Louisville, KY–IN	140	154	30.5	2,175	2,139	424.1
Madison, WI	31	34	14.2	475	468	195.9
McAllen–Edinburg–Pharr, TX	69	76	29.4	643	633	246.6
Memphis, TN–MS–AR	294	327	65.6	4,657	4,647	933.4
Miami, FL	1,908	2,089	93.1	33,602	33,109	1,476.0
Fort Lauderdale Division	690	759	106.8	10,941	10,798	1,520.4
Miami Division	997	1,088	108.2	17,952	17,688	1,758.7
West Palm Beach Division	221	242	46.0	4,709	4,623	877.0
Milwaukee–Waukesha–West Allis, WI	137	150	24.2	2,159	2,119	341.0
Minneapolis–St. Paul–Bloomington, MN–WI	247	274	20.6	4,311	4,256	320.8
Modesto, CA	16	19	9.6	401	396	199.4
Nashville–Davidson–Murfreesboro, TN	245	270	42.7	3,643	3,622	571.9
New Haven–Milford, CT	78	103	30.1	2,069	2,100	614.9
New Orleans–Metairie–Kenner, LA	301	327	69.8	5,413	5,221	1,114.1
New York, NY–NJ–PA	3,499	4,611	60.5	94,074	95,492	1,253.1
Edison Division	145	242	25.7	3,053	3,107	329.5
Nassau Division	203	274	23.4	3,777	3,984	340.1
New York–White Plains–Wayne Division	2,796	3,498	75.1	78,832	79,878	1,715.9
Newark Division	355	597	70.1	8,412	8,523	1,001.2
Ogden–Clearfield, UT	11	12	5.7	211	211	101.9
Oklahoma City, OK	116	128	26.2	1,902	1,846	378.6
Omaha–Council Bluffs, NE–IA	64	71	21.2	843	837	248.5
Orlando, FL	476	522	61.7	7,082	7,008	826.9
Oxnard–Thousand Oaks–Ventura, CA	29	35	10.8	670	665	203.6
Palm Bay–Melbourne–Titusville, FL	54	60	26.4	773	761	337.7
Philadelphia, PA–NJ–DE–MD	874	—	—	18,148	—	—
Camden Division	89	150	29.6	2,143	2,181	429.8
Philadelphia Division	703	773	48.6	14,413	14,236	894.1
Wilmington Division	82	—	—	1,592	—	—
Phoenix–Mesa–Scottsdale, AZ	411	444	25.3	7,707	7,648	435.3
Pittsburgh, PA	138	150	15.5	2,207	2,184	226.0
Portland–South Portland, ME	25	30	13.8	468	479	224.2
Portland–Vancouver–Beaverton, OR–WA	180	197	21.5	3,643	3,623	395.1
Poughkeepsie–Newburgh–Middletown, NY	50	67	23.8	1,640	1,704	605.7
Providence–New Bedford–Fall River, RI–MA	118	115	26.8	1,864	1,268	294.8
Provo–Orem, UT	5	6	2.8	106	105	52.6
Raleigh–Cary, NC	152	165	37.2	2,179	2,161	486.6

**Table 1b. Diagnoses of HIV infection, 2010, and persons living with a diagnosis of HIV infection, year-end 2009, adult and adolescent males, by metropolitan statistical area of residence—United States and Puerto Rico (cont)**

Area of residence	Diagnoses of HIV infection, 2010			Living with HIV infection, year-end 2009		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate
Richmond, VA	162	195	39.4	2,983	3,004	607.5
Riverside–San Bernardino–Ontario, CA	310	378	23.1	6,413	6,273	383.0
Rochester, NY	100	132	31.1	1,889	1,986	467.5
Sacramento–Arden–Arcade–Roseville, CA	165	203	23.7	2,680	2,660	310.9
St. Louis, MO–IL	296	334	29.4	5,037	4,936	434.7
Salt Lake City, UT	50	54	12.2	1,518	1,511	340.9
San Antonio, TX	233	255	31.8	3,729	3,666	456.7
San Diego–Carlsbad–San Marcos, CA	471	576	45.8	10,016	9,856	784.9
San Francisco, CA	784	928	51.6	20,873	20,741	1,152.2
Oakland Division	286	349	33.9	5,254	5,127	498.6
San Francisco Division	498	579	75.1	15,619	15,614	2,022.9
San Jose–Sunnyvale–Santa Clara, CA	123	155	20.2	2,502	2,482	323.9
San Juan–Caguas–Guaynabo, PR <sup>c</sup>	353	581	—	8,521	8,469	—
Scranton–Wilkes-Barre, PA	23	25	11.0	417	413	182.7
Seattle, WA	346	378	26.7	7,040	6,983	493.1
Seattle Division	300	328	30.1	6,330	6,282	575.3
Tacoma Division	46	50	15.3	710	701	216.2
Springfield, MA	53	—	—	1,088	—	—
Stockton, CA	78	95	36.0	831	820	309.8
Syracuse, NY	39	52	19.6	718	757	288.4
Tampa–St. Petersburg–Clearwater, FL	446	490	43.7	7,213	7,084	632.0
Toledo, OH	27	29	10.6	638	620	229.9
Tucson, AZ	81	89	21.7	1,639	1,623	395.2
Tulsa, OK	69	74	20.1	1,198	1,165	317.1
Virginia Beach–Norfolk–Newport News, VA–NC	249	298	44.5	4,315	4,338	647.6
Washington, DC–VA–MD–WV	1,239	—	—	20,523	—	—
Bethesda Division	106	—	—	2,110	—	—
Washington Division	1,133	—	—	18,413	—	—
Wichita, KS	37	42	17.1	600	592	243.7
Worcester, MA	37	—	—	932	—	—
Youngstown–Warren–Boardman, OH–PA	33	35	15.4	471	457	199.0
<b>Subtotal for MSAs (population ≥ 500,000)</b>	<b>27,670</b>	<b>30,175</b>	<b>40.4</b>	<b>534,955</b>	<b>487,075</b>	<b>652.8</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>3,709</b>	<b>4,130</b>	<b>18.9</b>	<b>65,570</b>	<b>60,502</b>	<b>276.7</b>
<b>Nonmetropolitan areas</b>	<b>2,207</b>	<b>2,497</b>	<b>12.5</b>	<b>39,676</b>	<b>38,119</b>	<b>190.4</b>
<b>Total<sup>d</sup></b>	<b>33,910</b>	<b>36,802</b>	<b>31.6</b>	<b>647,188</b>	<b>585,696</b>	<b>502.7</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection for the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> The 2009 post-censal estimates do not include population denominators by sex or age for Puerto Rico. Therefore, estimated rates were not calculated for San Juan-Caguas-Guaynabo, PR.

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 1c. Diagnoses of HIV infection, 2010, and persons living with a diagnosis of HIV infection, year-end 2009, adult and adolescent females, by metropolitan statistical area of residence—United States and Puerto Rico**

Area of residence	Diagnoses of HIV infection, 2010			Living with HIV infection, year-end 2009		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate
Akron, OH	8	9	2.8	143	138	44.8
Albany–Schenectady–Troy, NY	22	29	7.7	659	690	183.2
Albuquerque, NM	7	8	2.1	130	128	35.7
Allentown–Bethlehem–Easton, PA–NJ	14	16	4.5	517	516	146.1
Atlanta–Sandy Springs–Marietta, GA	234	320	14.3	5,044	5,089	227.0
Augusta–Richmond County, GA–SC	26	36	15.5	646	648	280.0
Austin–Round Rock, TX	36	39	5.7	646	636	94.0
Bakersfield, CA	15	19	6.2	163	160	53.1
Baltimore–Towson, MD	282	—	—	6,602	—	—
Baton Rouge, LA	106	116	35.0	1,506	1,442	435.9
Birmingham–Hoover, AL	58	64	13.1	902	891	182.6
Boise City–Nampa, ID	5	5	2.2	58	58	24.2
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	121	—	—	2,913	—	—
Boston Division	64	—	—	1,568	—	—
Cambridge Division	35	—	—	856	—	—
Peabody Division	19	—	—	426	—	—
Bradenton–Sarasota–Venice, FL	19	21	6.6	483	478	154.2
Bridgeport–Stamford–Norwalk, CT	40	54	14.2	928	943	246.6
Buffalo–Niagara Falls, NY	42	55	11.0	633	673	134.6
Cape Coral–Fort Myers, FL	31	34	13.3	540	534	210.6
Charleston–North Charleston, SC	28	31	10.8	605	596	211.0
Charlotte–Gastonia–Concord, NC–SC	98	108	14.9	1,718	1,684	232.5
Chattanooga, TN–GA	14	16	6.8	279	278	120.7
Chicago, IL–IN–WI	212	254	6.3	6,138	6,040	150.7
Chicago Division	190	229	6.8	5,701	5,609	167.3
Gary Division	10	11	3.6	262	256	85.3
Lake Division	12	14	4.0	175	175	49.3
Cincinnati–Middletown, OH–KY–IN	53	58	6.3	591	581	63.0
Cleveland–Elyria–Mentor, OH	37	40	4.3	896	874	95.1
Colorado Springs, CO	4	4	1.7	115	115	44.8
Columbia, SC	41	44	13.8	1,024	1,004	312.9
Columbus, OH	45	48	6.4	805	791	104.9
Dallas, TX	289	314	12.3	3,824	3,764	147.8
Dallas Division	225	243	14.3	2,883	2,839	166.8
Fort Worth Division	64	71	8.4	941	925	109.4
Dayton, OH	14	15	4.1	271	266	73.0
Denver–Aurora, CO	41	45	4.3	821	819	78.8
Des Moines, IA	7	8	3.2	90	88	37.6
Detroit, MI	106	115	6.1	2,226	2,149	113.5
Detroit Division	84	91	10.9	1,833	1,764	211.9
Warren Division	22	24	2.2	393	385	36.3
Durham–Chapel Hill, NC	32	36	16.4	543	535	246.0
El Paso, TX	11	12	4.0	202	199	65.8
Fresno, CA	14	17	4.8	271	268	75.3
Grand Rapids–Wyoming, MI	8	9	2.7	192	190	59.2
Greensboro–High Point, NC	32	35	11.3	601	589	190.4
Greenville, SC	13	14	5.2	297	291	107.4
Harrisburg–Carlisle, PA	11	12	5.1	333	332	141.6
Hartford–West Hartford–East Hartford, CT	40	54	10.4	1,175	1,186	227.5
Honolulu, HI	8	—	—	217	—	—

**Table 1c. Diagnoses of HIV infection, 2010, and persons living with a diagnosis of HIV infection, year-end 2009, adult and adolescent females, by metropolitan statistical area of residence—United States and Puerto Rico (cont)**

Area of residence	Diagnoses of HIV infection, 2010			Living with HIV infection, year-end 2009		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate
Houston–Baytown–Sugar Land, TX	358	387	16.7	5,612	5,486	236.4
Indianapolis, IN	48	52	7.2	712	699	96.4
Jackson, MS	43	46	20.1	950	931	403.0
Jacksonville, FL	120	131	23.1	2,061	2,031	358.9
Kansas City, MO–KS	34	37	4.3	692	691	79.9
Knoxville, TN	8	9	2.8	197	197	64.3
Lakeland, FL	33	36	14.6	605	597	243.5
Lancaster, PA	18	20	9.2	251	249	115.7
Las Vegas–Paradise, NV	56	61	8.0	937	926	122.8
Little Rock–North Little Rock, AR	12	13	4.4	339	330	113.0
Los Angeles, CA	240	325	6.1	5,504	5,490	103.0
Los Angeles Division	221	302	7.4	4,705	4,704	115.2
Santa Ana Division	19	23	1.8	799	786	63.1
Louisville, KY–IN	30	33	6.0	543	536	99.5
Madison, WI	5	5	2.2	124	123	50.3
McAllen–Edinburg–Pharr, TX	16	18	6.5	173	171	61.8
Memphis, TN–MS–AR	101	112	20.3	2,207	2,206	400.0
Miami, FL	606	660	27.5	15,114	14,867	620.2
Fort Lauderdale Division	197	215	28.2	4,890	4,821	632.1
Miami Division	297	324	30.1	7,286	7,159	665.7
West Palm Beach Division	112	121	21.7	2,938	2,887	516.4
Milwaukee–Waukesha–West Allis, WI	28	30	4.5	618	609	91.8
Minneapolis–St. Paul–Bloomington, MN–WI	60	66	4.9	1,257	1,245	91.6
Modesto, CA	1	1	0.6	102	102	49.7
Nashville–Davidson–Murfreesboro, TN	53	57	8.6	1,050	1,045	157.0
New Haven–Milford, CT	26	33	9.0	1,127	1,142	307.6
New Orleans–Metairie–Kenner, LA	103	110	21.3	2,181	2,119	409.6
New York, NY–NJ–PA	1,170	1,529	18.5	44,360	44,880	542.4
Edison Division	35	58	5.8	1,712	1,729	172.8
Nassau Division	53	70	5.7	1,894	1,985	160.8
New York–White Plains–Wayne Division	925	1,146	22.3	35,333	35,691	695.1
Newark Division	157	255	28.2	5,421	5,474	605.3
Ogden–Clearfield, UT	1	1	0.5	34	34	16.5
Oklahoma City, OK	27	29	5.7	365	360	70.2
Omaha–Council Bluffs, NE–IA	17	19	5.3	301	300	85.9
Orlando, FL	146	159	18.1	2,381	2,349	267.9
Oxnard–Thousand Oaks–Ventura, CA	6	8	2.3	124	123	37.5
Palm Bay–Melbourne–Titusville, FL	21	23	9.6	397	390	164.7
Philadelphia, PA–NJ–DE–MD	318	—	—	7,666	—	—
Camden Division	33	54	10.0	746	757	140.6
Philadelphia Division	258	281	16.0	6,083	6,004	341.8
Wilmington Division	27	—	—	837	—	—
Phoenix–Mesa–Scottsdale, AZ	42	45	2.6	1,158	1,151	66.8
Pittsburgh, PA	15	16	1.5	569	563	53.2
Portland–South Portland, ME	5	6	2.8	94	97	42.5
Portland–Vancouver–Beaverton, OR–WA	18	21	2.2	462	458	48.8
Poughkeepsie–Newburgh–Middletown, NY	20	27	9.6	546	570	204.6
Providence–New Bedford–Fall River, RI–MA	33	32	6.8	849	516	111.1
Provo–Orem, UT	1	1	0.5	18	18	8.7
Raleigh–Cary, NC	38	41	9.0	802	792	172.3

**Table 1c. Diagnoses of HIV infection, 2010, and persons living with a diagnosis of HIV infection, year-end 2009, adult and adolescent females, by metropolitan statistical area of residence—United States and Puerto Rico (cont)**

Area of residence	Diagnoses of HIV infection, 2010			Living with HIV infection, year-end 2009		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate
Richmond, VA	55	65	12.2	1,090	1,096	204.9
Riverside–San Bernardino–Ontario, CA	56	69	4.2	1,073	1,046	63.5
Rochester, NY	18	24	5.3	1,029	1,071	237.0
Sacramento–Arden–Arcade–Roseville, CA	26	32	3.5	566	562	62.9
St. Louis, MO–IL	84	96	7.8	1,177	1,155	93.6
Salt Lake City, UT	7	8	1.7	260	258	59.2
San Antonio, TX	40	43	5.1	696	685	80.6
San Diego–Carlsbad–San Marcos, CA	44	54	4.3	1,089	1,072	85.3
San Francisco, CA	89	106	5.8	2,377	2,335	127.2
Oakland Division	42	52	4.8	1,248	1,211	113.4
San Francisco Division	47	55	7.1	1,129	1,124	146.5
San Jose–Sunnyvale–Santa Clara, CA	21	26	3.5	390	390	52.9
San Juan–Caguas–Guaynabo, PR <sup>c</sup>	122	197	—	4,010	4,015	—
Scranton–Wilkes-Barre, PA	7	9	3.8	159	159	64.9
Seattle, WA	55	60	4.2	1,005	1,000	70.0
Seattle Division	42	46	4.1	784	780	71.1
Tacoma Division	13	14	4.3	221	220	66.5
Springfield, MA	19	—	—	634	—	—
Stockton, CA	9	11	4.3	220	218	82.0
Syracuse, NY	10	13	4.7	329	344	121.7
Tampa–St. Petersburg–Clearwater, FL	132	145	12.1	2,681	2,643	219.9
Toledo, OH	8	10	3.3	263	259	88.8
Tucson, AZ	15	16	3.7	251	248	57.0
Tulsa, OK	10	11	2.8	214	210	54.2
Virginia Beach–Norfolk–Newport News, VA–NC	86	101	14.2	1,670	1,678	235.3
Washington, DC–VA–MD–WV	476	—	—	8,894	—	—
Bethesda Division	62	—	—	1,296	—	—
Washington Division	414	—	—	7,598	—	—
Wichita, KS	12	13	5.3	142	142	56.8
Worcester, MA	24	—	—	531	—	—
Youngstown–Warren–Boardman, OH–PA	4	4	1.7	165	160	64.1
<b>Subtotal for MSAs (population ≥ 500,000)</b>	<b>7,530</b>	<b>7,759</b>	<b>9.9</b>	<b>179,144</b>	<b>157,563</b>	<b>201.8</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>1,171</b>	<b>1,312</b>	<b>5.8</b>	<b>23,382</b>	<b>21,559</b>	<b>94.6</b>
<b>Nonmetropolitan areas</b>	<b>684</b>	<b>775</b>	<b>3.8</b>	<b>14,335</b>	<b>13,868</b>	<b>67.8</b>
<b>Total<sup>d</sup></b>	<b>9,468</b>	<b>9,846</b>	<b>8.1</b>	<b>218,852</b>	<b>192,990</b>	<b>159.1</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection for the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> The 2009 post-censal estimates do not include population denominators by sex or age for Puerto Rico. Therefore, estimated rates were not calculated for San Juan–Caguas–Guaynabo, PR.

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 2a. Diagnoses of HIV infection among adult and adolescent males, by metropolitan statistical area of residence and age, 2010—United States and Puerto Rico**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Akron, OH	4	4	7.0	7	8	18.3	2	2	4.8	8	9	15.8	4	4	5.2
Albany–Schenectady–Troy, NY	2	3	3.3	8	11	21.2	16	21	37.8	20	27	40.4	7	9	8.9
Albuquerque, NM	10	11	15.2	26	29	43.1	14	15	27.0	7	8	13.1	6	6	7.0
Allentown–Bethlehem–Easton, PA–NJ	9	10	14.8	8	9	18.7	12	13	23.0	16	18	28.5	4	4	4.4
Atlanta–Sandy Springs–Marietta, GA	228	319	70.2	288	401	97.6	206	289	66.1	168	233	59.7	58	80	17.5
Augusta–Richmond County, GA–SC	22	33	68.8	15	20	61.4	10	14	43.2	11	17	46.6	5	8	13.0
Austin–Round Rock, TX	49	54	37.1	60	66	38.0	54	61	43.9	32	35	30.5	8	9	6.5
Bakersfield, CA	13	16	18.7	26	31	46.8	26	33	57.5	24	30	57.2	8	10	14.7
Baltimore–Towson, MD	111	—	—	110	—	—	118	—	—	133	—	—	64	—	—
Baton Rouge, LA	57	61	74.2	62	67	124.4	34	36	71.4	40	43	81.3	13	14	18.6
Birmingham–Hoover, AL	39	43	49.1	48	53	65.5	38	41	54.6	17	19	23.5	17	19	15.2
Boise City–Nampa, ID	1	1	2.1	5	6	11.7	7	8	17.5	6	6	16.1	1	1	1.8
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	29	—	—	71	—	—	101	—	—	93	—	—	30	—	—
Boston Division	18	—	—	39	—	—	52	—	—	36	—	—	15	—	—
Cambridge Division	8	—	—	22	—	—	29	—	—	24	—	—	5	—	—
Peabody Division	1	—	—	6	—	—	16	—	—	14	—	—	6	—	—
Bradenton–Sarasota–Venice, FL	11	12	28.9	10	11	31.2	11	12	31.4	24	26	58.1	10	11	8.3
Bridgeport–Stamford–Norwalk, CT	13	18	23.9	14	18	35.4	16	20	31.4	13	17	23.4	11	15	15.4
Buffalo–Niagara Falls, NY	16	21	22.5	25	33	48.5	21	28	39.6	17	24	27.3	6	8	5.8
Cape Coral–Fort Myers, FL	8	9	22.6	15	16	47.2	13	14	40.1	13	14	37.3	9	10	9.8
Charleston–North Charleston, SC	29	32	53.9	32	35	67.9	18	20	46.0	12	13	29.4	4	5	6.8
Charlotte–Gastonia–Concord, NC–SC	98	110	79.7	76	85	66.1	66	79	57.6	46	50	41.8	24	26	16.7
Chattanooga, TN–GA	10	11	27.5	7	9	25.2	11	14	40.1	10	13	34.1	3	3	5.1
Chicago, IL–IN–WI	238	294	36.2	307	372	53.3	232	284	41.6	156	193	28.0	60	71	7.6
Chicago Division	213	261	38.9	280	341	56.3	210	258	45.1	142	177	31.2	53	63	8.3
Gary Division	14	17	29.1	13	14	32.9	11	12	26.7	4	4	8.5	4	4	5.3
Lake Division	11	16	18.9	14	17	34.1	11	14	21.1	10	12	17.0	3	4	4.0
Cincinnati–Middletown, OH–KY–IN	52	56	31.5	46	51	34.1	35	37	25.4	36	38	23.6	4	4	2.0
Cleveland–Elyria–Mentor, OH	51	56	33.6	49	52	43.9	37	40	29.7	32	35	21.4	7	8	3.0
Colorado Springs, CO	6	7	11.0	6	6	16.0	8	9	20.0	6	7	13.9	5	5	9.0
Columbia, SC	63	69	101.8	36	39	77.2	32	35	72.2	23	25	48.7	14	15	19.8
Columbus, OH	71	76	52.7	79	86	57.2	64	68	52.3	37	40	31.1	20	21	12.6
Dallas, TX	255	279	51.6	317	345	64.3	263	288	57.7	160	173	38.4	50	54	10.3
Dallas Division	221	242	66.8	267	289	77.9	208	227	66.0	133	144	48.2	35	38	11.1
Fort Worth Division	34	37	20.7	50	57	34.1	55	61	39.3	27	29	19.1	15	16	8.9
Dayton, OH	34	38	52.2	17	18	36.4	12	13	24.8	8	9	14.1	5	5	5.3
Denver–Aurora, CO	49	53	27.4	92	101	48.2	55	60	30.3	61	68	36.3	24	26	10.6

**Table 2a. Diagnoses of HIV infection among adult and adolescent males, by metropolitan statistical area of residence and age, 2010—United States and Puerto Rico (cont)**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Des Moines, IA	6	7	15.3	8	9	19.4	8	9	22.7	9	10	24.7	1	1	1.9
Detroit, MI	119	127	36.0	115	123	45.0	69	74	23.8	72	77	22.4	27	29	5.9
Detroit Division	94	100	62.2	65	69	56.5	45	48	36.9	45	48	34.2	17	18	9.1
Warren Division	25	27	14.0	50	53	35.5	24	25	14.3	27	29	14.1	10	11	3.7
Durham–Chapel Hill, NC	13	14	31.3	17	18	47.8	21	23	65.6	15	16	49.8	11	12	24.8
El Paso, TX	28	30	42.1	38	42	88.6	19	21	45.2	17	18	42.2	8	9	13.8
Fresno, CA	13	16	17.1	30	36	48.8	16	19	32.0	15	19	32.9	9	11	13.7
Grand Rapids–Wyoming, MI	7	8	11.2	8	8	14.5	5	5	10.2	6	6	11.1	5	5	6.8
Greensboro–High Point, NC	26	28	48.9	27	29	62.9	17	19	38.0	14	15	29.8	12	13	16.6
Greenville, SC	15	16	28.1	11	12	29.0	14	15	34.3	10	11	24.5	4	4	6.1
Harrisburg–Carlisle, PA	9	10	22.6	11	12	34.5	11	12	32.9	9	10	24.1	2	2	3.2
Hartford–West Hartford–East Hartford, CT	15	18	17.6	25	30	42.6	41	51	63.3	31	38	40.6	12	16	11.2
Honolulu, HI	8	—	—	17	—	—	9	—	—	11	—	—	8	—	—
Houston–Baytown–Sugar Land, TX	258	284	56.2	296	323	70.3	262	286	66.2	173	189	45.8	78	84	16.9
Indianapolis, IN	59	65	46.8	57	63	48.8	46	50	39.8	27	29	23.0	10	11	6.4
Jackson, MS	38	42	88.6	27	30	79.2	27	30	91.2	23	25	69.6	9	10	19.4
Jacksonville, FL	61	67	62.3	63	69	75.1	56	61	66.9	32	35	36.0	23	25	17.8
Kansas City, MO–KS	48	53	33.0	73	80	52.7	33	38	26.3	27	29	19.2	8	9	4.1
Knoxville, TN	5	5	8.7	7	8	18.8	14	15	32.8	5	5	10.7	7	8	8.9
Lakeland, FL	12	13	28.7	23	25	65.7	12	13	35.7	20	22	58.1	12	13	16.9
Lancaster, PA	4	4	10.1	8	9	27.9	8	9	27.9	6	7	17.8	2	2	3.5
Las Vegas–Paradise, NV	67	74	48.6	91	102	65.4	76	84	56.7	37	41	31.7	24	26	13.6
Little Rock–North Little Rock, AR	13	14	24.1	23	25	51.1	23	26	59.0	13	14	29.9	5	6	8.9
Los Angeles, CA	402	548	49.0	687	925	89.7	547	744	77.2	347	469	52.4	112	150	12.5
Los Angeles Division	347	479	55.5	588	802	100.2	482	665	90.6	301	411	61.1	100	136	15.2
Santa Ana Division	55	69	27.2	99	123	53.3	65	79	34.3	46	58	26.1	12	14	4.7
Louisville, KY–IN	37	40	41.6	30	33	36.8	36	41	47.7	25	27	28.6	12	13	9.3
Madison, WI	7	8	12.8	10	11	26.7	8	9	22.0	4	4	10.6	2	2	3.9
McAllen–Edinburg–Pharr, TX	13	14	20.3	25	28	54.2	17	19	41.5	10	11	30.8	4	4	7.8
Memphis, TN–MS–AR	82	90	81.3	90	99	113.0	54	61	69.8	45	50	56.4	23	26	21.4
Miami, FL	332	363	86.0	413	454	122.4	486	532	136.0	460	502	126.6	217	238	36.0
Fort Lauderdale Division	120	131	98.7	146	162	139.8	170	185	144.5	185	204	149.7	69	77	39.0
Miami Division	166	183	91.9	223	244	135.7	264	289	159.2	230	249	145.5	114	123	44.9
West Palm Beach Division	46	50	54.4	44	48	63.9	52	57	70.7	45	49	55.1	34	38	20.0
Milwaukee–Waukesha–West Allis, WI	44	48	37.6	29	31	28.8	28	32	30.9	26	28	24.3	10	11	6.7
Minneapolis–St. Paul–Bloomington, MN–WI	65	72	27.2	69	76	30.4	52	60	25.3	53	57	22.4	8	9	2.7
Modesto, CA	0	0	0.0	6	7	19.7	7	8	25.1	1	1	3.5	2	2	5.2



**Table 2a. Diagnoses of HIV infection among adult and adolescent males, by metropolitan statistical area of residence and age, 2010—United States and Puerto Rico (cont)**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Nashville–Davidson–Murfreesboro, TN	68	76	59.9	58	65	52.7	59	65	56.2	44	48	42.1	16	17	11.0
New Haven–Milford, CT	14	17	24.1	21	27	49.3	14	20	35.6	18	24	37.7	11	15	15.3
New Orleans–Metairie–Kenner, LA	77	83	88.5	87	95	115.4	61	67	91.3	56	61	69.3	20	22	16.4
New York, NY–NJ–PA	670	875	58.7	1,006	1,325	98.2	849	1,123	82.9	627	836	59.8	347	452	22.3
Edison Division	24	41	22.8	47	77	54.7	26	44	27.0	31	51	28.1	17	29	10.5
Nassau Division	35	47	19.4	42	56	36.0	52	72	36.8	50	66	27.8	24	34	9.8
New York–White Plains–Wayne Division	554	691	76.7	832	1,046	113.2	682	857	102.2	468	590	72.9	260	314	26.5
Newark Division	57	97	57.0	85	146	112.7	89	149	95.7	78	129	76.3	46	76	33.5
Ogden–Clearfield, UT	2	2	4.5	3	3	6.8	1	1	3.2	4	4	13.1	1	1	2.3
Oklahoma City, OK	30	32	29.7	34	37	39.4	22	25	32.0	24	27	33.1	6	7	5.2
Omaha–Council Bluffs, NE–IA	12	13	18.2	18	21	30.9	18	21	36.5	14	15	25.5	2	2	2.6
Orlando, FL	106	118	69.1	132	146	90.9	107	116	78.7	95	103	72.0	36	39	17.3
Oxnard–Thousand Oaks–Ventura, CA	9	11	15.0	5	6	12.0	10	12	22.3	3	4	5.9	2	2	2.7
Palm Bay–Melbourne–Titusville, FL	10	11	27.0	11	13	44.7	10	11	35.4	16	17	40.4	7	8	9.3
Philadelphia, PA–NJ–DE–MD	214	—	—	235	—	—	199	—	—	147	—	—	79	—	—
Camden Division	21	34	32.9	18	34	41.6	27	45	50.8	13	22	22.2	10	16	11.7
Philadelphia Division	174	195	58.3	194	214	80.1	159	173	66.0	113	123	41.9	63	68	15.7
Wilmington Division	19	—	—	23	—	—	13	—	—	21	—	—	6	—	—
Phoenix–Mesa–Scottsdale, AZ	71	77	21.2	137	147	40.0	106	115	35.5	63	69	24.6	34	37	8.6
Pittsburgh, PA	38	41	22.9	36	39	27.2	33	36	24.1	22	24	13.1	9	10	3.2
Portland–South Portland, ME	2	2	5.2	6	7	22.6	11	13	38.8	4	5	10.9	2	3	3.8
Portland–Vancouver–Beaverton, OR–WA	39	42	24.7	48	54	30.3	39	42	25.3	31	34	20.5	23	25	10.7
Poughkeepsie–Newburgh–Middletown, NY	9	12	17.8	11	15	39.3	12	17	34.1	12	16	27.9	6	8	11.1
Providence–New Bedford–Fall River, RI–MA	13	11	12.3	31	29	43.9	38	40	56.6	26	24	30.0	10	11	8.9
Provo–Orem, UT	2	2	2.8	2	2	6.3	0	0	0.0	1	1	4.8	0	0	0.0
Raleigh–Cary, NC	37	40	45.0	43	47	52.9	36	39	42.7	26	28	35.3	10	11	11.3
Richmond, VA	45	53	51.0	40	50	58.0	36	44	50.9	25	29	32.8	16	19	14.8
Riverside–San Bernardino–Ontario, CA	59	71	17.1	72	87	29.9	64	79	27.5	78	96	34.5	37	45	12.2
Rochester, NY	35	46	47.7	14	18	31.8	16	21	32.0	22	29	36.3	13	17	13.8
Sacramento–Arden–Arcade–Roseville, CA	43	53	28.2	40	49	33.3	40	48	33.5	27	33	21.6	15	19	8.6
St. Louis, MO–IL	100	115	49.8	79	88	46.4	55	63	34.0	43	47	21.6	19	21	6.8
Salt Lake City, UT	12	13	13.2	11	12	11.2	19	21	26.4	6	6	9.2	2	2	2.4
San Antonio, TX	67	73	39.7	79	88	59.9	42	45	32.6	30	33	24.2	15	16	8.2
San Diego–Carlsbad–San Marcos, CA	88	108	37.6	155	192	80.7	104	126	58.5	92	111	51.4	32	40	13.2
San Francisco, CA	124	147	47.2	217	258	74.9	224	265	77.4	155	184	56.1	64	76	15.9
Oakland Division	49	60	30.4	70	86	46.1	78	94	49.2	59	72	37.8	30	37	14.0
San Francisco Division	75	86	76.9	147	172	109.1	146	171	113.2	96	112	81.7	34	39	18.2

**Table 2a. Diagnoses of HIV infection among adult and adolescent males, by metropolitan statistical area of residence and age, 2010—United States and Puerto Rico (cont)**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
San Jose–Sunnyvale–Santa Clara, CA	13	16	10.9	40	51	33.5	34	42	27.2	23	30	21.2	13	16	9.1
San Juan–Caguas–Guaynabo, PR <sup>c</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scranton–Wilkes-Barre, PA	2	2	5.0	2	2	6.9	7	8	21.3	8	9	20.8	4	4	5.9
Seattle, WA	50	54	19.9	115	125	45.6	102	110	42.4	55	61	23.3	24	27	7.8
Seattle Division	43	46	23.4	102	111	51.3	85	92	44.7	53	59	28.9	17	19	7.2
Tacoma Division	7	8	10.5	13	14	24.2	17	18	33.8	2	2	3.6	7	8	9.5
Springfield, MA	6	—	—	13	—	—	15	—	—	13	—	—	6	—	—
Stockton, CA	13	16	24.0	22	27	58.0	23	28	61.5	14	17	38.1	6	7	11.5
Syracuse, NY	10	13	22.9	8	11	27.1	8	11	26.6	10	13	26.1	3	4	5.2
Tampa–St. Petersburg–Clearwater, FL	86	96	47.3	91	99	54.6	107	119	65.4	103	113	57.6	59	64	17.6
Toledo, OH	8	8	13.9	6	6	14.8	8	9	20.4	4	4	8.8	1	1	1.4
Tucson, AZ	10	11	13.4	20	23	31.1	20	22	35.8	19	20	30.4	12	13	10.3
Tulsa, OK	14	15	19.8	21	22	33.4	17	18	30.8	11	12	18.1	6	6	6.3
Virginia Beach–Norfolk–Newport News, VA–NC	77	93	56.3	70	85	71.9	47	55	50.4	41	48	41.9	14	17	10.7
Washington, DC–VA–MD–WV	256	—	—	370	—	—	297	—	—	221	—	—	95	—	—
Bethesda Division	19	—	—	29	—	—	31	—	—	18	—	—	9	—	—
Washington Division	237	—	—	341	—	—	266	—	—	203	—	—	86	—	—
Wichita, KS	11	12	23.8	14	16	36.9	6	7	17.2	6	6	14.4	0	0	0.0
Worcester, MA	4	—	—	9	—	—	12	—	—	9	—	—	3	—	—
Youngstown–Warren–Boardman, OH–PA	7	7	16.6	4	4	14.0	5	5	15.6	15	16	37.5	2	2	2.8
<b>Subtotal for MSAs (population ≥ 500,000)</b>	<b>5,990</b>	<b>6,562</b>	<b>42.3</b>	<b>7,729</b>	<b>8,494</b>	<b>62.9</b>	<b>6,586</b>	<b>7,198</b>	<b>54.8</b>	<b>5,095</b>	<b>5,478</b>	<b>41.0</b>	<b>2,270</b>	<b>2,443</b>	<b>12.8</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>915</b>	<b>1,042</b>	<b>20.5</b>	<b>964</b>	<b>1,071</b>	<b>30.6</b>	<b>810</b>	<b>897</b>	<b>26.3</b>	<b>713</b>	<b>785</b>	<b>21.1</b>	<b>307</b>	<b>336</b>	<b>5.5</b>
<b>Nonmetropolitan areas</b>	<b>477</b>	<b>539</b>	<b>12.9</b>	<b>540</b>	<b>611</b>	<b>20.8</b>	<b>524</b>	<b>594</b>	<b>19.7</b>	<b>466</b>	<b>522</b>	<b>14.8</b>	<b>200</b>	<b>231</b>	<b>3.6</b>
<b>Total<sup>d</sup></b>	<b>7,450</b>	<b>8,143</b>	<b>32.9</b>	<b>9,335</b>	<b>10,176</b>	<b>51.0</b>	<b>8,002</b>	<b>8,689</b>	<b>44.4</b>	<b>6,330</b>	<b>6,785</b>	<b>33.0</b>	<b>2,793</b>	<b>3,009</b>	<b>9.5</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection in the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> Data are not presented for San Juan–Caguas–Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by sex or age for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 2b. Adult and adolescent males living with a diagnosis of HIV infection, by metropolitan statistical area of residence and age, year-end 2009—United States and Puerto Rico**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Akron, OH	35	36	60.6	81	81	193.9	153	151	333.8	212	203	375.7	112	105	127.0
Albany–Schenectady–Troy, NY	43	49	60.9	112	126	253.9	342	362	641.9	534	551	836.5	311	311	303.0
Albuquerque, NM	35	36	50.7	135	135	203.2	319	316	559.5	381	374	633.8	185	175	191.3
Allentown–Bethlehem–Easton, PA–NJ	26	27	40.1	89	89	190.6	234	234	415.2	349	347	538.1	197	194	195.1
Atlanta–Sandy Springs–Marietta, GA	772	826	181.9	2,820	2,924	712.5	5,328	5,396	1,234.9	6,043	6,052	1,554.1	2,892	2,860	623.4
Augusta–Richmond County, GA–SC	69	74	152.0	173	177	531.0	327	329	1,029.0	470	467	1,264.5	297	292	502.8
Austin–Round Rock, TX	121	124	85.8	576	581	337.1	1,169	1,160	839.6	1,235	1,207	1,063.5	468	447	331.1
Bakersfield, CA	31	32	38.4	210	212	321.3	492	489	857.3	531	523	983.7	206	202	302.6
Baltimore–Towson, MD	504	—	—	1,173	—	—	2,495	—	—	4,676	—	—	2,809	—	—
Baton Rouge, LA	154	156	190.1	443	438	818.1	650	622	1,222.0	808	763	1,451.1	368	332	439.7
Birmingham–Hoover, AL	133	135	154.5	383	386	481.6	699	693	912.3	866	847	1,074.2	374	357	291.7
Boise City–Nampa, ID	9	9	18.3	45	46	95.4	99	100	231.7	138	137	338.6	52	50	84.3
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	194	—	—	634	—	—	1,996	—	—	3,293	—	—	1,584	—	—
Boston Division	130	—	—	376	—	—	1,189	—	—	2,046	—	—	1,018	—	—
Cambridge Division	37	—	—	176	—	—	541	—	—	760	—	—	377	—	—
Peabody Division	26	—	—	67	—	—	210	—	—	390	—	—	146	—	—
Bradenton–Sarasota–Venice, FL	15	15	34.9	109	110	315.0	295	293	770.6	453	446	983.7	266	251	197.0
Bridgeport–Stamford–Norwalk, CT	42	46	61.4	169	182	353.0	411	423	659.6	722	726	1,020.5	475	468	472.1
Buffalo–Niagara Falls, NY	54	64	67.8	163	186	270.7	360	383	549.9	616	639	734.1	308	309	223.5
Cape Coral–Fort Myers, FL	37	37	97.5	93	94	270.7	303	303	856.1	394	388	1,018.1	201	194	196.1
Charleston–North Charleston, SC	52	54	91.4	156	157	305.0	366	362	851.6	558	541	1,235.0	287	270	400.7
Charlotte–Gastonia–Concord, NC–SC	235	240	173.9	630	635	494.4	1,184	1,175	856.6	1,364	1,333	1,102.5	571	535	341.6
Chattanooga, TN–GA	33	35	86.4	89	89	262.2	262	261	759.8	262	261	700.9	144	143	225.9
Chicago, IL–IN–WI	1,013	1,041	128.3	3,054	3,088	442.6	5,989	5,964	874.1	7,523	7,378	1,070.7	4,109	3,953	422.8
Chicago Division	916	941	140.2	2,847	2,876	474.4	5,633	5,611	978.9	7,056	6,927	1,223.1	3,855	3,710	482.9
Gary Division	54	56	96.5	120	123	288.3	207	205	459.6	286	274	522.4	143	134	169.9
Lake Division	43	45	53.9	87	88	181.2	149	148	229.6	181	177	251.3	111	109	123.9
Cincinnati–Middletown, OH–KY–IN	147	150	84.7	327	328	218.7	698	693	469.4	874	848	521.5	355	335	147.3
Cleveland–Elyria–Mentor, OH	151	154	92.9	449	446	373.2	1,011	995	740.5	1,241	1,197	739.8	588	553	219.8
Colorado Springs, CO	15	16	26.8	58	59	145.7	168	167	389.1	245	242	506.0	127	125	205.8
Columbia, SC	144	147	216.2	431	433	850.7	767	757	1,564.8	860	838	1,652.6	368	350	459.6
Columbus, OH	187	190	131.5	525	527	348.7	1,151	1,138	869.7	1,178	1,146	895.8	466	442	261.5
Dallas, TX	695	709	130.9	2,419	2,433	453.3	4,804	4,754	952.2	5,310	5,160	1,143.2	2,030	1,913	363.7
Dallas Division	528	537	148.2	1,962	1,973	532.2	3,958	3,920	1,142.1	4,294	4,171	1,391.7	1,600	1,508	439.8
Fort Worth Division	167	172	95.8	457	459	276.9	846	835	534.7	1,016	989	652.1	430	405	221.2
Dayton, OH	56	56	77.0	148	148	299.6	248	243	471.6	352	339	560.3	158	148	147.0
Denver–Aurora, CO	125	128	65.5	757	764	364.6	1,977	1,979	1,006.1	2,977	2,950	1,573.0	1,746	1,715	691.7

**Table 2b. Adult and adolescent males living with a diagnosis of HIV infection, by metropolitan statistical area of residence and age, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Des Moines, IA	11	11	26.1	57	58	131.1	124	124	314.9	146	145	369.4	71	70	125.9
Detroit, MI	488	497	140.9	1,031	1,030	377.5	1,857	1,829	591.5	2,266	2,192	635.7	1,264	1,175	240.4
Detroit Division	375	382	236.9	751	751	611.4	1,346	1,320	1,012.5	1,596	1,538	1,090.9	937	865	436.5
Warren Division	113	115	60.2	280	279	186.1	511	509	284.5	670	654	320.9	327	309	106.6
Durham–Chapel Hill, NC	61	62	136.4	203	204	531.3	371	368	1,060.7	434	427	1,304.3	240	225	471.5
El Paso, TX	34	35	48.3	206	208	434.6	454	450	985.8	435	427	988.5	187	179	282.6
Fresno, CA	43	44	48.9	159	160	218.6	277	273	460.3	340	336	595.0	187	181	228.5
Grand Rapids–Wyoming, MI	19	19	28.6	91	91	156.0	203	202	389.3	215	209	362.6	95	92	116.5
Greensboro–High Point, NC	87	89	153.0	268	270	584.2	483	480	972.5	472	461	913.9	187	174	220.9
Greenville, SC	46	48	82.4	126	128	309.6	283	277	622.2	300	294	656.8	135	125	177.6
Harrisburg–Carlisle, PA	28	29	66.3	74	75	219.1	251	253	705.8	390	386	942.6	203	199	301.0
Hartford–West Hartford–East Hartford, CT	71	76	73.6	173	182	258.3	552	561	695.9	981	978	1,045.2	558	545	390.6
Honolulu, HI	24	—	—	117	—	—	329	—	—	521	—	—	360	—	—
Houston–Baytown–Sugar Land, TX	745	757	149.9	2,590	2,598	564.9	4,638	4,579	1,060.3	5,083	4,909	1,192.4	2,404	2,233	446.8
Indianapolis, IN	138	141	101.7	508	510	396.5	1,062	1,045	835.2	1,127	1,092	855.9	431	408	244.5
Jackson, MS	121	123	260.3	382	383	1,001.3	646	639	1,912.2	625	604	1,691.0	278	262	511.7
Jacksonville, FL	228	231	213.4	574	576	628.2	991	982	1,081.2	1,283	1,248	1,294.9	574	546	386.9
Kansas City, MO–KS	164	169	104.7	500	507	334.9	1,137	1,133	792.0	1,381	1,359	892.3	539	518	243.1
Knoxville, TN	19	19	31.1	98	99	244.8	299	299	646.3	293	290	580.6	133	130	153.8
Lakeland, FL	31	32	70.7	122	122	320.9	286	283	772.3	400	392	1,046.8	204	195	249.7
Lancaster, PA	18	18	43.0	45	46	146.2	148	148	473.7	179	179	485.7	83	81	133.2
Las Vegas–Paradise, NV	155	160	105.4	685	692	442.0	1,504	1,499	1,016.6	1,509	1,481	1,143.9	739	705	366.5
Little Rock–North Little Rock, AR	46	49	84.9	193	192	396.9	404	394	881.8	464	449	966.1	219	209	292.0
Los Angeles, CA	1,165	1,242	111.1	5,456	5,642	547.0	12,328	12,420	1,289.6	14,719	14,609	1,632.3	7,031	6,807	569.8
Los Angeles Division	1,025	1,098	127.1	4,722	4,901	612.4	10,706	10,808	1,471.7	12,740	12,674	1,885.8	6,098	5,911	660.8
Santa Ana Division	140	144	56.6	734	741	320.5	1,622	1,612	704.8	1,979	1,935	868.1	933	896	298.4
Louisville, KY–IN	115	117	121.5	325	325	367.5	598	593	687.4	826	809	853.3	311	295	213.1
Madison, WI	27	28	46.3	49	50	122.2	133	133	332.6	193	188	458.8	73	69	120.0
McAllen–Edinburg–Pharr, TX	32	33	47.0	159	159	312.0	213	211	471.4	173	169	474.5	66	62	110.1
Memphis, TN–MS–AR	325	334	300.6	875	886	1,007.7	1,413	1,412	1,626.3	1,397	1,384	1,560.2	647	631	512.3
Miami, FL	1,009	1,023	242.2	3,410	3,433	926.4	9,374	9,329	2,385.5	12,677	12,477	3,143.3	7,132	6,847	1,034.3
Fort Lauderdale Division	292	297	223.9	1,074	1,082	936.0	3,024	3,009	2,349.2	4,377	4,315	3,163.6	2,174	2,095	1,060.4
Miami Division	548	557	279.9	1,917	1,931	1,073.8	5,162	5,143	2,829.6	6,531	6,425	3,752.9	3,794	3,633	1,325.6
West Palm Beach Division	169	170	186.5	419	420	559.0	1,188	1,176	1,448.4	1,769	1,737	1,944.3	1,164	1,119	587.9
Milwaukee–Waukesha–West Allis, WI	112	115	89.9	290	293	269.9	618	609	598.6	808	789	675.2	331	313	188.0
Minneapolis–St. Paul–Bloomington, MN–WI	164	170	64.2	610	617	247.6	1,238	1,229	521.7	1,609	1,578	615.5	690	661	206.3
Modesto, CA	14	14	29.2	50	51	140.1	125	124	373.1	136	133	393.1	76	74	158.6

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Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Nashville–Davidson–Murfreesboro, TN	132	135	106.8	486	493	402.3	1,108	1,104	956.2	1,336	1,322	1,163.2	581	568	366.4
New Haven–Milford, CT	64	69	96.0	185	196	356.5	480	495	886.8	834	843	1,337.7	506	497	520.5
New Orleans–Metairie–Kenner, LA	211	215	230.7	756	754	919.3	1,427	1,391	1,895.7	1,989	1,906	2,163.2	1,030	955	724.6
New York, NY–NJ–PA	3,521	3,795	254.5	10,020	10,618	787.1	23,337	23,938	1,768.8	34,372	34,622	2,475.7	22,824	22,519	1,110.0
Edison Division	111	121	67.0	294	317	224.7	725	745	456.7	1,193	1,201	655.9	730	724	263.1
Nassau Division	167	191	79.7	373	422	273.0	875	942	482.5	1,427	1,482	624.0	935	948	275.3
New York–White Plains–Wayne Division	2,943	3,155	350.1	8,559	9,034	977.7	19,783	20,254	2,414.0	28,556	28,722	3,547.8	18,991	18,713	1,583.8
Newark Division	300	328	193.6	794	845	652.6	1,954	1,997	1,279.8	3,196	3,217	1,911.1	2,168	2,135	936.7
Ogden–Clearfield, UT	6	6	12.6	50	51	108.8	66	66	199.3	57	56	171.6	32	32	70.0
Oklahoma City, OK	87	88	80.3	283	283	304.9	616	605	784.5	664	635	768.5	252	235	186.7
Omaha–Council Bluffs, NE–IA	26	27	37.8	157	160	240.9	255	252	446.7	286	282	474.5	119	116	137.8
Orlando, FL	284	291	170.7	1,073	1,084	673.6	2,138	2,130	1,446.4	2,509	2,467	1,722.5	1,078	1,035	459.2
Oxnard–Thousand Oaks–Ventura, CA	21	22	30.2	78	79	151.6	171	170	307.0	282	279	454.2	118	115	135.0
Palm Bay–Melbourne–Titusville, FL	26	27	66.5	69	70	245.9	190	188	603.2	328	322	753.8	160	154	185.7
Philadelphia, PA–NJ–DE–MD	935	—	—	2,135	—	—	4,510	—	—	6,700	—	—	3,868	—	—
Camden Division	98	108	103.1	221	235	291.4	558	569	648.1	817	823	837.6	449	447	327.8
Philadelphia Division	772	786	235.4	1,747	1,762	660.8	3,583	3,570	1,360.6	5,219	5,141	1,749.9	3,092	2,977	683.4
Wilmington Division	65	—	—	167	—	—	369	—	—	664	—	—	327	—	—
Phoenix–Mesa–Scottsdale, AZ	249	255	70.3	1,153	1,165	317.8	2,405	2,398	743.0	2,720	2,682	956.1	1,180	1,147	270.7
Pittsburgh, PA	110	112	62.3	218	221	154.1	582	580	393.7	871	858	467.2	426	413	132.4
Portland–South Portland, ME	8	8	20.4	43	45	148.3	118	122	351.9	195	198	472.8	104	105	158.9
Portland–Vancouver–Beaverton, OR–WA	78	80	46.5	439	446	249.8	1,044	1,047	626.2	1,331	1,317	805.0	751	734	310.1
Poughkeepsie–Newburgh–Middletown, NY	43	49	74.0	84	95	257.1	323	342	685.1	731	754	1,349.2	459	463	645.2
Providence–New Bedford–Fall River, RI–MA	58	50	55.0	153	117	174.7	499	349	497.7	809	530	667.4	345	222	181.7
Provo–Orem, UT	4	4	4.9	17	17	49.1	34	34	108.2	29	28	116.3	22	22	66.6
Raleigh–Cary, NC	117	120	133.9	337	342	387.9	665	666	721.9	752	741	927.2	308	292	309.6
Richmond, VA	175	188	181.2	369	385	447.6	758	767	893.9	1,080	1,074	1,206.9	601	589	454.2
Riverside–San Bernardino–Ontario, CA	143	145	35.1	657	665	227.8	1,575	1,557	540.7	2,535	2,475	887.5	1,503	1,432	390.9
Rochester, NY	60	71	72.8	173	198	341.8	443	471	713.5	730	755	939.8	483	492	398.1
Sacramento–Arden–Arcade–Roseville, CA	92	95	50.1	318	323	217.9	673	671	467.3	1,038	1,025	675.1	559	545	245.2
St. Louis, MO–IL	271	279	120.5	779	779	412.4	1,432	1,416	769.7	1,771	1,717	786.9	784	745	238.1
Salt Lake City, UT	27	28	28.7	202	205	191.9	470	470	603.9	570	565	811.0	249	245	264.1
San Antonio, TX	155	161	87.0	673	678	460.9	1,153	1,142	826.7	1,240	1,206	891.4	508	479	242.6
San Diego–Carlsbad–San Marcos, CA	239	246	86.2	1,268	1,282	539.3	3,054	3,039	1,414.6	3,782	3,694	1,714.8	1,673	1,595	528.1
San Francisco, CA	325	339	109.1	1,730	1,778	517.0	5,352	5,387	1,577.0	8,081	8,009	2,447.4	5,385	5,228	1,096.2
Oakland Division	170	174	88.0	540	546	292.4	1,313	1,300	681.2	1,934	1,887	989.9	1,297	1,221	465.7
San Francisco Division	155	164	146.4	1,190	1,232	783.8	4,039	4,088	2,710.2	6,147	6,122	4,480.5	4,088	4,008	1,865.5

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Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
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		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
San Jose–Sunnyvale–Santa Clara, CA	51	53	37.4	321	326	214.3	738	738	476.7	936	923	661.4	456	442	249.6
San Juan–Caguas–Guaynabo, PR <sup>c</sup>	223	237	—	1,050	1,101	—	2,394	2,412	—	3,024	2,962	—	1,830	1,756	—
Scranton–Wilkes-Barre, PA	21	21	49.4	39	40	122.7	107	107	298.7	164	162	392.4	86	84	113.8
Seattle, WA	128	131	48.2	825	840	305.0	2,200	2,198	846.4	2,666	2,635	1,000.5	1,221	1,180	340.8
Seattle Division	101	104	52.3	726	739	339.7	1,976	1,975	960.7	2,405	2,378	1,162.4	1,122	1,086	407.9
Tacoma Division	27	28	37.4	99	101	174.5	224	223	411.7	261	257	436.8	99	94	117.3
Springfield, MA	42	—	—	99	—	—	285	—	—	444	—	—	218	—	—
Stockton, CA	31	32	47.7	101	102	217.1	278	275	600.6	282	278	616.2	139	134	220.1
Syracuse, NY	39	46	78.6	74	84	217.3	191	203	505.1	287	296	593.2	127	128	170.5
Tampa–St. Petersburg–Clearwater, FL	294	300	148.6	837	844	467.2	2,054	2,034	1,113.4	2,711	2,652	1,356.0	1,317	1,255	348.4
Toledo, OH	30	30	50.1	72	71	166.1	206	202	485.2	234	227	463.9	96	90	118.9
Tucson, AZ	26	27	32.0	153	155	209.4	413	413	677.1	677	667	999.0	370	361	288.0
Tulsa, OK	42	43	56.9	145	145	217.0	391	382	642.3	450	436	669.3	170	159	158.9
Virginia Beach–Norfolk–Newport News, VA–NC	271	290	176.5	683	711	603.2	1,172	1,181	1,080.6	1,464	1,451	1,261.2	725	704	431.6
Washington, DC–VA–MD–WV	813	—	—	2,609	—	—	5,561	—	—	7,322	—	—	4,218	—	—
Bethesda Division	65	—	—	281	—	—	577	—	—	736	—	—	451	—	—
Washington Division	748	—	—	2,328	—	—	4,984	—	—	6,586	—	—	3,767	—	—
Wichita, KS	28	29	56.7	81	82	186.0	197	195	506.5	204	200	450.9	90	85	133.4
Worcester, MA	31	—	—	65	—	—	240	—	—	406	—	—	190	—	—
Youngstown–Warren–Boardman, OH–PA	14	14	31.6	53	53	175.1	134	133	387.9	180	173	403.5	90	83	108.2
<b>Subtotal for MSAs (population ≥ 500,000)</b>	<b>20,218</b>	<b>19,326</b>	<b>124.6</b>	<b>66,989</b>	<b>63,538</b>	<b>470.2</b>	<b>148,075</b>	<b>137,026</b>	<b>1,043.3</b>	<b>194,920</b>	<b>175,282</b>	<b>1,313.2</b>	<b>104,753</b>	<b>91,902</b>	<b>481.0</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>2,736</b>	<b>2,714</b>	<b>53.4</b>	<b>8,713</b>	<b>8,363</b>	<b>239.0</b>	<b>18,542</b>	<b>17,215</b>	<b>505.5</b>	<b>23,644</b>	<b>21,606</b>	<b>580.1</b>	<b>11,935</b>	<b>10,604</b>	<b>172.4</b>
<b>Nonmetropolitan areas</b>	<b>1,397</b>	<b>1,415</b>	<b>33.8</b>	<b>5,012</b>	<b>5,006</b>	<b>169.9</b>	<b>11,496</b>	<b>11,190</b>	<b>370.2</b>	<b>14,578</b>	<b>13,882</b>	<b>394.5</b>	<b>7,193</b>	<b>6,626</b>	<b>104.4</b>
<b>Total<sup>d</sup></b>	<b>24,601</b>	<b>23,456</b>	<b>94.7</b>	<b>81,547</b>	<b>76,907</b>	<b>385.3</b>	<b>180,192</b>	<b>165,432</b>	<b>845.6</b>	<b>235,780</b>	<b>210,770</b>	<b>1,023.6</b>	<b>125,068</b>	<b>109,132</b>	<b>345.3</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection in the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> The 2009 post-censal estimates do not include population denominators by sex or age for Puerto Rico. Therefore, estimated rates were not calculated for San Juan-Caguas-Guaynabo, PR.

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 3a. Diagnoses of HIV infection among adult and adolescent females, by metropolitan statistical area of residence and age, 2010—United States and Puerto Rico**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Akron, OH	0	0	0.0	5	5	12.7	0	0	0.0	2	2	3.8	1	1	1.1
Albany–Schenectady–Troy, NY	4	5	6.8	3	4	8.2	4	5	9.1	6	8	11.6	5	7	5.4
Albuquerque, NM	2	2	3.2	1	1	1.8	1	1	2.0	1	1	1.7	2	2	2.0
Allentown–Bethlehem–Easton, PA–NJ	3	3	5.1	1	1	2.6	3	4	6.6	7	8	12.2	0	0	0.0
Atlanta–Sandy Springs–Marietta, GA	29	41	9.6	65	89	21.8	70	95	21.5	49	68	16.8	21	28	5.0
Augusta–Richmond County, GA–SC	3	4	8.1	2	3	8.6	11	16	46.1	8	10	24.3	2	3	3.5
Austin–Round Rock, TX	4	4	3.2	6	6	4.2	10	11	8.8	12	13	11.7	4	4	2.8
Bakersfield, CA	1	1	1.8	2	2	4.3	5	7	13.6	6	7	14.2	1	1	1.9
Baltimore–Towson, MD	37	—	—	53	—	—	86	—	—	77	—	—	29	—	—
Baton Rouge, LA	26	28	34.4	28	30	60.2	28	30	58.3	18	21	38.1	6	6	7.0
Birmingham–Hoover, AL	5	5	6.3	17	19	23.5	10	11	13.9	18	20	22.9	8	9	5.6
Boise City–Nampa, ID	1	1	2.3	1	1	2.3	2	2	5.3	1	1	2.7	0	0	0.0
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	15	—	—	26	—	—	33	—	—	31	—	—	17	—	—
Boston Division	7	—	—	11	—	—	18	—	—	15	—	—	13	—	—
Cambridge Division	5	—	—	9	—	—	11	—	—	8	—	—	2	—	—
Peabody Division	3	—	—	5	—	—	4	—	—	5	—	—	2	—	—
Bradenton–Sarasota–Venice, FL	2	2	5.7	5	5	17.1	2	2	5.7	5	5	11.2	5	5	3.5
Bridgeport–Stamford–Norwalk, CT	4	5	7.9	9	13	26.7	15	20	29.7	9	12	16.1	3	4	3.2
Buffalo–Niagara Falls, NY	4	5	5.6	12	16	23.4	13	17	23.8	10	13	14.5	3	4	2.2
Cape Coral–Fort Myers, FL	6	7	18.5	5	5	17.3	8	9	25.4	10	11	27.8	2	2	1.9
Charleston–North Charleston, SC	6	7	12.5	4	4	8.1	7	8	17.1	9	10	20.5	2	2	2.6
Charlotte–Gastonia–Concord, NC–SC	14	15	11.3	21	23	17.3	29	32	22.5	18	19	15.4	16	19	9.9
Chattanooga, TN–GA	4	4	11.0	4	5	13.9	1	1	3.0	3	3	7.9	2	2	2.8
Chicago, IL–IN–WI	30	36	4.6	56	67	9.8	60	71	10.5	35	41	5.8	31	39	3.4
Chicago Division	28	34	5.2	48	58	9.8	54	64	11.3	33	39	6.7	27	35	3.6
Gary Division	0	0	0.0	3	3	7.4	3	3	6.8	2	2	3.9	2	2	2.2
Lake Division	2	2	3.2	5	6	12.2	3	4	5.7	0	0	0.0	2	2	2.4
Cincinnati–Middletown, OH–KY–IN	16	17	10.1	11	12	7.7	13	14	9.3	10	11	6.3	3	5	1.6
Cleveland–Elyria–Mentor, OH	7	7	4.6	6	6	5.2	8	9	5.9	8	9	5.0	8	9	2.7
Colorado Springs, CO	1	1	2.0	1	1	2.8	2	2	5.0	0	0	0.0	0	0	0.0
Columbia, SC	8	9	13.6	10	11	20.2	8	9	16.3	10	11	19.3	5	5	5.7
Columbus, OH	7	7	5.3	19	20	13.7	13	14	10.9	5	5	4.1	1	1	0.5
Dallas, TX	60	65	12.7	82	89	18.0	71	76	16.0	51	57	12.9	25	27	4.3
Dallas Division	49	53	15.6	66	72	21.3	56	60	18.5	37	40	13.7	17	18	4.5
Fort Worth Division	11	12	6.9	16	17	11.1	15	16	10.7	14	17	11.4	8	9	4.0
Dayton, OH	2	2	3.0	4	4	8.4	4	4	8.1	4	4	6.8	0	0	0.0
Denver–Aurora, CO	3	3	1.8	20	22	11.4	10	11	5.8	5	5	2.8	3	3	1.1

**Table 3a. Diagnoses of HIV infection among adult and adolescent females, by metropolitan statistical area of residence and age, 2010—United States and Puerto Rico (cont)**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Des Moines, IA	1	1	2.8	3	3	7.3	1	1	2.7	2	2	5.2	0	0	0.0
Detroit, MI	17	18	5.4	31	33	12.1	32	34	10.7	18	19	5.5	8	10	1.6
Detroit Division	15	16	10.2	25	27	21.2	24	26	18.3	13	14	9.3	7	8	3.3
Warren Division	2	2	1.2	6	6	4.3	8	9	4.8	5	5	2.7	1	1	0.3
Durham–Chapel Hill, NC	5	6	13.5	8	9	22.3	5	5	15.4	7	7	20.7	7	8	12.8
El Paso, TX	0	0	0.0	5	5	10.8	0	0	0.0	4	4	8.9	2	2	2.7
Fresno, CA	2	3	3.1	4	5	7.4	5	6	11.2	2	2	4.1	1	1	1.2
Grand Rapids–Wyoming, MI	4	4	6.8	1	1	2.0	1	1	2.1	2	2	3.7	0	0	0.0
Greensboro–High Point, NC	4	4	7.6	6	6	13.5	10	11	21.4	8	9	16.4	4	4	4.4
Greenville, SC	1	1	2.0	3	3	8.1	5	6	12.5	2	2	4.7	2	2	2.5
Harrisburg–Carlisle, PA	2	2	5.2	4	4	12.8	3	3	9.2	2	2	5.3	0	0	0.0
Hartford–West Hartford–East Hartford, CT	1	2	1.5	13	18	26.1	11	15	18.0	9	13	13.2	6	7	4.3
Honolulu, HI	0	—	—	3	—	—	2	—	—	3	—	—	0	—	—
Houston–Baytown–Sugar Land, TX	49	53	11.2	117	127	29.1	99	106	25.1	73	79	19.2	20	22	3.8
Indianapolis, IN	5	5	4.1	16	18	13.7	19	21	16.4	6	6	4.9	2	2	1.0
Jackson, MS	3	3	7.0	13	14	34.2	16	17	47.0	9	10	24.3	2	2	3.3
Jacksonville, FL	23	25	23.8	36	39	41.0	31	34	36.2	21	23	22.1	9	10	5.9
Kansas City, MO–KS	3	3	2.2	11	12	7.9	7	8	5.3	10	11	6.8	3	3	1.3
Knoxville, TN	0	0	0.0	4	4	10.1	1	1	2.2	2	2	4.1	1	1	1.1
Lakeland, FL	5	5	12.6	7	8	21.1	13	14	39.3	4	4	11.6	4	4	4.6
Lancaster, PA	3	3	8.0	3	3	11.0	4	4	13.7	8	9	23.3	0	0	0.0
Las Vegas–Paradise, NV	8	9	6.1	12	13	9.2	15	16	12.1	10	11	8.7	11	12	5.6
Little Rock–North Little Rock, AR	3	3	5.7	2	2	4.3	4	4	9.2	2	2	4.3	1	1	1.2
Los Angeles, CA	24	34	3.2	62	82	8.5	56	77	8.2	69	94	10.5	29	38	2.6
Los Angeles Division	24	34	4.1	54	73	9.6	53	73	10.2	65	89	13.1	25	33	3.0
Santa Ana Division	0	0	0.0	8	10	4.5	3	4	1.6	4	5	2.2	4	5	1.4
Louisville, KY–IN	1	1	1.1	11	12	13.5	9	10	11.2	8	9	8.8	1	1	0.6
Madison, WI	0	0	0.0	2	2	5.4	0	0	0.0	3	3	7.9	0	0	0.0
McAllen–Edinburg–Pharr, TX	2	2	3.1	6	7	13.9	6	7	13.8	1	1	2.7	1	1	1.5
Memphis, TN–MS–AR	15	16	14.9	21	23	24.4	32	37	40.0	24	26	26.0	9	10	6.2
Miami, FL	91	99	24.7	144	157	44.4	151	165	41.6	134	146	35.1	86	93	11.2
Fort Lauderdale Division	29	32	25.0	51	55	47.7	53	59	43.7	41	45	31.8	23	25	10.1
Miami Division	48	52	27.5	66	73	42.8	70	76	42.1	68	74	40.4	45	48	13.8
West Palm Beach Division	14	15	17.7	27	29	42.9	28	30	36.9	25	27	29.7	18	20	8.4
Milwaukee–Waukesha–West Allis, WI	4	4	3.4	10	11	9.9	7	8	7.2	4	4	3.6	3	3	1.6
Minneapolis–St. Paul–Bloomington, MN–WI	9	10	3.7	18	19	8.0	14	16	7.0	13	14	5.6	6	7	1.8
Modesto, CA	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	2.1



**Table 3a. Diagnoses of HIV infection among adult and adolescent females, by metropolitan statistical area of residence and age, 2010—United States and Puerto Rico (cont)**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Nashville–Davidson–Murfreesboro, TN	4	4	3.5	21	23	18.4	16	17	15.0	8	9	7.3	4	4	2.3
New Haven–Milford, CT	4	5	7.7	9	12	21.1	8	10	16.4	5	7	10.3	0	0	0.0
New Orleans–Metairie–Kenner, LA	23	25	26.3	37	40	45.8	16	17	21.2	17	18	19.2	10	11	6.6
New York, NY–NJ–PA	181	238	16.4	243	316	23.6	299	390	28.0	270	353	24.1	177	231	8.8
Edison Division	5	9	5.2	10	17	12.8	10	16	9.5	7	11	6.0	3	5	1.4
Nassau Division	14	19	8.1	17	22	15.7	11	15	7.3	6	8	3.3	5	7	1.6
New York–White Plains–Wayne Division	128	155	17.5	187	230	24.4	233	288	32.9	230	291	33.8	147	183	11.6
Newark Division	34	55	34.2	29	47	38.2	45	73	45.1	27	43	24.3	22	37	13.1
Ogden–Clearfield, UT	0	0	0.0	0	0	0.0	1	1	3.3	0	0	0.0	0	0	0.0
Oklahoma City, OK	4	4	4.1	9	10	10.6	9	10	12.7	4	4	5.0	1	1	0.7
Omaha–Council Bluffs, NE–IA	4	4	6.4	6	7	10.3	4	4	7.8	2	2	3.5	1	1	1.0
Orlando, FL	15	16	10.0	26	28	18.4	40	44	30.1	36	39	26.6	29	32	11.8
Oxnard–Thousand Oaks–Ventura, CA	0	0	0.0	1	1	2.9	2	3	4.9	0	0	0.0	3	4	3.8
Palm Bay–Melbourne–Titusville, FL	3	3	9.1	2	2	8.1	6	6	20.1	6	7	14.9	4	4	4.4
Philadelphia, PA–NJ–DE–MD	43	—	—	75	—	—	80	—	—	86	—	—	34	—	—
Camden Division	5	9	8.9	9	15	18.6	7	11	12.3	8	13	12.4	4	7	4.0
Philadelphia Division	35	38	11.5	63	68	24.9	59	64	23.2	75	83	26.4	26	28	5.0
Wilmington Division	3	—	—	3	—	—	14	—	—	3	—	—	4	—	—
Phoenix–Mesa–Scottsdale, AZ	7	8	2.3	11	12	3.7	11	12	4.0	11	12	4.2	2	2	0.4
Pittsburgh, PA	1	1	0.6	6	7	4.7	3	3	2.1	5	5	2.9	0	0	0.0
Portland–South Portland, ME	0	0	0.0	2	2	8.1	3	4	10.8	0	0	0.0	0	0	0.0
Portland–Vancouver–Beaverton, OR–WA	4	4	2.7	6	6	3.7	5	5	3.3	0	0	0.0	3	4	1.6
Poughkeepsie–Newburgh–Middletown, NY	3	4	6.6	3	4	12.0	3	4	8.4	6	8	14.9	5	7	8.0
Providence–New Bedford–Fall River, RI–MA	11	11	12.0	3	4	6.2	2	3	3.5	9	8	9.2	8	7	4.4
Provo–Orem, UT	0	0	0.0	0	0	0.0	0	0	0.0	1	1	4.6	0	0	0.0
Raleigh–Cary, NC	4	4	5.1	7	8	8.8	8	9	9.4	13	14	17.2	6	7	5.8
Richmond, VA	11	13	13.3	15	18	21.5	11	13	14.6	10	12	12.0	8	10	5.8
Riverside–San Bernardino–Ontario, CA	9	11	2.8	12	15	5.5	17	21	7.4	14	17	6.2	4	5	1.1
Rochester, NY	3	4	4.3	4	5	9.2	3	4	5.8	6	8	9.6	2	3	1.7
Sacramento–Arden–Arcade–Roseville, CA	6	7	3.9	4	5	3.4	4	5	3.4	7	8	5.3	5	6	2.4
St. Louis, MO–IL	18	20	8.9	20	25	12.7	26	29	14.8	11	12	5.3	9	11	2.7
Salt Lake City, UT	0	0	0.0	3	3	3.2	3	3	4.5	0	0	0.0	1	1	1.0
San Antonio, TX	11	12	6.8	8	9	5.8	11	12	8.4	7	8	5.3	3	3	1.3
San Diego–Carlsbad–San Marcos, CA	4	5	1.9	15	18	8.2	11	14	6.7	10	12	5.7	4	5	1.4
San Francisco, CA	3	4	1.2	25	30	9.2	31	38	11.6	19	22	6.8	11	13	2.3
Oakland Division	1	1	0.7	13	16	8.8	19	24	12.6	3	4	1.8	6	7	2.3
San Francisco Division	2	2	2.2	12	14	9.7	12	14	10.3	16	19	14.5	5	6	2.3

**Table 3a. Diagnoses of HIV infection among adult and adolescent females, by metropolitan statistical area of residence and age, 2010—United States and Puerto Rico (cont)**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
San Jose–Sunnyvale–Santa Clara, CA	2	2	1.8	5	6	4.4	5	6	4.6	7	9	6.7	2	2	1.2
San Juan–Caguas–Guaynabo, PR <sup>c</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scranton–Wilkes-Barre, PA	1	1	2.6	2	2	6.8	2	2	6.0	2	4	9.7	0	0	0.0
Seattle, WA	12	13	5.2	14	15	5.8	15	16	6.5	11	12	4.5	3	3	0.8
Seattle Division	10	11	5.8	9	10	4.7	12	13	6.7	9	10	4.8	2	2	0.7
Tacoma Division	2	2	3.4	5	6	9.6	3	3	6.0	2	2	3.6	1	1	1.1
Springfield, MA	5	—	—	7	—	—	3	—	—	1	—	—	3	—	—
Stockton, CA	0	0	0.0	3	4	8.4	1	1	3.3	3	4	8.5	2	2	3.4
Syracuse, NY	1	1	2.3	1	1	3.4	1	1	3.2	3	4	7.7	4	5	5.9
Tampa–St. Petersburg–Clearwater, FL	21	23	11.8	24	27	15.1	35	39	21.2	37	40	19.6	15	16	3.7
Toledo, OH	1	1	1.8	2	3	7.7	5	5	12.4	0	0	0.0	0	0	0.0
Tucson, AZ	2	2	2.7	1	1	1.4	3	3	5.3	6	6	9.0	3	3	2.1
Tulsa, OK	3	3	4.5	3	3	5.0	3	3	5.4	0	0	0.0	1	1	0.9
Virginia Beach–Norfolk–Newport News, VA–NC	21	25	16.5	17	20	16.7	22	26	23.0	17	21	16.2	9	11	5.2
Washington, DC–VA–MD–WV	59	—	—	133	—	—	118	—	—	112	—	—	54	—	—
Bethesda Division	2	—	—	21	—	—	21	—	—	11	—	—	7	—	—
Washington Division	57	—	—	112	—	—	97	—	—	101	—	—	47	—	—
Wichita, KS	1	1	2.2	4	4	10.1	2	2	5.9	3	3	7.6	2	2	2.8
Worcester, MA	2	—	—	2	—	—	9	—	—	5	—	—	6	—	—
Youngstown–Warren–Boardman, OH–PA	1	1	2.5	2	2	7.1	1	1	3.1	0	0	0.0	0	0	0.0
<b>Subtotal for MSAs (population ≥ 500,000)</b>	<b>1,113</b>	<b>1,163</b>	<b>7.9</b>	<b>1,874</b>	<b>1,933</b>	<b>14.7</b>	<b>1,977</b>	<b>2,019</b>	<b>15.4</b>	<b>1,685</b>	<b>1,724</b>	<b>12.6</b>	<b>881</b>	<b>920</b>	<b>3.9</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>216</b>	<b>248</b>	<b>5.2</b>	<b>342</b>	<b>380</b>	<b>11.3</b>	<b>273</b>	<b>303</b>	<b>9.0</b>	<b>225</b>	<b>253</b>	<b>6.5</b>	<b>115</b>	<b>128</b>	<b>1.7</b>
<b>Nonmetropolitan areas</b>	<b>125</b>	<b>144</b>	<b>3.8</b>	<b>154</b>	<b>172</b>	<b>6.6</b>	<b>165</b>	<b>186</b>	<b>6.4</b>	<b>158</b>	<b>180</b>	<b>5.0</b>	<b>82</b>	<b>94</b>	<b>1.2</b>
<b>Total<sup>d</sup></b>	<b>1,465</b>	<b>1,554</b>	<b>6.6</b>	<b>2,396</b>	<b>2,486</b>	<b>13.0</b>	<b>2,434</b>	<b>2,507</b>	<b>13.0</b>	<b>2,091</b>	<b>2,157</b>	<b>10.2</b>	<b>1,082</b>	<b>1,141</b>	<b>3.0</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection in the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> Data are not presented for San Juan–Caguas–Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by sex or age for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 3b. Adult and adolescent females living with a diagnosis of HIV infection, by metropolitan statistical area of residence and age, year-end 2009—United States and Puerto Rico**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Akron, OH	7	7	11.7	26	26	61.4	49	47	99.8	42	40	71.7	19	18	17.4
Albany–Schenectady–Troy, NY	36	39	50.1	79	86	179.3	224	235	408.1	216	223	326.1	104	106	85.2
Albuquerque, NM	7	7	10.6	25	25	39.9	38	38	68.4	38	37	59.8	22	20	18.6
Allentown–Bethlehem–Easton, PA–NJ	23	23	36.7	79	80	176.3	171	172	302.9	181	179	275.9	63	62	50.3
Atlanta–Sandy Springs–Marietta, GA	266	278	64.8	903	926	228.3	1,523	1,539	348.2	1,575	1,578	389.6	777	768	137.1
Augusta–Richmond County, GA–SC	25	26	59.5	88	90	247.8	172	171	478.3	229	229	551.3	132	132	179.2
Austin–Round Rock, TX	30	31	22.6	134	133	86.5	201	199	161.9	187	182	165.9	94	91	59.5
Bakersfield, CA	13	13	17.9	25	25	48.7	54	54	112.2	50	47	93.1	21	20	26.4
Baltimore–Towson, MD	318	—	—	777	—	—	2,023	—	—	2,420	—	—	1,064	—	—
Baton Rouge, LA	132	131	161.3	479	471	940.3	409	388	753.9	334	313	560.9	152	139	150.7
Birmingham–Hoover, AL	40	40	47.1	200	202	245.4	300	298	382.8	239	233	272.9	123	118	75.0
Boise City–Nampa, ID	0	0	0.0	13	13	28.1	18	18	45.2	20	20	49.9	7	7	10.4
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	123	—	—	372	—	—	931	—	—	1,034	—	—	453	—	—
Boston Division	72	—	—	198	—	—	488	—	—	560	—	—	250	—	—
Cambridge Division	36	—	—	104	—	—	290	—	—	308	—	—	118	—	—
Peabody Division	15	—	—	62	—	—	131	—	—	141	—	—	77	—	—
Bradenton–Sarasota–Venice, FL	35	35	91.3	90	91	288.5	141	139	368.3	162	159	331.9	55	54	34.8
Bridgeport–Stamford–Norwalk, CT	24	26	36.7	92	98	204.3	279	288	428.1	339	337	452.0	194	195	158.3
Buffalo–Niagara Falls, NY	37	43	46.5	105	116	172.9	210	222	309.5	184	192	209.2	97	100	56.1
Cape Coral–Fort Myers, FL	31	31	88.7	97	97	308.7	169	169	499.5	165	161	406.8	78	75	66.4
Charleston–North Charleston, SC	29	29	54.3	75	75	139.0	197	195	440.5	207	202	422.9	97	95	113.9
Charlotte–Gastonia–Concord, NC–SC	84	85	63.7	270	269	205.8	617	611	435.5	516	499	395.5	231	220	113.6
Chattanooga, TN–GA	21	22	54.7	59	60	172.0	99	99	277.7	62	61	151.1	38	37	46.0
Chicago, IL–IN–WI	439	445	57.2	1,053	1,054	153.7	1,858	1,838	271.0	1,867	1,820	256.7	921	884	76.4
Chicago Division	412	417	64.4	977	978	164.7	1,731	1,713	302.2	1,718	1,674	287.5	863	828	86.0
Gary Division	21	21	37.7	41	40	90.9	89	87	184.3	88	86	153.7	23	21	22.3
Lake Division	6	6	8.3	35	36	74.8	38	38	58.9	61	61	85.6	35	35	35.3
Cincinnati–Middletown, OH–KY–IN	39	40	23.5	124	125	82.1	187	183	121.6	169	164	97.2	72	69	24.7
Cleveland–Elyria–Mentor, OH	42	42	26.2	144	144	117.8	308	302	210.5	280	271	158.4	122	115	35.9
Colorado Springs, CO	5	5	9.7	15	15	35.9	42	42	99.5	30	30	60.1	23	23	32.1
Columbia, SC	28	28	43.7	189	187	346.5	341	336	644.5	314	307	551.5	152	146	154.0
Columbus, OH	56	56	40.3	165	165	110.3	298	294	230.7	205	200	154.4	81	76	36.4
Dallas, TX	256	259	50.8	864	863	174.5	1,268	1,251	262.2	974	949	214.2	462	442	70.9
Dallas Division	203	206	60.7	662	661	195.9	964	952	292.8	709	691	235.7	345	329	80.9
Fort Worth Division	53	53	31.2	202	202	128.6	304	299	196.8	265	258	172.1	117	112	52.1
Dayton, OH	18	19	26.2	63	63	123.7	95	94	176.0	67	64	100.6	28	27	21.1
Denver–Aurora, CO	26	26	14.4	123	124	62.9	286	286	154.0	262	261	138.9	124	122	42.5

**Table 3b. Adult and adolescent females living with a diagnosis of HIV infection, by metropolitan statistical area of residence and age, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Des Moines, IA	5	5	12.0	30	30	67.5	30	29	72.4	15	15	36.2	10	10	14.2
Detroit, MI	115	116	34.0	355	351	127.8	676	664	207.4	684	653	183.5	396	366	60.8
Detroit Division	99	100	62.9	265	261	206.9	555	544	388.8	572	545	363.4	342	314	121.7
Warren Division	16	16	8.9	90	90	60.7	121	119	66.2	112	108	52.3	54	52	15.1
Durham–Chapel Hill, NC	24	24	51.3	88	89	229.6	178	176	501.0	173	170	469.9	80	77	126.9
El Paso, TX	13	13	19.2	45	45	89.0	61	60	119.8	51	50	100.9	32	30	36.3
Fresno, CA	11	11	13.0	43	43	64.8	80	81	146.4	88	87	153.5	49	46	49.4
Grand Rapids–Wyoming, MI	14	14	22.4	49	49	87.8	70	70	139.0	45	43	74.0	14	13	14.3
Greensboro–High Point, NC	32	32	55.4	113	114	236.6	217	212	417.8	178	173	326.8	61	58	58.3
Greenville, SC	13	13	24.4	58	58	147.6	93	92	206.8	96	92	197.9	37	35	41.1
Harrisburg–Carlisle, PA	12	12	28.8	42	42	124.3	129	129	363.0	100	100	236.8	50	49	60.4
Hartford–West Hartford–East Hartford, CT	36	37	36.7	111	115	169.5	376	382	460.1	448	449	462.7	204	204	117.1
Honolulu, HI	9	—	—	33	—	—	69	—	—	61	—	—	45	—	—
Houston–Baytown–Sugar Land, TX	345	348	73.0	1,406	1,398	321.6	1,881	1,845	436.1	1,355	1,308	317.3	625	587	102.3
Indianapolis, IN	46	46	34.5	162	163	125.6	227	223	177.4	204	199	152.9	73	68	33.1
Jackson, MS	40	40	86.5	215	215	525.6	338	333	901.7	259	253	634.5	98	91	135.7
Jacksonville, FL	136	138	132.4	496	496	518.3	627	622	663.0	579	567	552.3	223	209	123.1
Kansas City, MO–KS	38	40	25.8	152	154	102.4	225	225	157.8	194	191	121.1	83	81	31.3
Knoxville, TN	11	11	18.5	47	48	113.5	59	59	124.5	57	56	106.9	23	23	21.8
Lakeland, FL	36	36	84.8	117	116	327.3	210	208	579.6	167	164	424.9	75	73	78.8
Lancaster, PA	8	8	19.7	31	31	99.9	88	88	276.9	76	75	200.8	48	47	63.9
Las Vegas–Paradise, NV	35	36	25.7	150	150	104.8	312	309	230.7	284	278	225.3	156	152	71.7
Little Rock–North Little Rock, AR	22	22	38.4	65	65	129.4	113	109	235.5	106	103	208.2	33	31	34.8
Los Angeles, CA	286	294	27.7	938	959	99.3	1,677	1,680	179.4	1,671	1,652	183.6	932	905	61.7
Los Angeles Division	260	268	32.5	801	823	109.2	1,439	1,444	201.4	1,408	1,395	204.7	797	774	69.8
Santa Ana Division	26	26	11.0	137	137	64.2	238	235	107.4	263	257	117.8	135	131	36.6
Louisville, KY–IN	26	26	28.0	107	108	121.3	176	175	200.9	166	161	163.2	68	66	38.5
Madison, WI	9	9	15.4	25	25	64.1	31	30	79.7	42	42	101.4	17	17	25.4
McAllen–Edinburg–Pharr, TX	21	21	30.6	39	39	73.9	54	54	113.5	39	38	97.8	20	19	27.9
Memphis, TN–MS–AR	137	140	128.0	609	611	657.8	731	730	781.2	493	492	494.9	237	233	149.3
Miami, FL	809	811	202.2	2,534	2,527	712.7	4,482	4,429	1,117.3	4,745	4,652	1,120.7	2,544	2,449	295.0
Fort Lauderdale Division	248	248	196.5	902	903	777.9	1,521	1,505	1,125.2	1,534	1,507	1,076.0	685	658	266.8
Miami Division	416	418	220.3	1,111	1,105	648.4	2,036	2,011	1,111.1	2,359	2,311	1,263.1	1,364	1,314	374.0
West Palm Beach Division	145	145	170.3	521	518	762.9	925	913	1,118.1	852	833	905.6	495	478	205.6
Milwaukee–Waukesha–West Allis, WI	25	25	20.2	97	97	89.3	217	215	206.2	198	193	160.6	81	78	37.9
Minneapolis–St. Paul–Bloomington, MN–WI	84	84	32.9	314	317	130.7	426	424	183.2	303	297	117.2	130	123	32.9
Modesto, CA	3	3	6.7	16	16	46.5	32	32	95.5	35	35	100.1	16	16	28.4

**Table 3b. Adult and adolescent females living with a diagnosis of HIV infection, by metropolitan statistical area of residence and age, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Nashville–Davidson–Murfreesboro, TN	36	36	29.9	192	192	156.7	370	369	319.2	326	323	271.6	126	124	66.9
New Haven–Milford, CT	33	35	49.9	105	109	199.3	343	351	598.5	441	443	667.9	205	204	167.0
New Orleans–Metairie–Kenner, LA	135	135	144.6	574	568	655.1	733	715	891.4	538	516	542.9	201	184	113.9
New York, NY–NJ–PA	2,150	2,234	153.7	4,669	4,850	361.0	12,182	12,406	889.5	16,528	16,619	1,133.4	8,831	8,771	335.2
Edison Division	87	90	52.0	158	165	122.1	492	499	307.2	668	669	359.4	307	306	89.0
Nassau Division	113	123	53.4	181	199	139.3	497	528	265.5	697	716	293.8	406	420	100.1
New York–White Plains–Wayne Division	1,742	1,803	203.1	3,781	3,915	415.4	9,607	9,768	1,119.5	13,078	13,140	1,526.7	7,125	7,066	449.7
Newark Division	208	218	134.5	549	572	463.1	1,586	1,611	1,000.9	2,085	2,094	1,192.5	993	979	346.6
Ogden–Clearfield, UT	0	0	0.0	7	7	15.4	10	10	30.9	16	16	50.0	1	1	1.8
Oklahoma City, OK	17	17	16.6	89	90	97.9	116	115	149.8	111	107	123.1	32	31	20.2
Omaha–Council Bluffs, NE–IA	16	16	24.0	75	76	117.2	120	121	217.9	71	70	114.8	19	17	17.1
Orlando, FL	119	119	73.6	398	395	256.0	779	772	534.1	703	693	468.9	382	370	137.9
Oxnard–Thousand Oaks–Ventura, CA	7	6	9.2	14	14	30.8	31	31	58.6	45	45	72.1	27	27	26.9
Palm Bay–Melbourne–Titusville, FL	16	16	44.7	65	64	231.4	131	130	406.4	122	119	269.9	63	61	63.2
Philadelphia, PA–NJ–DE–MD	398	—	—	1,105	—	—	2,443	—	—	2,618	—	—	1,102	—	—
Camden Division	25	27	27.3	81	85	108.4	228	233	257.3	284	284	279.8	128	129	75.5
Philadelphia Division	337	341	103.7	906	906	330.2	1,981	1,966	710.2	2,015	1,974	630.7	844	817	145.1
Wilmington Division	36	—	—	118	—	—	234	—	—	319	—	—	130	—	—
Phoenix–Mesa–Scottsdale, AZ	54	54	16.4	226	226	69.8	393	393	133.5	323	320	115.3	162	158	31.9
Pittsburgh, PA	25	25	14.6	75	75	53.3	195	193	127.7	184	182	95.1	90	88	21.8
Portland–South Portland, ME	4	4	11.0	19	20	66.1	25	26	71.9	32	32	73.2	14	14	18.0
Portland–Vancouver–Beaverton, OR–WA	24	24	14.9	89	89	50.2	146	146	90.9	132	131	79.9	71	68	24.9
Poughkeepsie–Newburgh–Middletown, NY	28	31	51.1	58	63	191.1	130	136	283.0	235	243	447.9	95	98	117.8
Providence–New Bedford–Fall River, RI–MA	27	18	20.2	107	78	119.9	285	168	231.5	315	183	218.5	115	69	44.7
Provo–Orem, UT	1	1	1.3	4	4	10.6	8	8	27.1	4	4	16.5	1	1	2.6
Raleigh–Cary, NC	29	29	34.1	127	128	147.4	265	264	287.2	261	256	308.9	120	116	103.1
Richmond, VA	42	44	44.2	161	166	199.9	315	319	358.3	359	357	361.1	213	211	127.9
Riverside–San Bernardino–Ontario, CA	40	41	10.5	196	195	71.2	345	336	120.6	339	327	117.3	153	148	34.2
Rochester, NY	27	30	32.2	85	92	163.9	303	316	462.9	426	438	522.9	188	195	129.7
Sacramento–Arden–Arcade–Roseville, CA	22	22	12.2	72	73	50.4	172	170	119.7	200	198	124.8	100	99	37.1
St. Louis, MO–IL	67	68	30.3	322	320	164.5	403	398	205.9	280	270	118.5	105	99	25.2
Salt Lake City, UT	4	4	4.5	67	67	67.3	95	95	132.1	61	59	86.9	33	33	31.0
San Antonio, TX	54	55	31.0	150	151	102.0	207	203	143.4	195	190	134.0	90	87	35.7
San Diego–Carlsbad–San Marcos, CA	53	53	21.3	175	175	77.6	335	332	163.9	334	327	151.7	192	184	50.8
San Francisco, CA	95	97	33.0	297	302	94.1	644	636	195.3	835	819	251.8	506	481	84.5
Oakland Division	58	59	31.2	163	164	93.0	354	346	181.9	426	411	208.6	247	231	73.2
San Francisco Division	37	38	36.2	134	137	95.4	290	291	214.1	409	408	318.0	259	250	98.6

**Table 3b. Adult and adolescent females living with a diagnosis of HIV infection, by metropolitan statistical area of residence and age, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
San Jose–Sunnyvale–Santa Clara, CA	19	19	14.4	68	69	51.3	120	120	87.8	109	108	84.4	74	73	35.9
San Juan–Caguas–Guaynabo, PR <sup>c</sup>	167	176	—	543	559	—	1,143	1,148	—	1,375	1,359	—	782	773	—
Scranton–Wilkes-Barre, PA	16	16	39.4	34	34	110.5	49	49	140.8	41	40	97.5	19	19	19.6
Seattle, WA	41	42	16.5	189	191	71.8	333	333	133.4	307	303	116.0	135	131	32.9
Seattle Division	34	35	18.6	145	146	70.0	265	265	135.6	236	232	115.3	104	102	33.3
Tacoma Division	7	7	10.7	44	45	78.4	68	68	125.4	71	70	118.5	31	29	31.4
Springfield, MA	28	—	—	71	—	—	213	—	—	235	—	—	87	—	—
Stockton, CA	15	15	25.3	21	21	48.3	65	65	143.7	76	76	164.6	43	42	58.4
Syracuse, NY	14	15	25.7	55	59	150.3	86	91	217.8	127	131	253.5	47	47	52.0
Tampa–St. Petersburg–Clearwater, FL	164	166	86.3	479	477	270.4	800	791	431.0	844	828	402.5	394	381	85.8
Toledo, OH	16	16	26.8	62	61	143.3	109	108	249.5	59	57	111.8	17	17	17.7
Tucson, AZ	24	24	30.6	36	36	49.4	66	65	106.9	85	83	117.7	40	39	25.9
Tulsa, OK	18	18	25.2	42	42	65.2	87	86	144.0	53	51	75.5	14	12	9.8
Virginia Beach–Norfolk–Newport News, VA–NC	97	102	68.7	299	307	256.8	515	520	465.9	535	531	420.0	224	218	105.4
Washington, DC–VA–MD–WV	368	—	—	1,580	—	—	2,856	—	—	2,724	—	—	1,366	—	—
Bethesda Division	51	—	—	264	—	—	445	—	—	361	—	—	175	—	—
Washington Division	317	—	—	1,316	—	—	2,411	—	—	2,363	—	—	1,191	—	—
Wichita, KS	9	9	18.9	42	43	98.0	44	44	118.4	32	31	71.4	15	14	19.0
Worcester, MA	22	—	—	67	—	—	162	—	—	204	—	—	76	—	—
Youngstown–Warren–Boardman, OH–PA	10	10	23.9	24	24	82.2	48	47	135.9	60	59	129.8	23	20	20.4
<b>Subtotal for MSAs (population ≥ 500,000)</b>	<b>9,142</b>	<b>8,418</b>	<b>56.9</b>	<b>28,350</b>	<b>25,596</b>	<b>195.2</b>	<b>54,613</b>	<b>48,015</b>	<b>367.3</b>	<b>58,180</b>	<b>50,551</b>	<b>368.3</b>	<b>28,859</b>	<b>24,984</b>	<b>106.9</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>1,271</b>	<b>1,217</b>	<b>25.3</b>	<b>4,439</b>	<b>4,260</b>	<b>126.6</b>	<b>7,418</b>	<b>6,889</b>	<b>205.0</b>	<b>6,992</b>	<b>6,324</b>	<b>163.5</b>	<b>3,262</b>	<b>2,869</b>	<b>38.8</b>
<b>Nonmetropolitan areas</b>	<b>854</b>	<b>853</b>	<b>22.3</b>	<b>2,925</b>	<b>2,898</b>	<b>110.8</b>	<b>4,514</b>	<b>4,376</b>	<b>150.6</b>	<b>4,086</b>	<b>3,885</b>	<b>108.6</b>	<b>1,956</b>	<b>1,857</b>	<b>24.7</b>
<b>Total<sup>d</sup></b>	<b>11,379</b>	<b>10,488</b>	<b>44.8</b>	<b>36,009</b>	<b>32,753</b>	<b>171.5</b>	<b>67,179</b>	<b>59,280</b>	<b>306.5</b>	<b>69,914</b>	<b>60,760</b>	<b>287.0</b>	<b>34,371</b>	<b>29,709</b>	<b>77.6</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection in the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> The 2009 post-censal estimates do not include population denominators by sex or age for Puerto Rico. Therefore, estimated rates were not calculated for San Juan-Caguas-Guaynabo, PR.

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 4a. Diagnoses of HIV infection among adult and adolescent males, by metropolitan statistical area of residence and race/ethnicity, 2010—United States and Puerto Rico**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Akron, OH	0	0	0.0	1	1	22.2	10	11	35.5	0	0	0.0	13	14	5.8
Albany–Schenectady–Troy, NY	0	0	0.0	1	1	12.5	20	26	113.3	6	8	71.4	25	33	10.9
Albuquerque, NM	3	3	18.5	0	0	0.0	4	4	44.2	40	44	29.2	15	16	10.4
Allentown–Bethlehem–Easton, PA–NJ	0	0	0.0	1	2	19.7	4	4	33.0	17	19	53.2	27	30	10.9
Atlanta–Sandy Springs–Marietta, GA	1	1	24.9	8	11	11.9	712	992	158.4	68	93	42.5	157	221	18.6
Augusta–Richmond County, GA–SC	0	0	0.0	0	0	0.0	46	65	94.6	3	4	66.5	14	23	17.9
Austin–Round Rock, TX	0	0	0.0	2	2	7.0	39	42	86.7	62	67	32.5	97	108	26.5
Bakersfield, CA	0	0	0.0	0	0	0.0	20	25	117.0	46	56	37.9	27	33	23.9
Baltimore–Towson, MD	3	—	—	3	—	—	419	—	—	19	—	—	70	—	—
Baton Rouge, LA	0	0	0.0	0	0	0.0	173	185	178.6	3	3	32.6	28	30	15.5
Birmingham–Hoover, AL	0	0	0.0	0	0	0.0	120	131	114.4	1	1	6.8	37	41	13.3
Boise City–Nampa, ID	0	0	0.0	0	0	0.0	1	1	49.3	1	1	3.9	18	20	9.7
Boston–Cambridge–Quincy, MA–NH <sup>d</sup>	0	—	—	16	—	—	76	—	—	83	—	—	134	—	—
Boston Division	0	—	—	5	—	—	49	—	—	39	—	—	66	—	—
Cambridge Division	0	—	—	9	—	—	19	—	—	26	—	—	34	—	—
Peabody Division	0	—	—	2	—	—	8	—	—	16	—	—	17	—	—
Bradenton–Sarasota–Venice, FL	0	0	0.0	0	0	0.0	23	25	155.3	6	7	23.1	37	40	17.1
Bridgeport–Stamford–Norwalk, CT	0	0	0.0	0	0	0.0	25	33	101.9	28	37	64.5	14	18	7.2
Buffalo–Niagara Falls, NY	0	0	0.0	3	4	49.9	38	51	103.4	11	15	97.8	30	41	10.8
Cape Coral–Fort Myers, FL	0	0	0.0	0	0	0.0	24	26	167.4	10	11	26.2	24	26	14.3
Charleston–North Charleston, SC	0	0	0.0	1	1	25.5	70	77	110.2	6	7	70.7	15	16	9.2
Charlotte–Gastonia–Concord, NC–SC	0	0	0.0	1	1	5.6	214	243	168.1	19	20	33.7	69	78	17.5
Chattanooga, TN–GA	1	1	152.4	0	0	0.0	14	15	57.4	4	6	119.4	21	26	15.2
Chicago, IL–IN–WI	2	3	39.8	14	17	8.3	467	575	95.5	189	230	31.5	290	352	15.7
Chicago Division	2	3	51.1	13	16	8.6	423	522	97.3	171	208	32.5	259	317	17.6
Gary Division	0	0	0.0	1	1	37.5	24	28	61.1	2	2	6.5	19	21	10.7
Lake Division	0	0	0.0	0	0	0.0	20	26	121.3	16	20	34.1	12	14	5.7
Cincinnati–Middletown, OH–KY–IN	0	0	0.0	1	1	7.2	91	98	103.4	5	5	31.6	74	81	11.0
Cleveland–Elyria–Mentor, OH	0	0	0.0	1	1	6.9	97	105	72.4	10	11	31.3	67	72	11.5
Colorado Springs, CO	1	1	52.7	0	0	0.0	7	8	48.0	5	5	17.8	18	20	10.3
Columbia, SC	0	0	0.0	1	1	21.7	123	135	147.0	5	6	44.3	37	40	22.1
Columbus, OH	0	0	0.0	1	1	5.0	105	114	120.9	13	14	59.8	146	157	27.3
Dallas, TX	1	1	9.0	13	14	11.9	427	467	142.8	256	281	39.6	339	367	27.0
Dallas Division	1	1	14.3	12	13	14.7	350	382	163.7	219	238	46.7	274	297	34.4
Fort Worth Division	0	0	0.0	1	1	3.6	77	85	90.6	37	43	21.5	65	70	14.1
Dayton, OH	0	0	0.0	0	0	0.0	41	46	102.8	0	0	0.0	34	36	13.1
Denver–Aurora, CO	1	1	16.9	8	9	26.4	48	53	98.7	60	66	30.2	160	175	24.6

**Table 4a. Diagnoses of HIV infection among adult and adolescent males, by metropolitan statistical area of residence and race/ethnicity, 2010—United States and Puerto Rico (cont)**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Des Moines, IA	0	0	0.0	1	1	20.6	3	3	38.6	1	1	8.2	26	28	14.7
Detroit, MI	0	0	0.0	0	0	0.0	267	285	78.2	20	21	33.4	111	118	9.4
Detroit Division	0	0	0.0	0	0	0.0	218	233	82.8	8	9	22.3	37	39	9.8
Warren Division	0	0	0.0	0	0	0.0	49	53	62.8	12	13	50.6	74	79	9.2
Durham–Chapel Hill, NC	0	0	0.0	0	0	0.0	44	48	96.4	10	11	51.9	22	24	20.4
El Paso, TX	0	0	0.0	0	0	0.0	8	9	101.9	93	102	47.7	9	10	22.2
Fresno, CA	1	1	44.7	2	3	8.3	11	13	73.1	32	39	22.6	35	42	31.5
Grand Rapids–Wyoming, MI	0	0	0.0	0	0	0.0	5	5	24.3	8	9	34.8	17	18	7.0
Greensboro–High Point, NC	0	0	0.0	0	0	0.0	67	73	112.6	5	6	27.7	24	26	13.9
Greenville, SC	0	0	0.0	1	1	25.4	31	34	85.4	4	4	24.4	18	19	10.0
Harrisburg–Carlisle, PA	0	0	0.0	1	1	23.3	15	16	79.8	7	8	89.5	19	20	11.1
Hartford–West Hartford–East Hartford, CT	0	0	0.0	1	1	9.0	38	49	104.1	28	34	66.8	57	68	18.5
Honolulu, HI	0	—	—	14	—	—	4	—	—	1	—	—	20	—	—
Houston–Baytown–Sugar Land, TX	0	0	0.0	19	21	15.3	494	539	151.6	332	366	47.5	218	236	23.2
Indianapolis, IN	0	0	0.0	1	1	8.7	106	117	128.0	15	16	48.2	73	79	14.6
Jackson, MS	0	0	0.0	0	0	0.0	108	119	131.8	3	5	116.7	9	10	9.0
Jacksonville, FL	0	0	0.0	1	1	7.2	134	147	138.9	14	15	47.7	76	83	22.6
Kansas City, MO–KS	1	1	28.1	3	3	19.6	72	80	88.8	14	15	26.1	94	103	16.0
Knoxville, TN	0	0	0.0	1	1	25.3	6	6	37.5	1	1	17.3	28	30	12.0
Lakeland, FL	0	0	0.0	0	0	0.0	42	46	152.4	6	7	17.4	28	30	18.8
Lancaster, PA	0	0	0.0	0	0	0.0	5	6	92.5	10	11	79.0	13	14	7.8
Las Vegas–Paradise, NV	1	1	25.0	18	21	38.1	68	74	104.0	91	100	46.7	110	122	29.4
Little Rock–North Little Rock, AR	0	0	0.0	0	0	0.0	34	38	68.6	2	2	21.4	40	45	22.6
Los Angeles, CA	4	5	37.2	95	129	17.9	447	610	177.3	913	1,232	55.5	600	812	44.6
Los Angeles Division	4	5	51.2	72	99	19.1	432	592	183.3	786	1,076	59.1	494	680	55.3
Santa Ana Division	0	0	0.0	23	30	14.8	15	19	87.2	127	156	39.1	106	132	22.3
Louisville, KY–IN	0	0	0.0	3	3	48.6	70	77	126.1	7	8	48.8	58	64	15.4
Madison, WI	0	0	0.0	1	1	12.0	4	4	46.8	4	4	40.8	22	24	11.7
McAllen–Edinburg–Pharr, TX	0	0	0.0	0	0	0.0	0	0	0.0	60	66	29.2	9	10	37.3
Memphis, TN–MS–AR	0	0	0.0	0	0	0.0	247	273	131.2	11	12	53.6	32	37	14.7
Miami, FL	2	2	53.5	14	15	31.5	774	842	212.9	649	708	78.4	463	515	58.9
Fort Lauderdale Division	2	2	123.0	4	4	19.9	283	307	195.1	119	130	74.7	280	313	89.8
Miami Division	0	0	0.0	7	8	50.7	378	412	253.2	486	530	83.8	122	134	71.1
West Palm Beach Division	0	0	0.0	3	3	28.3	113	123	162.9	44	48	49.5	61	68	20.2
Milwaukee–Waukesha–West Allis, WI	1	1	36.8	4	4	27.0	78	86	102.0	11	12	23.6	39	42	9.2
Minneapolis–St. Paul–Bloomington, MN–WI	7	8	87.7	5	5	8.6	74	85	103.1	26	28	46.8	126	138	12.6
Modesto, CA	0	0	0.0	0	0	0.0	3	4	64.3	9	11	14.0	4	5	4.9



**Table 4a. Diagnoses of HIV infection among adult and adolescent males, by metropolitan statistical area of residence and race/ethnicity, 2010—United States and Puerto Rico (cont)**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Nashville–Davidson–Murfreesboro, TN	0	0	0.0	3	3	25.6	125	138	155.3	21	25	66.0	96	104	21.4
New Haven–Milford, CT	0	0	0.0	0	0	0.0	33	43	113.1	15	21	49.3	27	35	14.3
New Orleans–Metairie–Kenner, LA	0	0	0.0	4	4	34.0	200	215	147.3	10	12	37.7	83	89	32.8
New York, NY–NJ–PA	1	1	9.2	80	107	14.7	1,485	1,951	168.0	1,102	1,435	89.0	757	1,019	25.3
Edison Division	0	0	0.0	7	12	12.3	48	79	120.6	40	65	58.6	46	79	11.9
Nassau Division	0	0	0.0	6	8	13.3	58	77	80.3	54	75	49.9	75	101	11.8
New York–White Plains–Wayne Division	1	1	13.1	62	79	15.0	1,169	1,445	172.3	936	1,178	97.6	570	722	35.7
Newark Division	0	0	0.0	5	8	18.3	210	350	216.2	72	118	81.4	66	117	23.7
Ogden–Clearfield, UT	0	0	0.0	0	0	0.0	1	1	41.0	4	4	19.3	6	6	3.7
Oklahoma City, OK	3	3	18.0	2	2	15.7	35	39	80.5	11	12	25.7	62	68	19.5
Omaha–Council Bluffs, NE–IA	0	0	0.0	1	1	18.6	20	22	90.8	4	4	17.0	38	43	15.7
Orlando, FL	0	0	0.0	3	3	10.9	170	186	163.9	151	167	85.0	150	164	33.1
Oxnard–Thousand Oaks–Ventura, CA	0	0	0.0	1	1	6.4	2	3	41.3	10	12	10.3	16	19	11.1
Palm Bay–Melbourne–Titusville, FL	0	0	0.0	0	0	0.0	19	21	103.9	4	5	32.6	31	34	18.5
Philadelphia, PA–NJ–DE–MD	2	—	—	10	—	—	499	—	—	133	—	—	215	—	—
Camden Division	0	0	0.0	1	2	8.3	32	56	72.7	19	33	83.4	37	60	16.4
Philadelphia Division	2	2	85.8	9	10	12.8	411	450	144.6	109	119	117.2	159	178	16.4
Wilmington Division	0	—	—	0	—	—	56	—	—	5	—	—	19	—	—
Phoenix–Mesa–Scottsdale, AZ	18	19	64.1	6	6	13.5	32	34	45.2	137	147	27.9	214	232	22.0
Pittsburgh, PA	0	0	0.0	0	0	0.0	67	73	104.3	1	1	10.1	65	71	8.2
Portland–South Portland, ME	0	0	0.0	1	1	44.5	7	8	258.4	0	0	0.0	17	20	10.0
Portland–Vancouver–Beaverton, OR–WA	2	2	31.1	5	5	11.6	9	10	39.1	30	32	35.5	127	140	19.3
Poughkeepsie–Newburgh–Middletown, NY	0	0	0.0	0	0	0.0	24	32	114.6	12	16	42.1	14	19	9.3
Providence–New Bedford–Fall River, RI–MA	0	0	0.0	2	3	26.4	18	17	79.2	29	32	66.4	66	61	17.6
Provo–Orem, UT	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	5	6	3.2
Raleigh–Cary, NC	0	0	0.0	1	1	6.2	84	91	112.4	14	15	37.9	51	55	18.5
Richmond, VA	0	0	0.0	2	2	18.1	115	139	99.9	5	6	26.4	38	45	14.4
Riverside–San Bernardino–Ontario, CA	0	0	0.0	7	9	9.6	55	66	55.0	113	137	19.1	135	167	24.8
Rochester, NY	0	0	0.0	2	3	29.7	51	67	160.7	8	11	52.0	36	48	13.7
Sacramento–Arden–Arcade–Roseville, CA	1	1	17.7	6	7	7.7	45	55	93.4	27	34	21.8	84	103	20.0
St. Louis, MO–IL	1	1	37.3	3	3	16.9	180	205	113.7	9	10	40.3	99	109	12.2
Salt Lake City, UT	0	0	0.0	0	0	0.0	2	2	34.1	14	15	22.3	34	37	10.7
San Antonio, TX	1	1	34.7	5	5	40.2	29	31	63.9	140	153	37.0	57	64	20.2
San Diego–Carlsbad–San Marcos, CA	7	8	119.7	21	26	21.4	57	71	110.3	182	223	62.8	200	243	35.8
San Francisco, CA	4	5	80.2	68	79	20.5	179	214	150.4	171	202	55.8	340	402	47.2
Oakland Division	0	0	0.0	17	20	9.9	114	139	130.3	53	65	29.0	92	112	24.6
San Francisco Division	4	5	225.5	51	59	32.7	65	75	210.7	118	137	99.4	248	290	73.1

**Table 4a. Diagnoses of HIV infection among adult and adolescent males, by metropolitan statistical area of residence and race/ethnicity, 2010—United States and Puerto Rico (cont)**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
San Jose—Sunnyvale—Santa Clara, CA	1	1	53.4	16	19	8.6	7	10	49.8	49	62	30.9	49	61	20.2
San Juan—Caguas—Guaynabo, PR <sup>e</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scranton—Wilkes-Barre, PA	0	0	0.0	0	0	0.0	5	6	85.0	4	4	52.8	14	15	7.2
Seattle, WA	2	2	15.3	17	18	12.8	40	43	54.8	65	70	66.2	213	234	22.8
Seattle Division	2	2	21.6	17	18	14.4	30	33	58.7	52	56	68.2	191	210	26.8
Tacoma Division	0	0	0.0	0	0	0.0	10	11	45.8	13	14	59.2	22	24	9.8
Springfield, MA	0	—	—	0	—	—	8	—	—	25	—	—	20	—	—
Stockton, CA	0	0	0.0	5	6	17.5	13	16	85.9	33	40	42.5	26	31	29.2
Syracuse, NY	0	0	0.0	0	0	0.0	15	20	117.5	2	3	43.1	19	25	10.9
Tampa—St. Petersburg—Clearwater, FL	3	3	91.1	4	4	14.8	136	151	133.4	81	89	53.6	219	239	30.0
Toledo, OH	0	0	0.0	0	0	0.0	11	12	37.5	1	1	8.0	15	16	7.3
Tucson, AZ	1	1	10.8	2	2	21.2	3	3	22.4	28	30	24.1	45	50	20.4
Tulsa, OK	5	5	21.1	0	0	0.0	16	17	57.9	10	11	37.3	33	35	13.3
Virginia Beach—Norfolk—Newport News, VA—NC	0	0	0.0	1	1	5.8	184	219	112.6	5	7	24.0	56	68	16.4
Washington, DC—VA—MD—WV	5	—	—	14	—	—	840	—	—	148	—	—	220	—	—
Bethesda Division	1	—	—	1	—	—	56	—	—	22	—	—	23	—	—
Washington Division	4	—	—	13	—	—	784	—	—	126	—	—	197	—	—
Wichita, KS	0	0	0.0	0	0	0.0	10	11	62.8	5	6	25.1	18	21	11.0
Worcester, MA	0	—	—	0	—	—	14	—	—	11	—	—	12	—	—
Youngstown—Warren—Boardman, OH—PA	0	0	0.0	0	0	0.0	22	23	101.9	6	6	136.1	4	4	2.2
<b>Subtotal for MSAs (population ≥ 500,000)</b>	<b>87</b>	<b>89</b>	<b>25.3</b>	<b>554</b>	<b>619</b>	<b>14.5</b>	<b>11,584</b>	<b>12,017</b>	<b>128.6</b>	<b>6,545</b>	<b>7,660</b>	<b>53.9</b>	<b>8,463</b>	<b>9,331</b>	<b>20.5</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>29</b>	<b>31</b>	<b>16.6</b>	<b>30</b>	<b>36</b>	<b>8.3</b>	<b>1,638</b>	<b>1,890</b>	<b>90.5</b>	<b>616</b>	<b>597</b>	<b>25.2</b>	<b>1,345</b>	<b>1,518</b>	<b>9.2</b>
<b>Nonmetropolitan areas</b>	<b>36</b>	<b>42</b>	<b>11.5</b>	<b>11</b>	<b>13</b>	<b>9.9</b>	<b>982</b>	<b>1,119</b>	<b>65.5</b>	<b>245</b>	<b>280</b>	<b>20.4</b>	<b>904</b>	<b>1,015</b>	<b>6.2</b>
<b>Total<sup>f</sup></b>	<b>153</b>	<b>162</b>	<b>17.9</b>	<b>597</b>	<b>668</b>	<b>13.8</b>	<b>14,362</b>	<b>15,026</b>	<b>114.4</b>	<b>7,496</b>	<b>8,537</b>	<b>47.6</b>	<b>10,779</b>	<b>11,864</b>	<b>15.2</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes Asian/Pacific Islander legacy cases (see Technical Notes).

<sup>b</sup> Hispanics/Latinos can be of any race.

<sup>c</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>d</sup> Counts of diagnoses of HIV infection in the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>e</sup> Data are not presented for San Juan-Caguas-Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by race/ethnicity for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>f</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 4b. Adult and adolescent males living with a diagnosis of HIV infection, by metropolitan statistical area of residence and race/ethnicity, year-end 2009—United States and Puerto Rico**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Akron, OH	1	1	165.6	3	3	63.3	206	201	671.1	14	14	445.1	363	350	144.8
Albany–Schenectady–Troy, NY	0	0	0.1	7	8	78.6	404	419	1,793.0	226	233	2,082.1	584	614	201.0
Albuquerque, NM	51	50	285.1	4	4	70.7	69	69	705.5	500	492	329.2	421	410	260.6
Allentown–Bethlehem–Easton, PA–NJ	0	0	0.0	3	3	36.3	139	138	1,056.3	330	328	941.1	394	392	143.0
Atlanta–Sandy Springs–Marietta, GA	16	17	315.8	66	68	73.9	11,447	11,589	1,851.3	909	930	426.6	5,081	5,119	431.5
Augusta–Richmond County, GA–SC	1	1	139.2	1	1	34.6	959	959	1,386.4	29	30	472.8	338	341	268.0
Austin–Round Rock, TX	7	7	271.5	25	25	82.2	687	673	1,375.0	974	966	466.6	1,860	1,833	450.1
Bakersfield, CA	9	9	332.4	16	16	136.9	399	398	1,847.7	573	569	388.5	456	449	323.4
Baltimore–Towson, MD	17	—	—	29	—	—	8,919	—	—	314	—	—	2,134	—	—
Baton Rouge, LA	2	2	243.7	5	5	102.3	1,864	1,768	1,703.0	28	28	281.9	516	501	259.3
Birmingham–Hoover, AL	2	2	143.6	2	2	40.7	1,451	1,428	1,243.7	44	44	273.9	915	903	296.1
Boise City–Nampa, ID	5	5	228.4	3	3	84.9	13	14	590.0	39	39	142.6	279	277	136.6
Boston–Cambridge–Quincy, MA–NH <sup>d</sup>	5	—	—	144	—	—	2,058	—	—	1,546	—	—	3,926	—	—
Boston Division	3	—	—	68	—	—	1,488	—	—	860	—	—	2,330	—	—
Cambridge Division	2	—	—	64	—	—	460	—	—	387	—	—	972	—	—
Peabody Division	0	—	—	9	—	—	95	—	—	286	—	—	445	—	—
Bradenton–Sarasota–Venice, FL	2	2	324.5	3	2	67.5	288	279	1,741.6	152	150	529.3	685	673	284.2
Bridgeport–Stamford–Norwalk, CT	1	1	207.4	8	9	55.4	599	605	1,869.2	521	534	931.7	667	672	267.4
Buffalo–Niagara Falls, NY	3	3	107.7	9	11	139.4	598	626	1,281.4	232	243	1,626.9	540	570	150.3
Cape Coral–Fort Myers, FL	0	0	0.0	2	2	67.6	324	321	2,056.6	163	162	387.5	533	526	287.5
Charleston–North Charleston, SC	4	4	350.6	2	2	45.7	847	826	1,188.9	53	52	562.1	496	484	272.6
Charlotte–Gastonia–Concord, NC–SC	10	9	315.1	11	11	58.9	2,535	2,481	1,714.2	210	213	350.4	1,190	1,177	262.5
Chattanooga, TN–GA	1	1	148.4	3	3	112.9	286	283	1,064.6	22	22	452.3	474	476	275.6
Chicago, IL–IN–WI	32	32	492.7	270	271	134.0	9,685	9,496	1,577.1	3,802	3,793	518.3	7,401	7,335	327.3
Chicago Division	31	31	612.3	262	263	144.5	9,109	8,932	1,666.9	3,591	3,582	559.8	6,829	6,773	377.1
Gary Division	1	1	163.5	2	2	64.9	385	375	832.5	85	84	257.7	330	323	167.6
Lake Division	0	0	0.0	6	6	35.1	191	189	890.5	126	126	213.6	242	239	94.6
Cincinnati–Middletown, OH–KY–IN	1	0	16.3	12	12	85.7	1,012	992	1,042.3	62	61	359.8	1,291	1,267	173.5
Cleveland–Elyria–Mentor, OH	4	4	237.9	12	12	79.8	1,756	1,701	1,172.4	256	246	714.2	1,352	1,323	210.2
Colorado Springs, CO	3	3	151.1	7	7	115.5	108	106	667.4	76	77	255.8	414	411	212.8
Columbia, SC	0	0	0.0	4	4	83.5	1,916	1,883	2,058.1	70	69	556.7	566	555	305.2
Columbus, OH	3	3	169.5	16	16	71.3	1,183	1,160	1,227.3	107	104	447.3	2,124	2,086	363.6
Dallas, TX	26	25	210.4	155	155	128.4	4,796	4,699	1,437.0	2,826	2,797	394.5	7,354	7,197	529.6
Dallas Division	22	21	278.8	120	120	132.9	3,836	3,753	1,608.5	2,311	2,290	449.5	5,977	5,855	679.5
Fort Worth Division	4	4	92.0	35	35	115.4	960	946	1,009.8	515	507	253.9	1,377	1,342	269.9
Dayton, OH	2	2	254.3	6	6	118.3	407	397	897.0	16	15	263.9	519	502	182.2
Denver–Aurora, CO	43	43	681.4	49	50	149.8	927	920	1,702.5	1,347	1,343	619.7	5,137	5,100	716.3

**Table 4b. Adult and adolescent males living with a diagnosis of HIV infection, by metropolitan statistical area of residence and race/ethnicity, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Des Moines, IA	0	0	0.0	8	8	145.7	57	57	671.4	39	39	302.6	301	301	156.5
Detroit, MI	8	8	150.6	28	28	49.8	4,405	4,273	1,171.0	212	207	322.3	2,119	2,079	165.1
Detroit Division	5	5	209.5	16	16	84.8	3,835	3,714	1,320.9	149	144	370.0	908	889	220.2
Warren Division	3	3	102.6	12	12	32.2	570	558	667.4	63	63	248.8	1,211	1,189	139.1
Durham–Chapel Hill, NC	2	2	307.2	5	4	52.2	882	862	1,746.9	106	107	509.0	300	297	252.4
El Paso, TX	0	0	0.0	2	2	72.2	60	60	702.6	1,123	1,110	518.7	126	122	281.3
Fresno, CA	8	8	301.0	29	29	95.7	143	140	781.9	454	450	262.0	364	360	273.2
Grand Rapids–Wyoming, MI	2	2	135.8	6	6	122.5	138	135	614.4	85	85	345.1	386	379	147.2
Greensboro–High Point, NC	7	7	562.8	9	9	129.3	961	945	1,464.0	71	71	358.9	435	427	227.7
Greenville, SC	0	0	0.0	2	2	43.8	484	475	1,204.3	54	54	304.7	347	338	173.9
Harrisburg–Carlisle, PA	0	0	0.4	6	6	126.8	307	305	1,513.9	115	114	1,353.2	462	460	250.1
Hartford–West Hartford–East Hartford, CT	1	1	82.1	12	13	79.1	630	634	1,340.9	879	883	1,729.2	799	797	216.7
Honolulu, HI	6	—	—	219	—	—	73	—	—	119	—	—	742	—	—
Houston–Baytown–Sugar Land, TX	21	21	307.6	164	164	120.8	6,303	6,139	1,726.6	3,730	3,684	478.2	5,172	5,004	491.1
Indianapolis, IN	1	1	31.2	23	23	181.5	1,122	1,099	1,201.4	180	179	525.0	1,864	1,821	336.3
Jackson, MS	1	1	201.7	1	1	52.9	1,638	1,605	1,779.0	24	24	605.9	355	348	321.6
Jacksonville, FL	2	2	107.1	16	16	108.7	2,102	2,061	1,949.4	164	163	511.7	1,299	1,276	347.1
Kansas City, MO–KS	14	14	363.0	24	24	147.0	1,180	1,172	1,305.8	320	322	553.0	2,139	2,110	328.0
Knoxville, TN	0	0	0.0	3	3	71.3	165	164	946.4	21	21	346.7	644	640	253.7
Lakeland, FL	5	5	648.0	2	2	53.7	455	448	1,488.1	143	141	372.2	429	420	259.5
Lancaster, PA	0	0	0.0	1	1	31.8	67	66	1,096.4	143	143	1,039.8	242	242	135.9
Las Vegas–Paradise, NV	20	19	425.3	111	111	205.0	965	951	1,327.8	1,017	1,013	472.9	2,432	2,397	577.9
Little Rock–North Little Rock, AR	2	2	131.8	1	1	31.2	579	564	1,030.7	36	34	344.1	685	671	340.8
Los Angeles, CA	95	94	650.1	1,280	1,295	179.5	6,789	6,784	1,971.0	15,928	16,036	722.2	16,164	16,075	882.0
Los Angeles Division	82	81	775.5	1,075	1,089	208.8	6,557	6,556	2,032.3	13,831	13,962	766.4	13,331	13,293	1,079.6
Santa Ana Division	13	13	318.3	205	206	103.0	232	227	1,053.8	2,097	2,073	520.1	2,833	2,782	470.4
Louisville, KY–IN	5	5	353.3	10	10	152.5	810	795	1,304.8	73	74	472.7	1,266	1,245	300.0
Madison, WI	2	2	222.2	7	7	76.1	90	87	927.0	41	41	394.4	330	325	157.6
McAllen–Edinburg–Pharr, TX	0	0	0.0	0	0	0.0	11	11	538.3	579	571	253.7	53	51	194.2
Memphis, TN–MS–AR	0	0	0.0	2	2	23.3	3,673	3,665	1,760.9	71	71	316.2	873	871	344.0
Miami, FL	11	11	285.0	69	68	141.4	13,456	13,189	3,332.5	10,338	10,236	1,132.9	9,252	9,146	1,045.9
Fort Lauderdale Division	6	6	343.3	35	36	162.6	4,054	3,981	2,527.1	1,703	1,692	972.9	4,953	4,898	1,407.1
Miami Division	3	3	284.2	19	18	119.3	6,824	6,682	4,103.7	7,990	7,908	1,249.1	2,889	2,860	1,520.9
West Palm Beach Division	2	2	190.3	15	15	129.8	2,578	2,526	3,350.0	645	636	658.6	1,410	1,388	410.4
Milwaukee–Waukesha–West Allis, WI	4	4	126.5	18	18	111.3	1,002	983	1,166.0	261	258	505.5	853	836	181.5
Minneapolis–St. Paul–Bloomington, MN–WI	53	51	592.8	53	53	84.2	1,134	1,121	1,366.2	367	364	604.9	2,667	2,630	239.9
Modesto, CA	2	2	121.2	7	7	71.1	27	27	473.9	136	135	179.8	224	220	216.8

**Table 4b. Adult and adolescent males living with a diagnosis of HIV infection, by metropolitan statistical area of residence and race/ethnicity, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Nashville–Davidson–Murfreesboro, TN	3	3	144.1	11	11	86.2	1,545	1,532	1,719.2	146	148	394.4	1,913	1,903	391.7
New Haven–Milford, CT	1	1	147.1	9	10	84.4	699	713	1,889.8	556	566	1,302.9	786	792	323.6
New Orleans–Metairie–Kenner, LA	7	7	310.8	28	28	220.2	2,927	2,803	1,917.0	272	268	856.7	2,147	2,085	766.1
New York, NY–NJ–PA	85	87	557.0	1,278	1,327	183.2	37,963	38,474	3,312.9	29,595	30,085	1,865.6	23,132	23,487	582.3
Edison Division	5	5	437.0	26	28	29.6	996	1,010	1,551.1	666	684	619.3	1,298	1,317	198.5
Nassau Division	1	1	45.9	30	33	54.5	1,174	1,237	1,292.9	807	864	575.6	1,547	1,623	190.1
New York–White Plains–Wayne Division	73	74	682.0	1,195	1,237	234.9	30,445	30,827	3,676.3	26,551	26,934	2,231.2	18,927	19,163	946.9
Newark Division	6	6	500.8	27	29	67.0	5,348	5,400	3,333.3	1,571	1,602	1,106.1	1,360	1,384	280.8
Ogden–Clearfield, UT	6	6	542.0	4	4	144.3	24	24	897.7	38	38	174.3	139	139	79.1
Oklahoma City, OK	62	59	336.7	17	17	122.4	463	451	936.0	159	157	341.7	1,168	1,130	322.2
Omaha–Council Bluffs, NE–IA	11	11	712.1	7	7	118.0	201	199	837.2	96	95	379.9	518	515	186.0
Orlando, FL	10	10	439.8	27	27	92.1	2,468	2,435	2,145.5	1,433	1,424	726.7	3,063	3,034	610.9
Oxnard–Thousand Oaks–Ventura, CA	0	0	0.0	11	11	54.0	27	27	438.6	288	288	242.5	337	333	190.8
Palm Bay–Melbourne–Titusville, FL	0	0	0.0	1	1	22.3	220	217	1,089.7	67	66	417.7	469	462	253.9
Philadelphia, PA–NJ–DE–MD	16	—	—	114	—	—	9,940	—	—	2,280	—	—	5,350	—	—
Camden Division	0	0	0.0	11	12	58.0	933	951	1,229.2	359	364	931.9	806	821	225.2
Philadelphia Division	16	16	621.3	100	98	129.4	8,016	7,890	2,536.9	1,803	1,789	1,760.2	4,079	4,049	372.2
Wilmington Division	0	—	—	3	—	—	991	—	—	118	—	—	465	—	—
Phoenix–Mesa–Scottsdale, AZ	193	191	630.3	36	36	77.2	680	671	884.8	1,999	1,988	376.5	4,681	4,646	441.0
Pittsburgh, PA	0	0	0.1	8	8	52.5	703	695	999.1	74	74	668.6	1,293	1,280	148.4
Portland–South Portland, ME	0	0	0.0	0	0	0.0	41	42	1,327.8	24	25	761.4	403	411	203.5
Portland–Vancouver–Beaverton, OR–WA	32	32	462.1	57	57	123.2	244	244	971.6	366	367	400.7	2,909	2,888	397.2
Poughkeepsie–Newburgh–Middletown, NY	2	2	327.5	2	2	29.3	576	595	2,112.6	569	592	1,582.9	398	415	203.1
Providence–New Bedford–Fall River, RI–MA	5	3	180.8	21	21	193.5	384	288	1,352.7	394	292	616.2	1,047	652	189.4
Provo–Orem, UT	0	0	0.0	0	0	0.0	3	3	258.7	34	34	187.7	67	66	38.1
Raleigh–Cary, NC	9	9	524.6	14	14	81.6	1,196	1,178	1,451.6	184	185	457.4	750	748	250.2
Richmond, VA	2	2	91.8	13	13	99.5	2,010	2,021	1,449.7	100	103	466.1	832	838	267.9
Riverside–San Bernardino–Ontario, CA	38	37	377.0	88	87	96.4	851	836	701.2	1,689	1,666	232.4	3,719	3,621	538.5
Rochester, NY	1	1	92.7	5	5	60.4	694	733	1,755.6	340	354	1,713.3	727	763	219.5
Sacramento–Arden–Arcade–Roseville, CA	27	27	431.7	59	59	64.2	454	451	763.4	411	410	264.0	1,692	1,675	325.2
St. Louis, MO–IL	4	4	133.9	18	18	90.6	2,480	2,425	1,344.0	132	133	520.4	2,350	2,306	257.4
Salt Lake City, UT	10	10	287.1	10	10	83.2	89	89	1,429.9	254	254	372.7	1,142	1,136	331.1
San Antonio, TX	12	12	377.2	22	22	167.1	451	444	906.7	2,115	2,082	505.0	1,104	1,081	341.3
San Diego–Carlsbad–San Marcos, CA	75	73	1,037.8	242	240	199.3	1,155	1,129	1,762.7	2,914	2,894	814.7	5,587	5,477	806.9
San Francisco, CA	88	88	1,482.4	929	938	242.8	3,742	3,656	2,566.9	3,493	3,509	968.4	12,334	12,265	1,439.4
Oakland Division	12	12	314.5	220	219	106.2	1,857	1,784	1,669.9	901	895	399.1	2,204	2,158	473.4
San Francisco Division	76	76	3,600.1	709	718	400.3	1,885	1,872	5,260.6	2,592	2,614	1,892.7	10,130	10,107	2,550.6

**Table 4b. Adult and adolescent males living with a diagnosis of HIV infection, by metropolitan statistical area of residence and race/ethnicity, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
San Jose–Sunnyvale–Santa Clara, CA	6	6	277.7	188	187	82.8	233	229	1,160.6	908	907	453.8	1,151	1,138	374.5
San Juan–Caguas–Guaynabo, PR <sup>e</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scranton–Wilkes-Barre, PA	1	1	418.3	1	1	53.5	89	89	1,380.7	59	60	718.9	245	242	116.4
Seattle, WA	82	82	589.3	209	209	145.4	928	924	1,165.8	712	712	671.9	5,002	4,951	481.2
Seattle Division	71	71	721.6	194	194	152.5	780	777	1,398.3	635	634	771.2	4,555	4,513	574.1
Tacoma Division	11	11	268.4	15	15	91.0	148	147	620.7	77	78	327.5	447	439	180.6
Springfield, MA	3	—	—	8	—	—	194	—	—	515	—	—	365	—	—
Stockton, CA	5	5	309.4	37	36	103.0	197	194	1,029.9	259	256	269.0	314	310	288.6
Syracuse, NY	4	4	219.4	3	4	74.1	206	216	1,282.7	68	71	1,137.4	392	414	180.7
Tampa–St. Petersburg–Clearwater, FL	14	14	379.9	32	31	108.2	2,129	2,084	1,845.4	885	873	526.3	4,055	3,987	499.9
Toledo, OH	0	0	0.0	7	7	205.3	229	219	707.2	37	36	270.2	355	348	159.0
Tucson, AZ	39	39	395.5	11	11	109.2	110	108	757.9	499	493	392.5	952	945	384.8
Tulsa, OK	79	77	309.2	4	4	72.1	229	223	756.5	81	80	282.5	764	741	278.1
Virginia Beach–Norfolk–Newport News, VA–NC	6	5	190.2	25	26	128.4	2,866	2,881	1,482.3	133	135	491.1	1,210	1,215	293.1
Washington, DC–VA–MD–WV	15	—	—	189	—	—	12,785	—	—	1,769	—	—	5,491	—	—
Bethesda Division	3	—	—	34	—	—	1,053	—	—	323	—	—	642	—	—
Washington Division	12	—	—	155	—	—	11,732	—	—	1,446	—	—	4,849	—	—
Wichita, KS	4	4	185.2	4	4	50.2	108	107	617.2	80	80	362.4	381	375	197.4
Worcester, MA	1	—	—	17	—	—	171	—	—	297	—	—	444	—	—
Youngstown–Warren–Boardman, OH–PA	1	1	272.3	1	1	84.5	220	216	939.2	35	35	738.0	196	187	94.1
<b>Subtotal for MSAs (population ≥ 500,000)</b>	<b>1,482</b>	<b>1,415</b>	<b>403.4</b>	<b>6,762</b>	<b>6,235</b>	<b>146.1</b>	<b>198,517</b>	<b>171,959</b>	<b>1,840.9</b>	<b>117,133</b>	<b>112,620</b>	<b>792.8</b>	<b>202,721</b>	<b>187,317</b>	<b>411.6</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>356</b>	<b>347</b>	<b>183.5</b>	<b>363</b>	<b>362</b>	<b>83.3</b>	<b>24,013</b>	<b>23,075</b>	<b>1,104.9</b>	<b>10,660</b>	<b>7,765</b>	<b>328.2</b>	<b>29,315</b>	<b>28,123</b>	<b>170.2</b>
<b>Nonmetropolitan areas</b>	<b>449</b>	<b>434</b>	<b>119.4</b>	<b>142</b>	<b>95</b>	<b>73.0</b>	<b>17,282</b>	<b>16,843</b>	<b>985.3</b>	<b>4,834</b>	<b>4,746</b>	<b>346.0</b>	<b>16,392</b>	<b>15,489</b>	<b>95.3</b>
<b>Total<sup>f</sup></b>	<b>2,318</b>	<b>2,196</b>	<b>243.1</b>	<b>7,313</b>	<b>6,692</b>	<b>138.5</b>	<b>242,187</b>	<b>211,877</b>	<b>1,612.6</b>	<b>134,381</b>	<b>125,131</b>	<b>697.4</b>	<b>251,078</b>	<b>230,929</b>	<b>295.0</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes Asian/Pacific Islander legacy cases (see Technical Notes).

<sup>b</sup> Hispanics/Latinos can be of any race.

<sup>c</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>d</sup> Counts of diagnoses of HIV infection in the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>e</sup> Data are not presented for San Juan–Caguas–Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by race/ethnicity for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>f</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 5a. Diagnoses of HIV infection among adult and adolescent females, by metropolitan statistical area of residence and race/ethnicity, 2010—United States and Puerto Rico**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Akron, OH	0	0	0.0	1	1	20.7	2	2	6.2	0	0	0.0	5	5	2.0
Albany–Schenectady–Troy, NY	0	0	0.0	1	1	12.3	16	21	86.8	2	3	23.7	3	4	1.2
Albuquerque, NM	2	2	11.3	0	0	0.0	3	3	39.3	1	1	0.7	1	1	0.7
Allentown–Bethlehem–Easton, PA–NJ	0	0	0.0	0	0	0.0	2	2	16.6	6	7	20.7	6	7	2.3
Atlanta–Sandy Springs–Marietta, GA	0	0	0.0	2	3	2.8	201	275	37.1	7	10	6.3	21	29	2.4
Augusta–Richmond County, GA–SC	0	0	0.0	1	3	60.6	21	28	34.1	0	0	0.0	4	5	3.9
Austin–Round Rock, TX	0	0	0.0	0	0	0.0	13	14	27.2	10	11	6.1	13	14	3.4
Bakersfield, CA	0	0	0.0	0	0	0.0	4	5	34.6	6	7	5.6	5	6	4.7
Baltimore–Towson, MD	2	—	—	2	—	—	229	—	—	4	—	—	37	—	—
Baton Rouge, LA	0	0	0.0	1	1	22.3	94	103	89.0	0	0	0.0	9	10	4.8
Birmingham–Hoover, AL	0	0	0.0	0	0	0.0	43	47	33.7	2	3	27.0	12	13	4.0
Boise City–Nampa, ID	0	0	0.0	1	1	25.4	1	1	64.2	0	0	0.0	3	3	1.5
Boston–Cambridge–Quincy, MA–NH <sup>d</sup>	0	—	—	2	—	—	65	—	—	34	—	—	19	—	—
Boston Division	0	—	—	1	—	—	38	—	—	18	—	—	6	—	—
Cambridge Division	0	—	—	0	—	—	21	—	—	6	—	—	8	—	—
Peabody Division	—	—	—	1	—	—	6	—	—	10	—	—	2	—	—
Bradenton–Sarasota–Venice, FL	0	0	0.0	0	0	0.0	14	15	82.7	1	1	4.8	4	4	1.7
Bridgeport–Stamford–Norwalk, CT	0	0	0.0	0	0	0.0	27	37	93.2	5	6	12.4	7	9	3.4
Buffalo–Niagara Falls, NY	0	0	0.0	3	4	51.9	23	30	52.5	3	4	27.4	12	16	3.8
Cape Coral–Fort Myers, FL	0	0	0.0	0	0	0.0	20	22	122.4	6	6	19.0	5	6	2.9
Charleston–North Charleston, SC	0	0	0.0	0	0	0.0	26	28	34.7	0	0	0.0	2	2	1.2
Charlotte–Gastonia–Concord, NC–SC	0	0	0.0	2	2	11.6	80	89	50.8	6	6	14.0	9	10	2.0
Chattanooga, TN–GA	0	0	0.0	0	0	0.0	8	9	26.5	2	2	49.2	4	5	2.5
Chicago, IL–IN–WI	0	0	0.0	3	4	1.9	149	179	24.2	33	39	6.0	21	25	1.1
Chicago Division	0	0	0.0	3	4	2.1	134	162	24.5	30	36	6.2	18	22	1.2
Gary Division	0	0	0.0	0	0	0.0	8	9	15.1	0	0	0.0	1	1	0.5
Lake Division	0	0	0.0	0	0	0.0	7	8	36.8	3	4	7.3	2	2	0.9
Cincinnati–Middletown, OH–KY–IN	0	0	0.0	0	0	0.0	32	36	32.0	1	1	7.7	17	18	2.4
Cleveland–Elyria–Mentor, OH	0	0	0.0	0	0	0.0	25	27	14.8	8	9	25.0	4	4	0.6
Colorado Springs, CO	0	0	0.0	0	0	0.0	2	2	16.0	0	0	0.0	2	2	1.1
Columbia, SC	0	0	0.0	0	0	0.0	34	37	34.3	3	3	33.1	4	4	2.2
Columbus, OH	0	0	0.0	1	1	5.0	30	32	31.2	1	1	5.9	13	14	2.3
Dallas, TX	3	3	26.4	7	8	6.2	204	222	57.7	36	39	6.8	38	41	2.9
Dallas Division	1	1	14.2	4	4	4.8	171	185	66.3	30	33	8.1	18	19	2.2
Fort Worth Division	2	2	48.8	3	3	10.6	33	38	35.3	6	6	3.8	20	22	4.1
Dayton, OH	0	0	0.0	0	0	0.0	12	13	24.4	0	0	0.0	2	2	0.7
Denver–Aurora, CO	1	1	16.5	1	2	5.2	22	24	44.1	9	10	5.1	8	9	1.2

**Table 5a. Diagnoses of HIV infection among adult and adolescent females, by metropolitan statistical area of residence and race/ethnicity, 2010—United States and Puerto Rico (cont)**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Des Moines, IA	0	0	0.0	0	0	0.0	5	5	62.2	1	1	10.9	1	1	0.5
Detroit, MI	0	0	0.0	0	0	0.0	89	96	21.6	3	3	5.6	14	15	1.2
Detroit Division	0	0	0.0	0	0	0.0	74	80	23.0	3	3	9.5	7	8	1.8
Warren Division	0	0	0.0	0	0	0.0	15	16	16.7	0	0	0.0	7	8	0.8
Durham–Chapel Hill, NC	0	0	0.0	0	0	0.0	19	22	35.2	7	7	57.3	5	5	4.1
El Paso, TX	0	0	0.0	0	0	0.0	1	1	15.7	10	11	4.5	0	0	0.0
Fresno, CA	0	0	0.0	1	1	4.1	6	7	41.1	3	3	2.2	4	5	3.5
Grand Rapids–Wyoming, MI	0	0	0.0	0	0	0.0	4	4	19.6	0	0	0.0	3	3	1.2
Greensboro–High Point, NC	0	0	0.0	0	0	0.0	27	29	37.5	0	0	0.0	4	4	2.1
Greenville, SC	0	0	0.0	0	0	0.0	7	8	16.3	2	2	18.3	4	4	2.1
Harrisburg–Carlisle, PA	0	0	0.0	0	0	0.0	6	7	32.1	2	2	29.1	3	3	1.6
Hartford–West Hartford–East Hartford, CT	0	0	0.0	0	0	0.0	18	24	48.3	15	21	39.3	7	9	2.3
Honolulu, HI	0	—	—	4	—	—	0	—	—	0	—	—	0	—	—
Houston–Baytown–Sugar Land, TX	0	0	0.0	2	2	1.6	249	269	65.4	54	58	8.5	52	56	5.4
Indianapolis, IN	0	0	0.0	2	2	16.6	31	34	31.9	6	7	26.3	9	10	1.7
Jackson, MS	0	0	0.0	0	0	0.0	38	41	38.6	1	1	35.0	4	4	3.6
Jacksonville, FL	0	0	0.0	1	1	6.4	92	100	80.7	6	7	21.4	16	17	4.5
Kansas City, MO–KS	0	0	0.0	0	0	0.0	24	26	25.2	2	2	4.4	7	7	1.1
Knoxville, TN	0	0	0.0	0	0	0.0	3	3	15.8	0	0	0.0	5	5	2.0
Lakeland, FL	0	0	0.0	0	0	0.0	18	19	60.3	5	6	17.5	8	9	4.9
Lancaster, PA	0	0	0.0	0	0	0.0	3	3	59.3	6	6	47.0	9	10	5.2
Las Vegas–Paradise, NV	0	0	0.0	3	3	4.7	31	34	44.7	6	6	3.5	14	15	3.8
Little Rock–North Little Rock, AR	0	0	0.0	0	0	0.0	8	9	13.1	0	0	0.0	4	4	2.0
Los Angeles, CA	2	2	16.3	10	13	1.5	87	119	29.6	103	141	6.5	36	48	2.6
Los Angeles Division	2	2	22.1	4	5	0.9	85	117	30.4	97	134	7.5	31	42	3.3
Santa Ana Division	0	0	0.0	6	7	3.3	2	3	13.4	6	7	1.9	5	6	1.0
Louisville, KY–IN	0	0	0.0	1	1	15.9	17	18	25.9	1	1	9.6	10	11	2.4
Madison, WI	0	0	0.0	0	0	0.0	5	5	65.9	0	0	0.0	0	0	0.0
McAllen–Edinburg–Pharr, TX	0	0	0.0	0	0	0.0	0	0	0.0	16	18	7.4	0	0	0.0
Memphis, TN–MS–AR	0	0	0.0	0	0	0.0	91	101	40.1	4	4	27.4	5	5	2.0
Miami, FL	0	0	0.0	1	1	2.0	454	495	108.7	111	121	12.9	39	42	4.5
Fort Lauderdale Division	0	0	0.0	1	1	4.4	153	167	91.2	30	32	18.6	13	14	3.9
Miami Division	0	0	0.0	0	0	0.0	214	233	123.3	72	79	11.6	10	11	5.7
West Palm Beach Division	0	0	0.0	0	0	0.0	87	94	114.1	9	10	11.6	16	17	4.6
Milwaukee–Waukesha–West Allis, WI	0	0	0.0	0	0	0.0	18	19	18.6	2	2	4.7	6	7	1.3
Minneapolis–St. Paul–Bloomington, MN–WI	2	2	24.1	2	2	3.3	37	41	53.5	0	0	0.0	17	18	1.6
Modesto, CA	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	1.1
Nashville–Davidson–Murfreesboro, TN	0	0	0.0	3	3	24.9	35	38	36.0	3	3	12.9	12	13	2.5





**Table 5a. Diagnoses of HIV infection among adult and adolescent females, by metropolitan statistical area of residence and race/ethnicity, 2010—United States and Puerto Rico (cont)**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Scranton–Wilkes-Barre, PA	0	0	0.0	0	0	0.0	5	7	178.0	0	0	0.0	2	2	0.9
Seattle, WA	1	1	7.4	3	3	2.0	23	25	35.7	5	6	6.4	22	24	2.3
Seattle Division	1	1	10.6	2	2	1.5	17	18	36.6	3	3	5.0	19	21	2.6
Tacoma Division	0	0	0.0	1	1	4.9	6	7	33.3	2	2	10.8	3	3	1.3
Springfield, MA	—	—	—	0	—	—	4	—	—	9	—	—	6	—	—
Stockton, CA	0	0	0.0	0	0	0.0	3	4	21.3	3	4	4.1	3	4	3.3
Syracuse, NY	0	0	0.0	0	0	0.0	5	7	34.9	1	1	22.4	4	5	2.2
Tampa–St. Petersburg–Clearwater, FL	1	1	28.7	0	0	0.0	68	74	56.9	24	26	17.0	32	35	4.0
Toledo, OH	0	0	0.0	0	0	0.0	4	4	11.8	0	0	0.0	4	5	2.3
Tucson, AZ	3	3	28.4	0	0	0.0	5	5	41.2	3	3	2.4	4	4	1.7
Tulsa, OK	1	1	3.9	1	1	18.0	4	4	12.7	0	0	0.0	4	4	1.5
Virginia Beach–Norfolk–Newport News, VA–NC	0	0	0.0	0	0	0.0	70	82	36.4	2	2	8.8	11	13	3.1
Washington, DC–VA–MD–WV	0	—	—	2	—	—	425	—	—	21	—	—	23	—	—
Bethesda Division	0	—	—	0	—	—	53	—	—	5	—	—	4	—	—
Washington Division	0	—	—	2	—	—	372	—	—	16	—	—	19	—	—
Wichita, KS	0	0	0.0	0	0	0.0	7	8	41.7	4	4	22.2	1	1	0.5
Worcester, MA	0	—	—	1	—	—	14	—	—	5	—	—	4	—	—
Youngstown–Warren–Boardman, OH–PA	0	0	0.0	0	0	0.0	2	2	8.3	1	1	22.3	1	1	0.5
<b>Subtotal for MSAs (population ≥ 500,000)</b>	<b>28</b>	<b>30</b>	<b>8.0</b>	<b>102</b>	<b>109</b>	<b>2.3</b>	<b>4,950</b>	<b>4,889</b>	<b>44.9</b>	<b>1,295</b>	<b>1,517</b>	<b>11.4</b>	<b>1,047</b>	<b>1,111</b>	<b>2.3</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>17</b>	<b>18</b>	<b>9.3</b>	<b>14</b>	<b>15</b>	<b>3.1</b>	<b>697</b>	<b>813</b>	<b>35.9</b>	<b>139</b>	<b>120</b>	<b>5.6</b>	<b>285</b>	<b>324</b>	<b>1.9</b>
<b>Nonmetropolitan areas</b>	<b>11</b>	<b>12</b>	<b>3.2</b>	<b>7</b>	<b>7</b>	<b>4.6</b>	<b>370</b>	<b>420</b>	<b>25.0</b>	<b>57</b>	<b>66</b>	<b>5.8</b>	<b>230</b>	<b>260</b>	<b>1.5</b>
<b>Total<sup>f</sup></b>	<b>57</b>	<b>60</b>	<b>6.3</b>	<b>124</b>	<b>131</b>	<b>2.5</b>	<b>6,063</b>	<b>6,121</b>	<b>41.3</b>	<b>1,510</b>	<b>1,703</b>	<b>10.3</b>	<b>1,577</b>	<b>1,695</b>	<b>2.1</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes Asian/Pacific Islander legacy cases (see Technical Notes).

<sup>b</sup> Hispanics/Latinos can be of any race.

<sup>c</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>d</sup> Counts of diagnoses of HIV infection in the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>e</sup> Data are not presented for San Juan-Caguas-Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by race/ethnicity for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>f</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 5b. Adult and adolescent females living with a diagnosis of HIV infection, by metropolitan statistical area of residence and race/ethnicity, year-end 2009—United States and Puerto Rico**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Akron, OH	0	0	0.0	1	1	19.7	88	87	240.9	4	4	127.2	49	45	17.4
Albany–Schenectady–Troy, NY	0	0	0.0	3	3	30.5	272	285	1,163.5	102	106	957.3	203	213	65.2
Albuquerque, NM	10	10	50.6	1	1	11.2	10	10	119.1	53	52	34.5	56	55	32.9
Allentown–Bethlehem–Easton, PA–NJ	2	2	527.1	0	0	0.0	112	112	877.9	238	238	691.2	137	136	46.1
Atlanta–Sandy Springs–Marietta, GA	6	6	102.5	18	18	19.4	4,220	4,259	574.8	227	231	150.2	495	498	40.7
Augusta–Richmond County, GA–SC	0	0	0.0	1	1	24.1	560	562	680.1	7	7	113.4	76	77	56.8
Austin–Round Rock, TX	0	0	0.0	5	5	16.9	308	301	585.0	135	133	75.2	192	191	46.9
Bakersfield, CA	1	1	35.4	4	4	31.4	33	32	214.4	70	69	53.6	54	53	38.6
Baltimore–Towson, MD	10	—	—	12	—	—	5,595	—	—	89	—	—	738	—	—
Baton Rouge, LA	0	0	0.0	0	0	0.0	1,342	1,283	1,108.9	12	12	163.4	149	144	72.0
Birmingham–Hoover, AL	0	0	0.0	0	0	0.0	700	691	497.9	13	13	116.1	173	171	52.1
Boise City–Nampa, ID	1	1	54.6	0	0	0.0	5	5	299.8	13	13	57.0	39	39	18.9
Boston–Cambridge–Quincy, MA–NH <sup>d</sup>	3	—	—	39	—	—	1,552	—	—	609	—	—	699	—	—
Boston Division	1	—	—	12	—	—	979	—	—	267	—	—	302	—	—
Cambridge Division	1	—	—	19	—	—	466	—	—	133	—	—	233	—	—
Peabody Division	—	—	—	8	—	—	90	—	—	205	—	—	123	—	—
Bradenton–Sarasota–Venice, FL	2	2	302.9	1	1	21.2	253	249	1,368.1	46	46	203.6	171	171	65.4
Bridgeport–Stamford–Norwalk, CT	1	1	195.8	3	3	20.1	438	445	1,117.2	274	282	541.2	196	196	72.2
Buffalo–Niagara Falls, NY	2	2	66.8	3	4	48.7	316	335	583.6	115	120	814.5	142	154	37.2
Cape Coral–Fort Myers, FL	1	1	163.9	0	0	0.0	310	306	1,729.6	76	75	221.5	150	149	76.2
Charleston–North Charleston, SC	1	1	91.2	0	0	0.0	475	466	568.3	20	21	263.0	108	108	58.8
Charlotte–Gastonia–Concord, NC–SC	4	4	135.7	5	5	27.7	1,375	1,344	772.1	57	57	124.3	265	261	54.9
Chattanooga, TN–GA	0	0	0.0	0	0	0.0	161	159	481.8	7	7	157.7	108	109	58.2
Chicago, IL–IN–WI	7	7	97.1	53	53	24.7	4,270	4,194	567.5	852	846	129.5	847	832	35.3
Chicago Division	7	7	122.1	52	52	27.0	4,035	3,964	601.3	799	793	138.9	704	691	36.4
Gary Division	0	0	0.0	0	0	0.0	156	152	265.1	18	18	55.0	85	83	40.9
Lake Division	0	0	0.0	1	1	5.4	79	78	349.4	35	36	71.1	58	58	22.3
Cincinnati–Middletown, OH–KY–IN	0	0	0.0	1	1	6.7	347	338	302.7	18	18	131.8	222	221	28.6
Cleveland–Elyria–Mentor, OH	3	3	183.2	4	4	25.1	578	565	314.6	106	101	290.6	184	181	26.7
Colorado Springs, CO	2	2	98.9	1	1	11.5	39	39	286.0	16	16	54.2	55	55	27.8
Columbia, SC	0	0	0.0	1	1	19.3	849	831	775.1	23	23	238.3	144	142	72.9
Columbus, OH	1	1	58.5	4	4	18.9	510	501	486.9	28	28	154.6	245	241	40.0
Dallas, TX	14	14	112.7	39	40	32.2	2,459	2,423	629.7	508	500	87.2	769	754	53.0
Dallas Division	10	10	124.9	32	33	35.5	1,940	1,912	686.7	399	392	97.2	474	466	51.7
Fort Worth Division	4	4	90.3	7	7	22.5	519	511	480.4	109	108	63.4	295	289	55.3
Dayton, OH	1	1	120.6	1	1	17.4	172	170	320.1	1	1	18.8	91	88	29.9
Denver–Aurora, CO	15	15	230.5	9	9	24.4	307	308	573.4	163	162	84.3	318	316	43.0

**Table 5b. Adult and adolescent females living with a diagnosis of HIV infection, by metropolitan statistical area of residence and race/ethnicity, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Des Moines, IA	0	0	0.0	5	5	91.4	44	42	486.1	4	4	37.5	35	35	16.8
Detroit, MI	6	5	95.7	12	12	21.3	1,818	1,753	393.9	64	63	109.2	285	277	21.2
Detroit Division	3	3	117.8	4	4	21.5	1,593	1,531	439.8	46	45	132.8	154	149	35.5
Warren Division	3	2	77.2	8	8	21.2	225	222	228.9	18	18	75.6	131	128	14.4
Durham–Chapel Hill, NC	0	0	0.0	2	2	24.6	454	446	722.3	33	33	256.0	47	47	35.4
El Paso, TX	0	0	0.0	0	0	0.0	21	21	313.4	155	152	61.6	23	23	53.9
Fresno, CA	5	5	161.5	6	6	18.9	86	84	467.6	103	103	65.7	69	68	48.4
Grand Rapids–Wyoming, MI	3	3	194.9	1	1	18.4	115	115	528.8	20	19	98.0	49	48	17.8
Greensboro–High Point, NC	8	8	575.0	3	3	42.8	482	472	604.0	12	12	81.6	93	91	44.2
Greenville, SC	0	0	0.0	0	0	0.0	210	205	442.8	15	15	124.6	69	67	32.8
Harrisburg–Carlisle, PA	1	1	325.4	0	0	0.0	140	140	683.7	48	48	640.1	118	117	59.0
Hartford–West Hartford–East Hartford, CT	1	1	127.7	4	4	26.9	345	350	693.0	542	547	1,021.7	279	280	70.8
Honolulu, HI	2	—	—	54	—	—	22	—	—	19	—	—	66	—	—
Houston–Baytown–Sugar Land, TX	3	3	42.5	45	45	31.8	3,868	3,780	917.8	881	868	126.1	778	757	72.0
Indianapolis, IN	0	0	0.0	4	4	29.5	415	408	385.3	39	39	153.7	236	231	40.3
Jackson, MS	2	2	393.1	1	1	53.2	846	828	777.0	9	9	297.7	78	77	65.4
Jacksonville, FL	2	2	114.4	6	6	34.3	1,567	1,543	1,246.3	63	63	205.5	373	367	95.3
Kansas City, MO–KS	1	1	26.4	7	7	40.3	394	394	379.0	50	51	104.4	225	223	32.8
Knoxville, TN	0	0	0.0	1	1	25.0	74	73	362.3	7	7	122.2	114	114	42.1
Lakeland, FL	2	2	284.3	1	1	24.0	351	345	1,069.3	61	60	192.3	179	178	101.8
Lancaster, PA	0	0	0.0	0	0	0.0	56	56	963.3	95	94	687.4	85	84	44.3
Las Vegas–Paradise, NV	11	11	225.5	23	23	34.6	403	398	530.5	152	152	82.5	341	335	83.0
Little Rock–North Little Rock, AR	2	2	128.9	2	2	51.1	237	230	351.7	10	10	122.3	82	80	38.3
Los Angeles, CA	16	15	100.1	163	164	20.2	1,771	1,763	438.5	2,444	2,455	114.3	1,047	1,031	55.2
Los Angeles Division	16	16	141.8	125	127	21.3	1,681	1,673	437.1	2,073	2,088	117.2	751	742	59.3
Santa Ana Division	0	0	0.0	38	38	17.3	90	90	466.1	371	367	100.3	296	289	46.8
Louisville, KY–IN	2	2	146.9	3	3	43.7	330	326	458.3	16	16	133.1	184	181	41.0
Madison, WI	0	0	0.0	5	5	54.3	57	56	689.3	10	10	120.3	50	50	23.1
McAllen–Edinburg–Pharr, TX	0	0	0.0	0	0	0.0	2	2	180.4	159	157	64.3	12	12	43.0
Memphis, TN–MS–AR	2	2	136.8	1	1	10.5	1,964	1,962	779.6	30	31	192.2	201	201	74.9
Miami, FL	10	10	256.0	11	11	20.6	11,303	11,119	2,444.2	2,229	2,196	235.1	1,338	1,320	141.6
Fort Lauderdale Division	8	8	455.1	5	5	21.2	3,879	3,823	2,086.5	348	344	197.3	555	548	147.2
Miami Division	2	2	171.4	5	5	29.8	5,203	5,113	2,702.6	1,616	1,590	235.7	369	364	194.7
West Palm Beach Division	0	0	0.0	1	1	7.4	2,221	2,183	2,646.5	265	261	308.3	414	408	109.3
Milwaukee–Waukesha–West Allis, WI	4	4	115.7	7	7	44.7	399	393	378.8	105	104	229.5	97	94	19.3
Minneapolis–St. Paul–Bloomington, MN–WI	47	46	505.4	25	24	37.1	777	772	1,002.2	74	73	151.0	314	309	27.1
Modesto, CA	0	0	0.0	5	5	46.6	13	13	233.4	29	29	40.5	52	52	47.1
Nashville–Davidson–Murfreesboro, TN	0	0	0.0	1	1	7.7	678	675	647.0	38	38	146.2	325	323	62.9



**Table 5b. Adult and adolescent females living with a diagnosis of HIV infection, by metropolitan statistical area of residence and race/ethnicity, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Scranton–Wilkes-Barre, PA	0	0	0.0	0	0	0.0	35	35	871.7	27	27	373.6	81	80	35.0
Seattle, WA	31	30	207.3	36	36	22.1	421	421	604.0	89	88	101.0	409	406	38.8
Seattle Division	26	25	250.6	27	27	19.2	348	349	694.0	64	63	95.2	305	302	37.9
Tacoma Division	5	5	107.1	9	9	40.2	73	73	372.4	25	25	119.4	104	104	41.5
Springfield, MA	—	—	—	3	—	—	136	—	—	371	—	—	121	—	—
Stockton, CA	0	0	0.0	10	10	27.1	88	87	443.5	37	37	42.9	82	82	71.5
Syracuse, NY	2	2	96.1	3	4	71.3	148	154	803.5	32	33	553.9	122	127	51.6
Tampa–St. Petersburg–Clearwater, FL	4	4	106.8	6	6	18.0	1,473	1,450	1,112.3	408	404	260.8	748	738	85.1
Toledo, OH	0	0	0.0	1	1	28.8	153	150	407.8	14	14	105.2	93	92	39.4
Tucson, AZ	6	6	50.1	3	3	26.7	60	60	468.4	65	64	48.8	110	109	41.2
Tulsa, OK	12	11	41.8	0	0	0.0	75	73	215.7	14	14	62.5	110	108	38.2
Virginia Beach–Norfolk–Newport News, VA–NC	3	3	112.1	6	6	25.0	1,336	1,342	592.6	68	69	245.8	242	243	57.9
Washington, DC–VA–MD–WV	8	—	—	60	—	—	7,616	—	—	457	—	—	629	—	—
Bethesda Division	2	—	—	16	—	—	1,007	—	—	86	—	—	162	—	—
Washington Division	6	—	—	44	—	—	6,609	—	—	371	—	—	467	—	—
Wichita, KS	0	0	0.0	1	1	13.3	59	60	321.1	20	20	103.7	55	54	27.5
Worcester, MA	1	—	—	2	—	—	162	—	—	193	—	—	171	—	—
Youngstown–Warren–Boardman, OH–PA	0	0	0.0	0	0	0.0	97	93	367.3	16	16	338.7	46	45	20.7
<b>Subtotal for MSAs (population ≥ 500,000)</b>	<b>463</b>	<b>429</b>	<b>116.0</b>	<b>1,387</b>	<b>1,228</b>	<b>26.5</b>	<b>110,799</b>	<b>94,503</b>	<b>868.6</b>	<b>34,927</b>	<b>33,162</b>	<b>249.3</b>	<b>28,448</b>	<b>25,478</b>	<b>53.2</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>154</b>	<b>151</b>	<b>77.1</b>	<b>141</b>	<b>144</b>	<b>29.6</b>	<b>12,773</b>	<b>12,498</b>	<b>551.1</b>	<b>3,362</b>	<b>2,052</b>	<b>95.4</b>	<b>6,584</b>	<b>6,363</b>	<b>36.5</b>
<b>Nonmetropolitan areas</b>	<b>208</b>	<b>205</b>	<b>54.5</b>	<b>75</b>	<b>58</b>	<b>38.2</b>	<b>8,007</b>	<b>7,766</b>	<b>462.2</b>	<b>1,150</b>	<b>1,139</b>	<b>100.8</b>	<b>4,617</b>	<b>4,452</b>	<b>26.3</b>
<b>Total<sup>f</sup></b>	<b>836</b>	<b>785</b>	<b>83.3</b>	<b>1,615</b>	<b>1,430</b>	<b>27.1</b>	<b>132,467</b>	<b>114,766</b>	<b>774.0</b>	<b>40,037</b>	<b>36,353</b>	<b>219.2</b>	<b>40,061</b>	<b>36,294</b>	<b>44.1</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes Asian/Pacific Islander legacy cases (see Technical Notes).

<sup>b</sup> Hispanics/Latinos can be of any race.

<sup>c</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>d</sup> Counts of diagnoses of HIV infection in the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>e</sup> Data are not presented for San Juan-Caguas-Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by race/ethnicity for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>f</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 6a. Diagnoses of HIV infection among adult and adolescent males, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
	Akron, OH	13	21	1	2	1	1	1	3	9
Albany–Schenectady–Troy, NY	28	46	3	8	1	2	8	14	13	0
Albuquerque, NM	43	57	3	5	2	3	2	4	13	0
Allentown–Bethlehem–Easton, PA–NJ	25	35	2	5	2	2	10	12	10	0
Atlanta–Sandy Springs–Marietta, GA	387	1,059	4	65	9	33	10	164	538	1
Augusta–Richmond County, GA–SC	24	67	1	5	0	2	6	18	32	0
Austin–Round Rock, TX	144	186	9	12	7	10	8	14	35	1
Bakersfield, CA	28	50	26	36	11	16	11	17	21	0
Baltimore–Towson, MD	96	—	31	—	10	—	33	—	366	—
Baton Rouge, LA	88	146	7	19	3	10	23	46	85	0
Birmingham–Hoover, AL	91	145	0	4	2	4	10	21	56	0
Boise City–Nampa, ID	9	17	1	2	2	3	0	0	8	0
Boston–Cambridge–Quincy, MA–NH <sup>c</sup>	156	—	24	—	9	—	14	—	107	—
Boston Division	82	—	11	—	3	—	8	—	56	—
Cambridge Division	42	—	8	—	5	—	1	—	32	—
Peabody Division	16	—	5	—	1	—	2	—	19	—
Bradenton–Sarasota–Venice, FL	44	55	4	5	2	2	7	10	9	0
Bridgeport–Stamford–Norwalk, CT	33	55	7	19	0	1	6	13	21	0
Buffalo–Niagara Falls, NY	51	77	5	9	6	9	12	19	11	0
Cape Coral–Fort Myers, FL	28	33	1	2	4	4	20	24	5	0
Charleston–North Charleston, SC	67	85	0	2	1	2	6	14	21	0
Charlotte–Gastonia–Concord, NC–SC	204	292	4	11	4	7	13	40	85	0
Chattanooga, TN–GA	19	36	1	3	0	1	5	10	16	0
Chicago, IL–IN–WI	604	1,011	47	82	17	34	47	86	278	0
Chicago Division	558	925	43	73	17	32	39	71	241	0
Gary Division	24	39	1	3	0	1	5	8	16	0
Lake Division	22	48	3	6	0	1	3	7	21	0
Cincinnati–Middletown, OH–KY–IN	113	164	1	3	3	6	9	15	47	0
Cleveland–Elyria–Mentor, OH	104	169	0	4	3	6	4	12	65	0
Colorado Springs, CO	21	28	0	1	2	3	2	3	6	0
Columbia, SC	104	142	0	10	2	4	5	27	57	1
Columbus, OH	159	258	1	4	8	12	11	18	92	0
Dallas, TX	767	995	12	29	23	36	43	79	200	1
Dallas Division	667	832	9	20	18	27	34	60	136	1
Fort Worth Division	100	162	3	9	5	9	9	19	64	0
Dayton, OH	62	75	1	2	1	2	3	5	9	0
Denver–Aurora, CO	201	241	9	12	26	30	22	25	23	0
Des Moines, IA	21	29	2	2	2	2	1	1	6	0
Detroit, MI	244	367	9	22	3	10	8	30	138	0
Detroit Division	160	239	6	15	1	6	8	23	91	0
Warren Division	84	128	3	7	2	4	0	6	47	0
Durham–Chapel Hill, NC	41	60	2	6	1	2	4	15	29	0
El Paso, TX	77	101	4	7	1	3	7	10	21	0
Fresno, CA	75	94	2	2	2	3	0	0	4	0
Grand Rapids–Wyoming, MI	21	29	0	1	0	0	1	3	9	0
Greensboro–High Point, NC	66	87	2	6	1	3	1	9	26	0
Greenville, SC	38	47	2	3	2	2	1	5	11	0
Harrisburg–Carlisle, PA	22	31	1	4	0	1	5	9	14	0
Hartford–West Hartford–East Hartford, CT	67	98	11	23	3	5	17	27	26	0

**Table 6a. Diagnoses of HIV infection among adult and adolescent males, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
	Honolulu, HI	32	—	6	—	1	—	2	—	12
Houston–Baytown–Sugar Land, TX	616	928	16	47	18	35	92	155	325	2
Indianapolis, IN	131	177	6	9	4	7	19	25	39	0
Jackson, MS	62	104	0	5	4	7	4	22	54	0
Jacksonville, FL	154	175	10	12	6	7	56	63	9	0
Kansas City, MO–KS	156	185	2	3	7	10	7	10	17	0
Knoxville, TN	29	36	2	2	2	2	0	0	5	0
Lakeland, FL	43	56	2	3	0	1	22	26	12	0
Lancaster, PA	16	18	5	6	0	0	6	7	1	0
Las Vegas–Paradise, NV	249	284	15	17	16	18	5	7	10	1
Little Rock–North Little Rock, AR	35	69	2	4	2	5	0	7	38	0
Los Angeles, CA	1,575	2,589	33	75	57	102	15	68	415	1
Los Angeles Division	1,320	2,269	27	68	48	91	12	63	411	1
Santa Ana Division	255	320	6	7	9	11	3	4	4	0
Louisville, KY–IN	68	128	5	9	1	3	3	14	63	0
Madison, WI	20	29	0	0	2	3	0	1	9	0
McAllen–Edinburg–Pharr, TX	48	64	1	2	1	3	4	6	15	1
Memphis, TN–MS–AR	108	231	1	13	2	10	36	72	147	0
Miami, FL	1,184	1,481	47	79	25	35	374	493	278	1
Fort Lauderdale Division	434	562	23	37	15	20	92	139	126	0
Miami Division	638	774	20	34	9	13	212	267	118	1
West Palm Beach Division	112	145	4	8	1	2	70	87	34	0
Milwaukee–Waukesha–West Allis, WI	95	133	2	5	3	5	3	8	34	0
Minneapolis–St. Paul–Bloomington, MN–WI	169	236	3	6	10	13	9	18	56	0
Modesto, CA	12	16	1	1	0	0	1	2	2	0
Nashville–Davidson–Murfreesboro, TN	158	234	5	7	1	5	10	24	71	0
New Haven–Milford, CT	34	51	8	22	3	4	14	25	19	0
New Orleans–Metairie–Kenner, LA	152	244	16	26	8	15	17	41	108	1
New York, NY–NJ–PA	2,013	3,347	113	546	64	125	225	590	1,084	4
Edison Division	70	164	5	35	3	9	10	33	57	1
Nassau Division	120	204	9	28	7	11	13	31	54	0
New York–White Plains–Wayne Division	1,692	2,628	83	366	50	89	172	413	799	2
Newark Division	131	350	16	116	4	17	30	113	174	0
Ogden–Clearfield, UT	10	11	0	0	1	1	0	0	0	0
Oklahoma City, OK	67	98	3	5	13	16	5	9	28	0
Omaha–Council Bluffs, NE–IA	37	54	5	6	5	6	2	4	15	0
Orlando, FL	310	407	19	28	20	24	35	63	92	0
Oxnard–Thousand Oaks–Ventura, CA	25	34	1	1	0	0	0	0	3	0
Palm Bay–Melbourne–Titusville, FL	35	44	4	6	2	3	4	7	9	0
Philadelphia, PA–NJ–DE–MD	484	—	71	—	20	—	226	—	73	—
Camden Division	45	108	4	21	2	4	4	17	34	0
Philadelphia Division	393	448	61	73	17	19	207	233	25	0
Wilmington Division	46	—	6	—	1	—	15	—	14	—
Phoenix–Mesa–Scottsdale, AZ	300	361	20	23	33	38	15	21	43	0
Pittsburgh, PA	92	112	2	5	3	4	23	29	18	0
Portland–South Portland, ME	16	22	1	3	2	2	0	2	6	0
Portland–Vancouver–Beaverton, OR–WA	131	158	10	12	16	18	6	9	17	0
Poughkeepsie–Newburgh–Middletown, NY	20	32	6	11	2	3	14	21	8	0
Providence–New Bedford–Fall River, RI–MA	67	89	9	14	3	3	4	10	35	0



**Table 6a. Diagnoses of HIV infection among adult and adolescent males, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
Provo–Orem, UT	4	4	0	0	1	1	0	0	0	0
Raleigh–Cary, NC	114	143	0	3	0	2	5	17	33	0
Richmond, VA	105	147	7	10	3	5	22	33	25	0
Riverside–San Bernardino–Ontario, CA	242	319	23	29	13	17	9	14	23	0
Rochester, NY	71	105	6	12	3	5	4	11	16	0
Sacramento–Arden–Arcade–Roseville, CA	106	140	10	12	7	10	33	41	9	0
St. Louis, MO–IL	202	294	8	13	5	9	7	17	74	0
Salt Lake City, UT	32	36	2	2	14	15	0	0	2	0
San Antonio, TX	159	207	15	20	12	15	7	12	40	0
San Diego–Carlsbad–San Marcos, CA	372	469	29	36	19	25	34	45	17	0
San Francisco, CA	553	729	37	47	88	108	30	44	76	0
Oakland Division	210	286	10	13	20	26	17	24	29	0
San Francisco Division	343	443	27	34	68	82	13	20	47	0
San Jose–Sunnyvale–Santa Clara, CA	89	128	6	8	8	10	4	9	16	0
San Juan–Caguas–Guaynabo, PR	138	267	69	148	9	20	74	146	63	0
Scranton–Wilkes-Barre, PA	11	12	2	2	1	1	9	10	0	0
Seattle, WA	267	328	10	14	17	21	9	15	43	0
Seattle Division	244	290	5	7	16	18	8	13	27	0
Tacoma Division	23	38	5	7	1	3	1	2	16	0
Springfield, MA	21	—	9	—	3	—	9	—	11	—
Stockton, CA	39	51	15	18	9	11	12	16	3	0
Syracuse, NY	26	38	2	5	1	1	3	7	7	0
Tampa–St. Petersburg–Clearwater, FL	317	404	18	25	7	11	32	50	72	1
Toledo, OH	17	24	0	0	0	0	3	4	7	0
Tucson, AZ	57	77	2	4	1	2	6	7	15	0
Tulsa, OK	46	59	1	2	9	11	0	2	13	0
Virginia Beach–Norfolk–Newport News, VA–NC	131	241	3	10	3	9	7	37	105	1
Washington, DC–VA–MD–WV	589	—	37	—	31	—	115	—	467	—
Bethesda Division	37	—	0	—	2	—	8	—	59	—
Washington Division	552	—	37	—	29	—	107	—	408	—
Wichita, KS	30	35	0	0	1	1	5	6	1	0
Worcester, MA	13	—	5	—	2	—	4	—	13	—
Youngstown–Warren–Boardman, OH–PA	9	23	2	5	0	1	2	5	20	0
<b>Subtotal for MSAs (population ≥ 500,000)</b>	<b>16,898</b>	<b>23,559</b>	<b>1,010</b>	<b>1,972</b>	<b>800</b>	<b>1,145</b>	<b>2,099</b>	<b>3,477</b>	<b>6,863</b>	<b>21</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>2,153</b>	<b>3,182</b>	<b>158</b>	<b>323</b>	<b>114</b>	<b>182</b>	<b>317</b>	<b>612</b>	<b>967</b>	<b>5</b>
<b>Nonmetropolitan areas</b>	<b>1,137</b>	<b>1,756</b>	<b>100</b>	<b>197</b>	<b>69</b>	<b>121</b>	<b>213</b>	<b>419</b>	<b>688</b>	<b>4</b>
<b>Total<sup>d</sup></b>	<b>20,332</b>	<b>28,851</b>	<b>1,293</b>	<b>2,554</b>	<b>986</b>	<b>1,463</b>	<b>2,647</b>	<b>4,556</b>	<b>8,652</b>	<b>31</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes hemophilia, blood transfusion, perinatal exposure, and risk factor not reported or identified.

<sup>b</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>c</sup> Counts of diagnoses of HIV infection in the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 6b. Adult and adolescent males living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
	Akron, OH	394	468	25	33	20	24	38	46	113
Albany–Schenectady–Troy, NY	659	777	284	352	99	113	98	133	187	10
Albuquerque, NM	744	786	72	79	109	118	43	50	86	1
Allentown–Bethlehem–Easton, PA–NJ	303	357	242	281	36	42	170	190	136	13
Atlanta–Sandy Springs–Marietta, GA	10,210	13,546	1,115	1,625	1,057	1,274	626	1,496	4,788	58
Augusta–Richmond County, GA–SC	608	818	134	200	57	80	111	214	410	11
Austin–Round Rock, TX	2,457	2,648	266	282	349	366	164	201	318	7
Bakersfield, CA	589	614	378	375	301	304	142	148	55	11
Baltimore–Towson, MD	3,488	—	4,202	—	657	—	1,279	—	1,927	—
Baton Rouge, LA	838	1,239	367	431	157	244	241	375	807	11
Birmingham–Hoover, AL	1,560	1,849	146	173	104	132	187	248	446	5
Boise City–Nampa, ID	212	241	31	34	44	47	13	16	41	2
Boston–Cambridge–Quincy, MA–NH <sup>c</sup>	4,024	—	1,333	—	387	—	473	—	1,398	—
Boston Division	2,622	—	765	—	243	—	291	—	783	—
Cambridge Division	907	—	345	—	91	—	120	—	410	—
Peabody Division	356	—	203	—	42	—	52	—	173	—
Bradenton–Sarasota–Venice, FL	683	752	88	99	55	60	162	193	145	5
Bridgeport–Stamford–Norwalk, CT	657	820	551	635	53	61	247	300	287	4
Buffalo–Niagara Falls, NY	817	935	291	342	113	126	128	155	139	9
Cape Coral–Fort Myers, FL	483	595	78	104	60	69	187	235	211	5
Charleston–North Charleston, SC	699	872	116	161	75	97	170	244	354	5
Charlotte–Gastonia–Concord, NC–SC	2,027	2,657	323	437	147	216	338	587	1,133	6
Chattanooga, TN–GA	527	596	58	69	39	44	42	65	121	11
Chicago, IL–IN–WI	13,713	15,599	2,445	2,619	1,535	1,638	1,154	1,385	2,739	82
Chicago Division	12,928	14,649	2,297	2,449	1,438	1,527	1,064	1,274	2,482	70
Gary Division	459	548	87	101	56	63	56	69	149	7
Lake Division	326	402	61	69	41	48	34	42	108	5
Cincinnati–Middletown, OH–KY–IN	1,587	1,887	104	132	103	121	158	192	438	12
Cleveland–Elyria–Mentor, OH	2,088	2,488	263	303	176	208	261	310	633	16
Colorado Springs, CO	423	477	33	39	62	72	13	16	81	4
Columbia, SC	1,290	1,594	176	251	100	140	375	526	621	6
Columbus, OH	2,227	2,777	134	175	124	164	243	297	768	19
Dallas, TX	11,106	12,131	789	889	913	1,005	654	860	1,747	34
Dallas Division	9,398	10,182	454	536	652	720	465	617	1,340	22
Fort Worth Division	1,708	1,949	335	353	261	285	189	243	407	13
Dayton, OH	686	765	32	43	37	44	57	67	145	11
Denver–Aurora, CO	5,635	5,969	383	410	780	825	273	297	498	21
Des Moines, IA	276	304	27	29	35	36	28	36	41	2
Detroit, MI	4,455	5,147	538	620	369	426	306	432	1,178	38
Detroit Division	3,066	3,573	462	528	279	326	260	367	894	18
Warren Division	1,389	1,574	76	92	90	100	46	65	284	20
Durham–Chapel Hill, NC	625	803	124	176	55	81	120	217	380	5
El Paso, TX	954	991	87	93	79	84	111	121	83	9
Fresno, CA	721	721	141	138	121	119	11	11	9	3
Grand Rapids–Wyoming, MI	422	483	23	30	40	42	36	52	100	4
Greensboro–High Point, NC	801	999	105	160	50	80	111	219	420	5
Greenville, SC	543	629	57	75	32	42	89	120	167	4
Harrisburg–Carlisle, PA	484	505	225	235	68	71	111	119	54	6
Hartford–West Hartford–East Hartford, CT	724	916	979	1,039	99	110	213	252	297	3

**Table 6b. Adult and adolescent males living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
Honolulu, HI	1,066	—	83	—	104	—	30	—	64	—
Houston–Baytown–Sugar Land, TX	9,124	10,448	1,135	1,242	1,093	1,192	1,874	2,082	2,142	23
Indianapolis, IN	2,314	2,487	168	190	228	239	230	261	313	8
Jackson, MS	968	1,364	82	163	83	140	175	323	731	8
Jacksonville, FL	2,173	2,181	351	345	281	275	755	750	62	4
Kansas City, MO–KS	2,737	2,981	152	170	344	356	107	143	366	21
Knoxville, TN	605	675	63	68	32	37	35	52	104	4
Lakeland, FL	457	522	98	116	62	67	277	313	146	4
Lancaster, PA	203	250	95	123	20	26	44	57	99	5
Las Vegas–Paradise, NV	3,386	3,595	312	327	380	414	162	182	340	6
Little Rock–North Little Rock, AR	929	989	89	93	90	97	96	107	119	4
Los Angeles, CA	30,959	34,531	1,409	1,717	2,835	3,115	793	1,113	4,559	100
Los Angeles Division	26,520	30,040	1,043	1,350	2,511	2,788	689	1,004	4,401	84
Santa Ana Division	4,439	4,491	366	367	324	327	104	109	158	16
Louisville, KY–IN	1,392	1,621	151	168	132	152	146	179	345	9
Madison, WI	319	360	21	24	38	42	20	29	73	7
McAllen–Edinburg–Pharr, TX	386	451	54	69	18	27	75	83	108	1
Memphis, TN–MS–AR	2,761	3,382	175	242	158	220	597	764	951	24
Miami, FL	19,186	21,342	1,938	2,299	1,378	1,511	6,645	7,607	4,168	65
Fort Lauderdale Division	6,466	7,311	518	646	455	516	1,795	2,217	1,623	24
Miami Division	10,639	11,718	1,139	1,322	732	787	3,250	3,681	2,043	32
West Palm Beach Division	2,081	2,312	281	331	191	208	1,600	1,709	502	9
Milwaukee–Waukesha–West Allis, WI	1,415	1,581	192	212	148	166	113	142	283	10
Minneapolis–St. Paul–Bloomington, MN–WI	2,950	3,416	188	219	301	330	140	257	719	21
Modesto, CA	258	272	42	43	46	47	21	23	30	6
Nashville–Davidson–Murfreesboro, TN	2,429	2,664	396	406	179	190	275	324	353	27
New Haven–Milford, CT	711	854	786	869	77	88	217	251	249	8
New Orleans–Metairie–Kenner, LA	2,713	3,564	408	538	415	549	328	513	1,524	33
New York, NY–NJ–PA	41,556	53,364	16,705	24,138	3,881	4,923	7,835	11,443	22,722	240
Edison Division	1,246	1,623	622	824	147	181	292	416	704	22
Nassau Division	1,813	2,407	602	836	223	263	246	374	819	30
New York–White Plains–Wayne Division	36,073	45,810	13,472	19,580	3,201	4,035	6,303	9,156	18,652	159
Newark Division	2,424	3,524	2,009	2,899	310	444	994	1,498	2,547	30
Ogden–Clearfield, UT	144	157	9	10	34	36	4	6	20	0
Oklahoma City, OK	1,210	1,349	120	126	233	246	83	109	250	9
Omaha–Council Bluffs, NE–IA	519	610	53	59	75	82	55	71	139	12
Orlando, FL	4,616	5,037	769	826	394	428	449	665	811	10
Oxnard–Thousand Oaks–Ventura, CA	494	528	37	39	46	48	33	36	55	9
Palm Bay–Melbourne–Titusville, FL	426	485	84	93	54	59	81	111	123	8
Philadelphia, PA–NJ–DE–MD	8,141	—	4,301	—	1,107	—	3,451	—	982	—
Camden Division	940	1,173	393	547	102	130	216	302	473	10
Philadelphia Division	6,518	6,720	3,448	3,467	888	891	2,986	2,998	439	26
Wilmington Division	683	—	460	—	117	—	249	—	70	—
Phoenix–Mesa–Scottsdale, AZ	5,459	5,886	627	657	741	785	246	274	618	30
Pittsburgh, PA	1,550	1,594	206	230	91	94	217	233	132	21
Portland–South Portland, ME	341	374	34	46	28	31	16	23	48	4
Portland–Vancouver–Beaverton, OR–WA	2,710	2,853	250	256	352	364	112	125	213	19
Poughkeepsie–Newburgh–Middletown, NY	420	556	636	763	114	131	189	231	265	6
Providence–New Bedford–Fall River, RI–MA	820	665	486	294	113	82	240	206	185	8

**Table 6b. Adult and adolescent males living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
Provo–Orem, UT	66	69	8	9	16	16	3	4	10	4
Raleigh–Cary, NC	1,200	1,542	130	189	98	128	149	287	598	10
Richmond, VA	1,627	1,948	361	410	163	191	322	425	493	13
Riverside–San Bernardino–Ontario, CA	4,618	4,747	471	473	642	645	352	372	313	19
Rochester, NY	894	1,125	409	542	94	116	113	182	364	6
Sacramento–Arden–Arcade–Roseville, CA	1,765	1,799	219	219	329	327	291	294	66	12
St. Louis, MO–IL	3,671	4,036	216	251	252	283	263	311	618	37
Salt Lake City, UT	1,017	1,065	140	142	234	238	38	48	85	14
San Antonio, TX	2,574	2,904	273	305	196	233	173	212	509	9
San Diego–Carlsbad–San Marcos, CA	8,068	8,044	504	489	1,041	1,000	270	272	109	28
San Francisco, CA	15,620	15,988	1,244	1,225	2,743	2,741	664	703	556	40
Oakland Division	3,792	3,877	410	389	364	361	443	451	216	21
San Francisco Division	11,828	12,111	834	835	2,379	2,380	221	252	340	18
San Jose–Sunnyvale–Santa Clara, CA	1,839	1,955	142	145	211	221	127	140	177	15
San Juan–Caguas–Guaynabo, PR	2,176	2,369	3,612	3,744	583	587	1,524	1,652	523	15
Scranton–Wilkes-Barre, PA	169	196	87	97	25	28	75	84	58	5
Seattle, WA	5,212	5,533	313	330	724	745	278	332	496	27
Seattle Division	4,783	5,066	237	253	650	669	212	260	436	22
Tacoma Division	429	468	76	77	74	76	66	72	60	4
Springfield, MA	385	—	398	—	66	—	69	—	148	—
Stockton, CA	418	423	177	177	110	110	104	103	18	2
Syracuse, NY	403	477	108	135	42	47	61	80	94	8
Tampa–St. Petersburg–Clearwater, FL	4,725	5,064	558	591	465	481	780	879	632	17
Toledo, OH	448	464	38	41	38	40	64	66	45	4
Tucson, AZ	1,172	1,228	150	153	158	168	54	59	98	9
Tulsa, OK	824	873	72	74	144	151	48	62	107	3
Virginia Beach–Norfolk–Newport News, VA–NC	2,357	3,068	352	438	177	237	365	548	1,029	11
Washington, DC–VA–MD–WV	10,935	—	2,103	—	991	—	2,482	—	3,889	—
Bethesda Division	871	—	165	—	80	—	387	—	595	—
Washington Division	10,064	—	1,938	—	911	—	2,095	—	3,294	—
Wichita, KS	410	428	34	35	83	84	30	33	38	6
Worcester, MA	310	—	327	—	62	—	71	—	148	—
Youngstown–Warren–Boardman, OH–PA	197	284	55	73	19	29	50	62	143	2
<b>Subtotal for MSAs (population ≥ 500,000)</b>	<b>311,686</b>	<b>332,267</b>	<b>61,971</b>	<b>64,649</b>	<b>34,108</b>	<b>35,181</b>	<b>44,169</b>	<b>50,028</b>	<b>79,276</b>	<b>1,586</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>34,050</b>	<b>38,826</b>	<b>8,864</b>	<b>9,861</b>	<b>5,278</b>	<b>5,802</b>	<b>6,261</b>	<b>8,024</b>	<b>10,726</b>	<b>383</b>
<b>Nonmetropolitan areas</b>	<b>17,424</b>	<b>20,700</b>	<b>6,463</b>	<b>7,564</b>	<b>3,357</b>	<b>3,818</b>	<b>4,169</b>	<b>5,505</b>	<b>8,010</b>	<b>290</b>
<b>Total<sup>d</sup></b>	<b>366,720</b>	<b>395,644</b>	<b>78,329</b>	<b>83,197</b>	<b>43,318</b>	<b>45,418</b>	<b>55,197</b>	<b>64,266</b>	<b>99,159</b>	<b>2,298</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes hemophilia, blood transfusion, perinatal exposure, and risk factor not reported or identified.

<sup>b</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>c</sup> Counts of diagnoses of HIV infection in the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 7a. Diagnoses of HIV infection among adult and adolescent females, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico**

Area of residence	Injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
Akron, OH	0	1	4	8	4	0
Albany–Schenectady–Troy, NY	1	4	11	25	10	0
Albuquerque, NM	1	2	2	6	4	0
Allentown–Bethlehem–Easton, PA–NJ	2	4	6	13	6	0
Atlanta–Sandy Springs–Marietta, GA	3	42	15	278	216	0
Augusta–Richmond County, GA–SC	2	5	4	31	20	0
Austin–Round Rock, TX	5	8	17	31	14	0
Bakersfield, CA	5	8	5	11	5	0
Baltimore–Towson, MD	23	—	70	—	189	—
Baton Rouge, LA	11	20	36	95	59	0
Birmingham–Hoover, AL	3	8	10	56	45	0
Boise City–Nampa, ID	1	1	2	4	2	0
Boston–Cambridge–Quincy, MA–NH <sup>c</sup>	9	—	31	—	81	—
Boston Division	4	—	14	—	46	—
Cambridge Division	4	—	6	—	25	—
Peabody Division	1	—	9	—	9	—
Bradenton–Sarasota–Venice, FL	1	2	12	19	6	0
Bridgeport–Stamford–Norwalk, CT	2	7	23	47	15	0
Buffalo–Niagara Falls, NY	4	7	31	48	7	0
Cape Coral–Fort Myers, FL	2	2	28	31	1	0
Charleston–North Charleston, SC	0	2	10	28	18	0
Charlotte–Gastonia–Concord, NC–SC	3	11	39	96	56	0
Chattanooga, TN–GA	0	1	1	15	13	0
Chicago, IL–IN–WI	14	40	77	212	121	2
Chicago Division	13	38	69	190	108	2
Gary Division	1	2	5	9	4	0
Lake Division	0	1	3	13	9	0
Cincinnati–Middletown, OH–KY–IN	4	9	16	49	33	0
Cleveland–Elyria–Mentor, OH	5	8	8	31	24	0
Colorado Springs, CO	0	0	3	4	1	0
Columbia, SC	0	2	13	42	28	0
Columbus, OH	4	7	16	41	25	0
Dallas, TX	16	37	147	278	126	0
Dallas Division	9	25	118	219	98	0
Fort Worth Division	7	12	29	59	28	0
Dayton, OH	0	1	5	14	9	0
Denver–Aurora, CO	2	3	32	42	7	0
Des Moines, IA	0	0	5	7	2	0
Detroit, MI	19	31	11	83	76	0
Detroit Division	17	27	8	64	59	0
Warren Division	2	4	3	19	17	0
Durham–Chapel Hill, NC	0	2	9	33	23	0
El Paso, TX	0	1	3	11	8	0
Fresno, CA	2	2	12	15	0	0
Grand Rapids–Wyoming, MI	0	0	5	8	3	0
Greensboro–High Point, NC	0	4	5	31	27	0
Greenville, SC	0	2	3	12	10	0
Harrisburg–Carlisle, PA	0	2	5	10	6	0
Hartford–West Hartford–East Hartford, CT	9	18	12	36	19	0

**Table 7a. Diagnoses of HIV infection among adult and adolescent females, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico (cont)**

Area of residence	Injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
Honolulu, HI	1	—	3	—	4	—
Houston–Baytown–Sugar Land, TX	24	56	139	331	195	0
Indianapolis, IN	3	6	27	46	18	0
Jackson, MS	2	6	4	41	37	0
Jacksonville, FL	5	6	109	124	6	0
Kansas City, MO–KS	3	5	17	32	14	0
Knoxville, TN	0	0	4	8	4	0
Lakeland, FL	4	6	22	30	7	0
Lancaster, PA	2	3	10	17	6	0
Las Vegas–Paradise, NV	2	3	49	57	5	0
Little Rock–North Little Rock, AR	1	3	2	10	9	0
Los Angeles, CA	10	49	63	276	167	1
Los Angeles Division	6	44	48	258	167	1
Santa Ana Division	4	5	15	18	0	0
Louisville, KY–IN	2	5	5	27	23	0
Madison, WI	0	0	3	5	2	0
McAllen–Edinburg–Pharr, TX	0	1	10	17	6	0
Memphis, TN–MS–AR	1	6	52	105	48	0
Miami, FL	22	38	451	621	133	0
Fort Lauderdale Division	10	18	114	197	73	0
Miami Division	11	17	250	307	36	0
West Palm Beach Division	1	4	87	117	24	0
Milwaukee–Waukesha–West Allis, WI	2	4	9	26	17	0
Minneapolis–St. Paul–Bloomington, MN–WI	3	6	22	60	35	1
Modesto, CA	0	0	0	1	1	0
Nashville–Davidson–Murfreesboro, TN	5	7	23	50	25	0
New Haven–Milford, CT	5	9	11	25	10	0
New Orleans–Metairie–Kenner, LA	5	13	45	97	53	0
New York, NY–NJ–PA	52	266	343	1,262	775	2
Edison Division	2	12	10	46	23	0
Nassau Division	1	7	24	63	28	0
New York–White Plains–Wayne Division	43	197	278	948	604	1
Newark Division	6	49	31	205	120	0
Ogden–Clearfield, UT	0	0	1	1	0	0
Oklahoma City, OK	2	4	11	25	14	0
Omaha–Council Bluffs, NE–IA	0	1	8	18	9	0
Orlando, FL	12	21	73	138	61	0
Oxnard–Thousand Oaks–Ventura, CA	1	2	4	6	1	0
Palm Bay–Melbourne–Titusville, FL	0	2	7	21	14	0
Philadelphia, PA–NJ–DE–MD	39	—	236	—	43	—
Camden Division	8	21	7	33	18	0
Philadelphia Division	29	37	211	244	18	0
Wilmington Division	2	—	18	—	7	—
Phoenix–Mesa–Scottsdale, AZ	7	11	19	34	16	0
Pittsburgh, PA	2	3	7	13	6	0
Portland–South Portland, ME	0	0	1	6	4	0
Portland–Vancouver–Beaverton, OR–WA	1	3	9	17	8	0
Poughkeepsie–Newburgh–Middletown, NY	4	6	15	21	1	0
Providence–New Bedford–Fall River, RI–MA	3	5	15	26	15	0

**Table 7a. Diagnoses of HIV infection among adult and adolescent females, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico (cont)**

Area of residence	Injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
Provo–Orem, UT	0	0	1	1	0	0
Raleigh–Cary, NC	2	6	9	35	27	0
Richmond, VA	4	7	41	59	10	0
Riverside–San Bernardino–Ontario, CA	10	16	29	52	17	0
Rochester, NY	1	6	5	18	12	0
Sacramento–Arden–Arcade–Roseville, CA	6	8	14	24	6	0
St. Louis, MO–IL	6	15	27	81	51	0
Salt Lake City, UT	0	1	2	7	5	0
San Antonio, TX	12	14	17	28	11	0
San Diego–Carlsbad–San Marcos, CA	5	6	35	48	4	0
San Francisco, CA	15	23	43	83	31	1
Oakland Division	4	9	18	43	20	0
San Francisco Division	11	14	25	40	11	1
San Jose–Sunnyvale–Santa Clara, CA	2	3	10	22	9	0
San Juan–Caguas–Guaynabo, PR	9	20	89	177	24	0
Scranton–Wilkes-Barre, PA	0	1	6	9	1	0
Seattle, WA	6	11	19	48	30	0
Seattle Division	6	10	15	36	21	0
Tacoma Division	0	1	4	13	9	0
Springfield, MA	5	—	7	—	7	—
Stockton, CA	2	2	7	9	0	0
Syracuse, NY	0	0	7	13	3	0
Tampa–St. Petersburg–Clearwater, FL	15	21	82	124	35	0
Toledo, OH	0	1	6	9	2	0
Tucson, AZ	3	3	11	13	1	0
Tulsa, OK	3	4	3	7	4	0
Virginia Beach–Norfolk–Newport News, VA–NC	4	9	28	92	54	0
Washington, DC–VA–MD–WV	22	—	152	—	302	—
Bethesda Division	1	—	11	—	50	—
Washington Division	21	—	141	—	252	—
Wichita, KS	1	1	11	12	0	0
Worcester, MA	1	—	8	—	15	—
Youngstown–Warren–Boardman, OH–PA	0	0	2	4	2	0
<b>Subtotal for MSAs (population ≥500,000)</b>	<b>512</b>	<b>1,097</b>	<b>3,244</b>	<b>6,651</b>	<b>3,774</b>	<b>11</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>90</b>	<b>180</b>	<b>523</b>	<b>1,190</b>	<b>558</b>	<b>3</b>
<b>Nonmetropolitan areas</b>	<b>61</b>	<b>116</b>	<b>278</b>	<b>657</b>	<b>345</b>	<b>1</b>
<b>Total<sup>d</sup></b>	<b>670</b>	<b>1,409</b>	<b>4,069</b>	<b>8,596</b>	<b>4,729</b>	<b>16</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes hemophilia, blood transfusion, perinatal exposure, and risk factor not reported or identified.

<sup>b</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>c</sup> Counts of diagnoses of HIV infection in the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 7b. Adult and adolescent females living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico**

Area of residence	Injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
Akron, OH	15	24	82	113	45	0
Albany–Schenectady–Troy, NY	147	208	298	462	198	4
Albuquerque, NM	27	30	76	96	27	2
Allentown–Bethlehem–Easton, PA–NJ	127	158	260	342	117	2
Atlanta–Sandy Springs–Marietta, GA	589	1,222	1,329	3,749	3,049	41
Augusta–Richmond County, GA–SC	75	144	200	494	364	3
Austin–Round Rock, TX	144	175	318	450	177	3
Bakersfield, CA	51	50	92	101	15	3
Baltimore–Towson, MD	2,518	—	2,572	—	1,384	—
Baton Rouge, LA	218	322	527	1,098	749	10
Birmingham–Hoover, AL	80	131	443	744	368	4
Boise City–Nampa, ID	18	21	23	36	17	1
Boston–Cambridge–Quincy, MA–NH <sup>c</sup>	652	—	1,042	—	1,139	—
Boston Division	344	—	579	—	599	—
Cambridge Division	184	—	279	—	368	—
Peabody Division	110	—	150	—	157	—
Bradenton–Sarasota–Venice, FL	78	90	302	366	83	2
Bridgeport–Stamford–Norwalk, CT	301	360	416	564	196	4
Buffalo–Niagara Falls, NY	141	170	396	493	88	1
Cape Coral–Fort Myers, FL	72	94	323	428	136	3
Charleston–North Charleston, SC	70	102	335	481	190	4
Charlotte–Gastonia–Concord, NC–SC	167	323	629	1,336	905	7
Chattanooga, TN–GA	28	39	137	233	110	1
Chicago, IL–IN–WI	1,479	1,811	2,892	4,045	1,614	33
Chicago Division	1,407	1,703	2,690	3,740	1,465	29
Gary Division	42	65	120	177	88	1
Lake Division	30	42	82	128	61	3
Cincinnati–Middletown, OH–KY–IN	61	98	316	473	206	3
Cleveland–Elyria–Mentor, OH	124	166	502	686	252	4
Colorado Springs, CO	34	44	45	65	32	1
Columbia, SC	95	142	621	849	297	2
Columbus, OH	99	149	399	628	299	7
Dallas, TX	602	849	1,853	2,834	1,322	33
Dallas Division	362	565	1,475	2,227	1,017	19
Fort Worth Division	240	285	378	607	305	15
Dayton, OH	31	40	163	216	70	3
Denver–Aurora, CO	187	236	463	565	164	11
Des Moines, IA	8	11	49	75	31	1
Detroit, MI	491	642	818	1,451	879	18
Detroit Division	432	552	673	1,167	695	12
Warren Division	59	90	145	284	184	6
Durham–Chapel Hill, NC	68	109	195	414	273	5
El Paso, TX	32	36	133	155	32	3
Fresno, CA	116	116	140	145	10	2
Grand Rapids–Wyoming, MI	20	26	101	161	68	0
Greensboro–High Point, NC	43	110	174	469	377	3
Greenville, SC	27	38	199	250	70	1
Harrisburg–Carlisle, PA	86	90	225	238	18	0
Hartford–West Hartford–East Hartford, CT	474	540	496	624	182	0



**Table 7b. Adult and adolescent females living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	Injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
Honolulu, HI	48	—	107	—	58	—
Houston–Baytown–Sugar Land, TX	916	1,104	3,369	4,279	1,241	19
Indianapolis, IN	95	120	458	563	150	8
Jackson, MS	79	147	332	769	528	5
Jacksonville, FL	332	326	1,662	1,664	32	6
Kansas City, MO–KS	113	133	404	545	163	1
Knoxville, TN	34	40	106	154	55	1
Lakeland, FL	99	111	405	467	86	4
Lancaster, PA	58	82	109	163	80	0
Las Vegas–Paradise, NV	163	196	594	707	164	6
Little Rock–North Little Rock, AR	45	53	240	267	45	1
Los Angeles, CA	847	1,220	2,614	4,034	1,905	99
Los Angeles Division	661	1,031	2,067	3,460	1,852	88
Santa Ana Division	186	189	547	574	53	10
Louisville, KY–IN	89	111	291	416	157	2
Madison, WI	18	23	67	96	37	1
McAllen–Edinburg–Pharr, TX	19	23	113	141	35	1
Memphis, TN–MS–AR	127	201	1,498	1,981	562	4
Miami, FL	1,561	1,860	11,027	12,604	2,187	70
Fort Lauderdale Division	481	636	3,256	4,068	1,054	20
Miami Division	776	880	5,490	6,073	843	31
West Palm Beach Division	304	344	2,281	2,463	290	19
Milwaukee–Waukesha–West Allis, WI	117	145	345	455	148	2
Minneapolis–St. Paul–Bloomington, MN–WI	104	164	509	1,050	624	11
Modesto, CA	37	38	50	55	13	7
Nashville–Davidson–Murfreesboro, TN	244	257	664	775	135	7
New Haven–Milford, CT	435	488	504	627	162	2
New Orleans–Metairie–Kenner, LA	296	489	847	1,570	1,007	30
New York, NY–NJ–PA	9,496	15,035	16,529	28,152	16,933	286
Edison Division	436	575	741	1,089	487	16
Nassau Division	357	559	845	1,336	624	22
New York–White Plains–Wayne Division	7,298	11,922	13,032	22,401	13,855	216
Newark Division	1,405	1,978	1,911	3,326	1,967	32
Ogden–Clearfield, UT	7	8	19	24	7	0
Oklahoma City, OK	79	99	168	250	114	7
Omaha–Council Bluffs, NE–IA	43	52	135	244	121	3
Orlando, FL	368	416	1,525	1,873	439	12
Oxnard–Thousand Oaks–Ventura, CA	28	32	79	87	15	2
Palm Bay–Melbourne–Titusville, FL	67	80	231	298	93	7
Philadelphia, PA–NJ–DE–MD	2,228	—	4,742	—	559	—
Camden Division	149	226	321	510	262	7
Philadelphia Division	1,796	1,823	3,906	4,063	269	7
Wilmington Division	283	—	515	—	28	—
Phoenix–Mesa–Scottsdale, AZ	300	350	618	776	225	11
Pittsburgh, PA	91	107	390	445	82	5
Portland–South Portland, ME	22	31	38	65	34	1
Portland–Vancouver–Beaverton, OR–WA	100	110	284	333	67	4
Poughkeepsie–Newburgh–Middletown, NY	157	182	298	369	77	5
Providence–New Bedford–Fall River, RI–MA	311	183	387	325	138	2

**Table 7b. Adult and adolescent females living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	Injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
Provo–Orem, UT	1	2	13	15	3	0
Raleigh–Cary, NC	95	180	268	593	426	7
Richmond, VA	169	221	571	852	333	6
Riverside–San Bernardino–Ontario, CA	258	286	604	726	195	18
Rochester, NY	316	443	288	610	412	5
Sacramento–Arden–Arcade–Roseville, CA	141	144	381	403	35	6
St. Louis, MO–IL	116	165	737	977	314	3
Salt Lake City, UT	81	89	120	167	59	2
San Antonio, TX	118	159	350	509	217	6
San Diego–Carlsbad–San Marcos, CA	273	274	743	764	45	7
San Francisco, CA	813	839	1,230	1,405	284	41
Oakland Division	295	303	782	863	144	19
San Francisco Division	518	536	448	543	140	23
San Jose–Sunnyvale–Santa Clara, CA	52	65	233	306	98	12
San Juan–Caguas–Guaynabo, PR	1,070	1,096	2,584	2,829	270	6
Scranton–Wilkes-Barre, PA	40	55	74	101	42	0
Seattle, WA	186	238	483	719	319	26
Seattle Division	121	165	369	578	278	21
Tacoma Division	65	73	114	141	41	5
Springfield, MA	212	—	240	—	163	—
Stockton, CA	70	71	134	142	11	0
Syracuse, NY	69	83	206	255	48	0
Tampa–St. Petersburg–Clearwater, FL	451	512	1,717	2,052	446	12
Toledo, OH	24	31	196	221	38	2
Tucson, AZ	72	77	122	150	43	7
Tulsa, OK	47	53	118	150	44	3
Virginia Beach–Norfolk–Newport News, VA–NC	235	334	757	1,304	652	14
Washington, DC–VA–MD–WV	1,470	—	4,401	—	2,899	—
Bethesda Division	83	—	728	—	471	—
Washington Division	1,387	—	3,673	—	2,428	—
Wichita, KS	29	29	102	111	9	0
Worcester, MA	179	—	193	—	145	—
Youngstown–Warren–Boardman, OH–PA	15	27	84	126	61	2
<b>Subtotal for MSAs (population ≥500,000)</b>	<b>35,370</b>	<b>40,453</b>	<b>88,291</b>	<b>112,614</b>	<b>51,642</b>	<b>1,059</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>4,143</b>	<b>5,134</b>	<b>12,422</b>	<b>17,199</b>	<b>6,454</b>	<b>162</b>
<b>Nonmetropolitan areas</b>	<b>2,427</b>	<b>3,070</b>	<b>7,204</b>	<b>10,461</b>	<b>4,479</b>	<b>119</b>
<b>Total<sup>d</sup></b>	<b>42,367</b>	<b>49,150</b>	<b>108,840</b>	<b>141,518</b>	<b>63,149</b>	<b>1,358</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes hemophilia, blood transfusion, perinatal exposure, and risk factor not reported or identified.

<sup>b</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>c</sup> Counts of diagnoses of HIV infection in the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 8a. Diagnoses of HIV infection among black/African American adults and adolescents, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
	Akron, OH	6	8	—	—	—	—	—	—	5
Albany–Schenectady–Troy, NY	7	12	—	8	—	—	11	27	16	—
Albuquerque, NM	—	—	—	—	—	—	—	—	—	—
Allentown–Bethlehem–Easton, PA–NJ	—	—	—	—	—	—	—	—	—	—
Atlanta–Sandy Springs–Marietta, GA	281	772	5	90	—	19	20	386	605	—
Augusta–Richmond County, GA–SC	16	42	—	7	—	—	9	43	41	—
Austin–Round Rock, TX	22	30	5	7	—	—	12	19	12	—
Bakersfield, CA	—	10	6	9	—	—	6	10	7	—
Baltimore–Towson, MD	63	—	41	—	7	—	86	—	451	—
Baton Rouge, LA	66	113	15	34	—	8	57	133	127	—
Birmingham–Hoover, AL	65	104	—	8	—	—	17	63	79	—
Boise City–Nampa, ID	—	—	—	—	—	—	—	—	—	—
Boston–Cambridge–Quincy, MA–NH <sup>c</sup>	26	—	7	—	—	—	19	—	87	—
Boston Division	18	—	5	—	—	—	14	—	50	—
Cambridge Division	7	—	—	—	—	—	—	—	27	—
Peabody Division	—	—	—	—	—	—	—	—	10	—
Bradenton–Sarasota–Venice, FL	14	17	—	—	—	—	14	22	9	—
Bridgeport–Stamford–Norwalk, CT	11	18	—	11	—	—	19	40	19	—
Buffalo–Niagara Falls, NY	18	28	—	—	—	5	30	44	9	—
Cape Coral–Fort Myers, FL	9	10	—	—	—	—	32	36	—	—
Charleston–North Charleston, SC	52	63	—	—	—	—	13	36	30	—
Charlotte–Gastonia–Concord, NC–SC	143	199	—	15	—	—	41	115	107	—
Chattanooga, TN–GA	5	10	—	—	—	—	—	13	15	—
Chicago, IL–IN–WI	253	453	34	75	—	13	81	211	244	—
Chicago Division	236	413	33	69	—	12	74	188	210	—
Gary Division	11	20	—	—	—	—	7	12	14	—
Lake Division	6	20	—	—	—	—	—	10	20	—
Cincinnati–Middletown, OH–KY–IN	59	83	—	—	—	—	18	45	46	—
Cleveland–Elyria–Mentor, OH	53	89	—	8	—	—	10	32	56	—
Colorado Springs, CO	—	6	—	—	—	—	—	—	—	—
Columbia, SC	71	98	—	10	—	—	16	60	68	—
Columbus, OH	58	94	—	7	5	8	15	38	55	—
Dallas, TX	283	386	9	35	—	10	133	257	202	—
Dallas Division	246	324	8	28	—	7	107	207	158	—
Fort Worth Division	37	63	—	6	—	—	26	50	44	—
Dayton, OH	34	41	—	—	—	—	6	16	13	—
Denver–Aurora, CO	33	40	—	—	—	—	30	33	—	—
Des Moines, IA	—	—	—	—	—	—	—	5	—	—
Detroit, MI	146	234	20	42	—	7	16	99	173	—
Detroit Division	125	192	18	36	—	5	15	80	134	—
Warren Division	21	42	—	6	—	—	—	19	39	—
Durham–Chapel Hill, NC	21	31	—	6	—	—	7	31	33	—
El Paso, TX	—	6	—	—	—	—	—	—	—	—
Fresno, CA	8	11	—	—	—	—	5	6	—	—
Grand Rapids–Wyoming, MI	—	—	—	—	—	—	—	5	6	—
Greensboro–High Point, NC	47	60	—	7	—	—	6	34	40	—
Greenville, SC	21	26	—	—	—	—	—	10	13	—
Harrisburg–Carlisle, PA	5	8	—	—	—	—	6	12	10	—
Hartford–West Hartford–East Hartford, CT	15	24	6	15	—	—	12	33	22	—

**Table 8a. Diagnoses of HIV infection among black/African American adults and adolescents, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
	Honolulu, HI	—	—	—	—	—	—	—	—	—
Houston–Baytown–Sugar Land, TX	247	396	17	58	6	16	153	337	320	—
Indianapolis, IN	71	94	4	9	—	—	25	46	37	—
Jackson, MS	53	88	—	10	—	5	7	57	81	—
Jacksonville, FL	82	95	5	7	—	—	125	141	11	—
Kansas City, MO–KS	53	68	—	5	—	—	15	31	25	—
Knoxville, TN	—	—	—	—	—	—	—	—	—	—
Lakeland, FL	21	24	—	—	—	—	34	41	5	—
Lancaster, PA	—	—	—	—	—	—	—	6	—	—
Las Vegas–Paradise, NV	55	62	6	7	5	6	27	33	6	—
Little Rock–North Little Rock, AR	19	28	—	—	—	—	—	11	20	—
Los Angeles, CA	293	534	11	43	7	20	25	131	198	—
Los Angeles Division	282	521	9	41	7	20	21	126	198	—
Santa Ana Division	11	14	—	—	—	—	—	5	—	—
Louisville, KY–IN	34	60	—	9	—	—	5	25	44	—
Madison, WI	—	—	—	—	—	—	—	6	—	—
McAllen–Edinburg–Pharr, TX	—	—	—	—	—	—	—	—	—	—
Memphis, TN–MS–AR	86	189	—	16	—	8	76	160	175	—
Miami, FL	309	412	50	84	5	9	622	831	242	—
Fort Lauderdale Division	116	164	25	40	—	—	170	265	123	—
Miami Division	155	197	22	35	—	5	328	408	84	—
West Palm Beach Division	38	51	—	8	—	—	124	158	35	—
Milwaukee–Waukesha–West Allis, WI	52	74	—	—	—	—	6	23	34	—
Minneapolis–St. Paul–Bloomington, MN–WI	42	67	—	5	—	—	17	53	50	—
Modesto, CA	—	—	—	—	—	—	—	—	—	—
Nashville–Davidson–Murfreesboro, TN	72	112	7	10	—	—	21	50	59	—
New Haven–Milford, CT	12	17	—	12	—	—	15	28	14	—
New Orleans–Metairie–Kenner, LA	88	151	14	29	—	8	57	126	131	—
New York, NY–NJ–PA	724	1,231	69	451	21	47	320	1,163	1,075	—
Edison Division	23	45	—	22	—	6	5	34	33	—
Nassau Division	25	42	—	15	—	—	20	49	31	—
New York–White Plains–Wayne Division	605	966	50	303	14	30	252	841	816	—
Newark Division	71	179	13	110	—	10	43	238	195	—
Ogden–Clearfield, UT	—	—	—	—	—	—	—	—	—	—
Oklahoma City, OK	22	30	—	—	—	—	8	23	21	—
Omaha–Council Bluffs, NE–IA	9	14	—	—	—	—	5	13	12	—
Orlando, FL	91	123	18	30	5	7	61	125	86	—
Oxnard–Thousand Oaks–Ventura, CA	—	—	—	—	—	—	—	—	—	—
Palm Bay–Melbourne–Titusville, FL	9	12	—	—	—	—	6	17	14	—
Philadelphia, PA–NJ–DE–MD	266	—	54	—	8	—	322	—	67	—
Camden Division	16	38	—	18	—	—	5	31	28	—
Philadelphia Division	221	250	46	57	8	9	289	330	28	—
Wilmington Division	29	—	6	—	—	—	28	—	11	—
Phoenix–Mesa–Scottsdale, AZ	18	26	—	—	—	—	8	15	14	—
Pittsburgh, PA	45	54	—	—	—	—	14	21	12	—
Portland–South Portland, ME	—	—	—	—	—	—	—	7	8	—
Portland–Vancouver–Beaverton, OR–WA	5	7	—	—	—	—	—	5	—	—
Poughkeepsie–Newburgh–Middletown, NY	7	12	—	7	—	—	16	23	—	—
Providence–New Bedford–Fall River, RI–MA	10	12	—	—	—	—	7	15	15	—
Provo–Orem, UT	—	—	—	—	—	—	—	—	—	—

**Table 8a. Diagnoses of HIV infection among black/African American adults and adolescents, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
Raleigh–Cary, NC	56	73	—	7	—	—	9	38	44	—
Richmond, VA	70	98	11	16	—	—	57	82	26	—
Riverside–San Bernardino–Ontario, CA	38	52	11	16	—	—	8	21	17	—
Rochester, NY	38	53	—	10	—	—	7	21	15	—
Sacramento–Arden–Arcade–Roseville, CA	27	35	—	—	—	—	22	30	—	—
St. Louis, MO–IL	116	177	9	20	—	5	25	79	96	—
Salt Lake City, UT	—	—	—	—	—	—	—	—	—	—
San Antonio, TX	12	21	8	10	—	—	9	16	15	—
San Diego–Carlsbad–San Marcos, CA	39	53	7	9	—	—	11	16	6	—
San Francisco, CA	113	153	25	34	10	13	32	58	35	—
Oakland Division	79	109	8	13	6	8	18	37	25	—
San Francisco Division	34	45	17	21	—	5	14	21	10	—
San Jose–Sunnyvale–Santa Clara, CA	—	—	—	—	—	—	—	11	5	—
San Juan–Caguas–Guaynabo, PR <sup>d</sup>	—	—	—	—	—	—	—	—	—	—
Scranton–Wilkes-Barre, PA	—	—	—	—	—	—	7	10	—	—
Seattle, WA	25	33	—	—	—	—	11	31	26	—
Seattle Division	18	24	—	—	—	—	8	23	20	—
Tacoma Division	7	9	—	—	—	—	—	8	6	—
Springfield, MA	—	—	—	—	—	—	—	—	5	—
Stockton, CA	7	9	—	—	—	—	6	9	—	—
Syracuse, NY	6	10	—	—	—	—	8	13	5	—
Tampa–St. Petersburg–Clearwater, FL	81	107	11	18	—	—	60	98	51	—
Toledo, OH	7	9	—	—	—	—	5	7	—	—
Tucson, AZ	—	—	—	—	—	—	—	—	—	—
Tulsa, OK	11	14	—	—	—	—	—	6	6	—
Virginia Beach–Norfolk–Newport News, VA–NC	98	169	6	15	—	8	27	110	120	—
Washington, DC–VA–MD–WV	333	—	49	—	14	—	240	—	629	—
Bethesda Division	14	—	—	—	—	—	18	—	77	—
Washington Division	319	—	49	—	14	—	222	—	552	—
Wichita, KS	6	7	—	—	—	—	10	11	—	—
Worcester, MA	—	—	—	—	—	—	7	—	16	—
Youngstown–Warren–Boardman, OH–PA	7	15	—	—	—	—	—	6	14	—
<b>Subtotal for MSAs (population ≥500,000)</b>	<b>5,845</b>	<b>8,535</b>	<b>616</b>	<b>1,504</b>	<b>166</b>	<b>316</b>	<b>3,345</b>	<b>6,540</b>	<b>6,562</b>	<b>11</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>830</b>	<b>1,272</b>	<b>96</b>	<b>240</b>	<b>24</b>	<b>59</b>	<b>488</b>	<b>1,130</b>	<b>897</b>	<b>—</b>
<b>Nonmetropolitan areas</b>	<b>461</b>	<b>726</b>	<b>49</b>	<b>135</b>	<b>14</b>	<b>36</b>	<b>259</b>	<b>641</b>	<b>569</b>	<b>—</b>
<b>Total<sup>e</sup></b>	<b>7,208</b>	<b>10,708</b>	<b>767</b>	<b>1,904</b>	<b>205</b>	<b>417</b>	<b>4,111</b>	<b>8,388</b>	<b>8,134</b>	<b>15</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes hemophilia, blood transfusion, perinatal exposure, and risk factor not reported or identified.

<sup>b</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, have underlying relative standard errors greater than 30% and are considered unreliable. Cells with numbers or estimated numbers <5 have been suppressed. Rates are not calculated by transmission category because of the lack of denominator data.

<sup>c</sup> Counts of diagnoses of HIV infection in the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>d</sup> Data are not presented for San Juan-Caguas-Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by race/ethnicity for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>e</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 8b. Diagnoses of HIV infection among Hispanic/Latino adults and adolescents, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
Akron, OH	—	—	—	—	—	—	—	—	—	—
Albany–Schenectady–Troy, NY	—	6	—	—	—	—	—	—	—	—
Albuquerque, NM	29	36	—	—	—	—	—	—	6	—
Allentown–Bethlehem–Easton, PA–NJ	8	10	—	—	—	—	8	11	—	—
Atlanta–Sandy Springs–Marietta, GA	28	78	—	6	—	—	—	15	46	—
Augusta–Richmond County, GA–SC	—	—	—	—	—	—	—	—	—	—
Austin–Round Rock, TX	45	56	5	7	—	—	8	14	14	—
Bakersfield, CA	13	24	16	22	—	—	6	12	14	—
Baltimore–Towson, MD	—	—	—	—	—	—	—	—	14	—
Baton Rouge, LA	—	—	—	—	—	—	—	—	—	—
Birmingham–Hoover, AL	—	—	—	—	—	—	—	—	—	—
Boise City–Nampa, ID	—	—	—	—	—	—	—	—	—	—
Boston–Cambridge–Quincy, MA–NH <sup>c</sup>	26	—	16	—	—	—	17	—	57	—
Boston Division	14	—	6	—	—	—	6	—	30	—
Cambridge Division	9	—	6	—	—	—	—	—	14	—
Peabody Division	—	—	—	—	—	—	8	—	13	—
Bradenton–Sarasota–Venice, FL	—	—	—	—	—	—	—	—	—	—
Bridgeport–Stamford–Norwalk, CT	14	24	—	8	—	—	—	10	12	—
Buffalo–Niagara Falls, NY	6	8	—	6	—	—	—	—	—	—
Cape Coral–Fort Myers, FL	—	5	—	—	—	—	7	9	—	—
Charleston–North Charleston, SC	—	—	—	—	—	—	—	—	6	—
Charlotte–Gastonia–Concord, NC–SC	10	17	—	—	—	—	5	9	10	—
Chattanooga, TN–GA	—	—	—	—	—	—	—	6	—	—
Chicago, IL–IN–WI	101	186	14	26	6	9	26	48	75	—
Chicago Division	91	170	13	24	6	9	20	40	71	—
Gary Division	—	—	—	—	—	—	—	—	—	—
Lake Division	9	16	—	—	—	—	5	7	—	—
Cincinnati–Middletown, OH–KY–IN	—	—	—	—	—	—	—	—	—	—
Cleveland–Elyria–Mentor, OH	9	10	—	—	—	—	—	8	7	—
Colorado Springs, CO	—	5	—	—	—	—	—	—	—	—
Columbia, SC	—	5	—	—	—	—	—	—	—	—
Columbus, OH	8	11	—	—	—	—	—	—	—	—
Dallas, TX	201	253	6	11	—	6	30	49	52	—
Dallas Division	176	214	—	7	—	5	29	44	37	—
Fort Worth Division	25	39	—	—	—	—	—	5	15	—
Dayton, OH	—	—	—	—	—	—	—	—	—	—
Denver–Aurora, CO	37	46	—	5	8	9	11	16	10	—
Des Moines, IA	—	—	—	—	—	—	—	—	—	—
Detroit, MI	13	19	—	—	—	—	—	—	9	—
Detroit Division	6	8	—	—	—	—	—	—	—	—
Warren Division	7	11	—	—	—	—	—	—	5	—
Durham–Chapel Hill, NC	—	7	—	—	—	—	—	10	11	—
El Paso, TX	70	86	—	7	—	—	8	18	20	—
Fresno, CA	30	37	—	—	—	—	—	—	—	—
Grand Rapids–Wyoming, MI	6	8	—	—	—	—	—	—	—	—
Greensboro–High Point, NC	—	5	—	—	—	—	—	—	—	—
Greenville, SC	—	—	—	—	—	—	—	—	—	—
Harrisburg–Carlisle, PA	—	5	—	—	—	—	—	—	—	—
Hartford–West Hartford–East Hartford, CT	11	15	10	17	—	—	13	22	9	—
Honolulu, HI	—	—	—	—	—	—	—	—	—	—

**Table 8b. Diagnoses of HIV infection among Hispanic/Latino adults and adolescents, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
Houston–Baytown–Sugar Land, TX	201	302	—	17	—	7	58	97	120	—
Indianapolis, IN	5	8	—	—	—	—	12	13	—	—
Jackson, MS	—	—	—	—	—	—	—	—	—	—
Jacksonville, FL	7	8	—	—	—	—	11	12	—	—
Kansas City, MO–KS	11	13	—	—	—	—	—	—	—	—
Knoxville, TN	—	—	—	—	—	—	—	—	—	—
Lakeland, FL	—	5	—	—	—	—	—	6	—	—
Lancaster, PA	—	—	—	—	—	—	9	10	—	—
Las Vegas–Paradise, NV	82	93	—	—	—	—	8	9	—	—
Little Rock–North Little Rock, AR	—	—	—	—	—	—	—	—	—	—
Los Angeles, CA	684	1,139	14	47	16	34	33	152	269	—
Los Angeles Division	564	990	11	43	13	30	28	146	267	—
Santa Ana Division	120	149	—	—	—	—	5	6	—	—
Louisville, KY–IN	—	7	—	—	—	—	—	—	6	—
Madison, WI	—	—	—	—	—	—	—	—	—	—
McAllen–Edinburg–Pharr, TX	44	55	—	—	—	—	14	23	16	—
Memphis, TN–MS–AR	—	9	—	—	—	—	6	7	5	—
Miami, FL	481	579	8	19	10	14	157	216	104	—
Fort Lauderdale Division	85	106	—	—	6	8	20	45	38	—
Miami Division	370	442	8	14	—	6	118	147	58	—
West Palm Beach Division	26	32	—	—	—	—	19	24	8	—
Milwaukee–Waukesha–West Allis, WI	7	11	—	—	—	—	—	—	5	—
Minneapolis–St. Paul–Bloomington, MN–WI	20	27	—	—	—	—	—	—	6	—
Modesto, CA	7	9	—	—	—	—	—	—	—	—
Nashville–Davidson–Murfreesboro, TN	12	21	—	—	—	—	—	6	9	—
New Haven–Milford, CT	—	6	5	10	—	—	7	13	6	—
New Orleans–Metairie–Kenner, LA	—	10	—	—	—	—	—	—	9	—
New York, NY–NJ–PA	645	1,062	58	250	20	41	184	507	524	—
Edison Division	17	41	—	15	—	—	7	24	23	—
Nassau Division	31	56	—	13	—	—	10	28	27	—
New York–White Plains–Wayne Division	574	893	47	186	19	34	158	403	411	—
Newark Division	23	71	—	36	—	—	9	52	63	—
Ogden–Clearfield, UT	—	—	—	—	—	—	—	—	—	—
Oklahoma City, OK	—	9	—	—	—	—	—	—	5	—
Omaha–Council Bluffs, NE–IA	—	—	—	—	—	—	—	—	—	—
Orlando, FL	96	130	9	14	8	9	29	52	44	—
Oxnard–Thousand Oaks–Ventura, CA	8	11	—	—	—	—	—	5	—	—
Palm Bay–Melbourne–Titusville, FL	—	—	—	—	—	—	—	5	—	—
Philadelphia, PA–NJ–DE–MD	61	—	28	—	—	—	67	—	18	—
Camden Division	7	19	—	11	—	—	—	9	10	—
Philadelphia Division	51	57	23	28	—	—	65	73	6	—
Wilmington Division	—	—	—	—	—	—	—	—	—	—
Phoenix–Mesa–Scottsdale, AZ	96	112	13	15	10	12	13	17	13	—
Pittsburgh, PA	—	—	—	—	—	—	—	—	—	—
Portland–South Portland, ME	—	—	—	—	—	—	—	—	—	—
Portland–Vancouver–Beaverton, OR–WA	21	26	—	—	—	—	—	6	7	—
Poughkeepsie–Newburgh–Middletown, NY	—	7	—	—	—	—	5	7	—	—
Providence–New Bedford–Fall River, RI–MA	13	23	—	7	—	—	8	11	12	—
Provo–Orem, UT	—	—	—	—	—	—	—	—	—	—
Raleigh–Cary, NC	10	13	—	—	—	—	—	7	5	—

**Table 8b. Diagnoses of HIV infection among Hispanic/Latino adults and adolescents, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
Richmond, VA	—	—	—	—	—	—	—	—	—	—
Riverside–San Bernardino–Ontario, CA	85	112	9	12	5	7	19	27	12	—
Rochester, NY	—	6	—	5	—	—	—	5	5	—
Sacramento–Arden–Arcade–Roseville, CA	16	23	5	6	—	—	6	8	—	—
St. Louis, MO–IL	—	5	—	—	—	—	—	6	—	—
Salt Lake City, UT	10	11	—	—	—	—	—	—	—	—
San Antonio, TX	100	126	14	19	6	8	10	17	26	—
San Diego–Carlsbad–San Marcos, CA	142	182	12	16	—	6	29	40	12	—
San Francisco, CA	120	170	—	5	12	16	17	27	32	—
Oakland Division	40	57	—	—	—	5	5	8	8	—
San Francisco Division	80	113	—	5	8	11	12	19	24	—
San Jose–Sunnyvale–Santa Clara, CA	36	55	—	—	—	5	—	—	9	—
San Juan–Caguas–Guaynabo, PR <sup>d</sup>	—	—	—	—	—	—	—	—	—	—
Scranton–Wilkes-Barre, PA	—	—	—	—	—	—	—	—	—	—
Seattle, WA	44	60	—	—	—	—	—	8	19	—
Seattle Division	39	51	—	—	—	—	—	6	12	—
Tacoma Division	5	9	—	—	—	—	—	—	7	—
Springfield, MA	—	—	9	—	—	—	11	—	8	—
Stockton, CA	18	23	6	7	—	—	8	10	—	—
Syracuse, NY	—	—	—	—	—	—	—	—	—	—
Tampa–St. Petersburg–Clearwater, FL	59	77	5	7	—	—	23	31	18	—
Toledo, OH	—	—	—	—	—	—	—	—	—	—
Tucson, AZ	15	23	—	—	—	—	5	5	8	—
Tulsa, OK	6	10	—	—	—	—	—	—	—	—
Virginia Beach–Norfolk–Newport News, VA–NC	—	5	—	—	—	—	—	—	—	—
Washington, DC–VA–MD–WV	85	—	—	—	—	—	20	—	57	—
Bethesda Division	9	—	—	—	—	—	—	—	16	—
Washington Division	76	—	—	—	—	—	19	—	41	—
Wichita, KS	—	—	—	—	—	—	5	5	—	—
Worcester, MA	—	—	—	—	—	—	—	—	8	—
Youngstown–Warren–Boardman, OH–PA	—	—	—	—	—	—	—	—	—	—
<b>Subtotal for MSAs (population ≥500,000)</b>	<b>4,152</b>	<b>5,949</b>	<b>420</b>	<b>853</b>	<b>164</b>	<b>258</b>	<b>1,158</b>	<b>2,111</b>	<b>1,946</b>	<b>6</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>336</b>	<b>536</b>	<b>44</b>	<b>101</b>	<b>16</b>	<b>31</b>	<b>145</b>	<b>281</b>	<b>214</b>	<b>—</b>
<b>Nonmetropolitan areas</b>	<b>82</b>	<b>170</b>	<b>23</b>	<b>48</b>	<b>9</b>	<b>18</b>	<b>53</b>	<b>109</b>	<b>135</b>	<b>—</b>
<b>Total<sup>e</sup></b>	<b>4,604</b>	<b>6,730</b>	<b>509</b>	<b>1,045</b>	<b>190</b>	<b>310</b>	<b>1,371</b>	<b>2,543</b>	<b>2,332</b>	<b>7</b>

Note. Hispanics/Latinos can be of any race. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes hemophilia, blood transfusion, perinatal exposure, and risk factor not reported or identified.

<sup>b</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, have underlying relative standard errors greater than 30% and are considered unreliable. Cells with numbers or estimated numbers <5 have been suppressed. Rates are not calculated by transmission category because of the lack of denominator data.

<sup>c</sup> Counts of diagnoses of HIV infection in the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>d</sup> Data are not presented for San Juan–Caguas–Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by race/ethnicity for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>e</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.



**Table 8c. Diagnoses of HIV infection among white adults and adolescents, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
Akron, OH	6	12	—	—	—	—	—	5	8	—
Albany–Schenectady–Troy, NY	16	25	—	—	—	—	6	8	—	—
Albuquerque, NM	7	14	—	—	—	—	—	—	7	—
Allentown–Bethlehem–Easton, PA–NJ	15	22	—	—	—	—	5	9	10	—
Atlanta–Sandy Springs–Marietta, GA	75	195	—	10	6	11	—	34	91	—
Augusta–Richmond County, GA–SC	6	21	—	—	—	—	—	—	9	—
Austin–Round Rock, TX	74	96	—	5	6	8	5	12	22	—
Bakersfield, CA	10	14	8	11	7	10	—	5	—	—
Baltimore–Towson, MD	21	—	8	—	—	—	9	—	67	—
Baton Rouge, LA	19	28	—	5	—	—	—	5	13	—
Birmingham–Hoover, AL	24	39	—	—	—	—	—	10	19	—
Boise City–Nampa, ID	9	15	—	—	—	—	—	—	6	—
Boston–Cambridge–Quincy, MA–NH <sup>c</sup>	97	—	9	—	5	—	8	—	34	—
Boston Division	47	—	—	—	—	—	—	—	17	—
Cambridge Division	23	—	—	—	—	—	—	—	12	—
Peabody Division	13	—	—	—	—	—	—	—	—	—
Bradenton–Sarasota–Venice, FL	29	36	—	—	—	—	—	—	5	—
Bridgeport–Stamford–Norwalk, CT	8	12	—	5	—	—	6	10	—	—
Buffalo–Niagara Falls, NY	26	36	—	5	—	—	6	13	5	—
Cape Coral–Fort Myers, FL	15	17	—	—	—	—	9	10	—	—
Charleston–North Charleston, SC	13	16	—	—	—	—	—	—	—	—
Charlotte–Gastonia–Concord, NC–SC	47	69	5	6	—	—	—	9	19	—
Chattanooga, TN–GA	13	22	—	—	—	—	—	6	10	—
Chicago, IL–IN–WI	221	326	13	21	5	8	10	22	62	—
Chicago Division	203	297	10	17	5	7	8	18	51	—
Gary Division	12	18	—	—	—	—	—	—	5	—
Lake Division	6	11	—	—	—	—	—	—	6	—
Cincinnati–Middletown, OH–KY–IN	50	74	—	6	—	—	6	15	28	—
Cleveland–Elyria–Mentor, OH	41	67	—	—	—	—	—	—	25	—
Colorado Springs, CO	13	16	—	—	—	—	—	—	—	—
Columbia, SC	27	36	—	—	—	—	—	6	12	—
Columbus, OH	88	146	—	—	—	5	9	15	56	—
Dallas, TX	270	334	13	19	15	18	20	36	59	—
Dallas Division	233	276	6	9	12	14	11	18	30	—
Fort Worth Division	37	59	7	10	—	—	9	18	29	—
Dayton, OH	27	33	—	—	—	—	—	—	5	—
Denver–Aurora, CO	121	144	5	7	18	21	9	12	15	—
Des Moines, IA	16	23	—	—	—	—	—	—	5	—
Detroit, MI	85	113	6	9	—	—	—	10	30	—
Detroit Division	29	37	—	5	—	—	—	5	10	—
Warren Division	56	75	—	—	—	—	—	6	20	—
Durham–Chapel Hill, NC	17	21	—	—	—	—	—	6	7	—
El Paso, TX	—	9	—	—	—	—	—	—	5	—
Fresno, CA	32	40	—	—	—	—	—	—	—	—
Grand Rapids–Wyoming, MI	12	16	—	—	—	—	—	5	—	—
Greensboro–High Point, NC	16	22	—	—	—	—	—	—	10	—
Greenville, SC	15	18	—	—	—	—	—	—	6	—
Harrisburg–Carlisle, PA	13	17	—	—	—	—	—	—	7	—
Hartford–West Hartford–East Hartford, CT	40	57	—	9	—	—	—	8	14	—
Honolulu, HI	12	—	—	—	—	—	—	—	5	—

**Table 8c. Diagnoses of HIV infection among white adults and adolescents, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
Houston–Baytown–Sugar Land, TX	153	208	19	27	9	11	19	46	70	—
Indianapolis, IN	51	69	—	5	—	6	7	9	16	—
Jackson, MS	—	9	—	—	—	—	—	5	8	—
Jacksonville, FL	58	65	7	8	—	—	21	25	—	—
Kansas City, MO–KS	83	93	—	—	6	8	5	6	—	—
Knoxville, TN	23	28	—	—	—	—	—	5	6	—
Lakeland, FL	17	25	—	6	—	—	—	8	11	—
Lancaster, PA	10	11	—	5	—	—	5	8	—	—
Las Vegas–Paradise, NV	89	102	9	10	7	8	14	16	5	—
Little Rock–North Little Rock, AR	16	38	—	—	—	—	—	6	24	—
Los Angeles, CA	483	744	16	30	31	44	11	42	95	—
Los Angeles Division	387	624	11	23	25	36	8	39	94	—
Santa Ana Division	96	121	5	6	6	7	—	—	—	—
Louisville, KY–IN	32	57	—	6	—	—	—	11	30	—
Madison, WI	14	21	—	—	—	—	—	—	6	—
McAllen–Edinburg–Pharr, TX	—	8	—	—	—	—	—	—	5	—
Memphis, TN–MS–AR	16	31	—	—	—	—	—	6	14	—
Miami, FL	377	470	11	15	10	12	41	60	63	—
Fort Lauderdale Division	226	284	8	10	7	9	15	24	37	—
Miami Division	106	126	—	—	—	—	12	14	11	—
West Palm Beach Division	45	59	—	—	—	—	14	22	15	—
Milwaukee–Waukesha–West Allis, WI	31	40	—	—	—	—	—	—	10	—
Minneapolis–St. Paul–Bloomington, MN–WI	95	123	—	—	8	9	13	19	24	—
Modesto, CA	—	5	—	—	—	—	—	—	—	—
Nashville–Davidson–Murfreesboro, TN	74	100	—	—	—	—	6	13	25	—
New Haven–Milford, CT	18	26	—	8	—	—	—	7	8	—
New Orleans–Metairie–Kenner, LA	54	74	6	7	5	6	—	7	21	—
New York, NY–NJ–PA	540	884	31	90	22	34	43	131	208	—
Edison Division	24	62	—	9	—	—	6	16	20	—
Nassau Division	53	88	—	5	5	7	5	11	18	—
New York–White Plains–Wayne Division	427	640	23	58	16	23	26	81	138	—
Newark Division	36	94	—	17	—	—	6	22	32	—
Ogden–Clearfield, UT	5	5	—	—	—	—	—	—	—	—
Oklahoma City, OK	38	53	—	—	11	12	—	—	12	—
Omaha–Council Bluffs, NE–IA	25	35	—	—	5	6	5	7	7	—
Orlando, FL	119	150	—	6	6	7	17	23	23	—
Oxnard–Thousand Oaks–Ventura, CA	14	19	—	—	—	—	—	—	—	—
Palm Bay–Melbourne–Titusville, FL	23	28	—	—	—	—	—	—	6	—
Philadelphia, PA–NJ–DE–MD	140	—	27	—	8	—	58	—	28	—
Camden Division	22	50	6	13	—	—	—	8	13	—
Philadelphia Division	106	125	20	23	5	6	51	59	7	—
Wilmington Division	12	—	—	—	—	—	—	—	8	—
Phoenix–Mesa–Scottsdale, AZ	167	200	10	14	20	23	10	17	26	—
Pittsburgh, PA	42	52	—	—	—	—	14	19	11	—
Portland–South Portland, ME	14	18	—	—	—	—	—	—	—	—
Portland–Vancouver–Beaverton, OR–WA	95	113	7	9	13	14	9	15	12	—
Poughkeepsie–Newburgh–Middletown, NY	9	14	—	—	—	—	7	10	—	—
Providence–New Bedford–Fall River, RI–MA	40	49	6	8	—	—	—	10	22	—
Provo–Orem, UT	—	—	—	—	—	—	—	—	—	—
Raleigh–Cary, NC	45	54	—	—	—	—	—	6	10	—

**Table 8c. Diagnoses of HIV infection among white adults and adolescents, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
Richmond, VA	31	43	—	—	—	—	—	5	7	—
Riverside–San Bernardino–Ontario, CA	113	147	13	17	6	7	9	15	10	—
Rochester, NY	26	41	—	—	—	—	—	—	7	—
Sacramento–Arden–Arcade–Roseville, CA	54	71	9	11	—	6	18	24	7	—
St. Louis, MO–IL	78	104	—	—	—	—	—	10	22	—
Salt Lake City, UT	20	23	—	—	11	12	—	—	—	—
San Antonio, TX	42	55	5	6	5	6	—	5	9	—
San Diego–Carlsbad–San Marcos, CA	163	201	14	17	11	14	25	32	—	—
San Francisco, CA	249	317	21	26	54	65	13	27	33	—
Oakland Division	71	94	5	7	8	11	7	15	14	—
San Francisco Division	178	223	16	19	46	54	6	12	19	—
San Jose–Sunnyvale–Santa Clara, CA	42	54	5	7	—	—	6	11	—	—
San Juan–Caguas–Guaynabo, PR <sup>d</sup>	—	—	—	—	—	—	—	—	—	—
Scranton–Wilkes-Barre, PA	9	10	—	—	—	—	6	6	—	—
Seattle, WA	175	207	11	15	13	15	13	21	23	—
Seattle Division	165	188	8	11	13	14	12	18	12	—
Tacoma Division	10	19	—	—	—	—	—	—	11	—
Springfield, MA	16	—	—	—	—	—	—	—	5	—
Stockton, CA	11	15	6	7	6	7	5	6	—	—
Syracuse, NY	16	22	—	—	—	—	—	6	5	—
Tampa–St. Petersburg–Clearwater, FL	170	210	15	18	6	8	28	37	32	—
Toledo, OH	9	14	—	—	—	—	—	6	6	—
Tucson, AZ	37	46	—	—	—	—	6	7	—	—
Tulsa, OK	23	28	—	—	5	6	—	—	6	—
Virginia Beach–Norfolk–Newport News, VA–NC	30	64	—	—	—	—	—	12	33	—
Washington, DC–VA–MD–WV	153	—	5	—	13	—	6	—	66	—
Bethesda Division	10	—	—	—	—	—	—	—	15	—
Washington Division	143	—	—	—	12	—	6	—	51	—
Wichita, KS	18	21	—	—	—	—	—	—	—	—
Worcester, MA	7	—	—	—	—	—	—	—	—	—
Youngstown–Warren–Boardman, OH–PA	—	—	—	—	—	—	—	—	—	—
<b>Subtotal for MSAs (population ≥500,000)</b>	<b>6,169</b>	<b>8,102</b>	<b>438</b>	<b>637</b>	<b>426</b>	<b>516</b>	<b>658</b>	<b>1,173</b>	<b>1,819</b>	<b>13</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>922</b>	<b>1,274</b>	<b>98</b>	<b>144</b>	<b>67</b>	<b>83</b>	<b>180</b>	<b>338</b>	<b>363</b>	<b>—</b>
<b>Nonmetropolitan areas</b>	<b>557</b>	<b>804</b>	<b>84</b>	<b>123</b>	<b>41</b>	<b>59</b>	<b>156</b>	<b>286</b>	<b>296</b>	<b>—</b>
<b>Total<sup>e</sup></b>	<b>7,682</b>	<b>10,278</b>	<b>623</b>	<b>911</b>	<b>535</b>	<b>662</b>	<b>1,000</b>	<b>1,818</b>	<b>2,516</b>	<b>20</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes hemophilia, blood transfusion, perinatal exposure, and risk factor not reported or identified.

<sup>b</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, have underlying relative standard errors greater than 30% and are considered unreliable. Cells with numbers or estimated numbers <5 have been suppressed. Rates are not calculated by transmission category because of the lack of denominator data.

<sup>c</sup> Counts of diagnoses of HIV infection in the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>d</sup> Data are not presented for San Juan-Caguas-Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by race/ethnicity for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>e</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 9a. Black/African American adults and adolescents living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
	Akron, OH	118	147	20	33	8	10	67	96	79
Albany–Schenectady–Troy, NY	135	167	160	218	28	32	171	270	169	—
Albuquerque, NM	35	40	11	14	6	9	11	17	16	—
Allentown–Bethlehem–Easton, PA–NJ	35	43	51	68	8	8	96	127	57	—
Atlanta–Sandy Springs–Marietta, GA	5,856	8,031	1,391	2,365	647	810	1,622	4,480	6,040	51
Augusta–Richmond County, GA–SC	380	525	174	296	36	53	261	620	650	8
Austin–Round Rock, TX	307	358	189	209	81	87	218	308	190	—
Bakersfield, CA	150	158	104	104	88	90	68	73	20	—
Baltimore–Towson, MD	2,126	—	5,770	—	510	—	3,266	—	2,634	—
Baton Rouge, LA	523	835	506	661	98	174	687	1,346	1,368	12
Birmingham–Hoover, AL	847	1,023	138	202	53	72	489	795	604	6
Boise City–Nampa, ID	—	6	—	—	—	—	—	6	7	—
Boston–Cambridge–Quincy, MA–NH <sup>c</sup>	577	—	541	—	97	—	807	—	1,498	—
Boston Division	449	—	425	—	78	—	542	—	909	—
Cambridge Division	91	—	88	—	15	—	221	—	488	—
Peabody Division	31	—	26	—	—	—	32	—	89	—
Bradenton–Sarasota–Venice, FL	99	114	51	64	15	16	268	316	91	—
Bridgeport–Stamford–Norwalk, CT	122	150	356	417	21	24	333	439	186	—
Buffalo–Niagara Falls, NY	278	319	192	232	41	45	280	350	112	—
Cape Coral–Fort Myers, FL	73	102	58	85	14	18	311	409	168	—
Charleston–North Charleston, SC	333	434	134	197	38	54	410	588	394	6
Charlotte–Gastonia–Concord, NC–SC	1,097	1,465	398	623	79	128	784	1,576	1,529	11
Chattanooga, TN–GA	151	181	51	63	14	16	104	176	124	—
Chicago, IL–IN–WI	4,917	5,873	2,734	3,097	819	876	2,580	3,642	2,734	35
Chicago Division	4,622	5,515	2,624	2,953	772	823	2,438	3,417	2,529	32
Gary Division	211	252	58	83	31	34	93	146	138	—
Lake Division	84	106	52	61	16	19	49	79	67	—
Cincinnati–Middletown, OH–KY–IN	572	709	87	133	46	59	282	414	362	5
Cleveland–Elyria–Mentor, OH	987	1,204	187	251	78	99	502	680	555	6
Colorado Springs, CO	70	79	12	17	7	9	28	37	28	—
Columbia, SC	869	1,085	226	330	70	102	851	1,176	732	—
Columbus, OH	564	771	129	192	44	65	404	613	541	10
Dallas, TX	2,859	3,325	700	934	302	361	1,579	2,434	1,766	19
Dallas Division	2,406	2,782	452	649	217	262	1,270	1,937	1,403	9
Fort Worth Division	453	543	248	285	85	100	309	497	363	11
Dayton, OH	253	291	33	50	18	23	136	188	129	—
Denver–Aurora, CO	507	561	134	163	82	92	355	402	153	7
Des Moines, IA	24	32	8	10	—	—	25	52	39	—
Detroit, MI	2,612	3,075	833	1,033	239	285	884	1,543	1,580	15
Detroit Division	2,235	2,630	769	940	219	259	785	1,336	1,353	14
Warren Division	377	445	64	93	20	26	99	207	227	—
Durham–Chapel Hill, NC	373	477	174	249	37	53	257	514	486	7
El Paso, TX	24	29	19	21	7	8	15	22	16	—
Fresno, CA	60	59	92	88	27	27	44	44	—	—
Grand Rapids–Wyoming, MI	61	82	22	32	7	8	64	125	96	—
Greensboro–High Point, NC	432	553	126	225	37	59	225	563	609	—
Greenville, SC	253	296	61	83	16	23	213	277	149	—
Harrisburg–Carlisle, PA	96	103	137	145	23	25	160	173	30	—
Hartford–West Hartford–East Hartford, CT	123	165	416	462	29	33	238	313	159	—
Honolulu, HI	44	—	10	—	10	—	17	—	14	—

**Table 9a. Black/African American adults and adolescents living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
Houston–Baytown–Sugar Land, TX	2,852	3,489	1,361	1,564	424	491	3,427	4,245	1,988	13
Indianapolis, IN	668	756	132	166	67	74	391	498	272	6
Jackson, MS	754	1,059	114	250	43	92	469	1,006	1,084	8
Jacksonville, FL	1,085	1,092	427	418	131	128	1,920	1,914	57	5
Kansas City, MO–KS	813	910	121	147	78	88	269	405	281	5
Knoxville, TN	76	97	38	45	8	10	46	82	68	—
Lakeland, FL	123	155	65	85	15	19	450	522	143	—
Lancaster, PA	11	17	30	39	—	—	39	58	36	—
Las Vegas–Paradise, NV	632	679	161	182	61	72	333	402	167	—
Little Rock–North Little Rock, AR	385	407	74	83	27	30	238	264	84	—
Los Angeles, CA	4,473	5,243	622	899	590	677	951	1,608	1,839	35
Los Angeles Division	4,329	5,092	562	837	573	659	874	1,525	1,819	35
Santa Ana Division	144	151	60	62	17	18	77	83	20	—
Louisville, KY–IN	405	500	152	176	51	62	270	369	250	—
Madison, WI	31	44	22	23	6	8	44	63	40	—
McAllen–Edinburg–Pharr, TX	6	6	—	—	—	—	—	—	—	—
Memphis, TN–MS–AR	2,052	2,577	225	356	96	154	1,899	2,492	1,334	17
Miami, FL	4,000	5,055	2,100	2,587	489	579	13,513	15,499	4,141	79
Fort Lauderdale Division	1,112	1,510	576	788	129	170	4,155	5,166	1,811	22
Miami Division	2,251	2,794	1,212	1,420	289	327	6,215	6,956	1,798	38
West Palm Beach Division	637	750	312	379	71	82	3,143	3,377	532	19
Milwaukee–Waukesha–West Allis, WI	572	669	188	225	71	83	282	390	280	—
Minneapolis–St. Paul–Bloomington, MN–WI	447	724	135	198	61	84	341	866	910	5
Modesto, CA	14	14	10	10	—	—	9	10	—	—
Nashville–Davidson–Murfreesboro, TN	816	922	426	443	76	82	628	738	264	9
New Haven–Milford, CT	138	182	486	549	25	29	311	393	171	—
New Orleans–Metairie–Kenner, LA	1,136	1,662	510	781	170	268	984	1,778	1,899	31
New York, NY–NJ–PA	12,177	16,890	12,377	20,305	1,493	1,999	13,395	23,671	22,820	226
Edison Division	262	354	486	651	47	58	480	736	507	7
Nassau Division	380	541	395	607	74	88	480	812	630	12
New York–White Plains–Wayne Division	10,346	14,194	9,035	15,457	1,177	1,574	10,239	18,373	18,358	168
Newark Division	1,189	1,801	2,461	3,590	195	279	2,196	3,750	3,325	39
Ogden–Clearfield, UT	16	18	—	—	—	—	—	6	5	—
Oklahoma City, OK	270	313	41	57	41	48	90	151	147	5
Omaha–Council Bluffs, NE–IA	95	121	29	37	15	17	87	173	128	—
Orlando, FL	1,241	1,416	503	571	126	144	1,222	1,608	704	6
Oxnard–Thousand Oaks–Ventura, CA	16	18	—	—	—	—	11	12	5	—
Palm Bay–Melbourne–Titusville, FL	81	98	45	57	10	12	191	253	104	—
Philadelphia, PA–NJ–DE–MD	3,817	—	4,013	—	609	—	5,746	—	858	—
Camden Division	330	420	252	388	43	57	287	465	396	—
Philadelphia Division	3,162	3,232	3,209	3,228	485	484	4,910	5,033	401	8
Wilmington Division	325	—	552	—	81	—	549	—	61	—
Phoenix–Mesa–Scottsdale, AZ	361	411	164	184	87	94	181	241	150	—
Pittsburgh, PA	374	390	182	208	40	42	360	406	102	—
Portland–South Portland, ME	14	18	5	13	—	—	21	39	28	—
Portland–Vancouver–Beaverton, OR–WA	130	147	43	47	22	26	106	122	42	—
Poughkeepsie–Newburgh–Middletown, NY	92	129	317	386	42	46	207	269	144	—
Providence–New Bedford–Fall River, RI–MA	100	90	228	168	19	16	192	191	95	—
Provo–Orem, UT	—	—	—	—	—	—	—	—	—	—
Raleigh–Cary, NC	566	729	162	268	62	79	323	680	680	10

**Table 9a. Black/African American adults and adolescents living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
Richmond, VA	959	1,171	429	511	119	139	746	1,075	636	7
Riverside–San Bernardino–Ontario, CA	462	510	202	221	68	76	311	374	166	5
Rochester, NY	214	303	339	483	41	51	193	405	398	—
Sacramento–Arden–Arcade–Roseville, CA	247	254	102	103	49	50	250	261	28	—
St. Louis, MO–IL	1,611	1,830	215	276	133	155	741	961	604	8
Salt Lake City, UT	36	46	25	28	5	6	42	77	48	—
San Antonio, TX	245	296	78	99	28	36	111	187	166	—
San Diego–Carlsbad–San Marcos, CA	803	801	178	176	139	131	265	271	31	6
San Francisco, CA	2,064	2,136	1,073	1,055	530	528	976	1,075	283	12
Oakland Division	1,146	1,165	447	427	113	111	751	804	159	8
San Francisco Division	918	971	626	628	417	417	225	270	124	—
San Jose–Sunnyvale–Santa Clara, CA	132	144	41	46	19	20	93	124	56	—
San Juan–Caguas–Guaynabo, PR <sup>d</sup>	—	—	—	—	—	—	—	—	—	—
Scranton–Wilkes-Barre, PA	19	22	43	50	10	11	31	41	20	—
Seattle, WA	464	571	131	165	60	72	326	505	352	16
Seattle Division	389	490	91	121	49	60	261	428	325	14
Tacoma Division	75	82	40	44	11	12	65	78	27	—
Springfield, MA	57	—	101	—	11	—	58	—	95	—
Stockton, CA	71	73	94	95	22	22	83	86	12	—
Syracuse, NY	70	89	75	97	16	18	126	161	60	—
Tampa–St. Petersburg–Clearwater, FL	1,011	1,136	408	472	102	112	1,461	1,739	554	9
Toledo, OH	130	134	37	41	14	15	157	172	39	—
Tucson, AZ	57	62	30	31	14	15	40	54	23	—
Tulsa, OK	140	154	12	18	20	25	66	96	64	—
Virginia Beach–Norfolk–Newport News, VA–NC	1,462	1,889	438	589	106	148	907	1,540	1,245	11
Washington, DC–VA–MD–WV	5,398	—	3,078	—	659	—	5,797	—	5,260	—
Bethesda Division	295	—	144	—	33	—	859	—	711	—
Washington Division	5,103	—	2,934	—	626	—	4,938	—	4,549	—
Wichita, KS	63	70	12	13	14	15	60	67	16	—
Worcester, MA	26	—	76	—	7	—	77	—	142	—
Youngstown–Warren–Boardman, OH–PA	74	107	48	69	12	18	75	109	102	—
<b>Subtotal for MSAs (population ≥500,000)</b>	<b>85,601</b>	<b>95,360</b>	<b>49,220</b>	<b>53,161</b>	<b>11,048</b>	<b>11,627</b>	<b>81,063</b>	<b>101,515</b>	<b>77,842</b>	<b>826</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>9,430</b>	<b>11,739</b>	<b>5,305</b>	<b>6,601</b>	<b>1,447</b>	<b>1,766</b>	<b>10,240</b>	<b>14,968</b>	<b>9,993</b>	<b>137</b>
<b>Nonmetropolitan areas</b>	<b>5,644</b>	<b>7,506</b>	<b>4,131</b>	<b>5,326</b>	<b>1,207</b>	<b>1,512</b>	<b>6,502</b>	<b>9,923</b>	<b>7,576</b>	<b>119</b>
<b>Total<sup>e</sup></b>	<b>101,682</b>	<b>115,689</b>	<b>59,189</b>	<b>65,657</b>	<b>13,866</b>	<b>15,081</b>	<b>98,394</b>	<b>127,222</b>	<b>96,330</b>	<b>1,093</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes hemophilia, blood transfusion, perinatal exposure, and risk factor not reported or identified.

<sup>b</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, have underlying relative standard errors greater than 30% and are considered unreliable. Cells with numbers or estimated numbers <5 have been suppressed. Rates are not calculated by transmission category because of the lack of denominator data.

<sup>c</sup> Counts of diagnoses of HIV infection in the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>d</sup> Data are not presented for San Juan–Caguas–Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by race/ethnicity for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>e</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 9b. Hispanic/Latino adults and adolescents living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
	Akron, OH	10	11	—	—	—	—	—	—	—
Albany–Schenectady–Troy, NY	63	76	130	150	20	22	69	86	41	—
Albuquerque, NM	353	379	44	49	41	47	55	66	59	—
Allentown–Bethlehem–Easton, PA–NJ	55	70	221	251	11	13	171	214	95	—
Atlanta–Sandy Springs–Marietta, GA	504	740	55	112	38	51	104	252	430	—
Augusta–Richmond County, GA–SC	8	16	6	9	—	—	5	10	16	—
Austin–Round Rock, TX	674	745	78	94	72	78	131	174	149	—
Bakersfield, CA	221	233	178	175	103	104	112	118	26	—
Baltimore–Towson, MD	111	—	73	—	13	—	109	—	96	—
Baton Rouge, LA	11	17	—	5	—	—	12	17	14	—
Birmingham–Hoover, AL	22	31	—	5	—	—	13	20	18	—
Boise City–Nampa, ID	26	31	—	5	—	—	8	14	14	—
Boston–Cambridge–Quincy, MA–NH <sup>c</sup>	543	—	677	—	54	—	383	—	465	—
Boston Division	348	—	325	—	32	—	192	—	217	—
Cambridge Division	131	—	195	—	15	—	71	—	99	—
Peabody Division	58	—	153	—	7	—	117	—	145	—
Bradenton–Sarasota–Venice, FL	60	83	34	38	—	—	51	68	49	—
Bridgeport–Stamford–Norwalk, CT	152	196	268	321	12	15	210	266	137	—
Buffalo–Niagara Falls, NY	66	85	133	152	15	18	90	105	40	—
Cape Coral–Fort Myers, FL	55	79	35	44	5	7	81	103	60	—
Charleston–North Charleston, SC	18	36	—	7	—	—	17	29	35	—
Charlotte–Gastonia–Concord, NC–SC	100	158	—	17	—	8	37	85	121	—
Chattanooga, TN–GA	12	17	—	—	—	—	5	10	12	—
Chicago, IL–IN–WI	2,395	2,811	502	586	234	257	760	926	722	17
Chicago Division	2,278	2,664	473	548	220	241	714	867	666	16
Gary Division	48	56	15	18	—	5	17	20	17	—
Lake Division	69	91	14	20	10	12	29	39	39	—
Cincinnati–Middletown, OH–KY–IN	25	34	12	13	—	—	28	33	15	—
Cleveland–Elyria–Mentor, OH	93	127	106	105	12	14	81	93	62	—
Colorado Springs, CO	57	60	8	11	9	10	7	11	10	—
Columbia, SC	23	43	—	8	—	—	27	38	39	—
Columbus, OH	54	74	18	20	—	—	27	31	32	—
Dallas, TX	2,052	2,318	169	236	116	139	418	582	566	8
Dallas Division	1,759	1,974	92	146	81	99	323	446	444	5
Fort Worth Division	293	344	77	90	35	40	95	136	122	—
Dayton, OH	14	16	—	—	—	—	—	—	—	—
Denver–Aurora, CO	947	1,040	134	150	119	131	140	178	167	—
Des Moines, IA	20	26	—	—	—	5	5	8	11	—
Detroit, MI	125	161	33	39	—	—	48	61	65	—
Detroit Division	79	107	25	30	—	—	34	45	52	—
Warren Division	46	55	8	10	—	—	14	15	13	—
Durham–Chapel Hill, NC	32	67	—	10	—	5	26	57	78	—
El Paso, TX	833	863	82	89	58	62	211	232	87	9
Fresno, CA	363	363	70	70	43	42	71	74	7	—
Grand Rapids–Wyoming, MI	49	63	7	9	—	—	23	27	22	—
Greensboro–High Point, NC	35	51	—	6	—	—	9	24	37	—
Greenville, SC	33	42	—	5	—	—	15	20	17	—
Harrisburg–Carlisle, PA	23	26	70	73	10	11	46	50	13	—
Hartford–West Hartford–East Hartford, CT	143	198	737	784	43	47	321	373	149	—
Honolulu, HI	94	—	17	—	10	—	6	—	8	—

**Table 9b. Hispanic/Latino adults and adolescents living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
Houston–Baytown–Sugar Land, TX	2,296	2,700	245	312	175	206	1,119	1,290	742	10
Indianapolis, IN	97	120	15	17	12	13	61	66	33	—
Jackson, MS	9	18	—	—	—	—	—	11	21	—
Jacksonville, FL	90	92	36	37	10	10	84	85	5	—
Kansas City, MO–KS	199	241	28	34	29	31	52	65	60	—
Knoxville, TN	12	18	—	—	—	—	—	8	11	—
Lakeland, FL	48	60	35	39	7	8	81	91	30	—
Lancaster, PA	27	42	70	94	—	6	62	87	67	—
Las Vegas–Paradise, NV	804	847	61	71	61	68	148	172	89	—
Little Rock–North Little Rock, AR	25	28	—	—	—	—	5	10	11	—
Los Angeles, CA	11,699	13,642	783	1,094	827	980	1,719	2,549	3,199	81
Los Angeles Division	9,989	11,898	566	872	730	879	1,385	2,197	3,104	75
Santa Ana Division	1,710	1,745	217	222	97	101	334	352	95	6
Louisville, KY–IN	38	54	7	9	—	—	17	25	26	—
Madison, WI	25	31	—	—	—	—	10	14	11	—
McAllen–Edinburg–Pharr, TX	343	402	61	78	17	25	181	213	128	—
Memphis, TN–MS–AR	28	43	8	10	—	—	39	48	25	—
Miami, FL	7,347	7,935	678	787	380	404	2,862	3,213	1,228	22
Fort Lauderdale Division	1,165	1,302	125	153	76	82	385	479	283	—
Miami Division	5,857	6,263	470	540	276	292	2,109	2,342	847	16
West Palm Beach Division	325	370	83	94	28	30	368	393	98	—
Milwaukee–Waukesha–West Allis, WI	128	158	73	77	17	19	90	103	53	—
Minneapolis–St. Paul–Bloomington, MN–WI	216	285	36	42	15	18	62	88	108	—
Modesto, CA	96	102	18	19	6	6	28	30	14	5
Nashville–Davidson–Murfreesboro, TN	93	114	8	10	—	—	49	59	33	—
New Haven–Milford, CT	137	178	383	431	16	18	230	275	122	—
New Orleans–Metairie–Kenner, LA	120	186	13	30	18	27	55	95	140	—
New York, NY–NJ–PA	11,842	15,492	9,728	13,570	1,385	1,694	7,760	11,354	10,884	115
Edison Division	246	329	200	282	20	27	251	356	256	—
Nassau Division	382	527	161	269	37	46	292	432	326	6
New York–White Plains–Wayne Division	10,748	13,953	8,803	12,250	1,262	1,532	6,758	9,894	9,672	96
Newark Division	466	683	564	769	66	89	459	672	630	9
Ogden–Clearfield, UT	22	25	—	—	6	6	6	9	7	—
Oklahoma City, OK	76	98	20	24	16	18	33	48	45	—
Omaha–Council Bluffs, NE–IA	47	70	—	6	—	6	24	34	40	—
Orlando, FL	789	896	363	387	91	99	448	549	258	—
Oxnard–Thousand Oaks–Ventura, CA	219	229	16	18	16	17	62	68	23	—
Palm Bay–Melbourne–Titusville, FL	25	31	15	18	7	8	26	33	19	—
Philadelphia, PA–NJ–DE–MD	620	—	1,159	—	156	—	1,018	—	239	—
Camden Division	87	129	163	212	17	23	118	158	136	6
Philadelphia Division	491	530	938	950	133	134	849	868	94	—
Wilmington Division	42	—	58	—	6	—	51	—	9	—
Phoenix–Mesa–Scottsdale, AZ	1,347	1,492	262	288	161	172	288	348	260	6
Pittsburgh, PA	39	40	21	23	—	—	16	17	5	—
Portland–South Portland, ME	14	16	8	10	—	—	—	6	6	—
Portland–Vancouver–Beaverton, OR–WA	259	302	32	39	12	15	41	53	66	—
Poughkeepsie–Newburgh–Middletown, NY	94	140	298	360	39	46	126	151	114	—
Providence–New Bedford–Fall River, RI–MA	99	106	181	126	23	17	215	187	90	—
Provo–Orem, UT	18	20	6	7	—	—	7	8	—	—
Raleigh–Cary, NC	67	125	8	23	—	7	29	72	121	—



**Table 9b. Hispanic/Latino adults and adolescents living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
Richmond, VA	33	55	21	26	—	—	38	51	38	—
Riverside–San Bernardino–Ontario, CA	1,124	1,209	204	216	130	132	334	384	191	13
Rochester, NY	92	135	231	302	11	16	82	173	188	—
Sacramento–Arden–Arcade–Roseville, CA	270	277	48	49	38	37	104	109	17	—
St. Louis, MO–IL	96	110	10	15	—	5	18	32	33	—
Salt Lake City, UT	148	162	55	60	32	34	35	48	35	—
San Antonio, TX	1,502	1,679	199	236	85	105	292	369	358	10
San Diego–Carlsbad–San Marcos, CA	2,361	2,375	236	235	237	232	403	414	51	10
San Francisco, CA	2,710	2,809	238	252	371	378	370	419	167	15
Oakland Division	691	710	79	81	47	47	187	201	50	6
San Francisco Division	2,019	2,099	159	171	324	330	183	217	117	9
San Jose–Sunnyvale–Santa Clara, CA	661	716	60	68	63	68	133	161	101	—
San Juan–Caguas–Guaynabo, PR <sup>d</sup>	—	—	—	—	—	—	—	—	—	—
Scranton–Wilkes-Barre, PA	17	21	18	24	—	—	29	38	18	—
Seattle, WA	490	549	54	64	60	65	86	117	109	—
Seattle Division	450	504	38	47	53	58	57	84	99	—
Tacoma Division	40	45	16	17	7	7	29	33	10	—
Springfield, MA	88	—	398	—	28	—	204	—	139	—
Stockton, CA	148	148	43	43	28	28	71	73	5	—
Syracuse, NY	23	27	33	36	5	5	25	32	10	—
Tampa–St. Petersburg–Clearwater, FL	500	570	190	205	39	42	360	436	181	—
Toledo, OH	24	26	—	—	—	—	13	15	5	—
Tucson, AZ	356	371	76	77	43	46	52	57	33	—
Tulsa, OK	43	54	9	11	6	7	16	20	19	—
Virginia Beach–Norfolk–Newport News, VA–NC	61	92	28	34	—	—	47	70	59	—
Washington, DC–VA–MD–WV	941	—	129	—	53	—	560	—	531	—
Bethesda Division	130	—	22	—	11	—	146	—	98	—
Washington Division	811	—	107	—	42	—	414	—	433	—
Wichita, KS	49	53	11	12	7	7	24	25	7	—
Worcester, MA	43	—	242	—	20	—	111	—	62	—
Youngstown–Warren–Boardman, OH–PA	8	19	7	9	—	—	13	18	19	—
<b>Subtotal for MSAs (population ≥500,000)</b>	<b>63,882</b>	<b>72,237</b>	<b>25,837</b>	<b>29,738</b>	<b>6,444</b>	<b>7,044</b>	<b>28,524</b>	<b>34,559</b>	<b>25,491</b>	<b>426</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>4,047</b>	<b>4,916</b>	<b>3,485</b>	<b>3,856</b>	<b>828</b>	<b>924</b>	<b>3,326</b>	<b>3,965</b>	<b>2,179</b>	<b>59</b>
<b>Nonmetropolitan areas</b>	<b>1,290</b>	<b>1,859</b>	<b>1,671</b>	<b>1,982</b>	<b>369</b>	<b>444</b>	<b>1,200</b>	<b>1,538</b>	<b>1,412</b>	<b>22</b>
<b>Total<sup>e</sup></b>	<b>69,907</b>	<b>79,784</b>	<b>31,586</b>	<b>36,250</b>	<b>7,744</b>	<b>8,523</b>	<b>33,692</b>	<b>40,811</b>	<b>29,363</b>	<b>512</b>

Note. Hispanics/Latinos can be of any race. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes hemophilia, blood transfusion, perinatal exposure, and risk factor not reported or identified.

<sup>b</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, have underlying relative standard errors greater than 30% and are considered unreliable. Cells with numbers or estimated numbers <5 have been suppressed. Rates are not calculated by transmission category because of the lack of denominator data.

<sup>c</sup> Counts of diagnoses of HIV infection in the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>d</sup> Data are not presented for San Juan-Caguas-Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by race/ethnicity for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>e</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 9c. White adults and adolescents living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
	Akron, OH	259	303	17	20	12	14	48	56	75
Albany–Schenectady–Troy, NY	412	473	100	135	37	43	104	161	127	8
Albuquerque, NM	314	319	40	41	53	53	44	51	26	—
Allentown–Bethlehem–Easton, PA–NJ	203	229	86	107	16	19	134	160	92	13
Atlanta–Sandy Springs–Marietta, GA	3,569	4,433	221	318	340	379	197	426	1,233	45
Augusta–Richmond County, GA–SC	213	267	28	38	20	25	45	77	103	6
Austin–Round Rock, TX	1,442	1,508	139	150	193	197	125	158	146	5
Bakersfield, CA	197	201	141	140	101	100	47	50	19	6
Baltimore–Towson, MD	1,151	—	722	—	108	—	370	—	505	—
Baton Rouge, LA	295	377	74	85	58	67	68	108	169	8
Birmingham–Hoover, AL	672	759	83	92	50	56	122	160	158	—
Boise City–Nampa, ID	176	195	42	45	41	42	25	30	33	—
Boston–Cambridge–Quincy, MA–NH <sup>c</sup>	2,821	—	745	—	230	—	291	—	496	—
Boston Division	1,780	—	349	—	129	—	127	—	224	—
Cambridge Division	654	—	239	—	60	—	89	—	152	—
Peabody Division	263	—	131	—	30	—	46	—	90	—
Bradenton–Sarasota–Venice, FL	513	546	81	87	38	40	132	162	88	5
Bridgeport–Stamford–Norwalk, CT	372	458	215	240	18	20	110	140	144	5
Buffalo–Niagara Falls, NY	402	445	79	93	43	47	104	131	51	5
Cape Coral–Fort Myers, FL	351	408	56	67	40	44	116	149	115	—
Charleston–North Charleston, SC	337	388	46	55	34	39	76	105	109	—
Charlotte–Gastonia–Concord, NC–SC	804	999	85	114	60	74	136	242	363	—
Chattanooga, TN–GA	358	391	35	44	25	27	68	109	92	9
Chicago, IL–IN–WI	5,903	6,337	578	622	404	421	577	693	747	54
Chicago Division	5,543	5,908	499	528	371	383	478	567	607	42
Gary Division	194	232	55	64	21	24	63	76	79	6
Lake Division	166	197	24	29	12	14	36	50	61	6
Cincinnati–Middletown, OH–KY–IN	969	1,115	65	83	57	61	158	210	255	10
Cleveland–Elyria–Mentor, OH	983	1,103	91	104	82	86	162	194	214	14
Colorado Springs, CO	287	326	45	52	43	50	22	32	70	—
Columbia, SC	389	452	42	54	28	33	113	152	136	—
Columbus, OH	1,560	1,856	83	104	75	91	195	255	451	15
Dallas, TX	6,003	6,264	508	547	481	489	448	588	651	32
Dallas Division	5,078	5,250	263	290	343	347	299	393	447	19
Fort Worth Division	925	1,013	245	257	138	142	149	195	204	13
Dayton, OH	411	442	28	30	18	21	77	86	74	10
Denver–Aurora, CO	4,074	4,244	278	303	562	580	218	253	309	22
Des Moines, IA	226	239	23	25	27	27	38	41	20	—
Detroit, MI	1,613	1,782	142	162	115	122	172	235	345	37
Detroit Division	682	750	83	90	50	53	98	125	142	14
Warren Division	931	1,033	59	72	65	69	74	111	203	23
Durham–Chapel Hill, NC	212	247	13	21	15	20	26	49	78	—
El Paso, TX	94	96	15	16	12	12	18	20	10	—
Fresno, CA	266	267	83	83	47	47	27	29	9	—
Grand Rapids–Wyoming, MI	305	328	11	12	28	29	46	54	44	—
Greensboro–High Point, NC	315	371	20	37	12	18	42	87	136	—
Greenville, SC	255	288	19	25	15	17	57	70	70	—
Harrisburg–Carlisle, PA	336	345	78	81	25	26	110	114	25	6
Hartford–West Hartford–East Hartford, CT	445	537	291	323	25	28	143	180	166	—
Honolulu, HI	603	—	61	—	54	—	40	—	49	—

**Table 9c. White adults and adolescents living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
Houston–Baytown–Sugar Land, TX	3,821	4,069	423	446	481	481	611	725	591	18
Indianapolis, IN	1,485	1,538	107	116	145	147	213	230	139	9
Jackson, MS	198	263	45	52	38	44	28	57	120	5
Jacksonville, FL	946	945	200	198	132	129	355	357	30	5
Kansas City, MO–KS	1,670	1,766	112	118	228	229	171	193	171	16
Knoxville, TN	511	552	56	59	24	26	89	112	76	—
Lakeland, FL	277	298	95	101	40	40	136	151	56	—
Lancaster, PA	159	181	42	57	13	15	48	66	62	—
Las Vegas–Paradise, NV	1,803	1,918	243	260	247	263	236	273	237	11
Little Rock–North Little Rock, AR	504	537	56	57	58	60	83	89	62	—
Los Angeles, CA	13,373	14,044	784	861	1,307	1,341	581	757	1,124	62
Los Angeles Division	10,991	11,660	519	600	1,112	1,148	379	551	1,048	44
Santa Ana Division	2,382	2,383	265	261	195	193	202	207	76	18
Louisville, KY–IN	933	1,051	78	91	79	87	139	186	218	9
Madison, WI	256	274	15	20	27	29	30	43	51	9
McAllen–Edinburg–Pharr, TX	37	43	9	11	—	—	—	7	15	—
Memphis, TN–MS–AR	658	735	67	75	59	62	141	186	146	11
Miami, FL	7,480	7,970	649	709	481	499	1,038	1,224	910	33
Fort Lauderdale Division	4,034	4,326	276	314	244	256	405	515	533	19
Miami Division	2,369	2,497	196	206	148	150	310	353	223	7
West Palm Beach Division	1,077	1,147	177	189	89	93	323	356	154	7
Milwaukee–Waukesha–West Allis, WI	687	721	46	52	55	59	76	86	83	10
Minneapolis–St. Paul–Bloomington, MN–WI	2,204	2,301	100	117	207	210	204	279	257	23
Modesto, CA	140	146	49	49	36	37	27	31	22	7
Nashville–Davidson–Murfreesboro, TN	1,497	1,601	204	208	100	104	251	287	181	22
New Haven–Milford, CT	421	476	346	369	34	38	175	205	113	9
New Orleans–Metairie–Kenner, LA	1,424	1,672	175	207	218	244	123	189	465	25
New York, NY–NJ–PA	15,827	18,698	3,510	4,420	829	1,010	2,383	3,335	4,676	155
Edison Division	701	887	355	437	73	88	273	360	375	26
Nassau Division	931	1,179	340	428	86	99	255	360	392	31
New York–White Plains–Wayne Division	13,471	15,678	2,452	3,089	623	755	1,641	2,286	3,458	86
Newark Division	724	954	363	465	47	68	214	328	451	13
Ogden–Clearfield, UT	100	106	10	11	27	28	11	13	12	—
Oklahoma City, OK	787	852	119	125	163	167	105	129	150	11
Omaha–Council Bluffs, NE–IA	362	399	56	60	54	55	74	96	78	10
Orlando, FL	2,509	2,636	258	271	171	178	275	340	258	11
Oxnard–Thousand Oaks–Ventura, CA	244	265	45	48	26	27	36	40	41	7
Palm Bay–Melbourne–Titusville, FL	311	345	90	96	36	38	92	115	84	10
Philadelphia, PA–NJ–DE–MD	3,429	—	1,182	—	299	—	1,161	—	381	—
Camden Division	509	598	121	160	41	47	124	167	170	7
Philadelphia Division	2,615	2,698	934	945	228	232	881	904	185	20
Wilmington Division	305	—	127	—	30	—	156	—	26	—
Phoenix–Mesa–Scottsdale, AZ	3,530	3,730	463	488	453	470	344	397	362	29
Pittsburgh, PA	1,048	1,073	76	86	38	38	193	210	91	22
Portland–South Portland, ME	313	340	43	54	25	27	28	40	47	5
Portland–Vancouver–Beaverton, OR–WA	2,249	2,320	257	260	304	308	214	239	147	19
Poughkeepsie–Newburgh–Middletown, NY	206	253	123	139	26	31	113	134	72	5
Providence–New Bedford–Fall River, RI–MA	600	449	380	177	67	45	205	139	131	6
Provo–Orem, UT	45	45	—	—	13	13	8	9	7	—
Raleigh–Cary, NC	537	650	48	70	33	41	58	117	209	6

**Table 9c. White adults and adolescents living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other <sup>a</sup>	
	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>	No.	Est. No. <sup>b</sup>
Richmond, VA	614	691	74	86	43	49	97	134	135	11
Riverside–San Bernardino–Ontario, CA	2,922	2,911	311	308	431	423	282	306	130	16
Rochester, NY	533	617	102	133	33	39	101	162	143	5
Sacramento–Arden–Arcade–Roseville, CA	1,163	1,179	198	199	231	228	280	288	50	9
St. Louis, MO–IL	1,909	2,037	101	117	112	119	220	269	275	31
Salt Lake City, UT	813	834	133	136	191	192	75	81	54	15
San Antonio, TX	785	881	108	121	82	90	112	151	184	—
San Diego–Carlsbad–San Marcos, CA	4,607	4,569	341	329	627	600	294	298	65	19
San Francisco, CA	9,853	10,006	661	670	1,692	1,684	386	429	312	38
Oakland Division	1,748	1,780	157	161	189	187	205	216	118	21
San Francisco Division	8,105	8,227	504	509	1,503	1,496	181	213	194	18
San Jose–Sunnyvale–Santa Clara, CA	899	924	86	88	118	120	98	109	69	15
San Juan–Caguas–Guaynabo, PR <sup>d</sup>	—	—	—	—	—	—	—	—	—	—
Scranton–Wilkes-Barre, PA	129	149	51	63	11	14	72	88	60	5
Seattle, WA	3,988	4,103	276	297	560	563	293	351	282	31
Seattle Division	3,699	3,789	194	212	507	509	225	270	224	24
Tacoma Division	289	314	82	85	53	54	68	80	58	7
Springfield, MA	233	—	109	—	26	—	44	—	70	—
Stockton, CA	164	166	105	104	52	52	63	65	8	—
Syracuse, NY	293	337	51	63	19	21	90	108	56	6
Tampa–St. Petersburg–Clearwater, FL	3,129	3,261	392	404	317	319	621	694	317	19
Toledo, OH	285	291	19	24	21	22	89	97	31	—
Tucson, AZ	711	740	104	108	95	98	74	85	68	12
Tulsa, OK	556	580	84	85	97	98	72	82	63	—
Virginia Beach–Norfolk–Newport News, VA–NC	787	1,005	112	136	65	76	149	216	327	14
Washington, DC–VA–MD–WV	4,320	—	306	—	255	—	387	—	829	—
Bethesda Division	404	—	67	—	31	—	81	—	215	—
Washington Division	3,916	—	239	—	224	—	306	—	614	—
Wichita, KS	276	282	36	35	59	60	41	44	21	5
Worcester, MA	234	—	183	—	35	—	74	—	79	—
Youngstown–Warren–Boardman, OH–PA	114	148	13	18	5	8	43	53	65	—
<b>Subtotal for MSAs (population ≥500,000)</b>	<b>152,017</b>	<b>153,618</b>	<b>20,030</b>	<b>19,727</b>	<b>15,394</b>	<b>15,238</b>	<b>19,167</b>	<b>22,088</b>	<b>23,572</b>	<b>1,251</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>19,781</b>	<b>21,204</b>	<b>3,919</b>	<b>4,197</b>	<b>2,853</b>	<b>2,938</b>	<b>4,613</b>	<b>5,628</b>	<b>4,533</b>	<b>329</b>
<b>Nonmetropolitan areas</b>	<b>9,923</b>	<b>10,745</b>	<b>2,791</b>	<b>2,999</b>	<b>1,685</b>	<b>1,751</b>	<b>3,276</b>	<b>4,021</b>	<b>3,149</b>	<b>250</b>
<b>Total<sup>e</sup></b>	<b>183,490</b>	<b>187,441</b>	<b>27,044</b>	<b>27,256</b>	<b>20,220</b>	<b>20,227</b>	<b>27,308</b>	<b>32,058</b>	<b>31,680</b>	<b>1,866</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes hemophilia, blood transfusion, perinatal exposure, and risk factor not reported or identified.

<sup>b</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, have underlying relative standard errors greater than 30% and are considered unreliable. Cells with numbers or estimated numbers <5 have been suppressed. Rates are not calculated by transmission category because of the lack of denominator data.

<sup>c</sup> Counts of diagnoses of HIV infection in the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>d</sup> Data are not presented for San Juan-Caguas-Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by race/ethnicity for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>e</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 10. Deaths of adults and adolescents with diagnosed HIV infection, by metropolitan statistical area of residence and sex, 2009—United States and Puerto Rico**

Area of residence	Males			Females		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate
Akron, OH	15	24	8.6	3	5	1.8
Albany–Schenectady–Troy, NY	21	28	7.8	10	13	3.5
Albuquerque, NM	26	38	11.1	3	4	1.2
Allentown–Bethlehem–Easton, PA–NJ	7	10	3.1	6	9	2.6
Atlanta–Sandy Springs–Marietta, GA	285	384	17.9	87	117	5.2
Augusta–Richmond County, GA–SC	35	48	23.2	11	15	6.5
Austin–Round Rock, TX	60	81	11.5	14	18	2.7
Bakersfield, CA	29	41	12.5	5	7	2.4
Baltimore–Towson, MD	219	—	—	80	—	—
Baton Rouge, LA	70	114	36.2	51	81	24.4
Birmingham–Hoover, AL	55	78	17.5	18	27	5.6
Boise City–Nampa, ID	3	4	1.8	0	0	0.0
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	106	—	—	43	—	—
Boston Division	63	—	—	24	—	—
Cambridge Division	26	—	—	9	—	—
Peabody Division	12	—	—	7	—	—
Bradenton–Sarasota–Venice, FL	28	40	14.0	13	17	5.6
Bridgeport–Stamford–Norwalk, CT	35	49	13.7	14	20	5.3
Buffalo–Niagara Falls, NY	33	42	9.3	15	18	3.7
Cape Coral–Fort Myers, FL	19	26	10.6	12	16	6.4
Charleston–North Charleston, SC	37	51	19.3	12	17	6.0
Charlotte–Gastonia–Concord, NC–SC	95	138	20.3	46	66	9.1
Chattanooga, TN–GA	7	10	5.0	9	12	5.2
Chicago, IL–IN–WI	156	258	6.8	55	92	2.3
Chicago Division	136	226	7.1	50	83	2.5
Gary Division	16	26	9.3	5	9	2.9
Lake Division	4	7	1.9	0	0	0.0
Cincinnati–Middletown, OH–KY–IN	47	72	8.4	8	13	1.5
Cleveland–Elyria–Mentor, OH	74	121	14.6	20	32	3.5
Colorado Springs, CO	7	10	4.0	1	1	0.5
Columbia, SC	52	70	23.8	28	39	12.2
Columbus, OH	44	72	9.9	14	23	3.0
Dallas, TX	309	442	17.3	93	130	5.1
Dallas Division	247	359	20.9	67	96	5.7
Fort Worth Division	62	82	9.9	26	34	4.0
Dayton, OH	25	40	11.9	4	6	1.7
Denver–Aurora, CO	93	132	12.8	11	15	1.4
Des Moines, IA	5	7	3.0	2	4	1.6
Detroit, MI	116	185	10.5	54	90	4.7
Detroit Division	91	144	19.2	45	75	9.0
Warren Division	25	41	4.0	9	15	1.4
Durham–Chapel Hill, NC	28	42	21.0	7	11	4.9
El Paso, TX	27	35	12.9	4	6	2.0
Fresno, CA	23	31	8.7	7	10	2.8
Grand Rapids–Wyoming, MI	8	13	4.2	2	3	1.0
Greensboro–High Point, NC	36	52	18.4	14	20	6.5
Greenville, SC	22	30	11.7	4	6	2.2
Harrisburg–Carlisle, PA	6	9	4.1	0	0	0.0
Hartford–West Hartford–East Hartford, CT	82	113	23.1	33	45	8.6

**Table 10. Deaths of adults and adolescents with diagnosed HIV infection, by metropolitan statistical area of residence and sex, 2009—United States and Puerto Rico (cont)**

Area of residence	Males			Females		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate
Honolulu, HI	18	—	—	1	—	—
Houston–Baytown–Sugar Land, TX	360	515	22.3	151	215	9.3
Indianapolis, IN	66	106	15.4	9	15	2.0
Jackson, MS	59	83	40.5	28	40	17.2
Jacksonville, FL	118	161	30.5	62	83	14.7
Kansas City, MO–KS	69	94	11.4	10	14	1.6
Knoxville, TN	10	13	4.7	2	3	0.9
Lakeland, FL	28	40	17.0	16	21	8.6
Lancaster, PA	3	5	2.4	1	2	0.8
Las Vegas–Paradise, NV	91	128	16.4	19	27	3.6
Little Rock–North Little Rock, AR	30	48	18.0	9	14	4.8
Los Angeles, CA	571	869	16.7	103	155	2.9
Los Angeles Division	501	754	19.0	98	146	3.6
Santa Ana Division	70	115	9.3	5	9	0.7
Louisville, KY–IN	50	72	14.3	12	17	3.1
Madison, WI	5	9	3.6	3	5	1.9
McAllen–Edinburg–Pharr, TX	24	30	11.8	4	6	2.0
Memphis, TN–MS–AR	21	31	6.3	8	11	2.0
Miami, FL	740	1,014	45.2	363	492	20.5
Fort Lauderdale Division	256	352	49.5	103	140	18.4
Miami Division	375	513	51.0	185	249	23.1
West Palm Beach Division	109	150	28.5	75	103	18.4
Milwaukee–Waukesha–West Allis, WI	28	45	7.3	7	11	1.7
Minneapolis–St. Paul–Bloomington, MN–WI	57	92	7.0	19	31	2.3
Modesto, CA	8	11	5.5	0	0	0.0
Nashville–Davidson–Murfreesboro, TN	52	73	11.6	12	16	2.4
New Haven–Milford, CT	37	52	15.1	18	25	6.6
New Orleans–Metairie–Kenner, LA	141	225	47.9	47	75	14.6
New York, NY–NJ–PA	1,742	2,206	28.9	917	1,159	14.0
Edison Division	41	47	5.0	31	39	3.9
Nassau Division	56	72	6.1	27	35	2.8
New York–White Plains–Wayne Division	1,442	1,847	39.7	734	935	18.2
Newark Division	203	240	28.2	125	149	16.5
Ogden–Clearfield, UT	2	3	1.2	1	1	0.6
Oklahoma City, OK	43	71	14.6	3	5	1.0
Omaha–Council Bluffs, NE–IA	16	22	6.5	4	6	1.6
Orlando, FL	125	174	20.6	53	74	8.4
Oxnard–Thousand Oaks–Ventura, CA	7	10	3.1	2	3	1.0
Palm Bay–Melbourne–Titusville, FL	17	23	10.0	12	16	6.8
Philadelphia, PA–NJ–DE–MD	283	—	—	125	—	—
Camden Division	33	41	8.2	13	17	3.1
Philadelphia Division	204	311	19.6	92	140	7.9
Wilmington Division	46	—	—	20	—	—
Phoenix–Mesa–Scottsdale, AZ	125	173	9.8	11	14	0.8
Pittsburgh, PA	29	44	4.5	6	9	0.8
Portland–South Portland, ME	6	8	3.7	0	0	0.0
Portland–Vancouver–Beaverton, OR–WA	43	59	6.4	13	18	1.9
Poughkeepsie–Newburgh–Middletown, NY	21	27	9.7	17	22	7.9
Providence–New Bedford–Fall River, RI–MA	41	29	6.8	12	8	1.8
Provo–Orem, UT	0	0	0.0	0	0	0.0

**Table 10. Deaths of adults and adolescents with diagnosed HIV infection, by metropolitan statistical area of residence and sex, 2009—United States and Puerto Rico (cont)**

Area of residence	Males			Females		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate
Raleigh–Cary, NC	34	48	10.7	17	23	5.0
Richmond, VA	58	82	16.7	25	35	6.5
Riverside–San Bernardino–Ontario, CA	92	151	9.2	24	40	2.4
Rochester, NY	38	49	11.6	12	14	3.2
Sacramento–Arden–Arcade–Roseville, CA	39	53	6.2	6	9	1.0
St. Louis, MO–IL	87	140	12.3	24	39	3.2
Salt Lake City, UT	19	27	6.0	4	6	1.4
San Antonio, TX	76	99	12.3	20	27	3.1
San Diego–Carlsbad–San Marcos, CA	121	197	15.7	15	24	1.9
San Francisco, CA	341	487	27.1	56	84	4.6
Oakland Division	90	147	14.3	33	52	4.9
San Francisco Division	251	341	44.1	23	32	4.1
San Jose–Sunnyvale–Santa Clara, CA	36	48	6.3	5	6	0.9
San Juan–Caguas–Guaynabo, PR <sup>C</sup>	191	257	—	83	111	—
Scranton–Wilkes-Barre, PA	4	7	3.0	0	0	0.0
Seattle, WA	116	161	11.4	16	21	1.5
Seattle Division	107	147	13.5	13	17	1.6
Tacoma Division	9	14	4.4	3	4	1.2
Springfield, MA	20	—	—	14	—	—
Stockton, CA	15	21	8.1	4	5	1.9
Syracuse, NY	17	21	8.0	10	12	4.3
Tampa–St. Petersburg–Clearwater, FL	206	285	25.4	74	100	8.3
Toledo, OH	11	19	6.9	3	5	1.7
Tucson, AZ	26	37	9.1	4	5	1.2
Tulsa, OK	23	37	10.0	3	5	1.2
Virginia Beach–Norfolk–Newport News, VA–NC	110	152	22.6	38	55	7.7
Washington, DC–VA–MD–WV	202	—	—	65	—	—
Bethesda Division	19	—	—	5	—	—
Washington Division	183	—	—	60	—	—
Wichita, KS	12	17	7.0	2	3	1.1
Worcester, MA	11	—	—	12	—	—
Youngstown–Warren–Boardman, OH–PA	11	18	8.0	3	5	2.0
<b>Subtotal for MSAs (population ≥500,000)</b>	<b>9,347</b>	<b>12,274</b>	<b>16.5</b>	<b>3,432</b>	<b>4,412</b>	<b>5.7</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>1,448</b>	<b>2,008</b>	<b>9.2</b>	<b>485</b>	<b>679</b>	<b>3.0</b>
<b>Nonmetropolitan areas</b>	<b>926</b>	<b>1,288</b>	<b>6.4</b>	<b>330</b>	<b>466</b>	<b>2.3</b>
<b>Total<sup>d</sup></b>	<b>11,841</b>	<b>15,733</b>	<b>13.5</b>	<b>4,288</b>	<b>5,612</b>	<b>4.6</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection for the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> The 2009 post-censal estimates do not include population denominators by sex or age for Puerto Rico. Therefore, estimated rates were not calculated for San Juan–Caguas–Guaynabo, PR.

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.