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Social Determinants of Health Among Adults with Diagnosed HIV Infection, 2017

Part A: Census Tract-level Social Determinants of Health and Diagnosed HIV Infection United States and Puerto Rico

Part B: County-level Social Determinants of Health, Selected Care Outcomes, and Diagnosed HIV Infection 41 States and the District of Columbia



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On the Web: http://www.cdc.gov/hiv/library/reports/hiv-surveillance.html

Confidential information, referrals, and educational material on HIV infection CDC-INFO 1-800-232-4636 (in English, en Español) 1-888-232-6348 (TTY) http://wwwn.cdc.gov/dcs/ContactUs/Form

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Part A: Census Tract-level Social Determinants of Health and Diagnosed HIV Infection—United States and Puerto Rico

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Abbreviations

- ACS American Community Survey
- AIDS acquired immunodeficiency syndrome
- CD4 CD4+ T-lymphocyte count (cells/µL) or percentage
- CDC Centers for Disease Control and Prevention
- DHAP Division of HIV/AIDS Prevention
- HIV human immunodeficiency virus
- NHSS National HIV Surveillance System
- NIR no identified risk factor
- SDH social determinants of health
- VA United States Department of Veterans Affairs

HIV continues to disproportionately affect various populations in the United States. According to the 2017 *HIV Surveillance Report*, numbers and rates of annual diagnoses of HIV infection decreased from 2012 through 2016 in the United States [1]; however, numbers and rates increased in some populations and remained stable in others. Differences in HIV burden, by sex and race/ethnicity (i.e., blacks/African Americans, Hispanics/Latinos, and whites), have long been highlighted through HIV surveillance data in the United States. Factors other than individual attributes related to sex, race/ethnicity, or behavioral risk factors are likely contributing to the rate disparity, and may be partly explained through a better understanding of the social determinants that affect the health of populations.

The term *social determinants of health* (SDH) refers to the overlapping social structures and economic systems (e.g., social environment, physical environment, health services, and structural and societal factors) that are responsible for most health inequities [2]. Stratifying public health data by key SDH is useful in monitoring health inequities. Addressing the SDH that adversely affect health outcomes may advance efforts in reducing disparities in HIV diagnosis rates between populations. Addressing SDH also helps to quantify health differences between populations or geographic areas and can provide insight for identifying populations or areas that may benefit from HIV testing, prevention, and treatment initiatives.

In the white paper Establishing a Holistic Framework to Reduce Inequities in HIV, Viral Hepatitis, STDs, and Tuberculosis in the United States [2], the Centers for Disease Control and Prevention (CDC) outlined its vision for reducing health disparities and promoting health equity, with an emphasis on the need to move beyond individual interventions and toward the incorporation of community-level approaches to preventing the transmission of HIV. CDC has adopted the SDH conceptual framework of the World Health Organization, which relates structural determinants (e.g., socioeconomic status, poverty) to intermediary determinants (e.g., psychosocial, behavioral, and biological factors) that may affect individual health status [3]. This framework helps in determining priorities and focusing intervention efforts.

Recognizing the gaps in data regarding SDH and HIV, especially for geographic areas smaller than a state or county, CDC's Division of HIV/AIDS Prevention (DHAP) has incorporated geocoding of HIV surveillance data by state and local HIV surveillance programs. The purpose of the activity is to capture, store, analyze, and display geocoded HIV surveillance data along with SDH indicators that may affect HIV transmission. The activity requires that HIV surveillance data are geocoded to the census tract level for addresses of residence at the time of diagnosis and linked at the census tract level to SDH indicator variable data from the U.S. Census Bureau's American Community Survey (ACS). Using census tract-level surveillance data at the state or local level increases the ability to assess the geographic distribution of HIV, the social determinants associated with HIV, and the relationship of HIV to other diseases and health care resources in a defined area.

This surveillance supplemental report presents data on persons aged 18 years and older with HIV infection diagnosed in 2017 and reported to the National HIV Surveillance System (NHSS) through December 2018. Data were limited to persons aged 18 years and older to more accurately represent the population from which the SDH indicator variables were collected by ACS. The numbers, percentages, and rates of diagnoses of HIV infection were based on data reported from state/local areas that geocoded, linked to ACS, and transmitted to CDC SDH information on cases diagnosed during 2017.

REPORT FORMAT

This report presents numbers and rates of diagnoses of HIV infection in 2017 among persons aged 18 years and older by 4 SDH indicators and selected characteristics that include sex, age, race/ethnicity, transmission category and area of residence. SDH data by race/ ethnicity are presented for blacks/African Americans, Hispanics/Latinos, and whites only (Tables 8a/b/c and 9a/b/c); the numbers of HIV diagnoses among American Indians/Alaska Natives, Asians, Native Hawaiians/other Pacific Islanders, and persons of multiple races were too small for meaningful analysis. The SDH data presented in this report are the result of the linkage of geocoded HIV diagnosis data (at the census tract level) to SDH indicator variables from the 2013–2017 ACS and are based on where the person was living at the time of diagnosis.

The following are the measures for the 4 SDH indicators presented in this report:

- Federal poverty status: proportion of residents in the census tract who were living below the U.S. poverty level (i.e., below a specified threshold) at any time during the 12 months before the survey response (individuals aged 18 years and older)
- Education level: proportion of residents in the census tract with less than a high school diploma (individuals aged 18 years and older)
- Median household income: median income for a household within the census tract during the 12 months before the survey response
- Health insurance coverage: proportion of residents in the census tract without health insurance or health coverage plan (individuals aged 18 years and older)

These SDH indicators were included in this report because they are generally recognized in the scientific literature as population determinants of health. Although other social determinants may affect health, research on social determinants has emphasized the need to incorporate these specific structural and societal factors into analyses of public health data [4–7]. Readers are encouraged to review Technical Notes for more information on the definitions of the SDH indicator variables used in this report.

Data in this report were limited to persons whose HIV infection had been diagnosed and whose complete residential address information could be geocoded to the census tract level. Due to missing data, address type is not applicable for Montana, Nevada, and South Dakota. Cases or census tracts were excluded if

- the address was nonresidential (e.g., military base, corrections facility)
- no census tract was associated with the case
- no SDH information was available for the census tract
- the census tract from the surveillance data could not be matched to a census tract provided by the ACS

The data presented in this HIV surveillance supplemental report are a snapshot of the environment in which people lived at the time of HIV diagnosis. Some SDH indicators may be correlated (e.g., lack of education has been associated with both poverty and low income in the United States [8, 9]), but correlations between SDH indicators were not analyzed for this report. Additional research may guide the development of public health strategies to address the SDH that contribute to the burden of HIV disease in specific populations and may guide the allocation of resources for prevention and treatment services. Caution should be used when interpreting results.

Reported numbers less than 12 and accompanying rates based on these numbers, should be interpreted with caution. Please read all titles and footnotes carefully to ensure a complete understanding of the displayed data.

REPORT CHANGES

This report marks the first time geocoded HIV surveillance data have been included from all 50 states, the District of Columbia, and Puerto Rico, as CDC now funds all jurisdictions to geocode their HIV surveillance data.

New to this report are the following:

- Table 1 displays data for all races/ethnicities
- Census tract-level, HIV and ACS SDH data (for the 50 states, the District of Columbia, and Puerto Rico), are displayed in Tables 4–7
- Census tract-level, ACS SDH data (for the 50 states, the District of Columbia, and Puerto Rico) are displayed in supplemental tables (S1–S4). These data were obtained directly from the U.S. Census Bureau's 2013–2017 ACS estimates [10]
- Census tract-level linkage to HIV medical care, by SDH, are displayed in Tables 10–13

Linkage to HIV medical care data analyzed at the census tract level were added to this report (Part A) to help identify and understand linkage to care among persons with diagnosed HIV residing in small geographic areas. Linkage to care data analyzed at the census tract level (Part A) provide a different picture than the county-level linkage to care data presented in Part B, as census tract-level data represent a smaller geographic area than county-level data. Monitoring linkage to medical care (on the basis of NHSS data) is dependent upon complete reporting of HIV-related laboratory results (including CD4+ T-lymphocyte [CD4] and viral load results) to HIV surveillance programs and CDC. Although most jurisdictions have regulations that require laboratories and providers to report at least a subset of CD4 and viral load test results to health departments, not all jurisdictions have mandatory reporting of all levels of CD4 and viral load (i.e., detectable and undetectable) results. As of December 2018, 42 jurisdictions (41 states and the District of Columbia) required reporting of all levels of CD4 and viral load test results and had reported to CDC at least 95% of the test results they had received by December 2018 (for specimens collected from January 2016 through September 2018). See Technical Notes for a list of the 42 jurisdictions.

Presentation of data by employment status is no longer included in this report. When measuring employment status, it is important to account for underemployment, which is the condition in which people in a labor force are employed at less than fulltime or regular jobs or at jobs inadequate with respect to their training or economic needs [11]. Underemployment has been associated with health challenges, and research has shown that those earners with the lowest wages are the most likely to be uninsured [12]. Because we do not have data on persons who may be underemployed to provide additional context on the potential impact of employment status on persons with diagnosed HIV, data on employment status are no longer included in this report.

Vacant housing is no longer included in this report. Although vacant housing is associated with poor health outcomes, the variable does not take into account confounding factors, such as stability, quality, safety, affordability, and neighborhood [13].

HIGHLIGHTS OF ANALYSES

The statements in this section, unless otherwise indicated, are based on stable numbers (i.e., based on 12 or more diagnoses). All rates are per 100,000 population and refer to adults aged 18 years and older. Social determinants of health data are estimates for the period 2013–2017, and HIV surveillance data are based on diagnoses of HIV infection in 2017 among adults.

Diagnoses of HIV Infection

HIV infection was diagnosed for 33,027 adults (aged 18 years and older) whose residential address information was sufficient for geocoding to the census tract (Table 1). These diagnoses represent approximately 87.6% of all diagnoses of HIV infection in 2017 among adults in the 50 states, the District of Columbia, and Puerto Rico.

The overall rate of diagnoses of HIV infection among adults in the 50 states, the District of Columbia, and Puerto Rico was 13.2. The HIV diagnosis rate was 22.0 for males and 4.8 for females.

Diagnoses of HIV Infection, by Selected Characteristics and Selected Social Determinants of Health

Sex (Table 1)

- **Poverty**: The highest HIV diagnosis rates for males (40.1) and females (10.1) were among those who lived in census tracts where 19% or more of the residents lived below the federal poverty level. For both sexes, the rate of HIV diagnoses increased as the percentage of residents living below the federal poverty level increased.
- Education: The highest HIV diagnosis rates for males (35.1) and females (9.4) were among those who lived in census tracts where 18% or more of the residents had less than a high school diploma. For both sexes, the rate of HIV diagnoses increased as the percentage of residents with less than a high school diploma increased.
- **Income**: The highest HIV diagnosis rates for males (39.3) and females (10.2) were among those who lived in census tracts where the median household income was less than \$40,000 a year. For both sexes, the rate of HIV diagnoses decreased as the median household income increased.
- **Insurance**: The highest HIV diagnosis rates for males (38.6) and females (9.5) were among those who lived in census tracts where 16% or more of the residents did not have health insurance or health coverage plan. For both sexes, the rate of HIV diagnoses increased as the percentage of uninsured persons increased.

Race/ethnicity by sex (Table 1)

Results by race/ethnicity for American Indians/Alaska Natives and Native Hawaiian/other Pacific Islanders are not discussed due to most rates being based on small case counts.

• **Poverty**: Persons who lived in census tracts where 19% or more of the residents lived below the federal poverty level accounted for the highest HIV diagnosis rates among Asian males (17.5), blacks/African Americans (males, 82.5; females, 26.1), Hispanics/Latinos (males, 43.8; females, 6.6), and whites (males, 16.2; females, 3.2).

- Education: Persons who lived in census tracts where 18% or more of the residents had less than a high school diploma accounted for the highest HIV diagnosis rates among Asian males (17.3), blacks/African Americans (males, 73.0; females, 27.9), Hispanic/Latino females (5.8), and whites (males, 14.3; females, 3.2). In contrast, among Hispanic/Latino males, the highest HIV diagnosis rate (40.3) was among those who lived in census tracts where less than 6% of the residents had less than a high school diploma.
- Income: Persons who lived in census tracts where the median household income was less than \$40,000 a year accounted for the highest HIV diagnosis rates among Asians (males, 17.0; females, 2.9), blacks/African Americans (males, 83.2; females, 26.1), Hispanics/Latinos (males, 44.7; females, 6.7), and whites (males, 13.8; females, 2.9).
- **Insurance**: Persons who lived in census tracts where 16% or more of the residents did not have health insurance or health coverage plan accounted for the highest HIV diagnosis rates among Asians (males, 18.3; females, 2.9), blacks/African Americans (males, 85.7; females, 29.3), Hispanics/Latinos (males, 41.9; females, 5.6), and whites (males, 16.1; females, 3.0).

Age by sex (Table 2)

- **Poverty**: For males and females in all age groups, those who lived in census tracts where 19% or more of the residents lived below the federal poverty level accounted for the highest rates of HIV diagnoses.
- Education: For males and females in all age groups, those who lived in census tracts where 18% or more of the residents had less than a high school diploma accounted for the highest rates of HIV diagnoses.
- Income: For males and females in all age groups, those who lived in census tracts where the median household income was less than \$40,000 a year accounted for the highest rates of HIV diagnoses.

• **Insurance**: For males and females in all age groups, those who lived in census tracts where 16% or more of the residents did not have health insurance or health coverage plan accounted for the highest rates of HIV diagnoses.

Transmission category by sex (Table 3)

- **Poverty**: Persons who lived in census tracts where 19% or more of the residents lived below the federal poverty level accounted for the largest percentage of HIV diagnoses for both sexes and in all transmission categories.
- Education: Persons who lived in census tracts where 18% or more of the residents had less than a high school diploma accounted for the largest percentage of HIV diagnoses for both sexes and in all transmission categories.
- **Income**: Persons who lived in census tracts where the median household income was less than \$40,000 a year accounted for the largest percentage of HIV diagnoses for both sexes and in all transmission categories.
- **Insurance**: Persons who lived in census tracts where 16% or more of the residents did not have health insurance or health coverage plan accounted for the largest percentage of HIV diagnoses for both sexes and in all transmission categories.

Diagnoses of HIV Infection, by Area of Residence and Selected Social Determinants of Health

Use caution when comparing the rates of diagnoses presented in Tables 4–7 for the District of Columbia to the rates presented for states.

Area of residence by sex (Tables 4–7)

- **Poverty**: Among persons who lived in census tracts where 19% or more of the residents lived below the federal poverty level, the states with the highest rates of HIV diagnoses were Delaware (total, 64.2; males, 103.0; females, 33.0), followed by Florida (total, 48.5; males, 74.8) and New Hampshire for females (23.7).
- Education: Among persons who lived in census tracts where 18% or more of the residents had less than a high school diploma, the states with the highest rates of HIV diagnoses were Delaware (total, 77.9; males, 116.5; females, 43.6), followed by Florida (total, 43.7; males, 64.5; females, 23.0).

- **Income**: Among persons who lived in census tracts where the median household income was less than \$40,000 a year, the states with the highest rates of HIV diagnoses were Delaware (total, 83.5; males, 143.0; females, 39.8), followed by New Hampshire (total, 43.4; females, 25.0) and Florida for males (67.4).
- **Insurance**: Among persons who lived in census tracts where 16% or more of the residents did not have health insurance or health coverage plan, the states with the highest rates of HIV diagnoses were Maryland (total, 40.6; females, 28.1) and Florida for males (58.8), followed by Puerto Rico (total, 37.4; males, 57.1) and Minnesota for females (16.8).

Diagnoses of HIV Infection, by Race/Ethnicity, Selected Characteristics, and Selected Social Determinants of Health

Transmission category (Tables 8a-c)

- **Poverty**: For black/African American males and females, Hispanic/Latino males and females, and white males and females whose HIV infection was attributed to injection drug use, the largest percentages of HIV diagnoses were among those who lived in census tracts where 19% or more of the residents lived below the federal poverty level. Among white males whose HIV infection was attributed to male-to-male sexual contact, male-to-male sexual contact (for both males and females), the largest percentages of HIV diagnoses were among those who lived in census tracts where 11% or more but fewer than 19% of the residents lived below the federal poverty level.
- Education: For black/African American males and females, Hispanic/Latino males and females, and white males and females whose HIV infection was attributed to injection drug use, the largest percentages of HIV diagnoses were among those who lived in census tracts where 18% or more of the residents had less than a high school diploma. In contrast, among white males whose HIV infection was attributed to male-to-male sexual contact, the largest percentage of HIV diagnoses were among those who lived in census tracts where fewer than 6% of the residents had less than a high school diploma. Among white males whose HIV infection was attributed to

male-to-male sexual contact *and* injection drug use or heterosexual contact (for both males and females), the largest percentages of HIV diagnoses were among those who lived in census tracts where 6% or more but fewer than 11% of the residents had less than a high school diploma.

- Income: For black/African American males and females. Hispanic/Latino males and females. and white males and females whose HIV infection was attributed to injection drug use, the largest percentages of HIV diagnoses were among those who lived in census tracts where the median household income was less than \$40,000 a year. In contrast, among white males whose HIV infection was attributed to male-tomale sexual contact or heterosexual contact, the largest percentages of HIV diagnoses were among those who lived in census tracts where the median household income was \$54,000-\$74,999 a year. Among white males whose HIV infection was attributed to male-to-male sexual contact and injection drug use and females whose HIV infection was attributed to heterosexual contact, the largest percentages of HIV diagnoses were among those who lived in census tracts where the median household income was \$40,000-\$53,999 a year.
- **Insurance**: For black/African American males and females, Hispanic/Latino males and females, and white males and females in all transmission categories (except injection drug use for white males), the largest percentages of HIV diagnoses were among those who lived in census tracts where 16% or more of the residents did not have health insurance or health coverage plan. Among white males whose HIV infection was attributed to injection drug use, the largest percentages of HIV diagnoses were among those who lived in census tracts where 10% or more but fewer than 16% of the residents did not have health insurance or health coverage plan.

Age (Tables 9a-c)

Results by race/ethnicity and age group for persons aged 65 years and older are not discussed due to most rates being based on small case counts (i.e., based on fewer than 12 diagnoses of HIV infection) for select populations.

- **Poverty**: For black/African American males and females and Hispanic/Latino males and females in all age groups, and for white males and females aged 25–64 years, those who lived in census tracts where 19% or more of the residents lived below the federal poverty level accounted for the highest rates of HIV diagnoses. Among white males and females aged 18–24 years, the highest rate of HIV diagnoses was among those who lived in census tracts where 11% or more but fewer than 19% of the residents lived below the federal poverty level.
- Education: For black/African American males and females, Hispanic/Latino females, and white males and females in all age groups, those who lived in census tracts where 18% or more of the residents had less than a high school diploma accounted for the highest rates of HIV diagnoses. In contrast, among Hispanic/Latino males aged 25-64 years, those who lived in census tracts where fewer than 6% of the residents had less than a high school diploma accounted for the highest rates of HIV diagnoses. Among Hispanic/Latino males aged 18-24 years, those who lived in census tracts where 11% or more but fewer than 18% of the residents had less than a high school diploma accounted for the highest rate of HIV diagnoses.
- **Income**: For black/African American, Hispanic/ Latino, and white males and females in all age groups, those who lived in census tracts where the median household income was less than \$40,000 a year accounted for the highest rates of HIV diagnoses.
- Insurance: For black/African American males and females, Hispanic/Latino males, and white males and females in all age groups, and for Hispanic/Latino females aged 25–44 years, those who lived in census tracts where 16% or more of the residents did not have health insurance or health coverage plan accounted for the highest rates of HIV diagnoses. In contrast, among Hispanic/Latino females aged 45–54 years, those who lived in census tracts where 6% or more but fewer than 10% of the residents did not have health insurance or health coverage plan accounted for the highest rates of HIV diagnoses. Among Hispanic/Latino females aged 55–64 years, those who lived in census tracts where 10%

or more but fewer than 16% of the residents did not have health insurance or health coverage plan accounted for the highest rate of HIV diagnoses.

Linkage to HIV Medical Care after Diagnosis of HIV Infection, by Selected Characteristics and Selected Social Determinants of Health

Census tract-level linkage to HIV medical care was based on data for persons with infection diagnosed during 2017 in the 42 jurisdictions that reported complete CD4 and viral load test results to CDC. Linkage to HIV medical care was measured by documentation of at least 1 CD4 or viral load test performed ≤ 1 month or ≤ 3 months after diagnosis. Of the 29,565 persons whose infection was diagnosed during 2017 whose residential address information was sufficient for geocoding to the census tract, 78.4% (23,184 persons) were linked to HIV medical care ≤ 1 month after diagnosis, and 87.0% (25,715) were linked to HIV medical care ≤ 3 months after diagnosis (Table 10).

These highlights focus on linkage ≤ 1 month after diagnosis, one of the current national goals for HIV prevention and care. The SDH data focus on the lowest percentages at the SDH extremes only (e.g., highest poverty, highest uninsured). The following percentages are for persons who were linked to HIV medical care ≤ 1 month after diagnosis (Tables 10–13).

Race/ethnicity by sex (Table 10)

Overall, linkage to care was lower among black/ African American males (74.6%) and females (78.7%) than in all other racial/ethnic groups, and higher among white males (82.1%) than in all other male racial/ethnic groups, and higher among Hispanic/ Latino females (79.9%) than in all other female racial/ ethnic groups.

- Blacks/African Americans: Among black/ African American males, the lowest percentages were among those who lived in census tracts with the highest poverty (73.6%), lowest education (73.0%), lowest income (72.9%), and lowest health insurance or health care coverage (71.8%). Among black/African American females, linkage was lowest among those who lived in census tracts with the lowest education (76.6%), lowest income (76.9%), and lowest health insurance or health care coverage (75.8%).
- **Hispanics/Latinos**: Among Hispanic/Latino males, the lowest percentages were among those who lived in census tracts with the highest pov-

erty (78.5%), lowest education (78.5%), lowest income (78.0%), and lowest health insurance or health care coverage (77.4%). Among Hispanic/ Latino females, linkage was lowest among those who lived in census tracts with the lowest poverty (76.6%).

• Whites: Among white males, the lowest percentages were among those who lived in census tracts with the highest poverty (80.8%), lowest education (78.5%), lowest income (78.7%), and lowest health insurance or health care coverage (79.1%). Among white females, the lowest percentages were among those who lived in census tracts with the highest poverty (75.2%), lowest education (75.3%), lowest income (75.1%), and lowest health insurance or health care coverage (74.4%).

Age by sex (Table 11)

Overall, linkage to care was lower among both males (74.8%) and females (76.5%) aged 18–24 years than in all other age groups, linkage was higher among males (81.8%) aged \geq 45 years than males in all other age groups, and higher among females (81.4%) aged \geq 55 years than females in all other age groups.

- Ages 18–24 years: Among males aged 18–24 years, the lowest percentages were among those who lived in census tracts with the highest poverty (72.9%), lowest education (73.9%), lowest income (72.3%), and lowest health insurance or health care coverage (71.7%). Among females aged 18– 24 years, linkage was lowest among those who lived in census tracts with the lowest education (73.1%), lowest income (71.9%), and lowest health insurance or health care coverage (71.4%).
- Ages 25–34 years: Among males aged 25–34 years, the lowest percentages were among those who lived in census tracts with the highest poverty (76.4%), lowest education (75.7%), lowest income (74.9%), and lowest health insurance or health care coverage (75.1%). Among females aged 25–34 years, the lowest percentage (76.5%) was among those who lived in census tracts with the lowest health insurance or health care coverage.
- Ages 35–44 years: Among males aged 35–44 years, the lowest percentages were among those who lived in census tracts with the highest poverty (78.9%), lowest education (77.6%), lowest income (77.0%), and lowest health insurance or health care coverage (77.4%). Among females aged 35–

44 years, lowest percentages were among those who lived in census tracts with the highest poverty (75.6%) and lowest income (75.5%).

- Ages 45–54 years: Among both males and females aged 45–54 years, the lowest percentages were among those who lived in census tracts with the highest poverty (77.9% and 78.6%, respectively), lowest education (78.7% and 75.5%, respectively), lowest income (77.4% and 76.9%, respectively), and lowest health insurance or health care coverage (77.8% and 78.9%, respectively).
- Ages ≥55 years: Among both males and females aged ≥55 years, the lowest percentages were among those who lived in census tracts with the lowest education (79.8% and 79.2%, respectively) and lowest health insurance or health care coverage (79.3% and 76.8%, respectively).

Transmission category by sex (Table 12)

Overall, among males, linkage to care was lower among males with infection attributed to male-to-male sexual contact *and* injection drug use (75.3%) and higher among males with infection attributed to maleto-male sexual contact (78.6%) than all other transmission categories. For females, among the 2 transmission categories for which data are presented, linkage was slightly lower among females with infection attributed to injection drug use (77.4%) compared to females with infection attributed to heterosexual contact (79.2%). Data were statistically adjusted to account for missing transmission category.

- Male-to-male sexual contact: Among males with infection attributed to male-to-male sexual contact, the lowest percentages were among those who lived in census tracts with the highest poverty (76.7%), lowest education (76.4%), lowest income (75.5%), and lowest health insurance or health care coverage (75.7%).
- Injection drug use: Among males with infection attributed to injection drug use, the lowest percentages were among those who lived in census tracts with the lowest health insurance or health care coverage (73.2%). Among females with infection attributed to injection drug use, the lowest percentages were among those who lived in census tracts with the highest poverty (75.4%) and lowest income (76.0%).
- Male-to-male sexual contact *and* injection drug use: Among males with infection attributed

to male-to-male sexual contact *and* injection drug use, the lowest percentages were among those who lived in census tracts with the highest poverty (73.5%), lowest education (70.5%), lowest income (68.7%), and lowest health insurance or health care coverage (70.1%).

• Heterosexual contact: Among both males and females with infection attributed to heterosexual contact, the lowest percentages were among those who lived in census tracts with the highest poverty (76.2% and 77.7%, respectively), lowest education (76.8% and 77.4%, respectively), lowest income (76.1% and 76.9%, respectively), and lowest health insurance or health care coverage (75.2% and 76.2%, respectively).

Male-to-male sexual contact by race/ethnicity (Table 13)

Overall, among males with infection attributed to male-to-male sexual contact, linkage to care was lower among blacks/African Americans (74.5%) and higher among whites (82.9%) than all other racial/ethnic groups. Data were statistically adjusted to account for missing transmission category.

- Blacks/African Americans: Among black/ African American males with infection attributed to male-to-male sexual contact, the lowest percentages were among those who lived in census tracts with the highest poverty (73.5%), lowest education (72.8%), lowest income (72.8%), and lowest health insurance or health care coverage (71.6%).
- Hispanics/Latinos: Among Hispanic/Latino males with infection attributed to male-to-male sexual contact, the lowest percentages were among those who lived in census tracts with the highest poverty (78.3%), lowest education (78.2%), lowest income (77.6%), and lowest health insurance or health care coverage (77.6%).
- Whites: Among white males with infection attributed to male-to-male sexual contact, the lowest percentages were among those who lived in census tracts with the highest poverty (82.2%), lowest education (79.4%), lowest income (79.7%), and lowest health insurance or health care coverage (80.1%).

GEOCODING OF HIV SURVEILLANCE DATA

CDC funds state and local health departments to conduct HIV surveillance, and jurisdictions geocode to the census tract level the address of residence at the time of diagnosis. This report includes data for persons aged 18 years and older whose HIV infection was diagnosed during 2017 and reported to the NHSS through December 2018 from the 50 states, the District of Columbia, and Puerto Rico.

After a census tract was assigned to each person's residence at the time of HIV diagnosis (2017), data were linked with the ACS estimates for 2013–2017 to assign a value for each of the SDH indicator variables to each person with diagnosed HIV infection. Cases or census tracts were excluded if the address was nonresidential (e.g., military base, corrections facility), no census tract was associated with the case, no SDH information was available for the census tract, or the census tract from the surveillance data could not be matched to a census tract provided by the ACS. Although HIV diagnosis data associated with these exclusions were not included in all SDH subpopulation totals, they were included in the overall subtotals stratified by sex. Therefore, all tables display differing denominators for SDH subpopulation categories.

SOCIAL DETERMINANTS OF HEALTH INDICATOR VARIABLES

SDH indicator variables [10] and definitions [14] were obtained from the ACS. This report uses data from the 2013–2017 ACS estimates. The U.S. Census Bureau collected these data during the 5 years and created period estimates based on the information collected. Period estimates are estimates based on information collected over time (60 months for this report) [15]. Period estimates were not calculated as an average of 60 monthly values; the U.S. Census Bureau collected survey information continuously and then aggregated the results over a specific period (5 years) [14]. The data collection was spread evenly across the entire period so as not to over-represent any particular year within the period. All areas were sampled regardless of population size. For this report, the SDH indicator variables were categorized by using empirically derived quartiles. The quartile cut-points were determined by using data from all census tracts in the 50 states, the District of Columbia, and Puerto Rico and not just from the data applicable to persons in this report (i.e., persons with an HIV diagnosis). This report presents 4 SDH indicator variables: federal poverty status, education level, median household income, and health insurance coverage.

- Federal poverty status: proportion of residents in the census tracts who were living below the U.S. poverty level (i.e., below a specified threshold) during the 12 months before the survey response (individuals aged 18 years and older)
- Education level: proportion of residents in the census tract with less than a high school diploma (individuals aged 18 years and older)
- Median household income: median income for a household within the census tract during the 12 months before the survey response
- Health insurance coverage: proportion of residents in the census tract without health insurance or health coverage plan (individuals aged 18 years and older)

These variables were included in this report because SDH research has emphasized the need to incorporate these specific structural and societal factors into analyses of public health data in order to contribute to a better understanding of their effects on health outcomes [4–7]. Although correlations between SDH indicators were not analyzed for this report, some SDH indicators may be correlated. For example, lack of education has been associated with poverty and income in the United States [8, 9]. Therefore, caution should be used when interpreting results.

Poverty

The percentage of the population aged 18 years and older who were living below the poverty level was determined by using the sum of the number of family members and the number of unrelated persons in the household whose incomes, during the 12 months before the survey response, were below the federal poverty level. The U.S. Census Bureau uses a set of dollar-value thresholds (i.e., income cutoffs) that vary by family size and composition to determine who lives below the poverty level. A person's poverty status is determined by comparing the person's total family income during the 12 months before the survey response with the poverty threshold appropriate for that person's family size and composition. If the total income of that person's family is less than the threshold appropriate for that family, then the person, together with every member of his or her family, is considered "below the poverty level." In the Census Bureau's determination of poverty status, the following populations were excluded: (1) institutionalized persons, (2) persons residing in military group quarters, (3) persons in college dormitories, and (4) unrelated persons aged less than 15 years. The U.S. Census Bureau defines poverty areas as census tracts with poverty levels of 20% or more [16].

Education

The percentage of persons with less than a high school diploma was defined as the percentage of persons aged 18 years and older who were not enrolled in school and were not high school graduates. These people may be referred to as "high school dropouts." No restriction is placed on when they "dropped out" of school; therefore, they may have dropped out before high school and never attended high school.

Household Income

The median household income was determined by dividing the income distribution into 2 equal parts: one-half of the persons resided in census tracts that fall below the median income and one-half above the median. The median income was based on the distribution of the total number of households, including those with no income. Median income for households was computed on the basis of a standard distribution, rounded to the nearest whole dollar.

Health Insurance Coverage

The percentage of persons aged 18 years and older without health insurance coverage was determined based on the number of persons without plans or programs that provide comprehensive health coverage (both private health insurance and public coverage). Insured persons include: (1) insurance through a current or former employer (of this person or another family member) or union, (2) insurance purchased directly from an insurance company (by this person or another family member), (3) Medicare, for persons aged 65 years and older, or persons with certain disabilities, (4) Medicaid, Medical Assistance, or any kind of government-assistance plan for those with low income or a disability, (5) TRICARE or other military health care, and (6) U.S. Department of Veterans Affairs (VA), including those who have ever used or enrolled for VA health care. Persons who had no reported health coverage, or those whose only health coverage was Indian Health Service, were considered uninsured. Also, plans that provide insurance for specific conditions or situations, such as cancer and long-term care policies, are not considered coverage. Likewise, other types of insurance, like dental, vision, life, and disability insurance, are not considered health insurance coverage. The population estimates for health insurance coverage excludes active-duty military personnel and the population living in correctional facilities and nursing homes.

LINKAGE TO HIV MEDICAL CARE

The data on linkage to HIV medical care were based on persons whose infection was diagnosed during 2017 and who resided in any of the 42 jurisdictions at the time of diagnosis that reported complete CD4 and viral load laboratory results to CDC (Tables 10-13). Linkage to HIV medical care within 1 month after HIV diagnosis was measured by documentation of >1 CD4 (count or percentage) or viral load test performed ≤ 1 month after HIV diagnosis, including tests performed on the same date as the date of diagnosis. Linkage to HIV medical care within 3 months after HIV diagnosis was measured by documentation of ≥ 1 CD4 (count or percentage) or viral load tests performed ≤ 3 months after HIV diagnosis, including tests performed on the same date as the date of diagnosis. Month and the year of the earliest HIV-positive test result reported to the surveillance system were used to determine the diagnosis date. Test results were excluded if the month of the sample collection was missing. Data were excluded if the month of diagnosis was missing.

TABULATION AND PRESENTATION OF DATA

Age

All tables in this report reflect data for persons aged 18 years and older (i.e., adults). This report was limited to adults aged 18 years and older with diagnosed HIV infection to more accurately represent the population from which data are collected for ACS SDH indicator

variables. For tables that provide data by age group, the specific age-group assignment (e.g., 18–24 years) was based on that person's age at the time of HIV diagnosis.

Race and Ethnicity

The data presented in this report were collected using the Office of Management and Budget's revised 1997 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) [17]. Hispanics and Latinos can be of any race.

Due to confidentiality concerns, the ACS does not provide age- and sex-specific SDH variables stratified by race and ethnicity for racial groups, except whites (i.e., white, non-Hispanic/Latino). Therefore, the data used for computing the race-specific rates may include Hispanics/Latinos (except whites) and should be interpreted with caution. Also, the number of persons reported in each race category may include persons whose ethnicity was not reported.

Geographic Level

Data presented in this report reflect the census tract of the person's residential address at the time they received an HIV diagnosis. A census tract is a standard area used by the U.S. Census Bureau for the purpose of counting the population. Census tracts are small, relatively permanent statistical subdivisions of a county delineated by local participants as part of the U.S. Census Bureau's Participant Statistical Areas Program. Census tracts are designed to be relatively homogeneous units with respect to population characteristics, economic status, and living conditions at the time of establishment. Each census tract generally contains 1,500 to 8,000 inhabitants (average, 4,000 inhabitants) [18].

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 1 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 >1 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 have ever had sexual contact with other men (i.e., homosexual contact) and men who have 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 have ever had heterosexual contact with a person known to have, or to be at high risk for, HIV infection (e.g., a person who injects drugs).

Cases of HIV infection reported without a risk factor listed in the hierarchy of transmission categories are classified as "no identified risk (NIR)." Cases classified as NIR include cases that are being followed up by local health department staff; cases in persons whose risk-factor information is missing because they died, declined to be interviewed, or were lost to follow-up; and cases in 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 cases of HIV infection are reported to CDC without an identified risk factor, multiple imputation is used to assign a transmission category [19]. 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 [20]. The plausible values are analyzed by using standard procedures, and the results of these analyses are then combined to produce the final results. In this report, multiple imputation has been used to account for missing transmission category (Tables 3, 8a–c, 10, and 13).

Rates

Rates per 100,000 population were calculated for the numbers of diagnoses of HIV infection. The population denominators used to compute these rates for the 50 states, the District of Columbia, and Puerto Rico were based on the 5-year estimated total population for those areas [10]. The denominators used for calculating age-, sex-, and race/ethnicity-specific rates were computed by applying the 5-year estimates for age, sex, and race/ethnicity for these areas [10]. Reported numbers less than 12, and rates based on these numbers, should be interpreted with caution.

Subpopulation stratifications of race and ethnicity data by age group and sex were not available for all race groups (i.e., only available for whites, non-Hispanic/Latino) from the 2013–2017 estimates from the ACS. Rates for racial groups (except whites) may include Hispanics/Latinos, and there may be overlap in populations for these racial groups and Hispanics/ Latinos. Therefore, some rates should be interpreted with caution. However, of the denominator population from this ACS in this report, for American Indians/ Alaskan Natives, 20.6% were Hispanic/Latino (20.3% when Puerto Rico is excluded); for Asians, 1.2% were Hispanic/Latino (1.1% when Puerto Rico is excluded); for blacks/African Americans, 3.7% were Hispanic/ Latino (2.9% when Puerto Rico is excluded); and for Native Hawaiians/other Pacific Islanders, 9.6% were Hispanic/Latino (9.6% when Puerto Rico is excluded). Additionally, the denominator population from the ACS is based on the entire population aged 18 years and older; the numerator population is limited to persons whose HIV infection had been diagnosed and reported, with complete residential address, to the NHSS. Because the ACS uses predetermined age categories and varying criteria for SDH variables, the denominators differ for some SDH variables.

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Table 1.	Diagnoses	of HIV infection amor	na adults. b	v race/ethnicity	. sex. and se	lected social de	eterminants of	health. 2017-	-census tract level.	United States	and Puerto Rico
			J , .		, ,						

	America Alaska	an Indian/	Δ	sian	Black//	African	Hisnani	c/l atino ^a	Native H Other	lawaiian/ Pacific nder	Wł	nite	Multin	le races	Т	ntal
Area of residence	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Male																
Below federal poverty level (%)																
<7	11	8.5	149	61	1 134	50.1	857	26.3	6	11.3	1 629	58	120	16.6	3 906	10.6
7 00_10 99	19	12.9	168	12.1	1 253	57.1	1 1 3 0	32.3	7	14.1	1,556	83	122	21.3	4 255	16.0
11 00-18 99	34	12.0	217	15.1	2 731	69.7	2 283	37.5	12	19.3	2 078	10.3	203	27.1	7,558	23.4
>10	53	13.7	101	17.5	1 775	82.5	3 3/0	13.8	11	25.2	1 736	16.2	200	30.0	10 32/	10.0
Less than high school dinloma (%)	55	10.7	131	17.5	<i>ч,115</i>	02.0	0,040	-0.0		20.2	1,700	10.2	205	00.0	10,524	- 0.0
	18	16.0	172	76	1 102	64.8	901	/0.3	6	13.1	1 051	78	118	17 3	1 361	13.6
€ 00_10 99	37	18.7	166	10.2	1,152	66.0	1 105	3/ 0	13	21.5	1 05/	7.0	162	22.6	5 402	16.3
11 00 17 00	27	10.7	150	13.1	2 7 3 0	60.0	1,105	35.3	7	12.7	1,504	0.0	162	22.0	6 1 2 9	10.0
>12	21	0.4	235	17.2	2,739	73.0	1,400	33.3	11	21.1	1,505	9.0 1/1 3	206	20.0	10,150	22.5
∠ IO Madian havaahald inaama (II C ¢)	55	9.4	200	17.5	4,000	75.0	4,154	57.7	11	21.1	1,311	14.5	200	23.4	10,152	55.1
	11	11 0	107	17.0	1 700	02.0	2.050	117	7	01.1	1 470	12 0	106	217	0 5 1 2	20.2
<u>\40,000</u>	41	11.0	127	17.0	4,123	03.Z	2,900	44.7	1	21.1	1,479	13.0	140	01.1 02 E	9,515	09.0 00.0
40,000-55,999	40	14.0	100	10.0	2,300	00.0	2,027	01.Z	10	20.0	1,000	9.0	149	23.3	0,304	22.Z
54,000-74,999 >75,000	2 I 4 F	10.8	229	14.0	1,743	60.Z	1,013	33.1	10	15.2	2,012	0.0	1/1	23.0	5,799	17.4
$\geq 15,000$	15	12.4	213	0.9	1,050	50.3	1,020	28.9	10	15.3	1,009	0.0	148	19.3	4,131	12.2
without health insurance (%)	10	10.4	455	7.0	004	447	700	07.0	10	477	1 105	F 7	110	10.4	2 200	0.0
	14	12.1	100	1.0	024	44.7	720	21.0	10	10.0	1,495	5./ 7.0	113	10.4	3,329	9.9
6.00-9.99	14	9.7	10/	10.3	1,499	50.0	979	31.5	9	10.0	1,003	1.0	120	10.4	4,381	15.5
10.00-15.99	24	10.5	1/9	13.1	2,620	00.1	1,001	35.0	4	0.0	1,074	10.2	1//	20.0	0,429	22.4
	67	14.4	234	18.3	4,951	85.7	4,369	41.9	13	20.7	2,029	16.1	244	34.9	11,907	38.0
Subtotal	122	12.9	736	11.5	10,275	72.0	7,744	37.7	37	17.7	7,233	9.3	674	24.6	26,821	22.0
Female																
Below federal poverty level (%)																
<7	5	3.8	20	0.7	370	15.3	104	3.1	4	7.7	223	0.8	26	3.5	752	1.9
7.00–10.99	3	2.0	21	1.3	448	18.7	137	4.0	1	2.0	224	1.1	22	3.7	856	3.1
11.00–18.99	12	4.3	39	2.4	968	21.9	272	4.6	1	1.5	328	1.5	42	5.4	1,662	4.9
≥19	7	1.7	24	2.1	1,828	26.1	512	6.6	3	6.8	353	3.2	57	7.8	2,784	10.1
Less than high school diploma (%)																
<6	6	5.0	19	0.7	304	14.8	85	3.6	2	4.6	184	0.7	17	2.4	617	1.8
6.00–10.99	4	1.9	23	1.2	615	18.0	134	4.1	2	3.1	300	1.2	32	4.2	1,110	3.1
11.00–17.99	11	4.0	31	2.3	1,002	21.2	188	4.5	0	0.0	305	1.6	34	5.1	1,571	5.3
≥18	6	1.6	31	2.1	1,693	27.9	618	5.8	5	9.3	339	3.2	64	9.1	2,756	9.4
Median household income (U.S. \$)																
<40,000	6	1.6	23	2.9	1,811	26.1	450	6.7	1	2.9	335	2.9	54	8.4	2,680	10.2
40,000–53,999	9	3.2	23	2.1	823	21.3	276	5.2	5	10.9	309	1.5	35	5.4	1,480	4.8
54,000-74,999	10	5.0	32	1.8	621	19.5	183	3.8	0	0.0	292	1.2	32	4.2	1,170	3.3
≥75,000	2	1.6	26	0.7	358	16.1	116	3.2	3	4.6	192	0.8	26	3.3	723	2.0
Without health insurance (%)																
<6	0	0.0	20	0.8	286	14.8	90	3.3	3	5.5	205	0.7	18	2.5	622	1.7
6.00–9.99	8	5.3	23	1.3	480	16.5	147	4.5	1	1.8	248	1.1	33	4.8	940	3.1
10.00–15.99	11	4.6	20	1.3	865	18.7	218	5.0	2	3.9	282	1.5	36	5.0	1,434	4.7
≥16	8	1.6	41	2.9	1,983	29.3	570	5.6	3	5.8	393	3.0	60	8.2	3,058	9.5
Subtotal ^b	27	2.8	104	1.4	3,713	22.9	1.044	5.1	9	4.2	1.160	1.4	149	5.2	6.206	4.8
Total ^c	149	7.8	840	6.1	13,988	45.8	8,788	21.4	46	10.9	8,393	5.3	823	14.7	33,027	13.2

Note: Data reflect the census tract of the person's residential address at the time they received an HIV diagnosis. Reported numbers less than 12, and rates based on these numbers, should be interpreted with caution. Rates are per 100,000 population. The American Community Survey (ACS) does not provide age- and sex-specific social determinants of health (SDH) variables stratified by race and ethnicity for racial groups except whites (i.e., white, not Hispanic/Latino). Therefore, the denominators used for computing race-specific rates may include Hispanics/Latinos, and should be interpreted with caution; see Technical Notes for more details. For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2017_ACSSubjectDefinitions.pdf.

Table 2.	Diagnoses	of HIV infection	among adults.	by age a	t diagnosis.	sex, and s	selected socia	l determinants	of health, 20)17—census ti	act level. Unit	ed States and	Puerto Rico
TUDIC L.	Diagnoses		uniong udulto	by uge u	it alugitosis	, 3 0 x , ana c		actorninanto			uot ievei, oiii		

	18–24	l years	25–34	years	35–44	years	45-54	4 years	55–64	years	≥65	years	Тс	otal
Area of residence	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Male														
Below federal poverty level (%)														
<7	810	21.1	1,406	24.7	677	10.6	600	8.3	318	4.8	95	1.3	3,906	10.6
7.00–10.99	847	27.9	1,572	32.2	774	17.4	686	14.7	307	6.9	69	1.4	4,255	16.1
11.00–18.99	1,653	39.7	2,835	44.1	1,432	26.4	1,016	18.5	479	9.3	143	2.5	7,558	23.4
≥19	2,582	51.6	3,923	72.8	1,797	43.2	1,207	30.0	615	17.0	200	5.5	10,324	40.0
Less than high school diploma (%)														
<6	899	19.6	1,649	30.3	737	14.1	656	11.5	328	6.2	92	1.6	4,361	13.6
6.00–10.99	1,227	31.0	2,001	34.0	918	16.9	764	13.0	392	6.9	100	1.6	5,402	16.3
11.00–17.99	1,453	42.1	2,253	44.1	1,091	23.8	814	16.8	413	9.0	114	2.3	6,138	22.3
≥18	2,316	56.0	3,835	63.4	1,935	37.2	1,278	25.4	587	13.7	201	4.8	10,152	35.1
Median household income (U.S. \$)														
<40,000	2,450	56.3	3,598	75.0	1,585	41.5	1,107	28.9	575	16.0	198	5.2	9,513	39.3
40.000-53.999	1.445	36.0	2,480	43.0	1.253	25.8	878	17.7	419	8.9	109	2.0	6.584	22.2
54.000-74.999	1,217	30.5	2,158	34.4	1.096	19.5	832	14.2	385	6.9	111	1.8	5,799	17.4
≥75.000	772	21.6	1,497	27.1	743	12.3	690	10.2	340	5.7	89	1.5	4,131	12.2
Without health insurance (%)			.,							•			.,	
<6	647	15.6	1.164	22.4	579	10.7	575	9.3	279	4.7	85	1.3	3.329	9.9
6.00-9.99	966	26.8	1.574	31.3	799	17.2	617	12.4	322	6.7	103	1.9	4,381	15.5
10 00-15 99	1 504	39.5	2,395	43.4	1 120	23.3	867	17.5	420	9.0	123	2.5	6 4 2 9	22.4
>16	2 778	61.3	4 603	69.2	2 182	39.3	1 450	27.5	698	15.5	196	4.5	11 907	38.6
Subtotal ^a	6,088	37.7	10 020	44.6	4 817	23.6	3 611	16.8	1 766	89	519	24	26 821	22.0
Eamalo	0,000	01.1	10,020	11.0	1,011	20.0	0,011	10.0	1,100	0.0	010		20,021	22.0
Pennale Bolow fodoral povorty loval (%)														
	02	07	100	2.2	175	07	150	2.0	117	17	20	0.2	750	10
	9Z 102	2.1	100	3.5	175	Z.1 A A	152	2.0	117	1.7	20	0.5	102	1.9
7.00-10.99	103	5.1 E 1	233	4.9	195	4.4	179	J.1 E 0	113	2.0	33	0.0	000	3.1 4.0
11.00-10.99	213	5.4 7 7	409	1.0	402	C. 1	524	0.0	C01	3.3	09	0.9	1,002	4.9
$\geq 9 $	389	1.1	708	14.0	629	14.8	239	12.9	360	9.1	99	2.0	2,784	10.1
Less than high school diploma (%)	04	0.0	404	0.0	1.10	• •	445	4.0	07	4 5	00	0.0	047	4.0
 	91	2.0	161	2.9	140	2.6	115	1.9	87	1.5	23	0.3	617	1.8
6.00-10.99	135	3.0	325	5.6	247	4.5	215	3.5	138	2.3	50	0.6	1,110	3.1
11.00–17.99	180	5.5	436	8.6	3/1	7.9	329	6.6	199	4.0	56	0.9	1,571	5.3
≥18	391	10.3	736	13.1	643	12.8	535	10.8	351	7.8	100	1.8	2,756	9.4
Median household income (U.S. \$)		• •								• •				
<40,000	368	8.4	/3/	15.5	622	15.7	528	13.1	333	8.4	92	1./	2,680	10.2
40,000–53,999	200	5.4	427	7.8	351	7.3	273	5.4	1/5	3.4	54	0.8	1,480	4.8
54,000–74,999	144	3.8	313	5.1	262	4.7	237	3.9	166	2.8	48	0.6	1,170	3.3
≥75,000	85	2.5	181	3.2	166	2.6	155	2.2	101	1.6	35	0.5	723	2.0
Without health insurance (%)														
<6	85	2.2	159	3.1	133	2.4	118	1.8	95	1.5	32	0.4	622	1.7
6.00–9.99	110	3.2	253	5.1	221	4.7	194	3.8	126	2.4	36	0.5	940	3.1
10.00–15.99	189	5.2	373	6.9	309	6.3	306	5.9	194	3.8	63	1.0	1,434	4.7
≥16	413	9.5	873	13.7	738	13.4	576	10.8	360	7.4	98	1.7	3,058	9.5
Subtotal ^a	821	5.4	1,697	7.7	1,451	7.0	1,217	5.5	788	3.7	232	0.9	6,206	4.8
Total ^b	6,909	21.9	11,717	26.3	6,268	15.3	4,828	11.1	2,554	6.2	751	1.6	33,027	13.2

Note. Data reflect the census tract of the person's residential address at the time they received an HIV diagnosis. Rates are per 100,000 population. For the definitions of social determinants of health indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2017_ACSSubjectDefinitions.pdf. a Because column subtotals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column subtotals. See Technical Notes for criteria used to define SDH subpopulations. b Totals do not represent all adults whose HIV infection was diagnosed during 2017 in these areas. See Technical Notes for exclusion criteria.

	Male-te	o-male			Male-to-m contact an	ale sexual d injection		
	sexual	contact	Injection	drug use	drug	use	Heterosexu	ual contact ^a
	No.	%	No.	%	No.	%	No.	%
Male								
Below federal poverty level (%)								
<7	3,275	15.1	124	13.4	180	17.7	326	13.5
7.00–10.99	3,604	16.6	125	13.5	188	18.5	335	13.9
11.00–18.99	6,357	29.3	247	26.7	292	28.8	653	27.1
≥19	8,433	38.9	431	46.5	355	35.0	1,094	45.4
Less than high school diploma (%)								
<6	3,811	17.6	111	12.0	190	18.7	245	10.2
6.00–10.99	4,554	21.0	155	16.7	248	24.5	440	18.3
11.00–17.99	5,057	23.3	235	25.3	233	22.9	604	25.1
≥18	8,255	38.1	427	46.0	344	33.9	1,120	46.5
Median household income (U.S. \$)								
<40,000	7,716	35.6	389	42.0	322	31.7	1,078	44.8
40.000-53.999	5.497	25.4	244	26.4	264	26.0	572	23.8
54,000–74,999	4,927	22.8	174	18.8	231	22.8	460	19.1
≥75.000	3,516	16.2	118	12.8	198	19.5	297	12.3
Without health insurance (%)	,							
<6	2.738	12.6	138	14.9	181	17.9	268	11.1
6.00-9.99	3.681	17.0	176	18.9	167	16.4	355	14.7
10.00–15.99	5.360	24.7	250	27.0	268	26.4	541	22.5
≥16	9.893	45.6	363	39.2	399	39.3	1.244	51.7
Subtotal ^b	22,319	100	957	100	1.051	100	2,471	100
Female	,• • •				.,		_,	
Below federal poverty level (%)								
			0/	12.2			654	12 /
7 00_10 00		_	112	14.6			730	12.4
11 00-18 00			100	26.0			1 151	27.6
>10		_	362	20.0 17 2			2 /12	27.0 15.0
= 10	_	_	502	-1.2	_	_	2,712	+0.5
			95	11.0			E-0.0	10.0
	—	—	142	19.5	—	_	062	10.0
11 00 17 00		—	142	10.J 25.5	—		902 1 367	10.5
>18		—	345	23.3	—		2 402	20.0
≤ 10	—	—	545	44.5	—		2,402	45.7
			225	12 7			2 226	11 1
	_	_	333	43.7	_	_	2,330	44.4 24.6
40,000-33,999	—	—	102	23.7	—		1,292	24.0
54,000-74,999 >75,000	—	—	155	20.3	—		1,009	19.2
$\geq 75,000$	—	—	90	12.4	—		022	11.0
without health insurance (%)			102	12.2			E1E	0.0
	—	—	102	10.0	—	_	701	9.0
0.00-9.99	_	_	144	10./ 25.0	_	_	1 7 2 7	10.U 22 1
10.00-10.99 >16	_	_	190	20.9 40.1	_	_	1,202 0 704	20.4 51 7
	_	_	JZJ 700	42.1	_	_	Z,1Z1	100
	_	_	189	100		_	5,380	100
Total	22,319	100	1,746	100	1,051	100	7,857	100

Table 3. Diagnoses of HIV infection among adults, by transmission category, sex, and selected social determinants of health, 2017census tract level, United States and Puerto Rico

Note. Data reflect the census tract of the person's residential address at the time they received an HIV diagnosis. Data have been statistically adjusted to account for missing transmission category.

For the definitions of social determinants of health (SDH) indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/

For the definitions of social determinants of health (SDH) indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_uocs/subject_uenmuons/ 2017_ACSSubjectDefinitions.pdf. a Heterosexual contact with a person known to have, or to be at high risk for, HIV infection. b Because column subtotals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column subtotals. See Technical Notes for criteria used to define SDH subpopulations. c Totals do not represent all adults whose HIV infection was diagnosed during 2017 in these areas. See Technical Notes for exclusion criteria.

7.00-10.99 11.00-18.99 219 Area of residence No. Rate Rank ^a No. Rate Rank ^a No. Rate Rank ^a Alabama 39 12.1 9 46 14.4 18 134 21.4 19 195 37.6 16 Alaska 7 5.3 - 6 6.7 - 6 12.5 - 0 0.0 - Artzona 69 10.6 16 89 16.6 15 130 20.8 21 232 31.4 29 At4.3 31 California 468 11.9 10 651 18.8 10 1.071 25.5 13 1.307 40.6 12 Colorado 84 42 28 Colorado 14 6 18 10.5 1.6 28 31.6 9 19 15.1 12 Califaria 12 12 12 12 14						Belo	w federal p	overty lev	el (%)				
Area of residenceNo.RateRank ^a No.RateRank ^a No.RateRank ^a No.RateRank ^a Alabama3912.194614.41813421.41919537.616Alaska75.3-66.7-612.5-00.0-Arkansas129.0222813.4235713.4298124.331California46811.91065119.8101.07125.5131.30740.612Colorado6410.4176713.91912424.6146824.428Connecticut547.1262711.2264523.1166136.218Delaware1310.2191467.0179.93.711.80103.01Florida35020.2424627.751.06441.741.29774.82Georgia1879.23.22.013.5221714.4271021.7-Idabo113-115.2-1041.71.29774.82Georgia1879.2201615.736269.74020.311.621.9Idabo113.3-<	-		<7			7.00–10.9		1	1.00–18.	99		≥19	
	Area of residence	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a
Alabama3912.194614.4181342141919537.616Alaska75.3-66.7-612.5-00.0-Arizona6910.6168916.61513020.82123231.423California48811.91065119.81010.71255131.30740.612Colorado8410.4176713.91912.424.6146824.428Connecicut547.1262711.2264523.1166136.21818Delaware1310.2191615.91662831691951.810District of Columbia2551.013467.017793.7180103.01Florida3020.2449627.751.06441.741.271021.7-Idabo11.3-115.2-104.6-1212.140Illinois167.925538.9302413.52043152.99Indiana607.925538.9302415.52516032.721Illinois <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>Male</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>							Male						
Alaska75.3-66.7-6123-00.0-Arkansa129.0222813.4235713.429812331.423Arkansas129.0222813.4235713.4298124.331Calloraia46811.91065119.81010.7125.5131.3040.612Colorado8410.4176713.91912424.6146824.428Connecticut547.112.674.523.116619151.810District of Columbia2551.013467.017793.7180103.01Florida36020.2449627.751.06441.741.29774.82Georgia18723.22.016715.11724.921.32043152.99Indiana607.925538.9309415.52616032.72716Iowa235.835144.14.32011.641413310718.636Louisiana4719.766020.5817124.921.32011.64143.622.	Alabama	39	12.1	9	46	14.4	18	134	21.4	19	195	37.6	16
Arizona6910.6168916.61513020.82123231.42323California46811.91065119.81010.7125.5131.30740.612Colorado8410.4176713.91912424.6146824.428Connecticut547.1262711.2264523.1166136.218District of Columbia2551.013467.017793.7180103.01Florida35020.2449627.751.06441.741.29774.82Georgia18772.222243.0.834437.0556558.47Hawaii208.3242013.5221714.4271021.7-Idaho11.3-115.2-104.6-122140Illinois1579.22016715.11724921.22018.8399415.52616032.721Iowa235.835144.1382810.0372918.935Louisiana4719.7166020.5817129.111380<	Alaska	7	5.3	_	6	6.7	—	6	12.5	_	0	0.0	_
Arkansas129.0222813.4235773.4298124.331Callornado8410.4176713.91912424.6146824.428Colorado647.1262771.2264523.1166136.218Delaware1310.2191615.9162823.11691.951.810District of Columbia2551.013467.017793.7180103.01Forida35020.2449627.751.06441.741.29774.82Georgia18723.2222430.8344137.0556558.47Hawaii208.3242013.522-1044.6-71212.140Illinois1579.22016715.11724.921.32043152.99Indiana607.925538.93094415.52616032.7216.8Louisiana4719.766020.5817129.11138063.93Kansac246.428155.736269.7402011.641Lowa22 </td <td>Arizona</td> <td>69</td> <td>10.6</td> <td>16</td> <td>89</td> <td>16.6</td> <td>15</td> <td>130</td> <td>20.8</td> <td>21</td> <td>232</td> <td>31.4</td> <td>23</td>	Arizona	69	10.6	16	89	16.6	15	130	20.8	21	232	31.4	23
	Arkansas	12	9.0	22	28	13.4	23	57	13.4	29	81	24.3	31
$ \begin{array}{c} \mbox{Coloracio} & 84 & 10.4 & 17 & 67 & 13.9 & 19 & 124 & 24.6 & 14 & 68 & 24.4 & 28 \\ \mbox{Connecticut} & 54 & 7.1 & 26 & 27 & 11.2 & 26 & 45 & 23.1 & 16 & 61 & 36.2 & 18 \\ \mbox{Delaware} & 13 & 10.2 & 19 & 16 & 15.9 & 16 & 28 & 31.6 & 9 & 19 & 51.8 & 10 \\ \mbox{District of Columbia} & 25 & 51.0 & 1 & 34 & 67.0 & 1 & 77 & 93.7 & 1 & 80 & 103.0 & 1 \\ \mbox{Florida} & 350 & 20.2 & 4 & 496 & 27.7 & 5 & 1.064 & 41.7 & 4 & 1.297 & 74.8 & 2 \\ \mbox{Georgia} & 187 & 23.2 & 2 & 224 & 30.8 & 3 & 441 & 37.0 & 5 & 565 & 58.4 & 7 \\ \mbox{Hawaii} & 20 & 8.3 & 24 & 20 & 13.5 & 22 & 17 & 14.4 & 27 & 10 & 21.7 & - \\ \mbox{Illinois} & 157 & 9.2 & 20 & 167 & 15.1 & 17 & 249 & 21.3 & 20 & 431 & 52.9 & 9 \\ \mbox{Indiana} & 60 & 7.9 & 25 & 53 & 8.9 & 30 & 94 & 15.5 & 26 & 160 & 32.7 & 21 \\ \mbox{Indiana} & 60 & 7.9 & 25 & 53 & 8.9 & 30 & 94 & 15.5 & 26 & 160 & 32.7 & 21 \\ \mbox{Indiana} & 60 & 7.9 & 25 & 53 & 8.9 & 30 & 94 & 15.5 & 26 & 160 & 32.7 & 21 \\ \mbox{Issana} & 24 & 6.4 & 28 & 15 & 5.7 & 36 & 26 & 9.7 & 40 & 20 & 11.6 & 41 \\ \mbox{Louisiana} & 47 & 19.7 & 6 & 60 & 20.5 & 8 & 171 & 29.1 & 11 & 380 & 63.9 & 3 \\ \mbox{Imation} & 3 & 2.1 & - & 3 & 2.5 & - & 5 & 2.6 & - & 9 & 13.7 & - \\ \mbox{Maryland} & 229 & 20.1 & 5 & 158 & 30.0 & 4 & 176 & 51.6 & 2 & 121 & 62.0 & 5 \\ \mbox{Imscolus} & 3 & 3 & 0 & 12.7 & 24 & 114 & 23.9 & 15 & 13.9 & 37.8 & 15 \\ \mbox{Imscolus} & 78 & 6.1 & 30 & 6.9 & 12.7 & 24 & 114 & 32.9 & 15 & 13.9 & 37.8 & 15 \\ \mbox{Imscolus} & 78 & 6.5 & 27 & 39 & 7.8 & 33 & 90 & 12.8 & 31 & 112 & 24.3 & 32 \\ \mbox{Imscolus} & 33 & 6 & - & 3 & 2.9 & - & 6 & 4.4 & - & 9 & 11.5 & - \\ \mbox{Nextox} & 5 & 5.4 & - & 8 & 6.6 & - & 26 & 9.9 & 38 & 441 & 61.6 & 8 \\ \mbox{New Jersev} & 151 & 8.5 & 23 & 111 & 17.3 & 13 & 191 & 35.6 & 224 & 24.3 & 32 \\ \mbox{Imscolus} & 71 & 90 & 21 & 38 & 13.8 & 20 & 56 & 10.8 & 35 & 88 & 25.3 & 27 \\ \mbox{North} & 27 & 91.4 & 14 & 274 & 17.3 & 12 & 538 & 31.1 & 10 & 940 & 55.0 & 8 \\ \mbox{New Mexico} & 5 & 54 & - & 8 & 6.6 & - & 26 & 9.9 & 38 & 441 & 13.6 & 39 \\ \mbox Mexico & 5 & $	California	468	11.9	10	651	19.8	10	1,071	25.5	13	1,307	40.6	12
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Colorado	84	10.4	17	67	13.9	19	124	24.6	14	68	24.4	28
	Connecticut	54	7.1	26	27	11.2	26	45	23.1	16	61	36.2	18
District of Columbia 25 510 1 34 67.0 1 77 93.7 1 80 103.0 1 Fonda 350 20.2 4 496 27.7 5 1,064 41.7 4 1.297 74.8 2 Georgia 187 23.2 2 224 30.8 3 441 37.0 5 565 564 7 Hawaii 20 8.3 24 20 13.5 22 17 14.4 27 10 21.7 — Idaho 1 1.3 — 11 5.2 — 10 4.6 — 12 12.1 40 Illinois 157 9.2 20 167 15.1 17 249 21.3 20 431 52.9 9 Indiana 60 7.9 25 53 8.9 30 94 15.5 26 160 32.7 21 lowa 23 5.8 35 14 4.1 38 28 10.0 37 29 18.9 35 Kansas 24 6.4 28 15 5.7 36 26 9.7 40 20 11.6 41 Kentucky 34 11.5 13 42 13.6 21 54 11.4 33 107 18.6 36 Duaisna 47 197 6 60 20.5 8 171 29.1 11 380 63.9 3 Maine 3 2.1 — 3 2.5 — 5 2.6 — 9 13.7 — Maryland 229 20.1 5 158 30.0 4 176 51.6 2 121 62.0 5 Michigan 68 6.0 33 51 6.3 35 96 9.8 39 226 28.1 26 Michigan 68 6.0 33 51 6.3 35 96 9.8 39 226 28.1 26 Michigan 68 6.0 33 51 6.3 35 96 9.8 39 226 28.1 26 Michigan 68 6.0 33 61 6.3 35 96 9.8 39 226 28.1 26 Michigan 68 6.0 33 61 6.3 35 96 9.8 39 226 28.1 26 Michigan 68 6.0 33 61 6.3 35 96 9.8 39 226 28.1 26 Michigan 68 6.0 33 61 6.3 32 18 1.4 32 22 24.3 32 Missisolppi 13 11.9 11 27 17.1 14 78 22.0 17 168 36.8 17 Missouri 39 6.5 27 39 7.8 33 90 12.8 31 112 24.3 32 Montana 3 3.6 — 3 2.9 — 6 4.4 — 9 11.5 — Nevraska 8 3.3 — 17 8.0 32 18 11.4 32 222 24.3 29 Northaaka 8 3.3 — 17 8.0 32 18 11.4 32 222 24.3 29 Northaaka 8 3.3 — 17 8.0 32 18 11.4 32 222 24.3 29 Northaaka 8 3.3 — 17 8.0 32 18 11.4 32 222 24.3 29 Northaaka 8 3.3 — 17 8.0 32 18 11.4 32 222 24.3 29 Northaaka 8 3.3 — 17 8.0 32 18 11.4 32 222 24.3 29 North 274 11.4 14 274 17.3 12 518 31.1 10 240 55.0 8 North Carolina 79 10.3 18 97 11.9 25 199 15.5 25 274 32.3 22 Morthaaka 2 2.0 — 10 11.0 — 8 11.5 — 8 23.6 — Ohio 94 6.3 29 98 10.8 27 189 17.7 24 347 39.2 14 Okiahoma 27 9.0 21 38 34.2 13.9 42 4.4 42 80 10.0 42 Pennsylvaria 52 2.6 38 36 3.1 39 42 4.4 42 80 10.0 42 Pennsylvaria 52 2.6 38 36 3.1 39 42 4.4 42 80 10.0 42 Pennsylvaria 52 2.6 38 36 3.1 39 42 4.4 42 80 10.0 42 Pennsylvaria 52 2.6 38 36 3.1 39 42 4.4 42 80 10.0 42 Pennsylvaria 52 2.6 38 36 3.1 39 42 4.4 42 80 10.0 42 Pennsylvaria 52 2.6 38 36 3.1 39 42 4.4 42 80	Delaware	13	10.2	19	16	15.9	16	28	31.6	9	19	51.8	10
Fiorida 350 20.2 4 496 27.7 5 1.064 41.7 4 1.297 74.8 2 georgia 187 23.2 2 224 30.8 3 441 37.0 5 565 56.4 7 Hawaii 20 8.3 24 20 13.5 22 17 14.4 27 10 21.7 — 1 daho 1 1.3 — 11 5.2 — 10 4.6 — 12 12.1 40 11 linois 157 9.2 20 167 151 17 249 21.3 20 431 52.9 9 Indiana 60 7.9 25 53 8.9 30 94 15.5 26 160 32.7 21 10wa 23 5.8 35 14 4.1 38 28 10.0 37 29 18.9 35 Kansas 24 6.4 28 15 5.7 36 26 9.7 40 20 11.6 41 Kentucky 34 1.5 13 42 13.6 21 54 114 33 107 18.6 36 Louisiana 47 19.7 6 60 20.5 8 171 29.1 11 380 63.9 3 Maine 3 2.1 — 3 2.5 — 5 2.6 — 9 13.7 — 13 Maryland 229 20.1 5 158 30.0 4 176 51.6 2 121 62.0 5 Maryland 229 20.1 5 158 30.0 4 176 51.6 2 121 62.0 5 Maryland 229 20.1 5 158 30.0 4 176 51.6 2 121 62.0 5 Maryland 68 6.0 33 55 16 6.3 35 96 9.8 39 226 28.1 26 Minesota 48 5.0 36 49 9.1 29 47 12.9 30 45 21.3 33 Mississippi 13 11.9 11 27 17.1 14 78 22.0 17 168 368 17 Missouri 39 6.5 27 39 7.8 33 90 12.8 31 112 24.3 32 Mortana 3 3.6 — 3 2.9 — 6 4.4 — 9 11.5 — Nebraska 8 3.3 — 17 8.0 32 18 114 32 22 24.3 29 Nevada 51 15.8 8 86 32.0 2 122 42.3 3 141 24.3 32 Mortana 3 3.6 — 3 2.9 — 6 4.4 — 9 11.5 — Nebraska 8 3.3 — 17 8.0 32 18 11.4 32 22 24.3 29 Nevada 51 15.8 8 86 32.0 2 122 42.3 3 141 24.3 32 Mortana 3 3.6 — 8 6.3 2.0 = 2 122 42.3 3 141 61.8 6 New Hampshire 11 3.6 — 4 6.3 2.9 — 6 4.4 — 9 11.5 — Nebraska 8 3.3 — 17 8.0 32 18 11.4 32 22 24.3 29 Nevada 51 15.8 8 86 32.0 2 122 42.3 3 141 12 24.3 32 Mortana 7 9 10.3 18 97 11.9 25 199 15.5 25 274 32.3 22 North 28.41 13.6 39 North Carolina 79 10.3 18 97 11.9 25 199 15.5 25 274 32.3 22 North 28.41 13.6 39 North 274 11.4 14 274 17.3 12 538 31.1 10 940 55.0 8 North Carolina 7 9 10.3 18 97 11.9 25 199 15.5 25 274 32.3 22 North 28.41 13.6 39 North Carolina 79 10.3 18 97 11.9 25 199 15.5 25 274 32.3 22 North 28.41 13.6 39 North Carolina 79 10.3 18 97 11.9 25 199 15.5 25 274 32.3 22 North 28.41 13.6 39 North Carolina 79 10.3 18 97 11.9 25 199 15.5 25 274 32.3 22 North 28.41 10 940 05.0 8 North Carolina 79 10.3 18 97 11.9 25 199 15.5 25 274 32.3 22 North 28.41 10 940 55.0 8 North Caroli	District of Columbia	25	51.0	1	34	67.0	1	77	93.7	1	80	103.0	1
Georgia 187 23.2 2 224 30.8 3 141 37.0 5 565 58.4 7 Idaho 1 1.3 - 11 5.2 - 10 4.6 - 12 12.1 40 Illinois 157 9.2 20 167 15.1 17 249 21.3 20 431 52.9 9 Indiana 60 7.9 25 53 8.9 30 94 15.5 26 160 32.7 21 160 Kansas 24 6.4 28 15 5.7 36 26 9.7 40 20 11.6 41 Kansas 24 6.4 28 13.5 76 6.1 30 59 2.1 57 36 11 33 107 18.6 36 36 9.8 39 226 28.1 23 33 36 12.9 37.8	Florida	350	20.2	4	496	27.7	5	1,064	41.7	4	1,297	74.8	2
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Georgia	187	23.2	2	224	30.8	3	441	37.0	5	565	58.4	7
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Hawaii	20	8.3	24	20	13.5	22	17	14.4	27	10	21.7	—
$\begin{array}{l lincis $	Idaho	1	1.3		11	5.2		10	4.6		12	12.1	40
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Illinois	157	9.2	20	167	15.1	17	249	21.3	20	431	52.9	9
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Indiana	60	7.9	25	53	8.9	30	94	15.5	26	160	32.7	21
Kansas246.428155.736269.7402011.641Kentucky3411.5134213.6215411.43310718.636Louisiana4719.766020.5817129.11138063.93Maine32.1-32.5-52.6-9913.7-Maryland22920.1515830.0417651.6212162.05Massachusetts786.1305912.72411423.91513937.815Michigan686.033516.335969.83922628.126Minesota485.036499.1294712.9304521.333Mississippi1311.9112717.1147822.01716836.817Mississippi3-178.0321811.4322224.33229Nebraska83.3-178.0321811.4322224.329New Hampshire113.6-43.3-45.7-13.1-New Marka55.4-8	lowa	23	5.8	35	14	4.1	38	28	10.0	37	29	18.9	35
Kentucky3411.5134213.6215411.43310718.636Louisiana4719.766020.5817129.11138063.93Marine32.1-32.5-52.6-9913.7-Maryland22920.1515830.0417651.6212162.05Massachusetts786.1305912.72411423.91513937.815Minnesota485.036499.1294712.9304521.333Mississippi1311.9112717.1147822.01716836.817Missosuri396.527397.8339012.83111224.332Montana33.6-33.921224.332115-Nebraska83.3-178.032.0212242.332115-Nevada5115.888632.0212242.33111124.332New Hampshire113.6-43.3-45.7-13.1-New derico55.4-88	Kansas	24	6.4	28	15	5.7	36	26	9.7	40	20	11.6	41
Louisiana4719.766020.5817129.11138063.93Maine32.132.552.6913.7Maryland22920.1515830.0417651.6212162.05Massachusetts786.1305912.72411423.91513937.815Michigan686.033516.335969.83922628.126Missopri1311.9112717.1147822.01716836.817Missouri396.527397.8339012.83111224.332Montana33.632.964.4911.5Nevada5115.888632.0212242.3314166New Hampshire113.643.345.713.1New Hampshire113.6486.6269.9384113.639New Horko55.486.6269.9384113.639New Horko55.48<	Kentuckv	34	11.5	13	42	13.6	21	54	11.4	33	107	18.6	36
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Louisiana	47	19.7	6	60	20.5	8	171	29.1	11	380	63.9	3
Maryland22920.1515830.0417651.6212162.05Massachusetts786.1305912.72411423.91513937.815Michigan686.033516.335969.83922628.126Minnesota485.036499.1294712.9304521.333Mississippi1311.9112717.1147822.01716836.817Missouri396.527397.8333012.83111224.332Montana33.6-32.9-64.4-911.5-Nevada5115.888632.0212242.3314161.86New Hampshire113.6-43.3-45.7-13.1-New Herko55.4-86.6-269.9384113.639New Kork27411.41427417.31253831.11094055.08North Carolina7910.3189711.92519915.52527432.322Orico946.329	Maine	3	2.1		3	2.5		5	2.6	_	9	13.7	_
Massachusetts786.1305912.72411423.91513937.815Michigan686.033516.335969.83922628.126Minnesota485.036499.1294712.9304521.333Mississippi1311.9112717.1147822.01716836.817Mississippi33.632.964.4911.5Nebraska83.3178.0321811.4322224.329Nevada5115.888632.0212242.3314161.86New Hampshire113.643.345.713.1New Jersey1518.52311117.31319135.6624462.24New Mexico55.486.6269.9384113.639New York27411.41427417.31253831.11094055.08North Dakota22.01011.0811.5823.6Ohio946.329 </td <td>Marvland</td> <td>229</td> <td>20.1</td> <td>5</td> <td>158</td> <td>30.0</td> <td>4</td> <td>176</td> <td>51.6</td> <td>2</td> <td>121</td> <td>62.0</td> <td>5</td>	Marvland	229	20.1	5	158	30.0	4	176	51.6	2	121	62.0	5
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Massachusetts	78	6.1	30	59	12.7	24	114	23.9	15	139	37.8	15
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Michigan	68	6.0	33	51	6.3	35	96	9.8	39	226	28.1	26
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Minnesota	48	5.0	36	49	9.1	29	47	12.9	30	45	21.3	33
Missouri396.527397.8339012.83111224.332Montana33.6-32.9-64.4-911.5-Nebraska83.3-178.0321811.4322224.332Nevada5115.888632.0212242.3314161.86New Hampshire113.6-43.3-45.7-13.1-New Jersey1518.52311117.31319135.6624462.24New Vork27411.41427417.31253831.11094055.08North Carolina7910.3189711.92519915.52527432.322North Dakota22.0-1011.0-811.5-823.6-Ohio946.32.99810.82718917.72434739.214Oklahoma279.0213813.8205610.8358825.327Orito946.32.99810.82.718917.72434739.214Oklahoma279.02138 <td>Mississippi</td> <td>13</td> <td>11.9</td> <td>11</td> <td>27</td> <td>17.1</td> <td>14</td> <td>78</td> <td>22.0</td> <td>17</td> <td>168</td> <td>36.8</td> <td>17</td>	Mississippi	13	11.9	11	27	17.1	14	78	22.0	17	168	36.8	17
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Missouri	39	6.5	27	39	7.8	33	90	12.8	31	112	24.3	32
Nebraska83.3-178.0321811.4322224.329Nevada5115.888632.0212242.3314161.86New Hampshire113.6-43.3-45.7-13.1-New Jersey1518.52.311117.31319135.6624462.24New Mexico55.4-86.6-269.9384113.639New York27411.41427417.31253831.11094055.08North Carolina7910.3189711.92519915.52527432.322North Dakota22.0-1011.0-811.5-823.6-Ohio946.3299810.82718917.72434739.214Oklahoma279.0213813.8205610.8358825.327Oregon176.032246.634549.0416019.634Puerto Rico00.0-55.84-2434.8829024.330Rhode Island106.0-9<	Montana	3	3.6		3	2.9	_	6	4.4	_		11.5	_
Nevada5115.888632.0212242.3314161.86New Hampshire113.643.345.713.1New Jersey1518.52311117.31319135.6624462.24New Mexico55.486.6269.9384113.639New York27411.41427417.31253831.11094055.08North Carolina7910.3189711.92519915.52527432.322North Dakota22.01011.0811.5823.6Ohio946.3299810.82718917.72434739.214Oklahoma279.0213813.8205610.8358825.327Oregon176.032246.634549.0416019.634Puerto Rico00.0538.42434.8829024.330Rhode Island106.0911.91620.7222529.024South Carolina6216.1<	Nebraska	8	3.3		17	8.0	32	18	11.4	32	22	24.3	29
New Hampshire113.6-43.3-45.7-13.1-New Jersey1518.52311117.31319135.6624462.24New Mexico55.4-86.6-269.9384113.639New York27411.41427417.31253831.11094055.08North Carolina7910.3189711.92519915.52527432.322Ohio946.3299810.82718917.72434739.214Oklahoma279.0213813.8205610.8358825.327Oregon176.032246.634549.0416019.634Pennsylvania522.638363.139424.4428010.420Rhode Island106.0-911.9-1620.7222529.024South Carolina6216.177721.9716226.91219040.213South Carolina6216.177721.9716226.91219040.213South Carolina62	Nevada	51	15.8	8	86	32.0	2	122	42.3	3	141	61.8	6
New Jersey1518.52311117.31319135.6624462.24New Mexico55.486.6269.9384113.639New York27411.41427417.31253831.11094055.08North Carolina7910.3189711.92519915.52527432.322North Dakota22.01011.0811.5823.6Ohio946.3299810.82718917.72434739.214Oklahoma279.0213813.8205610.8358825.327Oregon176.032246.634549.0416019.634Pennsylvania522.638363.139424.4428010.042Puerto Rico00.0538.42434.8829024.330Rhode Island106.0911.91620.7222529.024South Carolina6216.177721.9716226.91219040.213South Carolina5 </td <td>New Hampshire</td> <td>11</td> <td>3.6</td> <td>_</td> <td>4</td> <td>3.3</td> <td>_</td> <td>4</td> <td>5.7</td> <td>_</td> <td>1</td> <td>3.1</td> <td>_</td>	New Hampshire	11	3.6	_	4	3.3	_	4	5.7	_	1	3.1	_
New Mexico55.4-86.6-269.9384113.639New York27411.41427417.31253831.11094055.08North Carolina7910.3189711.92519915.52527432.322North Dakota22.0-1011.0-811.5-823.6-Ohio946.3299810.82718917.72434739.214Oklahoma279.0213813.8205610.8358825.327Oregon176.032246.634549.0416019.634Pennsylvania522.638363.139424.4428010.042Puerto Rico00.0-538.4-2434.8829024.330Rhode Island106.0-911.9-1620.7222529.024South Carolina6216.177721.9716226.91219040.213South Carolina6216.177721.9716226.91219040.213South Carolina62 <th< td=""><td>New Jersev</td><td>151</td><td>8.5</td><td>23</td><td>111</td><td>17.3</td><td>13</td><td>191</td><td>35.6</td><td>6</td><td>244</td><td>62.2</td><td>4</td></th<>	New Jersev	151	8.5	23	111	17.3	13	191	35.6	6	244	62.2	4
New York27411.41427417.31253831.11094055.08North Carolina7910.3189711.92519915.52527432.322North Dakota22.0-1011.0-811.5-823.6-Ohio946.3299810.82718917.72434739.214Oklahoma279.0213813.8205610.8358825.327Oregon176.032246.634549.0416019.634Pennsylvania522.638363.139424.4428010.042Puerto Rico00.0-538.4-2434.8829024.330Rhode Island106.0-911.9-1620.7222529.024South Carolina6216.177721.9716226.91219040.213South Dakota55.0-911.0-1011.2-47.9-Tennessee6011.81210120.0914418.02321834.419Texas58620.6<	New Mexico	5	5.4		8	6.6		26	9.9	38	41	13.6	39
North Carolina7910.3189711.92519915.52527432.322North Dakota22.0-1011.0-811.5-823.6-Ohio946.3299810.82718917.72434739.214Oklahoma279.0213813.8205610.8358825.327Oregon176.032246.634549.0416019.634Pennsylvania522.638363.139424.4428010.042Puerto Rico00.0-538.4-2434.8829024.330Rhode Island106.0-911.9-1620.7222529.024South Carolina6216.177721.9716226.91219040.213South Dakota55.0-911.0-1011.2-47.9-Tennessee6011.81210120.0914418.02321834.419Texas58620.6352326.8696835.271,16349.511Utah266.131<	New York	274	11.4	14	274	17.3	12	538	31.1	10	940	55.0	8
North Dakota22.0-1011.0-811.5-823.6-Ohio946.3299810.82718917.72434739.214Oklahoma279.0213813.8205610.8358825.327Oregon176.032246.634549.0416019.634Pennsylvania522.638363.139424.4428010.042Puerto Rico00.0-538.4-2434.8829024.330Rhode Island106.0-911.9-1620.7222529.024South Carolina6216.177721.9716226.91219040.213South Dakota55.0-911.0-1011.2-47.9-Tennessee6011.81210120.0914418.02321834.419Texas58620.6352326.8696835.271,16349.511Utah266.131228.7312310.3362216.938Vermont11.3-7 <td>North Carolina</td> <td>79</td> <td>10.3</td> <td>18</td> <td>97</td> <td>11.9</td> <td>25</td> <td>199</td> <td>15.5</td> <td>25</td> <td>274</td> <td>32.3</td> <td>22</td>	North Carolina	79	10.3	18	97	11.9	25	199	15.5	25	274	32.3	22
Ohio946.3299810.82718917.72434739.214Oklahoma279.0213813.8205610.8358825.327Oregon176.032246.634549.0416019.634Pennsylvania522.638363.139424.4428010.042Puerto Rico00.0538.42434.8829024.330Rhode Island106.0911.91620.7222529.024South Carolina6216.177721.9716226.91219040.213South Dakota55.0911.01011.247.9Tennessee6011.81210120.0914418.02321834.419Texas58620.6352326.8696835.271,16349.511Utah266.131228.7312310.3362216.938Vermont11.379.2-11.5622.3	North Dakota	2	2.0		10	11.0		8	11.5		8	23.6	
Oklahoma279.0213813.8205610.8358825.327Oregon176.032246.634549.0416019.634Pennsylvania522.638363.139424.4428010.042Puerto Rico00.0538.42434.8829024.330Rhode Island106.0911.91620.7222529.024South Carolina6216.177721.9716226.91219040.213South Dakota55.0911.01011.247.9Tennessee6011.81210120.0914418.02321834.419Texas58620.6352326.8696835.271,16349.511Utah266.131228.7312310.3362216.938Vermont11.379.211.5622.3	Ohio	94	6.3	29	98	10.8	27	189	17.7	24	347	39.2	14
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Oklahoma	27	9.0	21	38	13.8	20	56	10.8	35	88	25.3	27
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Oregon	17	6.0	32	24	6.6	34	54	9.0	41	60	19.6	34
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Pennsylvania	52	2.6	38	36	3.1	39	42	4.4	42	80	10.0	42
Rhode Island106.0 $-$ 911.9 $-$ 1620.7222529.024South Carolina6216.177721.9716226.91219040.213South Dakota55.0 $-$ 911.0 $-$ 1011.2 $-$ 47.9 $-$ Tennessee6011.81210120.0914418.02321834.419Texas58620.6352326.8696835.271,16349.511Utah266.131228.7312310.3362216.938Vermont11.3 $-$ 79.2 $-$ 11.5 $-$ 622.3 $-$	Puerto Rico	0	0.0	_	5	38.4	_	24	34.8	8	290	24.3	30
South Carolina 62 16.1 7 77 21.9 7 162 26.9 12 190 40.2 13 South Dakota 5 5.0 $ 9$ 11.0 $ 10$ 11.2 $ 4$ 7.9 $-$ Tennessee 60 11.8 12 101 20.0 9 144 18.0 23 218 34.4 19 Texas 586 20.6 3 523 26.8 6 968 35.2 7 $1,163$ 49.5 11 Utah 26 6.1 31 22 8.7 31 23 10.3 36 22 16.9 38 Vermont 1 1.3 $ 7$ 9.2 $ 1$ 1.5 $ 6$ 22.3 $-$	Rhode Island	10	6.0		9	11.9		16	20.7	22	25	29.0	24
South Dakota55.0-911.0-1011.2-47.9-Tennessee6011.81210120.0914418.02321834.419Texas58620.6352326.8696835.271,16349.511Utah266.131228.7312310.3362216.938Vermont11.3-79.2-11.5-622.3-	South Carolina	62	16.1	7	77	21.9	7	162	26.9	12	190	40.2	13
Tennessee 60 11.8 12 101 20.0 9 144 18.0 23 218 34.4 19 Texas 586 20.6 3 523 26.8 6 968 35.2 7 $1,163$ 49.5 11 Utah 26 6.1 31 22 8.7 31 23 10.3 36 22 16.9 38 Vermont 1 1.3 $ 7$ 9.2 $ 1$ 1.5 $ 6$ 22.3 $-$	South Dakota	5	5.0	—	9	11.0		10	11.2		4	7.9	_
Texas 586 20.6 3 523 26.8 6 968 35.2 7 $1,163$ 49.5 11 Utah 26 6.1 31 22 8.7 31 23 10.3 36 22 16.9 38 Vermont 1 1.3 $ 7$ 9.2 $ 1$ 1.5 $ 6$ 22.3 $-$	Tennessee	60	11.8	12	101	20.0	9	144	18.0	23	218	34.4	19
Utah 26 6.1 31 22 8.7 31 23 10.3 36 22 16.9 38 Vermont 1 1.3 — 7 9.2 — 1 1.5 — 6 22.3 —	Texas	586	20.6	3	523	26.8	6	968	35.2	7	1 163	49.5	11
Vermont 1 1.3 — 7 9.2 — 1 1.5 — 6 22.3 —	Utah	26	6.1	31	22	8.7	31	23	10.3	36	22	16.9	38
	Vermont	1	1.3		7	9.2		1	1.5		6	22.3	_
Virginia 146 10.7 15 136 186 11 149 21.6 18 123 33.6 20	Virginia	146	10.7	15	136	18.6	11	149	21.6	18	123	33.6	20
Washington 52 5.9 34 77 10.3 28 110 14.2 28 66 18.4 37	Washington	52	59	34	77	10.3	28	110	14.2	28	66	18.4	37
West Virginia $0 0 0 - 3 20 - 8 27 - 10 40 - 3$	West Virginia	02	0.0		3	2.0	20	8	27		10	10.4	
Wisconsin 29 35 37 27 43 37 54 11 1 34 77 28 7 25	Wisconsin	29	3.5	37	27	43	37	54	11 1	34	77	28.7	25
Wyoming $3 42 - 1 14 - 4 64 - 1 50 - 200 $	Wyoming	23	4.2		1	14		4	6.4	— —	1	5.0	
Total ^b 3.906 10.6 — 4.255 16.1 — 7.558 23.4 — 10.324 40.0 —	Total ^b	3.906	10.6	_	4,255	16.1	_	7,558	23.4		10.324	40.0	

Table 4. Diagnoses of HIV infection among adults, by federal poverty level, sex, and area of residence, 2017—census tract level, United States and Puerto Rico

					Belo	w federal po	verty lev	el (%)				
		<7			7.00–10.9		1	1.00–18.9	99		≥19	
Area of residence	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a
						Female						
Alabama	5	1.4		8	2.4	_	18	2.6	28	63	10.7	16
Alaska	0	0.0	_	1	1.2	_	1	2.4	_	0	0.0	_
Arizona	10	1.4	_	24	4.2	8	21	3.3	22	32	4.4	29
Arkansas	3	2.1	_	2	0.9	_	14	3.1	24	20	5.5	26
California	65	1.6	15	64	1.9	18	114	2.6	27	186	5.6	25
Colorado	5	0.6		6	1.2		14	2.8	26	10	3.7	_
Connecticut	15	1.9	13	11	4.2		20	9.4	4	28	15.0	7
Delaware	6	4.4	_	7	6.5	_	8	7.9	_	7	16.8	
District of Columbia	4	7.7		10	17.9		17	18.9	1	32	33.0	1
Florida	61	3.3	4	103	5.3	5	266	9.8	3	429	23.5	3
Georgia	34	4.0	3	58	7.3	2	109	8.4	6	191	18.1	6
Hawaii	2	0.8	_	1	0.7	_	0	0.0	_	0	0.0	_
Idaho	0	0.0	_	1	0.5	_	1	0.5	_	2	2.0	_
Illinois	12	0.7	17	16	1.4	19	49	4.0	16	110	12.3	11
Indiana	13	1.6	14	12	2.0	16	22	3.4	21	47	8.9	17
lowa	3	0.7		1	0.3			3.0		10	6.7	
Kansas	6	1.5	_	4	1.5	_	5	1.8	_	8	4.6	_
Kentucky	ğ	2.9		5	1.5		18	3.6	19	20	3.2	32
Louisiana	12	47	2	20	6.4	4	42	6.8	11	133	20.2	5
Maine	0	0.0	_	20	0.0		0	0.0		2	29	_
Maryland	92	7.4	1	71	12.3	1	65	17.0	2	47	20.7	4
Massachusetts	26	19	12	20	3.0	10	33	6.3	13	55	13.8	9
Michigan	7	0.6	12	10	1.2		25	2.4	30	57	6.5	20
Minnesota	10	1.0	11	14	2.5	15	17	2. 4 1.5	15	11	53	20
Minnesola	19	1.3	11	14	2.5	15	20	7.6	7	56	10.0	15
Mississippi	2	1.7		10	0.9		29	7.0	25	20	5.7	10
Montono	0	0.9	_	4	0.0	_	23	0.1	20	29	0.0	24
Nohranka	1	0.0	_	2	1.9		1	0.0		10	11 1	
Nepraska	1	0.4	_	10	1.4		12	0.0	14	10	11.1	10
Nevaua New Hempehire	0	Z.4		10	0.0		10	4.0	14	20	12.9	10
	4	1.3		25	0.0		E1	1.3	 E	101	0.4	
New Jersey	49	2.0	0	30	5.0	0	51	8.9	5	101	23.7	2
		1.1		2	1.0		3	1.1		4	1.3	
New YORK	63	2.4	/	58	3.4	12	129	6.9	10	283	14.6	8
North Carolina	17	2.1	8	31	3.5	11	45	3.2	23	58	6.1	21
North Dakota	1	1.1		2	2.3		3	4.5		0	0.0	
Ohio	14	0.9	16	19	2.0	1/	46	4.0	1/	81	8.3	18
Oklahoma	1	2.2		1	2.4	—	14	2.6	29	18	5.0	27
Oregon	1	0.3	_	3	0.8	_	13	2.1	32	12	3.9	31
Pennsylvania	8	0.4	—	5	0.4	—	8	0.8	—	36	4.0	30
Puerto Rico	0	0.0	_	0	0.0	_	2	2.5	_	80	5.9	23
Rhode Island	2	1.1	—	1	1.2	_	2	2.3	_	10	10.7	
South Carolina	9	2.2	_	26	6.9	3	49	7.5	9	60	11.3	14
South Dakota	1	1.0		2	2.4	<u> </u>	3	3.3		0	0.0	
Tennessee	10	1.8	_	15	2.7	14	29	3.4	20	54	7.7	19
Texas	86	2.9	5	86	4.3	7	215	7.6	8	277	11.5	12
Utah	1	0.2	_	3	1.2	—	2	0.9	—	1	0.8	_
Vermont	2	2.5	_	0	0.0	—	1	1.4	—	3	10.7	—
Virginia	28	2.0	10	32	4.1	9	47	6.3	12	45	11.4	13
Washington	18	2.0	9	23	3.0	13	30	3.8	18	16	4.5	28
West Virginia	0	0.0	_	1	0.6	_	2	0.7	_	3	1.4	_
Wisconsin	4	0.5		6	0.9		12	2.4	31	17	5.9	22
Wyoming	0	0.0	_	0	0.0	_	1	1.6	—	0	0.0	_
Total ^b	752	1.9	_	856	3.1	_	1,662	4.9	_	2,784	10.1	_

Table 4. Diagnoses of HIV infection among adults, by federal poverty level, sex, and area of residence, 2017—census tract level, United States and Puerto Rico (cont)

					Belo	w federal p	overty lev	el (%)				
-		<7		7	7.00–10.9)9	1	1.00–18.	99		≥19	
Area of residence	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a
						Total						
Alabama	44	6.6	15	54	8.2	17	152	11.6	21	258	23.3	15
Alaska	7	2.8	_	7	4.0	_	7	7.8	—	0	0.0	_
Arizona	79	5.9	18	113	10.2	15	151	12.0	20	264	18.0	24
Arkansas	15	5.5	20	30	7.0	26	71	8.1	29	101	14.5	31
California	533	6.6	12	715	10.6	14	1,185	13.9	16	1,493	22.9	18
Colorado	89	5.4	22	73	7.5	22	138	13.8	17	78	14.2	32
Connecticut	69	4.4	26	38	7.5	23	65	16.0	13	89	25.1	13
Delaware	19	7.2	9	23	11.0	11	36	19.0	8	26	33.2	9
District of Columbia	29	28.6	1	44	41.3	1	94	54.7	1	112	64.2	1
Florida	411	11.4	6	599	16.1	5	1,330	25.2	3	1,726	48.5	2
Georgia	221	13.3	3	282	18.5	3	550	22.1	5	756	37.4	7
Hawaii	22	4.6	25	21	7.1	25	17	7.0	33	10	10.9	_
Idaho	1	0.6	_	12	2.8	38	11	2.5	_	14	7.1	41
Illinois	169	4.8	23	183	8.1	19	298	12.5	19	541	31.6	10
Indiana	73	4.7	24	65	5.4	31	116	9.2	25	207	20.3	21
lowa	26	3.2	35	15	2.1	40	37	6.4	36	39	12.9	34
Kansas	30	3.9	29	19	3.6	37	31	5.7	39	28	8.1	39
Kentucky	43	7.1	10	47	7.4	24	72	7.4	31	127	10.7	37
Louisiana	59	12.0	4	80	13.3	8	213	17.7	10	513	41.0	4
Maine	3	1.0		3	1.2		5	1.2	—	11	8.2	_
Maryland	321	13.5	2	229	20.8	2	241	33.4	2	168	39.8	5
Massachusetts	104	3.9	28	79	8.1	18	147	14.6	14	194	25.3	12
Michigan	75	3.2	34	61	3.7	35	121	6.0	37	283	16.8	27
Minnesota	67	3.5	33	63	5.7	30	64	8.6	28	56	13.3	33
Mississippi	15	6.6	14	37	11.3	9	107	14.6	15	224	23.1	16
Missouri	45	3.6	30	43	4.2	34	113	7.8	30	141	14.5	29
Montana	3	1.8		5	2.4		6	2.2		9	5.7	_
Nebraska	9	1.9		20	4.7	33	19	5.9	38	32	17.7	25
Nevada	59	8.9	7	96	17.8	4	135	23.6	4	169	38.0	6
New Hampshire	15	2.4	38	5	2.0		5	3.4	_	3	4.8	_
New Jersev	200	5.4	21	146	10.9	13	242	21.8	6	345	42.1	3
New Mexico	6	3.3		10	4.0		29	5.4	42	45	7.3	40
New York	337	6.7	11	332	10.1	16	667	18.6	9	1.223	33.5	8
North Carolina	96	6.0	17	128	7.6	21	244	9.1	26	332	18.5	23
North Dakota	3	1.5		12	6.7	27	11	8.0	_	8	12.4	_
Ohio	108	3.6	31	117	6.3	29	235	10.6	23	428	23.0	17
Oklahoma	34	5.5	19	45	8.0	20	70	6.6	35	106	15.0	28
Oregon	18	3.1	37	27	3.6	36	67	5.5	41	72	11.8	35
Pennsvlvania	60	1.5	40	41	1.7	41	50	2.5	43	116	6.8	42
Puerto Rico	0	0.0		5	18.0	_	26	17.4	11	370	14.5	30
Rhode Island	12	3.5	32	10	6.3		18	11.1	22	35	19.5	22
South Carolina	71	8.9	8	103	14.2	7	211	16.8	12	250	24.9	14
South Dakota	6	3.0		11	6.7		13	7.2	32	4	4.0	_
Tennessee	70	6.6	13	116	11.0	12	173	10.5	24	272	20.4	20
Texas	672	11.5	5	609	15.3	6	1.183	21.2	7	1.440	30.2	11
Utah	27	3.1	36	25	4.9	32	25	5.5	40	23	9.1	38
Vermont	3	1.9		7	4.5		2	1.5	_	9	16.3	_
Virginia	174	6.3	16	168	11.1	10	196	13.7	18	168	22.0	19
Washington	70	3.9	27	100	6.6	28	140	9.0	27	82	11.5	36
West Virginia	0	0.0		4	1.3		10	1.7		13	3.1	43
Wisconsin	33	2.0	39	33	2.6	39	66	6.7	34	.0	16.9	26
Wvoming	3	2.1	_	1	0.7	_	5	4.1	_	1	2.6	
Total ^b	4,658	6.2	_	5.111	9.4	_	9.220	13.9	_	13,108	24.5	_

Table 4. Diagnoses of HIV infection among adults, by federal poverty level, sex, and area of residence, 2017 census tract level, United States and Puerto Rico *(cont)*

Note. Data reflect the census tract of the person's residential address at the time they received an HIV diagnosis, and the proportion of residents in the census tract who were living below the U.S. poverty level at any time during the 12 months before the survey response (individuals aged 18 years and older).

Reported numbers less than 12, and rates based on these numbers, should be interpreted with caution. Rates are per 100,000 population.

For the definitions of social determinants of health indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/ subject_definitions/2017_ACSSubjectDefinitions.pdf.

Based on rate.

^b Totals do not represent all adults whose HIV infection was diagnosed during 2017 in these areas. See Technical Notes for exclusion criteria.

					Less th	han high sc	hool dipl	oma (%)				
-		<6		(6.00-10.9	99		1.00-17.	99		≥18	
Area of residence	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a
						Male						
Alabama	53	18.5	7	86	24.3	11	115	22.1	18	160	25.5	24
Alaska	4	4.0	_	9	8.6		6	8.5		0	0.0	
Arizona	105	14.7	14	93	14.9	21	117	22.9	15	206	29.1	21
Arkansas	21	14.9	13	43	18.3	15	59	13.5	28	55	19.2	33
California	588	16.6	11	531	17.7	17	579	22.5	16	1.801	32.2	17
Colorado	96	10.1	26	98	18.8	14	55	16.9	24	94	32.4	16
Connecticut	38	7.3	30	36	8.1	35	45	22.2	17	68	35.1	13
Delaware	6	7.6	_	20	16.5	19	26	27.0	12	24	41.9	8
District of Columbia	47	43.3	1	41	94.3	1	83	120.5	1	45	116.5	1
Florida	495	26.7	4	730	34.0	4	791	40.4	2	1.196	64.5	2
Georgia	234	33.8	2	345	40.5	2	413	39.7	3	425	38.3	10
Hawaii	21	9.1	28	21	10.8	29	21	21.5	19	4	12.4	
Idaho	9	5.6		9	4.0	_	11	7.0	_	5	7.7	
Illinois	205	13.7	17	192	13.5	25	274	28.3	10	333	36.4	12
Indiana	33	7.0	33	96	11.8	27	109	14.8	26	129	29.9	20
lowa	29	6.5	37	30	6.3	42	19	12.0	32	16	17.4	37
Kansas	27	6.8	34	25	6.8	38	13	7.4	39	20	14.4	38
Kentucky	27	10.3	25	76	20.7	13	61	12.8	31	73	13.2	39
Louisiana	72	33.6	3	94	29.7	5	195	37.4	5	297	44.9	7
Maine	6	3.5	_	9	3.8	_	4	4.0	_	1	8.1	_
Marvland	129	18.4	8	215	28.5	8	166	37.9	4	174	53.6	5
Massachusetts	0	9.2	27	63	9.1	33	90	19.8	21	139	37.4	11
Michigan	90	8.2	29	93	7.1	37	124	13.6	27	134	30.6	18
Minnesota	60	6.7	35	73	9.1	32	30	11.7	33	26	21.3	31
Mississippi	20	20.4	6	54	29.1	7	88	26.1	13	124	27.1	23
Missouri	73	12.4	19	63	9.3	31	87	12.8	30	57	17.5	36
Montana	4	2.8		9	5.0		8	11.9		0	0.0	_
Nebraska	20	7.1	31	15	6.6	40	12	9.9	36	18	24.6	26
Nevada	35	17.7	9	77	23.7	12	91	35.2	6	197	60.4	3
New Hampshire	8	3.5	_	7	3.4	_	3	3.9		2	13.3	_
New Jersev	80	7.0	32	148	13.7	24	165	28.6	9	304	54.8	4
New Mexico	18	11.1	23	16	10.6	30	18	9.6	37	28	10.1	40
New York	217	11.6	21	294	14.9	20	457	28.1	11	1.058	53.1	6
North Carolina	119	14.2	16	139	17.2	18	168	15.7	25	223	22.1	30
North Dakota	7	7.4		16	10.9	28	4	9.1		1	12.2	_
Ohio	128	10.4	24	216	14.6	22	188	18.2	23	196	32.5	15
Oklahoma	40	15.3	12	55	13.9	23	44	9.3	38	70	22.5	29
Oregon	51	11.8	20	39	7.7	36	31	7.1	40	34	19.5	32
Pennsylvania	32	2.3	39	75	4.3	43	63	5.6	41	40	6.8	41
Puerto Rico	8	22.4		26	34.2	3	59	23.3	14	226	24.7	25
Rhode Island	9	10.3		19	12.0	26	9	12.1		23	27.2	22
South Carolina	67	17.3	10	126	29.2	6	137	28.9	8	161	30.4	19
South Dakota	7	6.5		10	8.1		8	12.3		3	11.1	
Tennessee	68	14.3	15	134	25.5	10	171	21.0	20	151	23.7	27
Texas	542	26.3	5	515	26.6	9	623	29.4	7	1,561	40.9	9
Utah	29	6.6	36	21	6.7	39	25	13.0	29	18	18.5	35
Vermont	6	7.7		7	6.0		1	2.0		1	39.3	
Virginia	124	12.7	18	151	18.0	16	158	19.3	22	121	22.9	28
Washington	110	11.3	22	75	8.4	34	64	10.8	35	56	19.1	34
West Virginia	2	2.6	_	4	2.3	_	7	2.4		8	4.6	
Wisconsin	43	5.4	38	57	6.3	41	41	11.2	34	46	32.8	14
Wyoming	1	1.4		6	5.8	_	2	4.1	_	0	0.0	_
Total ^b	4,361	13.6	_	5,402	16.3	_	6,138	22.3	_	10,152	35.1	_

Table 5. Diagnoses of HIV infection among adults, by education level, sex, and area of residence, 2017—census tract level, United States and Puerto Rico

	Less than high school diploma (%)											
		<6		6	6.00-10.9	9	1	1.00-17.9	99		≥18	
Area of residence	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a
						Female						
Alabama	6	1.9		16	4.0	11	27	4.7	15	45	6.7	23
Alaska	0	0.0	_	1	1.0	_	1	1.6	_	0	0.0	_
Arizona	17	2.2	6	18	2.7	19	17	3.2	26	35	5.2	28
Arkansas	6	4.0	_	9	3.5	_	11	2.4	_	13	4.4	32
California	46	1.2	15	63	2.0	23	67	2.5	28	253	4.5	31
Colorado	5	0.5	_	10	1.9	_	6	1.8	_	14	5.1	29
Connecticut	7	1.3	_	16	3.3	14	20	9.1	7	31	15.0	7
Delaware	3	3.5	_	8	6.0	_	5	4.6	_	12	21.0	3
District of Columbia	10	8.2	_	11	23.7		23	28.0	1	19	43.6	1
Florida	67	3.3	4	140	6.0	6	226	10.6	5	426	23.0	2
Georgia	39	5.3	2	77	8.0	2	122	10.5	6	154	13.4	10
Hawaii	2	0.9	_	0	0.0	_	0	0.0	_	1	3.3	—
Idaho	0	0.0	_	4	1.7	_	0	0.0	_	0	0.0	—
Illinois	30	1.9	8	30	2.0	24	52	4.9	14	75	8.2	18
Indiana	10	2.0	_	22	2.6	21	29	3.7	22	33	7.4	20
lowa	2	0.4	_	8	1.6	_	7	4.2	_	6	6.5	_
Kansas	7	1.7	_	2	0.5	_	4	2.2	_	10	7.6	
Kentucky	6	2.1	_	5	1.3	_	18	3.6	24	23	4.0	33
Louisiana	12	5.2	3	21	6.2	5	64	11.2	4	110	15.9	6
Maine	0	0.0	_	0	0.0	_	2	1.9	_	0	0.0	—
Maryland	48	6.2	1	79	9.4	1	80	16.4	2	68	20.9	4
Massachusetts	22	1.9	9	27	3.6	12	28	5.7	11	57	14.3	9
Michigan	10	0.9		14	1.0	25	37	3.8	21	38	8.4	17
Minnesota	14	1.5	13	25	3.1	15	6	2.3	_	16	13.4	11
Mississippi	2	1.8		15	7.3	4	29	7.7	8	51	10.4	13
Missouri	5	0.8	—	16	2.2	22	25	3.5	25	16	4.8	30
Montana	1	0.7		1	0.6		0	0.0	_	0	0.0	—
Nebraska	4	1.3	—	3	1.3	_	3	2.5	—	5	7.1	_
Nevada	5	2.4		12	3.5	13	12	4.6	16	30	10.0	14
New Hampshire	2	0.8	—	3	1.4		1	1.3	—	2	13.7	—
New Jersey	25	2.0	7	48	4.1	9	72	11.3	3	91	16.0	5
New Mexico	4	2.3		0	0.0		3	1.5	_	3	1.1	
New York	22	1.1	16	63	3.0	18	129	7.2	9	319	14.7	8
North Carolina	14	1.6	12	36	4.0	10	43	3.7	23	58	5.4	27
North Dakota	0	0.0	—	4	2.9		2	4.5	—	0	0.0	—
Ohio	17	1.3	14	42	2.6	20	46	4.1	19	55	8.9	16
Oklahoma	8	2.9	—	6	1.4	_	14	2.8	27	18	6.0	26
Oregon	2	0.4	_	6	1.1		10	2.2		11	6.4	—
Pennsylvania	5	0.3	—	8	0.4		20	1.7	29	24	3.9	34
Puerto Rico	2	4.6	—	2	2.2		14	4.5	17	64	6.3	25
Rhode Island	0	0.0	—	3	1.7		2	2.4	_	10	11.1	—
South Carolina	10	2.4	—	36	7.6	3	35	6.7	10	63	11.1	12
South Dakota	2	1.8	—	2	1.6		2	3.1	—	0	0.0	—
Tennessee	7	1.3	—	17	3.0	17	37	4.2	18	47	7.1	22
Texas	67	3.1	5	94	4.5	8	127	5.6	13	376	10.0	15
Utah	0	0.0	—	3	0.9		4	2.1	—	0	0.0	—
Vermont	2	2.4	—	1	0.8		1	1.9	—	2	69.0	—
Virginia	19	1.9	10	45	5.0	7	49	5.6	12	39	7.2	21
Washington	16	1.6	11	28	3.0	16	24	4.0	20	19	6.6	24
West Virginia	1	1.2		0	0.0		3	1.0		2	1.1	_
Wisconsin	6	0.7		10	1.1		11	3.0		12	8.1	19
Wyoming	0	0.0	—	0	0.0	—	1	2.2	—	0	0.0	
Total ^D	617	1.8	—	1,110	3.1	—	1,571	5.3	—	2,756	9.4	—

Table 5. Diagnoses of HIV infection among adults, by education level, sex, and area of residence, 2017—census tract level, United States and Puerto Rico (cont)

					Less th	nan high so	chool diplo	oma (%)				
-		<6		(6.00-10.9	9	1	1.00-17.	99		≥18	
Area of residence	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a
						Total						
Alabama	59	9.9	8	102	13.5	11	142	12.9	17	205	15.8	26
Alaska	4	2.1	—	10	5.0	—	7	5.2	_	0	0.0	_
Arizona	122	8.3	14	111	8.6	22	134	12.9	16	241	17.4	24
Arkansas	27	9.2	11	52	10.6	16	70	7.7	31	68	11.6	35
California	634	8.7	13	594	9.6	19	646	12.2	20	2,054	18.4	22
Colorado	101	5.3	27	108	10.3	18	61	9.4	25	108	19.2	18
Connecticut	45	4.2	33	52	5.6	33	65	15.4	13	99	24.7	12
Delaware	9	5.4		28	11.0	14	31	15.1	14	36	31.5	7
District of Columbia	57	24.6	1	52	57.9	1	106	70.2	1	64	77.9	1
Florida	562	14.5	4	870	19.4	3	1,017	24.8	3	1,622	43.7	2
Georgia	273	19.1	2	422	23.3	2	535	24.2	4	579	25.6	9
Hawaii	23	5.0	28	21	5.3	34	21	10.6	23	5	8.0	—
Idaho	9	2.8		13	2.9	44	11	3.5		5	3.9	_
Illinois	235	7.6	16	222	7.5	24	326	16.1	12	408	22.3	13
Indiana	43	4.4	30	118	7.0	27	138	9.1	26	162	18.5	20
lowa	31	3.4	36	38	3.9	39	26	8.0	30	22	11.9	34
Kansas	34	4.2	32	27	3.6	43	17	4.7	39	30	11.1	37
Kentucky	33	6.1	23	81	10.7	15	79	8.0	28	96	8.5	39
Louisiana	84	18.8	3	115	17.5	7	259	23.7	5	407	30.1	8
Maine	6	1.7		9	1.9		6	2.9		1	4.1	_
Maryland	177	11.9	6	294	18.5	4	246	26.6	2	242	37.3	3
Massachusetts	120	5.3	26	90	6.2	29	118	12.5	18	196	25.4	11
Michigan	100	4.4	29	107	4.0	38	161	8.5	27	172	19.3	17
Minnesota	74	4.1	35	98	6.0	30	36	7.0	35	42	17.4	23
Mississippi	22	10.6	7	69	17.6	6	117	16.4	11	175	18.5	21
Missouri	78	6.4	20	79	5.6	32	112	8.0	29	73	11.1	36
Montana	5	1.7	—	10	2.8		8	6.0	_	0	0.0	—
Nebraska	24	4.1	34	18	3.9	40	15	6.2	36	23	16.1	25
Nevada	40	9.8	9	89	13.4	12	103	19.8	6	227	36.3	4
New Hampshire	10	2.2	—	10	2.4	_	4	2.6	—	4	13.5	—
New Jersey	105	4.4	31	196	8.7	20	237	19.5	7	395	35.2	5
New Mexico	22	6.6	19	16	5.1	35	21	5.4	38	31	5.6	40
New York	239	6.1	22	357	8.7	21	586	17.1	9	1,377	33.0	6
North Carolina	133	7.7	15	175	10.3	17	211	9.4	24	281	13.4	31
North Dakota	7	3.8		20	7.1	26	6	6.8		1	6.2	
Ohio	145	5.7	25	258	8.4	23	234	10.9	22	251	20.6	14
Oklahoma	48	8.9	12	61	7.5	25	58	6.0	37	88	14.4	30
Oregon	53	6.0	24	45	4.3	37	41	4.6	40	45	13.0	32
Pennsylvania	37	1.3	39	83	2.3	45	83	3.6	41	64	5.3	41
Puerto Rico	10	12.6	_	28	16.6	8	73	13.0	15	290	15.0	28
Rhode Island	_9	5.0		22	6.6	28	11	6.9	_	33	18.9	19
South Carolina	11	9.6	10	162	17.9	5	172	17.2	8	224	20.5	15
South Dakota	_9	4.2		12	4.9	36	10	1.1	_	3	5.6	
lennessee	75	7.5	17	151	13.8	10	208	12.2	21	198	15.2	27
lexas	609	14.4	5	609	15.2	9	750	17.1	10	1,937	25.5	10
	29	3.3	3/	24	3.8	41	29	1.5	32	18	9.4	38
vermont	8	5.0		8	3.4	-	2	2.0		3	55.1	
Virginia	143	1.2	18	196	11.3	13	207	12.3	19	160	14.9	29
vvasnington	126	6.4	21	103	5.7	31	88	1.4	33	/5	12.9	33
vvest virginia	3	1.9		4	1.1		10	1./		10	2.8	
VVISCONSIN	49	3.0	38	67	3.7	42	52	/.1	34	58	20.2	16
vvyoming Total ^b	4 978	0.7 7 5	_	6 512	2.9 9.5	_	ۍ 7 709	3.2 13.5	_	0 12 908	0.0 22 1	_
	-,010	1.0		0,012	0.0		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					

Table 5. Diagnoses of HIV infection among adults, by education level, sex, and area of residence, 2017—census tract level, United States and Puerto Rico (cont)

Note. Data reflect the census tract of the person's residential address at the time they received an HIV diagnosis, and the proportion of residents in the census tract with less than a high school diploma (individuals aged 18 years and older).

Reported numbers less than 12, and rates based on these numbers, should be interpreted with caution. Rates are per 100,000 population.

For the definitions of social determinants of health indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/ subject_definitions/2017_ACSSubjectDefinitions.pdf.

a Based on rate.

^b Totals do not represent all adults whose HIV infection was diagnosed during 2017 in these areas. See Technical Notes for exclusion criteria.

	Median household income (U.S. \$)											
-		<40,000		40	,000–53,	999	54	,000–74,	999	≥75,000		
Area of residence	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a
						Male						
Alabama	222	34.9	18	111	19.7	21	60	15.7	17	21	10.2	16
Alaska	0	0.0	_	4	15.6	_	9	9.4	_	6	3.9	_
Arizona	212	31.4	22	120	17.9	23	118	19.1	13	70	11.9	10
Arkansas	76	17.8	35	68	17.2	24	29	13.2	24	5	8.8	_
California	871	43.9	12	813	29.7	10	929	24.3	7	882	14.5	8
Colorado	53	23.5	28	120	26.2	12	86	14.1	22	84	10.8	13
Connecticut	63	43.0	14	31	21.0	19	46	14.5	21	47	6.3	28
Delaware	17	69.3	2	28	31.1	9	27	19.5	12	4	4.0	_
District of Columbia	58	143.0	1	28	104.8	1	31	90.8	1	98	62.7	1
Florida	1,350	67.4	3	960	40.1	5	608	28.6	4	289	22.7	3
Georgia	538	57.7	8	359	36.2	6	336	33.9	3	184	23.7	2
Hawaii	3	9.8		15	22.3	16	21	12.7	25	28	9.6	17
Idaho	12	10.7	41	10	4.4		12	5.4	42	0	0.0	
Illinois	376	53.6	10	244	22.1	17	225	15.5	19	159	10.3	15
Indiana	181	34.0	19	92	13.0	31	66	8.2	37	28	7.0	24
lowa	17	13.3	37	32	8.5	40	33	6.7	40	12	6.8	25
Kansas	25	13.1	38	28	7.8	41	21	7.1	38	11	4.6	_
Kentuckv	120	20.0	32	50	10.6	37	45	11.7	27	22	11.3	12
Louisiana	371	66.3	5	151	29.5	11	103	23.9	8	33	15.8	6
Maine	8	8.8	_	5	2.8		5	2.5	_	2	3.6	_
Marvland	90	67.2	4	139	54.3	2	196	36.5	2	259	20.4	4
Massachusetts	101	40.8	15	71	24.6	13	98	14.5	20	119	8.7	21
Michigan	227	27.7	24	91	8.5	39	75	6.7	39	48	6.6	26
Minnesota	29	18.1	34	51	11.7	33	67	8.8	34	42	5.9	29
Mississippi	178	36.3	17	70	20.7	20	33	17.6	15	5	8.6	_
Missouri	129	23.4	29	67	9.4	38	62	10.2	30	22	5.5	30
Montana	9	10.9	_	4	2.8		6	4.0		2	7.5	_
Nebraska	18	23.4	30	27	10.7	36	14	6.0	41	6	4.4	_
Nevada	147	62.6	7	121	45.3	3	102	27.0	6	30	13.2	9
New Hampshire	2	6.8	_	3	4.4	_	10	4.9	_	5	2.3	_
New Jersev	204	64.5	6	175	43.4	4	172	21.7	10	146	8.0	22
New Mexico	37	12.9	40	27	11.6	34	14	8.7	35	2	2.0	_
New York	680	57.1	9	460	31.1	8	463	23.7	9	421	15.1	7
North Carolina	306	30.5	23	172	13.7	27	117	13.4	23	54	9.4	18
North Dakota	5	19.0		8	11.5		12	10.4	29	3	3.6	
Ohio	363	37.4	16	179	15.2	26	148	10.9	28	38	4.6	32
Oklahoma	85	22.0	31	68	13.6	29	44	12.1	26	12	6.4	27
Oregon	33	13.1	39	54	12.0	32	44	8.3	36	24	7.6	23
Pennsylvania	74	9.4	42	52	4.1	43	46	2.9	44	37	3.1	34
Puerto Rico	299	25.2	27	16	23.4	14	3	18.0	_	1	30.4	_
Rhode Island	20	27.1	25	12	17.2	25	20	15.6	18	8	6.0	
South Carolina	242	43.0	13	116	21.3	18	104	21.5	11	25	11.8	11
South Dakota	8	15.0	_	12	10.8	35	5	4.3	_	3	7.2	
Tennessee	247	32.3	20	145	18.6	22	99	17.5	16	31	9.3	19
Texas	1,136	51.8	11	857	35.0	7	719	27.9	5	526	19.7	5
Utah	13	14.2	36	29	13.6	28	31	8.8	33	20	5.3	31
Vermont	1	4.4		2	2.9	_	12	9.6	32	0	0.0	
Virginia	121	32.0	21	148	22.8	15	138	18.9	14	146	10.5	14
Washington	46	19.4	33	80	13.6	30	85	9.9	31	93	8.7	20
West Virginia	12	4.7	43	6	2.1		3	2.0		0	0.0	_
Wisconsin	77	27.0	26	51	7.8	42	42	5.3	43	17	3.7	33
Wyoming	1	7.5	_	2	3.9		5	4.5	_	1	1.9	_
Total ^b	9,513	39.3	_	6,584	22.2	_	5,799	17.4	_	4,131	12.2	_

Table 6. Diagnoses of HIV infection among adults, by median household income, sex, and area of residence,2017—census tract level, United States and Puerto Rico

				Median household income (U.S. \$)										
-		<40,000		40	,000–53,	999	54	,000–74,9	999	≥75,000				
Area of residence	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a		
						Female								
Alabama	61	8.5	17	20	3.3	19	11	2.7	—	2	0.9			
Alaska	0	0.0	_	1	4.4	—	1	1.2	—	0	0.0	—		
Arizona	29	4.2	29	21	3.1	21	25	3.9	11	12	1.9	11		
Arkansas	22	4.8	28	10	2.4	—	6	2.6		1	1.7	—		
California	134	6.5	21	97	3.5	17	96	2.4	16	102	1.6	12		
Colorado	10	4.4		9	2.0	—	11	1.8		5	0.6	—		
Connecticut	23	13.8	9	25	15.3	1	16	4.6	7	10	1.3	_		
Delaware	7	23.6		5	5.0	—	11	7.3		5	4.7	—		
District of Columbia	22	39.8	1	11	34.4	—	9	23.8		21	12.5	1		
Florida	434	20.3	5	249	9.7	5	131	5.8	4	45	3.3	4		
Georgia	192	18.7	6	95	8.8	7	75	7.0	2	30	3.6	3		
Hawaii	0	0.0		0	0.0	—	2	1.2		1	0.3	—		
Idaho	2	1.8		0	0.0	—	2	0.9		0	0.0	—		
Illinois	99	12.5	12	47	4.1	15	22	1.4	21	19	1.2	13		
Indiana	50	8.5	16	20	2.7	24	19	2.3	19	5	1.2	—		
lowa	7	5.5	_	10	2.5	—	5	1.0	_	1	0.6	_		
Kansas	9	4.6		8	2.2		3	1.0	—	3	1.2	—		
Kentucky	24	3.7	31	15	3.0	22	8	2.0	—	5	2.5	—		
Louisiana	130	20.7	4	50	9.3	6	19	4.2	8	7	3.1	—		
Maine	2	2.1	_	0	0.0	—	0	0.0	—	0	0.0	_		
Maryland	34	20.8	3	44	15.1	2	101	17.0	1	96	7.0	2		
Massachusetts	40	14.0	8	32	10.2	4	26	3.5	12	36	2.4	6		
Michigan	57	6.3	22	23	2.0	26	14	1.2	22	5	0.7	—		
Minnesota	10	6.0	_	22	4.9	14	18	2.3	18	11	1.5	_		
Mississippi	64	11.6	13	23	6.3	12	10	4.9		0	0.0	—		
Missouri	38	6.2	23	13	1.8	27	7	1.1	_	4	1.0	_		
Montana	0	0.0		0	0.0		2	1.3	_	0	0.0	_		
Nebraska	9	11.4	_	1	0.4	—	5	2.1	_	0	0.0	_		
Nevada	24	10.9	14	18	6.8	10	13	3.3	14	4	1.7	_		
New Hampshire	1	3.4		1	1.4	—	3	1.4		3	1.3	—		
New Jersey	91	25.0	2	50	11.6	3	52	6.1	3	43	2.2	10		
New Mexico	2	0.7	_	5	2.0	—	1	0.6	—	2	2.0	—		
New York	237	16.7	7	113	7.1	8	104	5.0	6	79	2.6	5		
North Carolina	63	5.6	25	45	3.4	18	32	3.4	13	11	1.8	—		
North Dakota	1	4.4		2	2.9		2	1.8	—	1	1.3	—		
Ohio	85	7.8	18	38	3.0	23	30	2.1	20	7	0.8	—		
Oklahoma	22	5.4	26	12	2.4	25	10	2.6		2	1.0	—		
Oregon	7	2.7		11	2.4	—	9	1.6		2	0.6	—		
Pennsylvania	34	3.7	30	9	0.7	—	13	0.8	23	1	0.1	—		
Puerto Rico	81	6.0	24	1	1.3	—	0	0.0		0	0.0			
Rhode Island	10	12.3		2	2.6	—	2	1.4		1	0.7			
South Carolina	80	12.5	11	36	6.2	13	22	4.2	9	6	2.6	—		
South Dakota	2	3.7		3	2.7	—	0	0.0	_	1	2.3	_		
Tennessee	64	7.6	19	26	3.2	20	14	2.3	17	4	1.1	_		
Texas	288	12.5	10	171	6.8	9	137	5.2	5	68	2.4	7		
Utah	1	1.1		3	1.4	_	2	0.6		1	0.3	_		
Vermont	2	8.4		2	2.7		2	1.5	—	0	0.0			
Virginia	39	9.6	15	47	6.7	11	32	4.2	10	34	2.3	9		
Washington	13	5.4	27	22	3.7	16	26	2.9	15	26	2.4	8		
West Virginia	3	1.1		2	0.7		1	0.7	_	0	0.0	_		
Wisconsin	21	6.8	20	10	1.5	—	7	0.9		1	0.2			
Wyoming	0	0.0		0	0.0		1	0.9	_	0	0.0	_		
Total ^b	2,680	10.2	_	1,480	4.8	_	1,170	3.3	_	723	2.0	_		

Table 6. Diagnoses of HIV infection among adults, by median household income, sex, and area of residence, 2017—census tract level, United States and Puerto Rico (cont)

						Media	n househol						
Area of residence No. Rate Rank ^a No.	-		<40,000		40	,000–53,	999	54	,000–74,	999	≥75,000		
Total Total Alaska 0 0.0 - 5 10.3 - 10 5.6 - 6 2.0 - Arizona 241 17.7 23 141 10.5 23 143 11.3 14 82 6.8 11 Arkansas 98 11.1 35 7.8 9.6 24 35 7.7 24 6 5.1 - Coloradio 63 14.0 30 129 14.1 15 97 7.9 23 89 5.6 14 Distrot of Columbia 80 8.5 1 39 66.5 1 4 3.3 3 127 4 4 - 14 4.33 12.7 4 4 3.3 3 3 3.3 8 4.4 1.4 1.00 3 2.14 1.3 3.3 1.4 1.4 1.00 3 2.14 3.3	Area of residence	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a
Alabama 283 20.9 18 11.1 11.2 21 71 8.9 18 23 5.4 19 Arakansa 0 0.0 - 5 10.3 - 10 5.6 - 6 2.0 - Arizona 241 17.7 23 141 10.5 23 143 11.3 14 82 6.8 11 California 1.005 24.9 15 910 16.5 13 1.025 13.2 10 984 7.9 8 6.5 14 Connecticut 86 27.4 12 56 18.0 10 62 9.3 11.7 97 3.7 2.5 7.7 2.4 6 14.1 13.3 11.1 9 4.4 7.7 2.3 8.4 1.33 11.1 9.4 1.3 3.6 1.7 4.4 1.200 3 2.14 13.3 3.3 11.2 2.0 2.3 7.0 2.8 2.9 4.9 2.2 13.4 1.2 2.0 0.0							Total						
Alaska 0 0.0 - 5 10.3 - 10 5.6 - 6 2.0 - Arkansas 98 11.1 35 77 8.6 24 35 7.7 24 6 5.1 - Caliorado 63 14.0 30 129 14.1 15 97 7.9 23 88 5.6 14 Colorado 63 14.0 30 129 14.1 15 97 7.9 23 88 5.6 14 Delaware 24 44.2 2 33 17.4 11 38 13.1 19 9.4.4 - 7.0 23 89 5.6 1 119 36.7 1 Fortoda 1.764 43.1 4 1.209 24.4 5 7.39 16.8 4.33 12.7 4.3 2.0 13 3.6 14 3.3 3 14 3.3 3 14 3.5 14.3 3.6 14 3.5 1.5 14 1.20 <t< td=""><td>Alabama</td><td>283</td><td>20.9</td><td>18</td><td>131</td><td>11.2</td><td>21</td><td>71</td><td>8.9</td><td>18</td><td>23</td><td>5.4</td><td>19</td></t<>	Alabama	283	20.9	18	131	11.2	21	71	8.9	18	23	5.4	19
Arizona 241 17.7 23 141 10.5 23 143 11.3 14 82 6.8 11 Arkansas 98 11.0 35 78 9.6 24 35 7.7 24 66 5.1 - Colrado 63 14.0 30 129 14.1 15 97 7.9 23 89 5.6 14 Conrecticut 86 27.4 12 56 18.0 10 62 9.3 17 57 3.7 3.7 3.7 3.7 3.7 11 38 13.1 11 9 4.4 - 1.7 F 3.7 1.4 1.3.3 3 1.4 4.2 2.3 7.0 26 29 4.4 2.7 4 4.0 2.2 - 14 3.1 11 3.0 2.1 1.3 3 3.1 13 3.3 3.1 7.7 2.6 1.2 1.4 4.0 3.4 2.0 0.0 - 1.1 1.3 3.4 1.2 2.3 3.	Alaska	0	0.0		5	10.3		10	5.6		6	2.0	—
Arkansas 98 11.1 35 78 9.6 24 35 7.7 24 6 6.1 California 1.005 24.9 15 910 16.5 13.2 10 984 7.9 8 Coloracticut 86 27.4 12 56 110 62 9.3 17 57 3.7 25 Delaware 24 44.2 2 33 17.4 11 38 13.1 1 9 4.4 District of Columbia 80 83.5 1 30 96.5 1 40 55.6 1 119 3.4 12.7 4 Georgia 20 33 34 12.7 4 6.41 2.0 0.0 111.2 20 23 7.0 26 29 4.9 4.0 13 3.6 2.2 14.3 3.4 12.3 3.3 12 20 0.0 111.0 13.4 2.0 0.7 7.6 13.4 12 12.0 13.4 12 13.4	Arizona	241	17.7	23	141	10.5	23	143	11.3	14	82	6.8	11
California 1,005 24.9 15 910 16.5 13 1,025 13.2 10 984 7.9 8 Colorado 63 14.0 30 129 14.1 15 97 7.9 23 89 5.6 14 Connecticut 86 27.4 12 56 18.0 10 62 9.3 17 57 3.7 25 District of Columbia 80 83.5 1 39 66.5 1 40 55.6 1 119 36.7 1 Fiorida 7.78 44.2 2 33 17.4 11 38 13.1 11 9 4.4 Fiorida 7.84 44.2 2 33 17.4 11 38 13.1 11 9 4.4 Georgia 730 37.3 8 454 21.9 6 411 20.0 3 214 13.3 3 Hawaii 3 5.0 15 11.2 20 23 7.0 26 29 4.9 22 Idaho 14 6.2 42 10 2.2 14 3.1 42 0 0.0 Illinois 475 31.8 10 291 12.9 18 247 8.3 20 178 5.6 15 Indiana 231 20.6 19 112 7.7 31 85 5.2 34 33 4.1 23 Iowa 24 9.4 36 42 5.4 39 38 3.8 41 13 3.6 27 Kansas 34 8.8 37 36 5.0 41 24 4.0 38 14 2.9 31 Kansas 34 8.8 37 36 5.0 41 24 4.0 38 14 2.9 31 Kansas 34 8.8 37 36 5.0 41 22 13.9 8 40 9.3 6 Maine 10 5.3 5 1.4 5 1.2 2 1.8 Maryland 124 41.7 6 183 33.4 2 297 28.3 2 355 13.4 2 Massachusets 141 26.5 14 103 17.1 12 124 8.8 19 155 5.4 18 Michigan 284 16.5 26 114 5.2 40 89 3.9 40 53 3.6 29 Minesota 39 11.9 33 73 8.3 29 85 5.5 32 53 3.7 26 Missispipi 242 23.2 16 93 13.3 17 43 11.0 15 5 4.1 Maryland 124 41.7 6 183 33.4 7 89 8.40 9.3 6 Minesota 39 11.9 33 73 8.3 29 85 5.5 32 53 3.7 26 Missispipi 242 23.2 16 93 13.3 17 43 11.0 15 5 4.1 New Jamphire 3 5.1 - 4 2.8 - 13 3.1 43 8 1.4 2.9 3.9 Montana 9 5.5 4 1.4 8 2.6 - 2 3.9 - Newtanghire 3 5.1 - 4 2.8 - 13 3.1 43 8 1.8 - New Jamphire 3 5.1 - 4 2.8 - 13 3.1 43 8 1.8 - Mexigan 27 7.7 32 2.8 5.5 31 6.9 149 5.0 2.9 - Newtanghire 3 5.1 - 4 2.8 - 13 3.1 43 8 1.8 - New Jamphire 3 5.1 - 4 2.8 - 13 3.1 43 8 1.8 - New Jamphire 3 5.1 - 4 2.8 - 13 3.1 43 8 1.8 - New Jamphire 3 5.1 - 4 4.28 - 13 3.1 43 8 1.8 - New Jamphire 3 5.1 - 4 2.8 - 13 3.1 43 8 1.8 - New Jamphire 3 5.1 - 4 2.8 - 13 3.1 43 8 1.8 - New Jamphire 3 5.1 - 4 2.8 - 13 3.1 43 8 1.8 - New Jamphire 3 5.1 - 4 2.8 - 14 4.5 4.3 0 0.0 - New Markanghire 4.1 6.7 - 31 8.0 7.9 30 5.4 7.3 2.5 1.4 3.6 2.8 - New Markanghire 3 8.6 7.9 30 5.5 7.7 4.8 4.5 2.9 - New Markanghire 3 1.8 - 45 5.9 4.0 2.2 - New Markan	Arkansas	98	11.1	35	78	9.6	24	35	7.7	24	6	5.1	—
Colorado 63 14.0 30 129 14.1 15 97 7.9 23 89 5.6 14 Connecticut 86 27.4 12 56 18.0 10 62 9.3 17 57 3.7 25 Delaware 24 44.2 2 33 17.4 11 38 13.1 11 9 4.4 - District of Columbia 80 83.5 1 39 66.5 1 40 55.6 1 119 36.7 1 Georgia 730 37.3 8 454 41.9 6 411 20.0 3 214 13.3 3 Hawai 3 5.0 - 15 11.2 20 23 7.0 26 29 4.9 22 Idaho 14 6.2 42 10 2.2 - 14 3.1 42 0 0.0 - Lindiana 231 20.6 19 112 7.7 31 85 5.2 34 33 41. 23 Iowa 24 9.4 36 42 5.4 39 38 3.8 41 13 3.6 27 Kansas 34 8.8 37 36 6.5 1 40 38 3.8 41 13 3.6 27 Kansas 34 8.8 37 36 6.7 35 5.3 6.7 27 27 6.8 12 Iousiana 501 42.2 5 201 19.2 8 122 13.9 8 40 9.3 6 Maryland 124 41.7 6 183 33.4 2 97 1.2 - Maryland 124 41.7 6 183 33.4 2 97 1.2 - Maryland 124 41.7 6 183 33.4 2 97 1.3 5 5.2 34 30 4.4 2.9 31 Maryland 124 41.7 6 183 33.4 2 97 2.8 3 2.5 3.3 7.7 2 Maryland 124 41.7 6 183 33.4 2 97 1.2 - Maryland 124 41.7 6 183 33.4 2 97 1.2 - Maryland 124 41.7 6 183 33.4 2 97 1.2 - Maryland 124 41.7 6 183 33.4 2 9.7 1.2 - Maryland 124 41.7 6 183 33.4 2 9.7 2.5 3.3 .7 2.2 0.3 2 355 1.4 2 Maryland 124 41.7 6 183 33.4 2 9.7 5 3.3 .5 3 .5 3 .5 3 .5 3 .5 .4 Maryland 124 41.7 6 183 33.4 2 9.7 1.3 .5 5.2 33 .3 .7 2.6 Minesota 39 11.9 33 7.7 43 0.8 5.5 37 .6 .7 .2 .2 .3 .5 .3 .3 .7 2.6 Minesota 39 11.9 33 7.7 43 2.9 .5 .5 .3 .2 .5 .3 .3 .7 .2 .6 Minesota 17 17.3 .2 4 2.8 .5 .3 .8 .19 4.0 .9 .6 .2 Nevraka 171 13.7.5 7 139 2.6 .4 .14 - 8 2.6 2 .3 .9 Nevraka 171 3.7.5 7 139 2.6 .3 .2 .3 .0 .4 Notraska 27 17.3 .2 4 2.8 .5 .3 .8 .19 4.0 .9 .6 .2 Nev Arge 29 .5 .4 .4 .48 .2 .6 2 .3 .9 Nevraka 171 3.5 .7 .4 .2 .813 .3 .1 .4 .3 .8 .1.8 Nevada 171 3.5 .7 .19 .9 .5 .4 .13 .5 .4 .13 .5 .2 .5 .3 .3 .7 .2 .6 Minesota 39 .6 .7 .4 .2 .814 .4 .2 .9 .5 .3 .2 .5 .3 .3 .7 .2 .6 Minesota 107 13.5 .14 .2 .813 .3 .1 .4 .3 .8 .1.8 Nevraka 171 13.5 .7 .4 .2 .814 .4 .2 .9 .5 .3 .2 .5 .3 .3 .7 .2 .2 Nichraka 171 13.5 .7 .4 .2 .813 .3 .1 .4 .3 .8 .1.8 Nevraka 171 13.5 .7 .4 .2 .814 .4 .2 .9 .3 .4 .2 .2 Nichraka 171 .1 .2 .1 .4 .2 .4 .4 .3 .4 .4	California	1,005	24.9	15	910	16.5	13	1,025	13.2	10	984	7.9	8
Connecticut 86 27.4 12 56 18.0 10 62 9.3 17 57 3.7 25 District of Columbia 80 83.5 1 39 66.5 1 40 55.6 1 119 36.7 1 Fiorida 1.784 43.1 4 1.209 24.4 5 739 16.8 4 334 12.7 4 Georgia 730 37.3 8 454 21.9 6 411 20. 3 214 13.3 3 Hawaii 3 5.0 - 15 11.2 20 23 7.0 26 29 4.9 22 Idaho 14 6.2 42 10 2.2 - 14 3.1 42 0 0.0 - Lilliois 475 31.8 10 291 12.9 18 247 8.3 20 178 5.6 15 Indiana 231 20.6 19 112 7.7 31 85 5.2 34 33 4.1 23 Iowa 24 9.4 36 42 5.4 39 38 3.8 41 13 3.6 27 Kansas 34 8.8 37 36 5.0 41 24 40 38 14 2.9 31 Kentucky 144 11.5 34 65 6.7 35 53 6.7 27 27 6.8 12 Louisiana 501 42.2 5 201 19.2 8 122 13.9 8 40 9.3 6 Massachust 11.2 5 1.4 - 5 1.2 - 2 1.8 40 9.3 6 Massachust 11.2 6.5 1.4 -5 1.2 - 2 1.8 - Maryland 124 41.7 6 183 33.4 2 297 26.3 2 355 13.4 2 Massachust 141 26.5 14 103 17.1 12 124 8.8 19 155 5.4 18 Michigan 39 41.9 5.3 - 5 1.4 - 5 1.2 - 2 1.8 - Massachust 141 26.5 14 103 17.1 12 124 8.8 19 155 5.4 18 Michigan 39 41.9 5.3 3.7 26 Missusippi 242 23.2 16 93 13.3 17 43 110 15 5 4.1 - NewJanshet 141 3.5 2 40 89 3.9 40 53 3.6 29 Missusippi 242 23.2 16 93 13.3 17 43 110 15 5 4.1 - NewJanshet 31 1 3.5 - 4 1.4 - 8 2.6 - 2 3.9 - NewJanshet 31 4 2.9 50 - 4 1.4 - 8 2.6 - 2 3.9 - NewJanshet 32 7.7 3 9 6.5 5.3 1.2 6 3.2 30 Montana 9 5.5 - 4 1.4 - 8 2.6 - 2 3.9 - NewJanshet 31 1 3.5 1 - 4 2.8 - 13 3.1 43 8 18 - NewJanshet 32 7.7 3 38 6.5 5.7 3 6.9 5.5 31 2.6 3.2 30 Montana 9 5.5 - 4 1.4 - 8 2.6 - 2 3.9 - NewJanshet 3 1.4 2.9 57 7 139 26.1 4 115 15 0 6 3.4 7.3 9 New Hampshet 3 5.1 - 4 2.8 - 13 3.1 43 8 18 - NewJanshet 3 1.1 3.5 4 1.0 - NewYank 39 6.7 3.3 8.6 5.7 1.3 3.5 4 1.0 7 50 8.6 7 New Massachust 41 6 2.2 17 7 8.9 26 178 6.4 32 45 5.5 17 North Dakota 48 21.8 17 217 8.9 26 178 6.4 32 45 5.5 17 North Dakota 40 12.5 2.17 8.4 2.8 149 8.1 21 65 6.5 17 North Dakota 40 12.5 2.17 8.4 2.8 149 8.1 21 65 6.5 17 North Dakota 40 12.3 31 60 7.9 30 5.5 1.8 4.5 38 1.6 35 Puerto Roc 380 14.9 2.8 17 11.9 19 3 8.5 - 1 13.0 - Tennessee 311 19.3 22 171 10.7 22 113 9.7 16 35 6.0 21 Puerto Roc 380 14.9 2.8 17 11.9 19 3 8.5 - 1 13.0 - New Manylon	Colorado	63	14.0	30	129	14.1	15	97	7.9	23	89	5.6	14
Delaware 24 44.2 2 33 17.4 11 38 13 11 9 4.4 - Elorida 1,784 43.1 4 1.209 24.4 5 7.39 16.8 4 334 12.7 4 Georgia 730 37.3 8 454 21.9 6 411 20.0 3 21.4 13.3 3 Hawaii 3 5.0 - 15 11.2 20 23 7.0 26 29 4.9 22 10.0 - 14 3.1 42 0.0 0.0 - 11.0 11.0 13.1 31.4 0.0 0.0 - 11.0 13.3 1.1 33.4 12.0 13.0 17.8 5.6 15 15.3 33.4 12.0 12.9 13.8 41 13.3 3.6 17.1 12.0 13.8 14 2.9 13.3 13.1 44 13.3 13.1 <td>Connecticut</td> <td>86</td> <td>27.4</td> <td>12</td> <td>56</td> <td>18.0</td> <td>10</td> <td>62</td> <td>9.3</td> <td>17</td> <td>57</td> <td>3.7</td> <td>25</td>	Connecticut	86	27.4	12	56	18.0	10	62	9.3	17	57	3.7	25
District of Columbia 80 83.5 1 33 66.5 1 40 55.6 1 119 36.7 1 Fiorida 1,784 43.1 4 1.20 24.4 5 739 16.8 4 334 12.7 4 Georgia 730 37.3 8 454 21.9 6 411 20. 3 214 13.3 3 Hawaii 3 5.0 - 15 11.2 2 23 7.0 26 29 4.9 22 Idaho 14 6.2 42 10 2.2 - 14 3.1 42 0 0.0 - Illinois 475 31.8 10 291 12.9 18 247 8.3 20 778 5.6 15 Indiana 231 20.6 19 112 7.7 31 85 5.2 34 33 4.1 23 Indiana 231 20.6 19 112 7.7 31 85 5.2 34 33 4.1 23 Kansas 34 8.8 37 36 5.0 41 24 40 38 1.4 2.9 31 Kentucky 144 11.5 34 66 5.7 35 53 6.7 27 27 6.8 12 Coulsiana 501 42.2 5 201 19.2 8 122 13.9 8 40 9.3 6 Maine 10 5.3 - 5 1.4 - 5 1.2 - 2 1.8 - Maryland 124 41.7 6 183 33.4 2 297 26.3 2 355 13.4 2 Maryland 124 41.7 6 183 33.4 2 297 26.3 2 355 13.4 2 Maryland 124 41.7 6 183 33.4 2 9.7 8.5 33 6.7 2.7 1.8 - Maryland 124 41.7 7 15 14 103 17.1 12 124 88 19 155 5.4 18 Michigan 284 11.5 5.4 1.4 103 37.1 12 124 88 19 3.9 40 53 3.6 29 Minnesota 39 11.9 33 73 8.3 29 85 5.5 31 2.6 3.2 3.3 7 2.6 Mississipi 242 23.2 16 93 13.3 17 43 11.0 15 5 4.1 - Missouri 167 14.4 29 80 5.5 37 69 5.5 31 2.6 3.2 3.0 Montana 9 5.5 - 4 1.4 - 8 2.6 - 2 3.9 - Nevada 771 37.5 7 139 26.1 4 115 15.0 6 34 7.3 9 New Jarsey 295 43.4 3 225 27.0 3 224 13.6 9 89 5.0 20 New Marko 39 6.7 40 32 6.6 36 15 4.4 6 37 4 2.0 - New Jarsey 29 573 18.7 9 567 14.0 7 500 8.6 7 North Carolina 369 17.3 25 217 8.4 28 - New Jarse 24 13.6 9 89 5.0 20 New Marko 39 6.7 40 32 6.6 36 15 4.4 6 37 4 2.0 - New York 917 352 9 573 18.7 9 567 14.0 7 500 8.6 7 North Carolina 369 17.3 25 217 8.4 28 149 8.1 21 65 5.5 17 North Dakota 6 12.2 10 7.2 - 14 6.2 30 4 2.5 10 North Carolina 369 17.3 25 217 8.4 28 149 8.1 21 65 5.5 17 North Carolina 30 19.4 21 14 9.5 25 22 8 8 1.6 32 4.5 2.7 33 Oklahoma 107 13.5 31 80 7.9 30 54 7.3 25 14 3.6 28 Oklahoma 107 13.5 31 80 7.9 30 54 7.3 25 14 3.6 24 05 2.7 1 North Dakota 6 12.2 10 7.2 - 14 6.5 23 0.4 2.5 10 North Carolina 320 19.4 21 14 9.5 25 22 8 8 34 1.6 35 1.0 - New York 917 35 2.9 43 8 1.4 - 4 2.8 - 11 3.0 - Nordina 142 31.7 11 1.0 28 20.7 7	Delaware	24	44.2	2	33	17.4	11	38	13.1	11	9	4.4	
$\begin{array}{c} \mbox{Honda} & 1,744 & 43.1 & 4 & 1,209 & 24.4 & 5 & 7.99 & 16.8 & 4 & 334 & 12.7 & 4 \\ \mbox{Georgia} & 730 & 37.3 & 8 & 454 & 21.9 & 6 & 411 & 20.0 & 3 & 214 & 13.3 & 3 \\ \mbox{Hawaii} & 3 & 5.0 & - & 15 & 11.2 & 20 & 23 & 7.0 & 26 & 29 & 4.9 & 22 \\ \mbox{Hawaii} & 14 & 6.2 & 42 & 10 & 2.2 & - & 14 & 3.1 & 42 & 0 & 0.0 & - \\ \mbox{Illinois} & 475 & 31.8 & 10 & 291 & 12.9 & 18 & 247 & 8.3 & 20 & 178 & 5.6 & 15 \\ \mbox{Indiana} & 231 & 20.6 & 19 & 112 & 7.7 & 31 & 85 & 5.2 & 34 & 33 & 4.1 & 23 \\ \mbox{Iowa} & 24 & 9.4 & 36 & 42 & 5.4 & 39 & 38 & 3.8 & 41 & 13 & 3.6 & 27 \\ \mbox{Kentucky} & 144 & 115 & 34 & 66 & 6.7 & 35 & 53 & 6.7 & 27 & 27 & 6.8 & 12 \\ \mbox{Louisiana} & 501 & 42.2 & 5 & 201 & 19.2 & 8 & 122 & 13.9 & 8 & 40 & 9.3 & 6 \\ \mbox{Maine} & 10 & 5.3 & - & 5 & 1.4 & - & 5 & 12 & - & 2 & 1.8 & - \\ \mbox{Markending} & 124 & 41.7 & 6 & 183 & 33.4 & 2 & 297 & 26.3 & 2 & 355 & 13.4 & 2 \\ \mbox{Massculusets} & 141 & 26.5 & 14 & 103 & 17.1 & 12 & 124 & 88 & 19 & 155 & 5.4 & 18 \\ \mbox{Mississippi} & 242 & 23.2 & 16 & 93 & 13.3 & 17 & 43 & 11.0 & 15 & 5 & 4.1 & - \\ \mbox{Mississippi} & 242 & 23.2 & 16 & 93 & 13.3 & 17 & 43 & 11.0 & 15 & 5 & 4.1 & - \\ \mbox{Montana} & 9 & 5.5 & - & 4 & 1.4 & - & 8 & 2.6 & -2 & 2 & 3.9 & - \\ \mbox{Nerbacka} & 27 & 17.3 & 24 & 28 & 5.5 & 33 & 19 & 4.0 & 93 & 6 & 2.2 & - \\ \mbox{New Marko} & 39 & 6,7 & 40 & 32 & 6.6 & 36 & 15 & 4.6 & 97 & 4 & 2.0 & - \\ \mbox{New Marko} & 39 & 6,7 & 40 & 32 & 6.6 & 36 & 15 & 4.6 & 97 & 4 & 2.0 & - \\ \mbox{New Marko} & 39 & 6,7 & 40 & 32 & 6.6 & 36 & 15 & 4.6 & 37 & 4 & 2.0 & - \\ \mbox{New Marko} & 39 & 6,7 & 40 & 32 & 6.6 & 36 & 15 & 4.6 & 37 & 4 & 2.0 & - \\ \mbox{New Marko} & 39 & 6,7 & 33 & 38 & 67 & 7.3 & 25 & 14 & 3.6 & 28 \\ \mbox{New Marko} & 39 & 6,7 & 40 & 32 & 6.6 & 36 & 15 & 4.6 & 37 & 4 & 2.0 & - \\ \mbox{New Marko} & 39 & 6,7 & 40 & 32 & 6.6 & 36 & 15 & 4.6 & 37 & 4 & 2.0 & - \\ \mbox{New Marko} & 39 & 6,7 & 33 & 53 & 1.8 & 45 & 2.7 & 33 \\ \mbox{New Marko} & 39 & 6,7 & 40 & 32 & 6.6 & 36 & 15 & 4.6 & 37 & 4 & 2.0 & - \\ New Ma$	District of Columbia	80	83.5	1	39	66.5	1	40	55.6	1	119	36.7	1
Georgia 730 37.3 8 454 21.9 6 411 200 3 214 13.3 3 Idaho 14 6.2 42 10 2.2 14 3.1 42 0 0.0 Illinois 475 31.8 10 221 12.9 18 247 8.3 20 178 5.6 15 Indiana 231 20.6 19 112 7.7 31 85 5.2 34 33 4.1 23 5.6 17 27 7.6 8.1 2.9 31 34 4.2 9.3 8 40 9.3 6 12 13.9 8 40 9.3 6 12 14 13.4 2 14 12 14 13.3 14 12 14 13.3 34 2 12 33 33 18 34 14 12 13 13.4 13	Florida	1,784	43.1	4	1,209	24.4	5	739	16.8	4	334	12.7	4
Hawan 3 5.0 - 15 11.2 20 23 7.0 26 29 4.9 22 Illinois 14 6.2 42 10 2.2 - 14 3.1 42 0 0.0 - Illinois 475 31.8 10 2.9 12.9 18 247 8.3 2.0 178 5.6 15 Iowa 24 9.4 36 42 5.4 39 38 41 13 3.6 2.7 Kentucky 144 11.5 34 65 6.7 35 5.3 6.7 2.7 2.6 8 12 Louisiana 501 42.2 5 201 19.2 8 122 13.9 8 40 9.3 6 Massachusetts 141 26.5 14 103 17.1 12 124 8.8 19 155 5.4 18 Minsiso	Georgia	730	37.3	8	454	21.9	6	411	20.0	3	214	13.3	3
	Hawaii	3	5.0		15	11.2	20	23	7.0	26	29	4.9	22
Illinois 475 31.8 10 291 12.9 18 247 8.3 200 178 5.6 15 lowa 24 9.4 36 42 5.4 39 38 3.4 11 33 3.6 27 Kansas 34 8.8 37 36 50 41 24 40 38 41 13 3.6 27 Kansas 50 422 5 201 92 8 122 13.9 8 40 9.3 6 Maine 10 5.3 - 5 1.4 - 5 1.2 - 2 1.8 - Massachusetts 141 26.5 14 03 17.1 12 124 8.8 19 155 5.4 12 - 33 3.7 26 33 3.6 29 Minnesota 39 10 15 5 33 6 2.2 - New New 15 5 1.4 - - 3.5 33 </td <td>Idaho</td> <td>14</td> <td>6.2</td> <td>42</td> <td>10</td> <td>2.2</td> <td></td> <td>14</td> <td>3.1</td> <td>42</td> <td>0</td> <td>0.0</td> <td></td>	Idaho	14	6.2	42	10	2.2		14	3.1	42	0	0.0	
Indiana 231 20.6 19 112 7.7 31 85 5.2 34 33 4.1 23 Kansas 34 8.8 37 36 5.0 41 24 4.0 38 14 2.9 31 Kansas 34 8.8 37 36 5.0 41 24 4.0 38 14 2.9 31 Kentucky 144 11.5 34 65 6.7 35 5.3 6.7 27 27 6.8 12 Louisiana 501 42.2 5 201 19.2 8 122 13.9 8 40 9.3 6 Maine 10 5.3 - 5 1.4 - 5 1.2 - 2 1.8 - Maryland 124 41.7 6 183 33.4 2 297 26.3 2 355 13.4 2 Massachusetts 141 26.5 14 103 17.1 12 124 8.8 19 155 5.4 18 Michigan 284 16.5 26 114 5.2 40 89 3.9 40 53 3.6 29 Minnesota 39 11.9 33 73 8.3 29 85 5.5 32 53 3.7 26 Mississippi 242 23.2 16 93 13.3 17 43 11.0 15 5 4.1 - Mississippi 242 23.2 16 93 13.3 17 43 11.0 15 5 4.1 - Mississippi 242 23.2 16 93 13.3 17 43 11.0 15 5 4.1 - Mississippi 242 23.2 16 93 13.3 17 43 11.0 15 5 4.1 - Mississippi 242 23.2 16 93 13.3 17 43 11.0 15 5 4.1 - Mississippi 242 23.2 16 93 13.3 17 43 11.0 15 5 4.1 - Mississippi 242 23.2 16 93 13.3 17 43 11.0 15 5 4.1 - Mississippi 242 23.2 16 93 13.3 17 43 11.0 15 5 5.4 .1 - Mississippi 242 23.2 16 0.3 2.5 37 69 5.5 31 26 3.2 30 Montana 9 5.5 - 4 1.4 - 8 2.6 - 2 3.9 - Nevbaska 27 17.3 24 28 5.5 38 19 4.0 39 6 2.2 - Nevbaska 27 17.3 24 28 5.5 38 19 4.0 39 6 2.2 - Nevbaska 27 17.3 24 28 5.5 38 19 4.0 39 6 2.2 - New Jampshire 3 5.1 - 4 2.8 - New Jampshire 3 5.1 - New Jampshire 3 5.2 9 5.7 18.7 9 567 14.0 7 500 8.6 7 North Dakota 6 12.2 - 10 7.2 - 14 6.2 30 4 2.5 - New Jampshire 3 5.1 3 0.7 - New Jampshire 3 5.2 14 3.2 17.7 18.9 2.6 17.8 6.4 28 45 2.7 33 Oregon 40 7.8 38 65 7.1 33 53 4.9 35 2.6 4.0 24 Oregon 40 7.8 38 65 7.1 33 53 4.9 35 2.6 4.0 24 Oregon 40 7.8 38 65 7.1 33 53 4.9 35 2.6 4.0 24 Oregon 40 7.8 38 65 7.1 33 53 4.9 35 2.6 4.0 24 Oregon 40 7.8 38 65 7.1 33 53 4.9 35 2.6 4.0 24 Oregon 40 7.8 38 65 7.1 33 53 4.9 35 2.6 4.0 24	Illinois	475	31.8	10	291	12.9	18	247	8.3	20	178	5.6	15
	Indiana	231	20.6	19	112	7.7	31	85	5.2	34	33	4.1	23
Kansas 34 8.8 37 36 5.0 41 24 4.0 38 14 2.9 31 Lenutsky 144 11.5 34 65 6.7 35 53 6.7 27 27 6.8 12 Louisiana 501 42.2 5 201 19.2 8 12 13.9 8 40 9.3 6 Manyland 124 41.7 6 183 33.4 2 297 26.3 2 355 13.4 2 Massachusetts 141 26.5 14 103 17.1 12 124 8.8 19 155 5.4 18 Michigan 284 16.5 26 114 5.2 40 89 3.9 40 53 3.6 29 Minnesota 39 11.9 33 73 8.3 29 85 53 31 26 3.2 30 7 Mississippi 242 23.2 16 9 155 4.1 <	lowa	24	9.4	36	42	5.4	39	38	3.8	41	13	3.6	27
Kentucky 144 11.5 34 65 6.7 35 53 6.7 27 27 6.8 12 Maine 10 5.3 - 5 1.4 - 5 1.2 - 2 355 1.3 2 Maryland 124 41.7 6 183 33.4 2 297 26.3 2 355 13.4 2 Massachusetts 141 26.5 14 103 17.1 12 124 8.8 19 155 5.4 18 Michigan 244 16.5 26 114 5.2 40 89 3.9 40 53 3.6 29 Missouri 16.7 14.4 29 80 5.5 37 69 5.5 31 26 32 30 Missouri 16.7 14.4 29 80 5.5 37 69 5.5 31 26 32 30 Messouri 16.7 14.4 28 14 15 5.6 7.7<	Kansas	34	8.8	37	36	5.0	41	24	4.0	38	14	2.9	31
Louisiana 501 42.2 5 201 19.2 8 122 13.9 8 40 9.3 6 Maine 10 5.3 - 5 1.4 - 5 1.2 - 2 1.8 - Maryland 124 41.7 6 183 33.4 2 297 26.3 2 355 13.4 2 Massachusetts 141 26.5 14 103 17.1 12 124 8.8 19 155 5.4 18 Michigan 284 16.5 26 114 5.2 40 89 3.9 40 53 3.6 29 Minnesota 39 11.9 33 73 8.3 29 85 5.5 32 53 3.7 26 Mississippi 242 23.2 16 93 13.3 17 43 11.0 15 5 4.1 - Missisoripi 167 14.4 29 80 5.5 37 69 5.5 31 26 3.2 30 Montana 9 5.5 - 4 1.4 - 8 2.6 - 2 3.9 - Nebraska 27 17.3 24 28 5.5 38 19 4.0 39 6 2.2 - Nevada 171 37.5 7 139 26.1 4 115 15.0 6 34 7.3 9 New Hampshire 3 5.1 - 4 2.8 - 13 3.1 43 8 1.8 - New Jersey 295 43.4 3 225 27.0 3 224 13.6 9 189 5.0 20 New Mexico 39 6.7 40 32 6.6 36 15 4.6 37 4 2.0 - New Jersey 295 43.4 3 225 27.0 3 224 13.6 9 189 5.0 20 New Max 9 5.5 - 10 7.2 - 14 6.2 30 4 2.5 - North Carolina 369 17.3 25 217 8.4 28 149 8.1 21 65 5.5 17 North Carolina 369 17.3 25 217 8.4 28 149 8.1 21 65 5.5 17 North Carolina 369 17.3 25 217 8.4 28 149 8.1 21 65 5.5 17 North Carolina 369 17.3 25 217 8.4 28 149 8.1 21 65 5.5 17 North Carolina 369 17.3 25 217 8.4 28 149 8.1 21 65 5.5 17 North Carolina 369 17.3 25 217 8.4 28 149 8.1 21 65 5.5 17 North Carolina 369 17.3 25 217 8.4 28 149 8.1 21 65 5.5 17 North Carolina 369 17.3 25 217 8.4 28 149 8.1 21 65 5.5 17 North Carolina 369 17.3 25 217 8.4 28 149 8.1 21 65 5.5 17 North Carolina 369 17.3 25 217 8.4 28 149 8.1 21 65 5.5 17 North Carolina 300 14.9 28 17 119 19 3 8.5 - 1 1 3.0 - Rhode Island 30 19.4 21 14 9.5 25 22 8.1 22 9 3.3 - South Carolina 322 26.8 13 152 13.5 16 126 12.5 12 31 7.0 10 24 Pennsylvania 108 6.4 41 61 2.3 43 59 1.8 45 38 1.6 35 South Carolina 322 26.8 13 152 13.5 16 126 12.5 12 31 7.0 10 3.5 30 4.9 35 26 4.0 24 Pennsylvania 108 6.4 41 61 2.3 43 59 1.8 45 38 1.6 35 South Carolina 322 26.8 13 152 13.5 16 126 12.5 12 31 7.0 10 3.5 3.0 21 Texas 1.424 31.7 11 10.28 20.7 7 856 16.4 36 21 2.8 32 Vermont 3 6.4 - 4 2.8 - 14 5.4 33 0 0.0.0 - Wisconsin 98 16.5 27 61 4.6 42 49 3.0 44 18 1.9 34 Washington 59 12.3 32 102 8.7 27	Kentucky	144	11.5	34	65	6.7	35	53	6.7	27	27	6.8	12
Mane 10 5.3 5 1.4 5 1.2 2 1.8 Maryland 124 41.7 6 183 33.4 2 297 26.3 2 355 13.4 2 Massachusetts 141 26.5 14 103 17.1 12 124 8.8 19 155 5.4 18 Michigan 284 16.5 26 114 5.2 40 89 3.9 40 53 3.6 29 Missouri 167 14.4 29 80 5.5 37 69 5.5 31 26 3.2 30 Montana 9 5.5 4 1.4 8 2.6 2 3.9 Nevada 171 37.5 7 139 26.1 4 115 1.4 33.1 43 8 1.8 New Jersey 295 43.4 3 225 27.0 3 224	Louisiana	501	42.2	5	201	19.2	8	122	13.9	8	40	9.3	6
Maryland 124 41.7 6 183 33.4 2 297 26.3 2 355 13.4 2 Massachusetts 141 26.5 144 103 17.1 12 124 8.8 19 155 5.4 18 Michigan 284 16.5 26 114 5.2 40 89 3.9 40 53 3.6 29 Mississippi 242 23.2 16 93 13.3 17 43 11.0 15 5 4.1 Mississippi 242 23.2 16 93 13.3 17 43 11.0 15 5 4.1 Mississippi 242 23.2 16 93 15.5 31 26 3.2 30 Montana 9 5.5 4 14 8 2.6 3.1 43 8 1.8 - Nevada 171 35.2 9 573 18.7 9 567 14.0 7	Maine	10	5.3	_	5	1.4	_	5	1.2	_	2	1.8	_
Massachusetts 141 26.5 14 103 17.1 12 124 8.8 19 155 5.4 18 Michigan 284 16.5 26 114 5.2 40 89 3.9 40 53 3.6 29 Minnesota 39 11.9 33 73 8.3 29 85 5.5 32 53 3.7 26 Missouri 167 14.4 29 80 5.5 37 69 5.5 31 26 2 3.9 Nebraska 27 17.3 24 28 5.5 38 19 4.0 39 6 2.2 Newadersey 295 43.4 3 225 27.0 3 224 13.6 9 189 5.0 20 New Mexico 39 6.7 40 32 6.6 36 15 4.6 37 4 2.0 New Kork 917 35.2 29 57.3 18.7 9	Maryland	124	41.7	6	183	33.4	2	297	26.3	2	355	13.4	2
	Massachusetts	141	26.5	14	103	17.1	12	124	8.8	19	155	5.4	18
Minnesota 39 11.9 33 73 8.3 29 85 5.5 32 53 3.7 26 Mississippi 242 23.2 16 93 13.3 17 43 11.0 15 5 4.1 - Mississippi 242 23.2 16 93 13.3 17 43 11.0 15 5 4.1 - - Mississippi 242 23.5 38 19 4.0 39 6 2.2 - Nevalation 31.1 43 8 1.8 - New Hampshire 3 5.1 - 4 2.8 - 13 3.1 43 8 1.8 - New Hampshire 3 5.1 - 4 2.8 - 13 3.1 43 8 1.8 - No New Hexico 39 6.7 40 32 6.6 36 15 4.6 7.4 2.0 - No North Carolina 369 1.7.3 2.5 217 8.4	Michigan	284	16.5	26	114	5.2	40	89	3.9	40	53	3.6	29
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Minnesota	39	11.9	33	73	8.3	29	85	5.5	32	53	3.7	26
Missouri 167 14.4 29 80 5.5 37 69 5.5 31 26 3.2 30 Montana 9 5.5 - 4 1.4 - 8 2.6 - 2 3.9 - Nevarda 171 37.5 7 139 26.1 4 115 15.0 6 34 7.3 9 New dampshire 3 5.1 - 4 2.8 - 13 3.1 43 8 1.8 - New Jersey 295 43.4 3 225 27.0 3 224 13.6 9 189 5.0 20 New York 917 35.2 9 573 18.7 9 567 14.0 7 500 8.6 7 North Dakota 6 12.2 - 10 7.2 - 14 6.2 30 4 2.5 - Ohio 448 21.8 17 217 8.9 26 178 6.4 28 4	Mississippi	242	23.2	16	93	13.3	17	43	11.0	15	5	4.1	_
$\begin{array}{l c c c c c c c c c c c c c c c c c c c$	Missouri	167	14.4	29	80	5.5	37	69	5.5	31	26	3.2	30
Nebraska 27 17.3 24 28 5.5 38 19 4.0 39 6 2.2 Newada 171 37.5 7 139 26.1 4 115 15.0 6 34 7.3 9 New Jampshire 3 5.1 4 2.8 13 3.1 43 8 1.8 New Jersey 295 43.4 3 225 27.0 3 224 13.6 9 189 5.0 20 New Maxico 39 6.7 40 32 6.6 36 15 4.6 37 4 2.0 New York 917 35.2 9 573 18.7 9 567 14.0 7 500 8.6 7 North Dakota 6 12.2 - 10 7.2 14 6.2 30 4 2.5 .7 33 Oklahoma 107 13.5 31 80 7.9 30 54 <td>Montana</td> <td>9</td> <td>5.5</td> <td>_</td> <td>4</td> <td>1.4</td> <td>_</td> <td>8</td> <td>2.6</td> <td>_</td> <td>2</td> <td>3.9</td> <td>—</td>	Montana	9	5.5	_	4	1.4	_	8	2.6	_	2	3.9	—
Nevada1/13/.5713926.1411515.06347.39New Hampshire35.1-42.8-133.14381.8-New Jersey29543.4322527.0322413.691895.020New Mexico396.740326.636154.63742.0-New Vork91735.2957318.7956714.075008.67North Carolina36917.3252178.4281498.121655.517North Dakota612.2-107.2-146.23042.5-Ohio44821.8172178.9261786.428452.733Oregon407.838657.133534.935264.024Pennsylvania1086.441612.343591.845381.635Puerto Rico38014.92817111.938.5-113.0-South Carolina32226.81315213.51612612.512317.010South Carolina32226.813	Nebraska	27	17.3	24	28	5.5	38	19	4.0	39	6	2.2	_
New Hampshire 3 5.1 - 4 2.8 - 13 3.1 43 8 1.8 - New Jersey 295 43.4 3 225 27.0 3 224 13.6 9 189 5.0 20 New Mexico 39 6.7 40 32 6.6 36 15 4.6 37 4 2.0 - New Mexico 369 17.3 25 217 8.4 28 149 8.1 21 65 5.5 17 North Dakota 6 12.2 - 10 7.2 - 14 6.2 30 4 2.5 - Ohio 448 21.8 17 217 8.9 26 178 6.4 28 45 2.7 33 0 0 2.7 33 53 4.9 35 26 4.0 24 2.8 2.7 33 33 53 4.9 35 2.6 4.0 2.4 2.7 33 35 4.9 35 </td <td>Nevada</td> <td>171</td> <td>37.5</td> <td>7</td> <td>139</td> <td>26.1</td> <td>4</td> <td>115</td> <td>15.0</td> <td>6</td> <td>34</td> <td>7.3</td> <td>9</td>	Nevada	171	37.5	7	139	26.1	4	115	15.0	6	34	7.3	9
New Jersey 295 43.4 3 225 27.0 3 224 13.6 9 189 5.0 20 New Mexico 39 6.7 40 32 6.6 36 15 4.6 37 4 2.0 — New York 917 35.2 9 573 18.7 9 567 14.0 7 500 8.6 7 North Dakota 6 12.2 — 10 7.2 — 14 6.2 30 4 2.5 — Ohio 448 21.8 17 217 8.9 26 178 6.4 28 45 2.7 33 Oklahoma 107 13.5 31 80 7.9 30 54 7.3 25 14 3.6 28 Oregon 40 7.8 38 65 7.1 33 53 4.9 35 26 4.0 24 Pennsylvania 108 6.4 41 61 2.3 43 59 1.8	New Hampshire	3	5.1	_	4	2.8	_	13	3.1	43	8	1.8	
New Mexico 39 6.7 40 32 6.6 36 15 4.6 37 4 2.0 New York 917 35.2 9 573 18.7 9 567 14.0 7 500 8.6 7 North Carolina 369 17.3 25 217 8.4 28 149 8.1 21 65 5.5 17 North Dakota 6 12.2 - 10 7.2 - 14 6.2 30 4 2.5 Ohio 448 21.8 17 217 8.9 26 178 6.4 28 45 2.7 33 Oregon 40 7.8 38 65 7.1 33 53 4.9 35 26 4.0 24 Pennsylvania 108 6.4 41 61 2.3 43 59 1.8 45 38 1.6 35 Puerto Rico 380 14.9 28 17 11.9 19 3 <t< td=""><td>New Jersey</td><td>295</td><td>43.4</td><td>3</td><td>225</td><td>27.0</td><td>3</td><td>224</td><td>13.6</td><td>9</td><td>189</td><td>5.0</td><td>20</td></t<>	New Jersey	295	43.4	3	225	27.0	3	224	13.6	9	189	5.0	20
New York 917 35.2 9 573 18.7 9 567 14.0 7 500 8.6 7 North Carolina 369 17.3 25 217 8.4 28 149 8.1 21 65 5.5 17 North Dakota 6 12.2 - 10 7.2 - 14 6.2 30 4 2.5 - Ohio 448 21.8 17 217 8.9 26 178 6.4 28 45 2.7 33 Oklahoma 107 13.5 31 80 7.9 30 54 7.3 25 14 3.6 28 Oregon 40 7.8 38 65 7.1 33 53 4.9 35 26 4.0 24 Pennsylvania 108 6.4 41 61 2.3 43 59 18.4 5 38 16 35 50 21 7 7 8.6 14.9 3.3 13.0	New Mexico	39	6.7	40	32	6.6	36	15	4.6	37	4	2.0	_
North Carolina 369 17.3 25 217 8.4 28 149 8.1 21 65 5.5 17 North Dakota 6 12.2 - 10 7.2 - 14 6.2 30 4 2.5 - Ohio 448 21.8 17 217 8.9 26 178 6.4 28 45 2.7 33 Oklahoma 107 13.5 31 80 7.9 30 54 7.3 25 14 3.6 28 Oregon 40 7.8 38 65 7.1 33 53 4.9 35 26 4.0 24 Pennsylvania 108 6.4 41 61 2.3 43 59 1.8 45 38 1.6 35 Puerto Rico 380 14.9 28 17 11.9 3 8.5 - 1 13.0 - South Carolina 322 26.8 13 152 13.5 16 126 12.5	New York	917	35.2	9	5/3	18.7	g	567	14.0	(500	8.6	1
North Dakota 6 12.2 10 7.2 14 6.2 30 4 2.5 Ohio 448 21.8 17 217 8.9 26 178 6.4 28 45 2.7 33 Oklahoma 107 13.5 31 80 7.9 30 54 7.3 25 14 3.6 28 Oregon 40 7.8 38 65 7.1 33 53 4.9 35 26 4.0 24 Pennsylvania 108 6.4 41 61 2.3 43 59 1.8 45 38 1.6 35 Puerto Rico 380 14.9 28 17 11.9 19 3 8.5 1 13.0 Rhode Island 30 19.4 21 14 9.5 25 22 8.1 22 9 3.3 South Carolina 322 26.8 13 152 13.5 16 12.6	North Carolina	369	17.3	25	217	8.4	28	149	8.1	21	65	5.5	17
Onio 448 21.8 17 217 8.9 26 178 6.4 28 45 2.7 33 Oklahoma 107 13.5 31 80 7.9 30 54 7.3 25 14 3.6 28 Oregon 40 7.8 38 65 7.1 33 53 4.9 35 26 4.0 24 Pennsylvania 108 6.4 41 61 2.3 43 59 1.8 45 38 1.6 35 Puerto Rico 380 14.9 28 17 11.9 19 3 8.5 1 13.0 Rhode Island 30 19.4 21 14 9.5 25 22 8.1 22 9 3.3 South Carolina 322 26.8 13 152 13.5 16 126 12.5 12 31 7.0 10 South Dakota 10 9.3 15 6.8 34 5	North Dakota	6	12.2		10	7.2		14	6.2	30	4	2.5	
Oklanoma 107 13.5 31 80 7.9 30 54 7.3 25 14 3.6 28 Oregon 40 7.8 38 65 7.1 33 53 4.9 35 26 4.0 24 Pennsylvania 108 6.4 41 61 2.3 43 59 1.8 45 38 1.6 35 Puerto Rico 380 14.9 28 17 11.9 19 3 8.5 1 13.0 Rhode Island 30 19.4 21 14 9.5 25 22 8.1 22 9 3.3 South Carolina 322 26.8 13 152 13.5 16 126 12.5 12 31 7.0 10 South Dakota 10 9.3 15 6.8 34 5 2.2 4 4.7 Texas 1,424 31.7 11 10.28 20.7 7 856	Onio	448	21.8	17	217	8.9	26	178	6.4	28	45	2.7	33
Oregon 40 7.8 38 65 7.1 33 53 4.9 35 26 4.0 24 Pennsylvania 108 6.4 41 61 2.3 43 59 1.8 45 38 1.6 35 Puerto Rico 380 14.9 28 17 11.9 19 3 8.5 1 13.0 Rhode Island 30 19.4 21 14 9.5 25 22 8.1 22 9 3.3 South Carolina 322 26.8 13 152 13.5 16 126 12.5 12 31 7.0 10 South Carolina 322 26.8 13 152 13.5 16 126 12.5 12 31 7.0 10 South Carolina 322 26.8 13 152 13.5 16 126 12.5 12 31 10.9 5 14 17 10 55 50.2 21 128 32 <t< td=""><td>Oklanoma</td><td>107</td><td>13.5</td><td>31</td><td>80</td><td>7.9</td><td>30</td><td>54</td><td>7.3</td><td>25</td><td>14</td><td>3.6</td><td>28</td></t<>	Oklanoma	107	13.5	31	80	7.9	30	54	7.3	25	14	3.6	28
Pennsylvania 108 6.4 41 61 2.3 43 59 1.8 45 38 1.6 35 Puerto Rico 380 14.9 28 17 11.9 19 3 8.5 1 13.0 Rhode Island 30 19.4 21 14 9.5 25 22 8.1 22 9 3.3 South Carolina 322 26.8 13 152 13.5 16 126 12.5 12 31 7.0 10 South Dakota 10 9.3 15 6.8 34 5 2.2 4 4.7 Tennessee 311 19.3 22 171 10.7 22 113 9.7 16 35 5.0 21 Texas 1,424 31.7 11 10.02 20.7 7 856 16.4 5 594 10.9 5 Utah 14 7.7 39 32 7.6 32 33 </td <td>Oregon</td> <td>40</td> <td>7.8</td> <td>38</td> <td>65</td> <td>7.1</td> <td>33</td> <td>53</td> <td>4.9</td> <td>35</td> <td>26</td> <td>4.0</td> <td>24</td>	Oregon	40	7.8	38	65	7.1	33	53	4.9	35	26	4.0	24
Puerto Rico38014.9281711.91938.5113.0Rhode Island3019.421149.525228.12293.3South Carolina32226.81315213.51612612.512317.010South Dakota109.3156.83452.244.7Tennessee31119.32217110.7221139.716355.021Texas1,42431.7111,02820.7785616.4559410.95Utah147.739327.632334.636212.832Vermont36.442.8145.43300.0Virginia16020.42019514.51417011.3131806.313Washington5912.3321028.7271116.4291195.516West Virginia152.94381.441.300.0Wisconsin9816.527614.642493.044181.934Wyoming14.0<	Pennsylvania	108	6.4	41	61	2.3	43	59	1.8	45	38	1.0	35
Rhode Island 30 19.4 21 14 9.5 25 22 8.1 22 9 3.3 $-$ South Carolina 322 26.8 13 152 13.5 16 126 12.5 12 31 7.0 10 South Dakota 10 9.3 $ 15$ 6.8 34 5 2.2 $ 4$ 4.7 $-$ Tennessee 311 19.3 22 171 10.7 22 113 9.7 16 35 5.0 21 Texas $1,424$ 31.7 11 $1,028$ 20.7 7 856 16.4 5 594 10.9 5 Utah 14 7.7 39 32 7.6 32 33 4.6 36 21 2.8 32 Vermont 3 6.4 $ 4$ 2.8 $ 14$ 5.4 33 0 0.0 $-$ Virginia 160 20.4 20 195 14.5 14 170 11.3 13 180 6.3 13 Washington 59 12.3 32 102 8.7 27 111 6.4 29 119 5.5 16 West Virginia 15 2.9 43 8 1.4 $ 4$ 1.3 $ 0$ 0.0 $-$ Wyoming 1 4.0 $ 2$ 2.0 $ 6$ 2.8 $ 1$	Puerto Rico	380	14.9	28	17	11.9	19	3	8.5		1	13.0	-
South Carolina 322 26.8 13 152 13.5 16 126 12.5 12 31 7.0 10 South Dakota10 9.3 - 15 6.8 34 5 2.2 - 4 4.7 -Tennessee 311 19.3 22 171 10.7 22 113 9.7 16 35 5.0 21 Texas $1,424$ 31.7 11 $1,028$ 20.7 7 856 16.4 5 594 10.9 5 Utah 14 7.7 39 32 7.6 32 33 4.6 36 21 2.8 32 Vermont 3 6.4 - 4 2.8 - 14 5.4 33 0 0.0 -Virginia 160 20.4 20 195 14.5 14 170 11.3 13 180 6.3 13 Washington 59 12.3 32 102 8.7 27 111 6.4 29 119 5.5 16 West Virginia 15 2.9 43 8 1.4 - 4 1.3 - 0 0.0 -Wisconsin 98 16.5 27 61 4.6 42 49 3.0 44 18 1.9 34 Wyoming 1 4.0 - 2 2.0 - 6 2.8 - 1 1.0 - </td <td>Rhode Island</td> <td>30</td> <td>19.4</td> <td>21</td> <td>14</td> <td>9.5</td> <td>25</td> <td>22</td> <td>8.1</td> <td>22</td> <td>9</td> <td>3.3</td> <td></td>	Rhode Island	30	19.4	21	14	9.5	25	22	8.1	22	9	3.3	
South Dakota109.3156.8 34 5 2.2 4 4.7 Tennessee 311 19.3 22 171 10.7 22 113 9.7 16 35 5.0 21 Texas $1,424$ 31.7 11 $1,028$ 20.7 7 856 16.4 5 594 10.9 5 Utah14 7.7 39 32 7.6 32 33 4.6 36 21 2.8 32 Vermont3 6.4 -4 2.8 - 14 5.4 33 0 0.0 Virginia160 20.4 20 195 14.5 14 170 11.3 13 180 6.3 13 Washington 59 12.3 32 102 8.7 27 111 6.4 29 119 5.5 16 West Virginia 15 2.9 43 8 1.4 4 1.3 0 0.0 Wisconsin 98 16.5 27 61 4.6 42 49 3.0 44 18 1.9 34 Wyoming1 4.0 2 2.0 6 2.8 1 1.0 Total ^b 12.193 24.1 8.064 13.3 6.969 10.2 4.854 7.0	South Carolina	322	20.8	13	152	13.5	10	126	12.5	12	31	7.0	10
Tennessee 311 19.3 22 171 10.7 22 113 9.7 16 35 5.0 21 Texas $1,424$ 31.7 11 $1,028$ 20.7 7 856 16.4 5 594 10.9 5 Utah 14 7.7 39 32 7.6 32 33 4.6 36 21 2.8 32 Vermont 3 6.4 $ 4$ 2.8 $ 14$ 5.4 33 0 0.0 $-$ Virginia 160 20.4 20 195 14.5 14 170 11.3 13 180 6.3 13 Washington 59 12.3 32 102 8.7 27 111 6.4 29 119 5.5 16 West Virginia 15 2.9 43 8 1.4 $ 4$ 1.3 $ 0$ 0.0 $-$ Wisconsin 98 16.5 27 61 4.6 42 49 3.0 44 18 1.9 34 Wyoming 1 4.0 $ 2$ 2.0 $ 6.969$ 10.2 $ 4.854$ 7.0 $-$	South Dakota	10	9.3		15	0.8	34	5	2.2		4	4.7	
Texas1,42431.7111,02820.7785616.4559410.95Utah147.739327.632334.636212.832Vermont36.4-42.8-145.43300.0-Virginia16020.42019514.51417011.3131806.313Washington5912.3321028.7271116.4291195.516West Virginia152.94381.4-41.3-00.0-Wisconsin9816.527614.642493.044181.934Wyoming14.0-22.0-62.8-11.0-Total ^b 12.19324.1-8.06413.3-6.96910.2-4.8547.0-	Tennessee	311	19.3	22	171	10.7	22	113	9.7	16	35	5.0	21
Utan147.739327.632334.636212.832Vermont36.4-42.8-145.43300.0-Virginia16020.42019514.51417011.3131806.313Washington5912.3321028.7271116.4291195.516West Virginia152.94381.4-41.3-00.0-Wisconsin9816.527614.642493.044181.934Wyoming14.0-22.0-62.8-11.0-Total ^b 12.19324.1-8.06413.3-6.96910.2-4.8547.0-	lexas	1,424	31.7	11	1,028	20.7	1	856	16.4	5	594	10.9	5
Vermont36.4-42.8-145.43300.0-Virginia16020.42019514.51417011.3131806.313Washington5912.3321028.7271116.4291195.516West Virginia152.94381.4-41.3-00.0-Wisconsin9816.527614.642493.044181.934Wyoming14.0-22.0-62.8-11.0-Total ^b 12.19324.1-8.06413.3-6.96910.2-4.8547.0-	Utan	14	1.1	39	32	7.6	32	33	4.6	30	21	2.8	32
Virginia16020.42019514.51417011.3131806.313Washington5912.332102 8.7 27111 6.4 29119 5.5 16West Virginia152.9438 1.4 -4 1.3 -0 0.0 -Wisconsin9816.52761 4.6 4249 3.0 4418 1.9 34 Wyoming1 4.0 -2 2.0 - 6 2.8 -1 1.0 -Total ^b 12.19324.1-8.06413.3- 6.969 10.2 - 4.854 7.0-	Vermont	3	6.4		4	2.8		14	5.4	33	0	0.0	
Washington 59 12.3 32 102 6.7 27 111 6.4 29 119 5.5 16 West Virginia 15 2.9 43 8 1.4 - 4 1.3 - 0 0.0 - Wisconsin 98 16.5 27 61 4.6 42 49 3.0 44 18 1.9 34 Wyoming 1 4.0 - 2 2.0 - 6 2.8 - 1 1.0 - Total ^b 12.193 24.1 - 8.064 13.3 - 6.969 10.2 - 4.854 7.0 -	virginia	160	20.4	20	195	14.5	14	170	11.3	13	180	0.3	13
vvest virginia 15 2.9 43 6 1.4 $-$ 4 1.3 $-$ 0 0.0 $-$ Wisconsin 98 16.5 27 61 4.6 42 49 3.0 44 18 1.9 34 Wyoming 1 4.0 $ 2$ 2.0 $ 6$ 2.8 $ 1$ 1.0 $-$ Total ^b 12.193 24.1 $ 8.064$ 13.3 $ 6.969$ 10.2 $ 4.854$ 7.0 $-$	Washington	59	12.3	S∠ 40	102	Ö./	21	111	0.4	29	119	0.0	10
Wisconsin 90 10.5 27 61 4.0 42 49 3.0 44 18 1.9 34 Wyoming 1 4.0 — 2 2.0 — 6 2.8 — 1 1.0 — Total ^b 12.193 24.1 — 8.064 13.3 — 6.969 10.2 — 4.854 7.0 —	West Virginia	15	2.9	43	0 61	1.4	40	4	1.3	11	10	0.0	
Total ^b 12.193 24.1 — 8.064 13.3 — 6.969 10.2 — 4.854 7.0 —	Wisconsin	98	10.5	21	01	4.0	42	49	3.0	44	١ŏ	1.9	34
	Total ^b	12,193	4.0 24 1	_	∠ 8.064	2.0 13.3	_	0 6.969	∠.ŏ 10 2	_	4.854	7.0	

Table 6. Diagnoses of HIV infection among adults, by median household income, sex, and area of residence, 2017—census tract level, United States and Puerto Rico (cont)

Note. Data reflect the census tract of the person's residential address at the time they received an HIV diagnosis, and the median income (based on all age groups) for a household within the census tract during the 12 months before the survey response.

Reported numbers less than 12, and rates based on these numbers, should be interpreted with caution. Rates are per 100,000 population.

For the definitions of social determinants of health indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/ subject_definitions/2017_ACSSubjectDefinitions.pdf.

^a Based on rate. ^b Totals do not represent all adults whose HIV infection was diagnosed during 2017 in these areas. See Technical Notes for exclusion criteria.

		Without health insurance (%)												
-	<	6		6.00	6.00–9.99			-15.99		≥'	≥16			
Area of residence	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a		
						Male								
Alabama	32	12.9	9	72	18.8	15	135	21.2	20	175	33.7	17		
Alaska	2	6.8		0	0.0	—	2	2.1		15	10.5	38		
Arizona	53	9.1	21	92	16.7	17	127	19.7	22	248	31.9	21		
Arkansas	17	16.0	7	32	11.3	30	73	15.7	27	56	22.8	29		
California	449	12.2	10	629	19.0	14	904	26.2	14	1,517	36.2	15		
Colorado	62	9.7	19	74	14.1	23	86	16.7	25	121	30.0	23		
Connecticut	57	7.1	29	46	18.3	16	38	23.6	18	46	32.6	19		
Delaware	15	10.4	17	36	26.1	5	16	29.0	9	9	59.4	—		
District of Columbia	109	63.0	1	69	145.7	1	31	92.2	1	7	124.1	—		
Florida	111	14.4	8	245	21.6	10	680	30.8	8	2,171	58.8	1		
Georgia	73	22.6	2	134	29.2	4	318	28.9	10	892	49.3	8		
Hawaii	43	12.1	11	21	12.4	27	3	10.2	_	0	0.0	—		
Idaho	0	0.0	_	6	5.1	_	11	4.7	_	17	8.1	39		
Illinois	191	10.4	16	168	14.5	21	262	28.2	11	383	43.3	10		
Indiana	35	7.0	30	79	10.4	32	91	12.8	30	162	33.4	18		
lowa	42	6.2	34	25	7.8	37	14	10.4	35	13	26.7	26		
Kansas	19	6.4	33	16	5.3	41	19	6.9	40	31	15.3	36		
Kentucky	41	9.2	20	85	14.1	24	75	15.2	28	36	32.6	20		
Louisiana	32	21.4	3	60	22.0	9	189	34.9	5	377	50.3	6		
Maine	1	1.2		10	5.0	_	7	3.5		2	5.6	_		
Marvland	185	17.7	5	176	31.1	3	196	55.2	2	127	53.3	5		
Massachusetts	264	11.8	13	91	33.9	2	32	41.6	4	3	22.4	_		
Michigan	88	6.6	32	127	9.8	34	139	16.6	26	87	33.8	16		
Minnesota	77	6.0	35	52	9.7	35	44	23.7	17	16	21.7	31		
Mississippi	6	10.3	_	26	21.5	12	82	23.8	16	172	31.0	22		
Missouri	37	7.5	28	55	10.7	31	77	10.7	34	111	20.3	32		
Montana	1	2.3		5	4.0		6	3.9		9	11.4	_		
Nebraska	12	5.7	36	12	5.9	40	16	9.0	36	25	22.7	30		
Nevada	16	10.5	15	36	19.1	13	112	32.5	7	236	55.9	3		
New Hampshire	3	1.8		8	4.3	_	7	4.9	_	2	6.7	_		
New Jersev	86	7.0	31	73	9.8	33	155	26.3	13	383	49.3	7		
New Mexico	7	5.7	_	10	7.2	_	27	10.9	33	36	13.3	37		
New York	359	11.6	14	498	25.6	6	612	44.1	3	557	54.9	4		
North Carolina	45	10.2	18	97	13.1	25	178	14.5	29	329	25.1	27		
North Dakota	4	3.5		15	14.6	20	6	10.0		3	15.7	_		
Ohio	126	7.6	27	208	14.7	19	258	27.9	12	136	38.5	12		
Oklahoma	0	9.0		23	11.6	28	54	12.8	31	123	17.0	33		
Oregon	27	9.0	22	45	8.3	36	37	7.3	39	46	23.1	28		
Pennsylvania	61	2.8	38	58	3.8	42	59	7.9	38	32	7.9	40		
Puerto Rico	112	20.5	4	126	24.7	7	62	33.0	6	19	57.1	2		
Rhode Island	17	7.9	26	15	16.2	18	8	15.8	_	20	43.7	9		
South Carolina	23	12.1	12	73	22.6	8	161	23.4	19	234	38.4	13		
South Dakota	4	4.8		5	4.2	_	9	13.6	—	10	18.3	_		
Tennessee	28	8.7	23	76	12.9	26	176	19.6	23	244	38.2	14		
Texas	141	16.9	6	271	21.5	11	473	25.0	15	2 355	39.7	11		
Utah	8	3.5	_	19	7.6	38	26	8.6	37	40	15.7	34		
Vermont	8	5.5		7	7.5		0	0.0	_	0	0.0	_		
Virginia	67	8.6	24	114	14.5	22	192	20.3	21	181	28.1	25		
Washington	70	8.5	25	101	11 4	29	82	11.5	32	52	15.3	35		
West Virginia	4	3.0		8	23		6	2.5		3	11 1			
Wisconsin	50	4.6	37	10	7 1	30	52	17.3	24	36	20.8	24		
Wyoming	0	0.0			5.6		4	4.4	<u>_</u>	2	20.0			
h	0	0.0			0.0		т 	-		4	0.0	-		
Total	3,329	9.9	_	4,381	15.5	_	6,429	22.4	_	11,907	38.6	_		

Table 7. Diagnoses of HIV infection among adults, by health insurance coverage, sex, and area of residence,2017—census tract level, United States and Puerto Rico

	Without health insurance (%)												
	<	<6		6.00	-9.99		10.00	-15.99		≥16			
Area of residence	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a	
						Female							
Alabama	2	0.7		17	4.1	11	21	3.0	24	54	9.2	14	
Alaska	0	0.0		0	0.0		0	0.0		2	1.6		
Arizona	13	2.1	7	21	3.6	13	14	2.2	31	39	5.0	26	
Arkansas	1	0.9		6	1.9	_	18	3.7	20	14	5.3	24	
California	48	1.2	15	82	2.4	25	85	2.4	29	214	5.1	25	
Colorado	1	0.2		7	1.3	_	9	1.7		18	4.6	27	
Connecticut	17	2.0	8	17	6.2	5	18	10.3	5	22	14.7	6	
Delaware	6	3.8	—	13	8.6	4	5	8.2	—	4	25.6	—	
District of Columbia	34	16.9	1	15	28.1	1	13	37.6	1	1	16.9	—	
Florida	19	2.2	6	34	2.7	21	162	6.8	9	644	16.7	3	
Georgia	10	3.0	—	28	5.7	9	75	6.2	10	279	14.1	7	
Hawaii	2	0.6		1	0.6	—	0	0.0		0	0.0	—	
Idaho	1	2.1		0	0.0		1	0.4		2	1.0	—	
Illinois	21	1.1	16	31	2.5	23	54	5.4	13	81	8.9	15	
Indiana	5	1.0		20	2.5	24	25	3.3	22	44	8.5	17	
lowa	6	0.9		3	0.9	_	9	6.5		5	10.6	—	
Kansas	4	1.3		3	0.9		3	1.1		13	6.3	20	
Kentucky	7	1.5		23	3.6	12	15	2.8	25	7	6.0	—	
Louisiana	8	5.1		12	4.1	10	53	9.1	7	134	16.6	4	
Maine	0	0.0		0	0.0	_	2	1.0		0	0.0	—	
Maryland	60	5.3	2	69	10.8	3	78	19.1	2	68	28.1	1	
Massachusetts	86	3.5	3	33	11.4	2	15	18.9	3	0	0.0	—	
Michigan	11	0.8		26	1.9	26	39	4.3	17	23	8.5	18	
Minnesota	22	1.7	11	17	3.1	18	10	5.2		12	16.8	2	
Mississippi	1	1.6		10	7.4		22	5.9	11	64	10.4	10	
Missouri	3	0.6		8	1.5		15	2.0	32	36	6.1	22	
Montana	0	0.0		1	0.8		1	0.6		0	0.0	—	
Nebraska	0	0.0		3	1.4		5	2.8		7	6.4	—	
Nevada	1	0.6		6	3.1		14	4.0	18	38	9.3	13	
New Hampshire	2	1.2		3	1.6		2	1.3		1	3.3	_	
New Jersey	23	1.7	9	24	2.9	19	58	8.9	8	131	16.1	5	
New Mexico	2	1.6		1	0.7		2	0.8		5	1.8	_	
New York	83	2.5	5	123	5.7	7	190	12.1	4	137	13.0	8	
North Carolina	10	2.2		27	3.4	15	37	2.8	26	77	5.4	23	
North Dakota	0	0.0		4	4.0		1	1.9		1	5.5		
Ohio	23	1.3	14	50	3.3	16	49	4.9	15	38	10.2	11	
Oklahoma	1	1.0		5	2.3		12	2.7	27	28	3.8	29	
Oregon	0	0.0	—	1	1.3	_	12	2.3	30	10	4.9		
Pennsylvania	6	0.3	_	11	0.7	_	20	2.4	28	20	4.6	28	
Puerto Rico	20	3.2	4	34	5.8	6	21	9.5	6	/	19.3	—	
Rhode Island	2	0.8		1	1.0	_	4	7.4		8	16.9	_	
South Carolina	4	2.0	_	20	5.7	8	42	5.6	12	78	11.6	9	
South Dakota	2	2.3		0	0.0		3	4.5		1	1.9	-	
Tennessee	4	1.1		22	3.4	14	31	3.2	23	51	7.4	19	
Iexas	13	1.5	13	36	2.8	20	76	3.8	19	539	8.8	16	
Utan	2	0.9		0	0.0		2	0.6		3	1.2	-	
Vermont	4	2.6		2	2.1		0	0.0		0	0.0		
virginia	14	1./	10	22	2.6	22	4/	4./	16	69	10.2	12	
vvasnington	13	1.5	12	29	3.2	17	25	3.4	21	20	6.2	21	
vvest Virginia	1	0.9	-	2	0.6	_	3	1.2		0	0.0	_	
vvisconsin	4	0.4		11	1.6		16	5.0	14	8	6.5		
vvyoming	0	0.0	-	0	0.0	_	0	0.0	-	1	1.6	_	
Total ^b	622	1.7	_	940	3.1	_	1.434	4.7	_	3.058	9.5	_	

Table 7. Diagnoses of HIV infection among adults, by health insurance coverage, sex, and area of residence, 2017—census tract level, United States and Puerto Rico (cont)

	Without health insurance (%)												
-	<	6		6.00-	-9.99		10.00-	-15.99		≥'	≥16		
Area of residence	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a	No.	Rate	Rank ^a	
						Total							
Alabama	34	6.5	14	89	11.2	14	156	11.7	21	229	20.8	18	
Alaska	2	3.7	_	0	0.0	_	2	1.1	_	17	6.2	39	
Arizona	66	5.5	18	113	10.0	17	141	11.0	25	287	18.4	26	
Arkansas	18	8.1	7	38	6.4	30	91	9.6	27	70	13.8	32	
California	497	6.6	13	711	10.5	16	989	14.0	19	1,731	20.6	20	
Colorado	63	4.9	23	81	7.7	26	95	9.2	28	139	17.5	28	
Connecticut	74	4.4	25	63	12.0	12	56	16.6	12	68	23.4	15	
Delaware	21	6.9	10	49	16.9	5	21	18.0	9	13	42.2	1	
District of Columbia	143	38.3	1	84	83.4	1	44	64.5	1	8	69.3	_	
Florida	130	8.0	8	279	11.7	13	842	18.3	7	2,815	37.3	4	
Georgia	83	12.6	3	162	17.0	4	393	17.0	11	1,171	31.0	9	
Hawaii	45	6.3	15	22	6.4	29	3	5.3	_	0	0.0	—	
Idaho	1	1.0		6	2.5		12	2.5	43	19	4.5	41	
Illinois	212	5.6	17	199	8.4	22	316	16.3	13	464	25.9	11	
Indiana	40	3.9	32	99	6.4	32	116	7.9	33	206	20.6	19	
lowa	48	3.5	36	28	4.3	37	23	8.4	31	18	18.8	25	
Kansas	23	3.8	33	19	3.0	41	22	4.0	42	44	10.8	35	
Kentuckv	48	5.2	20	108	8.8	20	90	8.8	30	43	18.9	24	
Louisiana	40	13.0	2	72	12.8	10	242	21.5	5	511	32.9	7	
Maine	1	0.6	_	10	2.4		9	2.2	_	2	2.8		
Marvland	245	11.2	5	245	20.3	3	274	35.9	2	195	40.6	2	
Massachusetts	350	7.5	9	124	22.3	2	47	30.1	3	3	11.3	_	
Michigan	99	3.6	35	153	5.7	35	178	10.3	26	110	20.8	17	
Minnesota	99	3.8	34	69	6.4	31	54	14.3	16	28	19.2	22	
Mississippi	7	5.9		36	14.1	8	104	14.5	15	236	20.2	21	
Missouri	40	3.9	31	63	6.0	34	92	6.2	36	147	13.0	33	
Montana	1	1.2	_	6	2.4	_	7	2.3	_	9	5.7	_	
Nebraska	12	2.7	37	15	3.7	40	21	5.9	37	32	14.5	30	
Nevada	17	5.4	19	42	11.0	15	126	18.3	8	274	33.0	6	
New Hampshire	5	1.5		11	2.9		0	3.1	_	3	5.0	_	
New Jersev	109	4.3	28	97	6.2	33	213	17.2	10	514	32.4	8	
New Mexico	9	3.6		11	3.8	_	29	5.7	38	41	7.5	38	
New York	442	6.8	12	621	15.2	6	802	27.1	4	694	33.5	5	
North Carolina	55	6.1	16	124	8.0	24	215	8.4	32	406	14.8	29	
North Dakota	4	1.8	_	19	9.3	18	7	6.2	_	4	10.7		
Ohio	149	4.4	26	258	8.8	19	307	16.0	14	174	24.0	13	
Oklahoma	10	4.9	_	28	6.8	28	66	7.7	34	151	10.3	36	
Oregon	27	4.3	27	52	47	36	49	4.8	40	56	14.0	31	
Pennsylvania	67	1.5	39	69	2.2	42	79	5.0	39	52	6.2	40	
Puerto Rico	132	11.4	4	160	14.6	7	83	20.2	6	26	37.4	3	
Rhode Island	19	4.2	29	16	8.3	23	12	11.5	22	28	30.1	10	
South Carolina	27	6.9	11	93	13.8	9	203	14.1	18	312	24.3	12	
South Dakota	6	3.6		5	21	_	12	9.0	29	11	10.2		
Tennessee	32	4.8	24	98	8.0	25	207	11 1	23	295	22.2	16	
Texas	154	9.0	6	307	12.0	11	549	14.2	17	2 894	24.0	14	
Utah	10	2.2	_	19	.2.0	39	28	4.6	41	43	8.6	37	
Vermont	12	4.0	30	g	47		0	0.0		.0	0.0	_	
Virginia	81	5.1	21	136	84	21	239	12.3	20	250	18.9	23	
Washington	83	5.0	22	130	7.2	27	107	7.5	35	72	10.0	34	
West Virginia	5	2.4		10	1 4		q	1 9		3	53		
Wisconsin	54	2.7	38	60	43	38	68	11.0	24	44	18.1	27	
Wyoming	0	0.0		3	2.8		4	2.2	<u> </u>	3	23		
Tetel ^b	2 054	5.0 E 7		E 204	0.4		7 963	12.2		14.065	2.0		

Table 7. Diagnoses of HIV infection among adults, by health insurance coverage, sex, and area of residence, 2017—census tract level, United States and Puerto Rico (cont)

Note. Data reflect the census tract of the person's residential address at the time they received an HIV diagnosis, and the proportion of residents within the census tract without health insurance or health coverage plan (individuals aged 18 years and older).

Reported numbers less than 12, and rates based on these numbers, should be interpreted with caution. Rates are per 100,000 population.

For the definitions of social determinants of health indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/ subject_definitions/2017_ACSSubjectDefinitions.pdf.

Based on rate.

^b Totals do not represent all adults whose HIV infection was diagnosed during 2017 in these areas. See Technical Notes for exclusion criteria.

	Male-to-male sexual								
	Male-t	o-male			contact ar	nd injection			
	sexual	contact	Injection	l drug use	drug	g use	Heterosex	ual contact ^a	
	No.	%	No.	%	No.	%	No.	%	
Male									
Below federal poverty level (%)									
<7	902	11.4	30	9.6	28	13.1	173	11.8	
7.00–10.99	1,004	12.7	33	10.6	30	14.0	185	12.6	
11.00–18.99	2,207	28.0	74	24.0	48	22.3	398	27.2	
≥19	3,779	47.9	172	55.8	109	50.6	708	48.4	
Less than high school diploma (%)									
<6	1,015	12.9	26	8.3	26	12.1	123	8.4	
6.00–10.99	1,621	20.5	46	14.9	51	23.7	246	16.8	
11.00–17.99	2,195	27.8	93	30.1	52	24.0	392	26.8	
≥18	3,063	38.8	144	46.7	87	40.2	704	48.0	
Median household income (U.S. \$)									
<40.000	3.727	47.3	159	51.6	103	47.4	730	49.9	
40.000-53.999	1.920	24.4	71	23.1	49	22.6	325	22.2	
54.000-74.999	1.403	17.8	48	15.5	36	16.5	253	17.3	
≥75.000	835	10.6	30	9.8	29	13.5	155	10.6	
Without health insurance (%)									
<6	628	8.0	32	10.3	33	15.3	130	8.8	
6.00-9.99	1.228	15.6	48	15.5	24	11.3	197	13.5	
10.00–15.99	2,133	27.0	88	28.6	59	27.3	334	22.8	
≥16	3.905	49.5	140	45.5	100	46.1	804	54.9	
Subtotal ^b	8 215	100	317	100	225	100	1 506	100	
Fomolo	0,210	100	017	100	220	100	1,000	100	
Pellow federal neverty level (%)									
Below federal poverty level (%)			05	0.2			240	10.2	
	_	_	20	9.0	_	_	342	10.3	
11.00 19.00	_	_	30 61	11.Z	_	_	414	12.4	
11.00−18.99 >10	_	—	01	22.1	_	_	902	27.1	
≥ 19	_	_	152	0.00	_	_	1,000	50.2	
Less than high school diploma (%)			05	0.4			070	0.0	
	—	—	25	9.4	—	—	276	8.3	
6.00-10.99	—	—	42	15.5	—	_	569	17.1	
11.00-17.99	—	—	70	20.2	—	—	925	27.8	
	—	—	131	48.9	—	—	1,555	46.8	
Median household income (U.S. \$)							4 057	10.0	
<40,000	—	—	146	54.5	—	—	1,657	49.8	
40,000–53,999	—	—	48	17.9	—		//1	23.2	
54,000-74,999	—	—	43	16.1	—	_	573	17.2	
≥75,000	—	—	31	11.5	—	_	323	9.7	
Without health insurance (%)									
<6	_	_	27	9.9	_	_	256	1.1	
6.00-9.99	_	—	40	15.0	_	_	436	13.1	
10.00–15.99	—	—	72	26.8	_	—	791	23.8	
210	_	—	129	48.3	_	—	1,843	55.4	
Subtotal ^D	—	_	277	100	—	—	3,414	100	
Total ^c	8,215	100	593	100	225	100	4,920	100	

Table 8a. Diagnoses of HIV infection among black/African American adults, by transmission category, sex, and selected social determinants of health, 2017—census tract level, United States and Puerto Rico

Abbreviation. SDH, social determinants of health [footnotes only].

Note. Data reflect the census tract of the person's residential address at the time they received an HIV diagnosis.

Data have been statistically adjusted to account for missing transmission category.

For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2017_ACSSubjectDefinitions.pdf.

 $\overset{\text{a}}{\cdot}$ Heterosexual contact with a person known to have, or to be at high risk for, HIV infection.

^b Because column subtotals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column subtotals. See Technical Notes for criteria used to define SDH subpopulations.

C Totals do not represent all adults whose HIV infection was diagnosed during 2017 in these areas. See Technical Notes for exclusion criteria.

	Male-t	o-male			Male-to-m contact ar	ale sexual			
	sexual	contact	Injection	l drug use	drug	guse	Heterosexual contact ^a		
	No.	%	No.	%	No.	%	No.	%	
Male									
Below federal poverty level (%)									
<7	759	11.4	16	6.8	37	15.2	45	9.0	
7.00–10.99	1,006	15.2	23	10.0	42	17.3	58	11.5	
11.00–18.99	2,015	30.4	65	27.9	80	32.9	121	24.0	
≥19	2,854	43.0	129	55.3	85	34.6	278	55.5	
Less than high school diploma (%)									
<6	821	12.4	15	6.4	35	14.5	32	6.4	
6.00-10.99	967	14.6	24	10.2	43	17.4	71	14.1	
11.00–17.99	1.269	19.1	38	16.3	47	19.1	105	21.0	
≥18	3.581	53.9	157	67.1	120	49.0	294	58.5	
Median household income (U.S. \$)	,								
<40.000	2,501	37.7	113	48.8	78	32.1	256	50.9	
40.000-53.999	1,776	26.8	63	27.1	61	25.0	125	24.9	
54.000-74.999	1,434	21.6	37	16.1	60	24.5	81	16.1	
≥75.000	921	13.9	19	8.1	45	18.5	41	8.1	
Without health insurance (%)	•=•			••••				••••	
	598	9.0	37	15.8	31	12.6	55	10.9	
6 00-9 99	824	12.4	39	16.8	44	17.8	72	14.4	
10.00-15.99	1 362	20.5	49	21.1	47	19.2	91	18.1	
>16	3 850	58.0	108	46.4	123	50.4	284	56.6	
Subtotal ^b	6 732	100	230	100	252	100	517	100	
	0,752	100	259	100	252	100	517	100	
Female									
Below federal poverty level (%)									
<7	_	_	9	7.8	_	_	95	10.5	
7.00–10.99	_	_	10	8.6	_	_	127	14.0	
11.00–18.99	_	_	31	26.5	_	—	240	26.5	
≥19	_	_	66	57.0	_	—	446	49.1	
Less than high school diploma (%)									
<6	—	_	10	8.3	—	—	75	8.3	
6.00–10.99	—		10	9.0		—	124	13.6	
11.00–17.99	—	_	22	19.1	—	—	166	18.3	
≥18	—	—	73	63.5	—	—	543	59.8	
Median household income (U.S. \$)									
<40,000	_	_	51	44.3	_	—	398	43.9	
40,000–53,999	_	_	35	30.3	_	—	240	26.4	
54,000–74,999	_	_	19	16.3	_	—	164	18.1	
≥75,000	_	_	11	9.1	_	—	105	11.6	
Without health insurance (%)									
<6	—		10	8.3		—	80	8.8	
6.00–9.99	—	_	14	11.9	—	_	133	14.7	
10.00–15.99	_	—	34	29.3	—	—	184	20.3	
≥16	_	—	58	50.4	—	—	510	56.2	
Subtotal ^b	_	_	118	100	_	_	924	100	
Total ^c	6.732	100	357	100	252	100	1.440	100	

Table 8b. Diagnoses of HIV infection among Hispanic/Latino adults, by transmission category, sex, and selected social determinants of health, 2017—census tract level, United States and Puerto Rico

Abbreviation. SDH, social determinants of health [footnotes only].

Note. Data reflect the census tract of the person's residential address at the time they received an HIV diagnosis.

Data have been statistically adjusted to account for missing transmission category.

Hispanics/Latinos can be of any race.

For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2017_ACSSubjectDefinitions.pdf. ^a Heterosexual contact with a person known to have, or to be at high risk for, HIV infection.

^b Because column subtotals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column subtotals. See Technical Notes for criteria used to define SDH subpopulations.

^C Totals do not represent all adults whose HIV infection was diagnosed during 2017 in these areas. See Technical Notes for exclusion criteria.

	Male-to-male sexual										
	Male-t	o-male			contact ar	nd injection					
	sexual	contact	Injectior	n drug use	drug	g use	Heterosexu	ual contact ^a			
	No.	%	No.	%	No.	%	No.	%			
Male											
Below federal poverty level (%)											
<7	1,359	23.5	72	20.7	108	21.9	88	24.7			
7.00–10.99	1,313	22.7	62	17.9	98	19.7	81	22.7			
11.00–18.99	1,720	29.7	100	28.9	147	29.8	109	30.4			
≥19	1,401	24.2	113	32.5	141	28.6	79	22.2			
Less than high school diploma (%)											
<6	1,688	29.1	64	18.4	122	24.7	76	21.2			
6.00–10.99	1,628	28.1	79	22.9	135	27.2	110	30.7			
11.00–17.99	1,291	22.3	94	27.0	115	23.3	83	23.2			
≥18	1,188	20.5	110	31.7	122	24.8	89	24.9			
Median household income (U.S. \$)											
<40,000	1,177	20.3	104	29.9	127	25.8	70	19.5			
40,000–53,999	1,501	25.9	101	29.2	130	26.4	101	28.2			
54.000–74.999	1.705	29.5	81	23.2	120	24.3	104	29.1			
≥75.000	1,407	24.3	61	17.7	117	23.6	83	23.1			
Without health insurance (%)											
<6	1.252	21.6	64	18.5	110	22.2	68	18.9			
6.00-9.99	1.360	23.5	82	23.5	90	18.1	71	19.8			
10.00–15.99	1,530	26.4	106	30.4	142	28.7	94	26.4			
≥16	1.654	28.5	96	27.6	153	31.0	125	34.9			
Subtotal ^b	5,992	100	361	100	512	100	362	100			
Female	-,										
Below federal poverty level (%)											
<7	_	_	51	14.8	_	_	172	22.0			
7 00–10 99	_	_	65	18.9	_	_	158	20.3			
11 00-18 99	_	_	94	27.5	_	_	233	29.8			
>19	_	_	133	38.8	_	_	200	28.0			
Less than high school dinloma (%)			100	00.0			215	20.0			
	_	_	11	12 9	_	_	130	17.8			
50 6 00_10 99			81	23.6	_		217	27.8			
11 00_17 99		_	01 Q1	26.5	_	_	217	27.0			
>18	_	_	127	37.0	_	_	214	27.0			
Median household income (ILS \$)			127	07.0			211	21.0			
	_	_	126	36.7	_	_	208	26.6			
40,000 /0 000_53 999		_	90	26.1	_	_	200	20.0			
54 000-77 999		_	81	20.1	_	_	213	20.0			
>75 000		_	/7	13.7	_	_	1/13	18 /			
Without health insurance (%)		_	77	10.7	_	_	145	10.4			
			60	17 /			111	18 /			
 <0 <			78	22.8			144	21.7			
10 00_15 99			21 21	22.0			107	21.7			
>16	_	_	121	2 -1.4 35.4	_	_	271	20.2 34.6			
Subtotal ^b	_	_	25/	100. -	_	_	802	100			
	-	-		100		-	002	100			
IOTAI	5,992	100	/15	100	512	100	1,164	100			

Table 8c. Diagnoses of HIV infection among white adults, by transmission category, sex, and selected social determinants of health, 2017—census tract level, United States and Puerto Rico

Abbreviation. SDH, social determinants of health [footnotes only].

Note. Data reflect the census tract of the person's residential address at the time they received an HIV diagnosis.

Data have been statistically adjusted to account for missing transmission category.

For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2017_ACSSubjectDefinitions.pdf.

^a Heterosexual contact with a person known to have, or to be at high risk for, HIV infection.

^b Because column subtotals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column subtotals. See Technical Notes for criteria used to define SDH subpopulations.

C Totals do not represent all adults whose HIV infection was diagnosed during 2017 in these areas. See Technical Notes for exclusion criteria.
Table 9a. Diagnoses of HIV infection among black/African American adults, by age at diagnosis, sex, and selected social determinants of health, 2017—census tract level, United States and Puerto Rico

	18–24	years	25–34	years	35–44	years	45–54	years	55–64	years	≥65	years
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Male												
Below federal poverty level (%)												
<7	299	88.5	455	107.2	153	34.4	138	29.9	69	20.4	20	7.7
7.00–10.99	340	98.7	503	108.6	192	46.2	134	33.0	72	23.0	12	4.8
11.00–18.99	773	123.3	1.035	123.0	440	63.1	264	38.4	171	29.2	48	10.0
≥19	1,464	137.5	1,791	152.9	663	71.8	465	47.6	295	32.6	97	13.0
Less than high school diploma (%)	,		,									
<6	361	94.7	489	129.7	153	46.3	121	37.4	50	20.8	18	9.6
6 00–10 99	598	121.4	766	125.9	271	49.5	190	34.7	115	26.4	25	72
11 00–17 99	800	123.7	1 0 3 4	128.9	401	57.7	271	38.4	182	29.5	51	10.1
≥18	1 1 1 8	127.6	1 4 9 5	130.8	623	66.9	420	43.3	261	30.4	83	11.8
Median household income (II S \$)	1,110	121.0	1,100	100.0	020	00.0	120	10.0	201	00.1	00	11.0
	1 / 66	1// 1	1 777	155 5	6/3	713	119	/7 1	202	32/	96	12.6
	696	110.2	008	110.3	368	50.7	221	39.5	127	02. 4 07.6	30	0.1
40,000-33,999 54,000, 74,000	468	101.0	900 687	113.0	200	59.7 52.7	17/	30.0	100	27.0	26	9.4 7 0
>75 000	400	101.0	007 /11	100.0	200	36.7	1/4	32.1	79	23.7	20	6.0
$\geq 73,000$	230	05.5	411	109.0	149	30.7	145	55.1	70	24.0	17	0.9
without nealth insurance (%)	100	C1 0	224	00.4	100	22.0	105	20 F	64	00 7	20	07
	198	01.0	331	90.1	109	32.8	105	30.5	01	22.1	20	8.7
6.00-9.99	431	100.4	568	111.1	229	49.9	150	32.0	91	23.3	30	9.2
10.00-15.99	819	125.5	949	118.1	3/6	54.3	272	38.4	153	25.2	51	10.2
216	1,429	147.1	1,936	156.0	734	73.6	4/4	47.0	302	34.5	76	11.1
Subtotal ^a	3,010	125.6	3,923	133.9	1,508	60.2	1,032	40.5	624	29.0	178	10.2
Female												
Below federal poverty level (%)												
<7	36	12.5	92	21.9	91	19.1	75	15.0	62	16.2	14	4.0
7.00–10.99	56	18.3	119	25.9	108	23.8	86	19.3	58	15.5	21	5.9
11.00–18.99	121	20.3	267	30.6	239	31.1	179	22.9	108	15.4	54	7.6
≥19	277	24.5	510	37.8	396	35.8	331	28.9	248	22.6	66	5.7
Less than high school diploma (%)												
<6	42	10.8	84	21.5	72	19.6	55	15.3	40	14.3	11	4.2
6.00-10.99	79	16.3	171	25.9	142	22.5	112	17.8	78	14.9	33	6.7
11.00–17.99	111	17.3	288	32.2	238	29.1	194	23.1	125	16.5	46	6.0
≥18	258	31.7	445	38.5	382	38.6	310	29.5	233	23.5	65	6.1
Median household income (U.S. \$)		•					0.0	2010				••••
	263	24.3	506	37.8	410	37 5	341	30.0	232	21.1	59	50
40,000	122	27.0	233	30.0	189	28.0	138	20.4	103	17.0	38	6.4
54 000-74 999	68	16 /	170	00.0 27.7	1/13	20.0	11/	10.1	88	17.0	38	8.2
>75 000	37	13.5	70	21.1	02	20.0	77	16.8	53	15.1	20	6.0
Without health incurance (%)	57	10.0	15	21.1	52	21.7	11	10.0	55	10.1	20	0.0
	27	10 7	70	01 E	64	10.0	50	14.0	10	115	10	5.0
	57	12.7	10	21.0	04 117	10.0	53 00	14.9	43	14.0	19	5.9 5.6
0.00-9.99	10	13.0	12/	23.9 25.9	11/	∠ა.ა ეე ე	09 175	17.U 01.0	100	12.Ö 16.6	12	0.C 5
10.00-10.88 >16	114	0./I د مد	220	∠0.0 /1 0	104	ZZ.9 40.4	1/0	∠1.3 20.0	123	10.0 7 2 C	43	0.0 6.4
	210	20.3	600	41.0	409	40.4	00 4	3U.Z	201	23.1	00	0.4
Subtotal	506	21.7	1,011	32.6	869	31.0	687	23.9	482	18.9	158	6.1
Total ^D	3,516	74.4	4,934	81.8	2,377	44.8	1,719	31.7	1,106	23.5	336	7.8

Abbreviations. ACS, American Community Survey [footnotes only]; SDH, social determinants of health [footnotes only].

Note. Data reflect the census tract of the person's residential address at the time they received an HIV diagnosis.

Reported numbers less than 12, and rates based on these numbers, should be interpreted with caution. Rates are per 100,000 population.

The ACS does not provide age- and sex-specific SDH variables stratified by race and ethnicity for racial groups except whites (i.e., white, not Hispanic/Latino). Therefore, the denominators used for computing race-specific rates may include Hispanics/Latinos, and should be interpreted with caution; see Technical Notes for more details. For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2017_ACSSubjectDefinitions.pdf.

^a Because column subtotals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column subtotals. See Technical Notes for criteria used to define SDH subpopulations.

^b Totals do not represent all adults whose HIV infection was diagnosed during 2017 in these areas. See Technical Notes for exclusion criteria.

Table 9b.	Diagnoses of HIV infection amo	ng Hispanic/Latino adults	, by age at diagnosis,	sex, and selected social	determinants of
	health, 2017-census tract level	, United States and Puerto	o Rico		

	18–24	years	25–34	years	35–44	35–44 years 45–54 years 55–64 years		≥65 years				
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Male												
Below federal poverty level (%)												
<7	190	35.2	338	47.1	181	24.6	105	17.0	29	7.8	14	5.0
7.00–10.99	224	37.8	463	54.0	221	28.7	164	27.2	49	12.8	9	3.1
11.00–18.99	452	42.7	941	61.7	496	37.4	277	27.1	84	13.1	33	6.5
≥19	703	49.6	1.321	73.2	704	46.0	412	33.5	157	18.4	52	6.5
Less than high school diploma (%)			.,									
<6	154	33.0	391	76.3	191	416	120	317	36	15.2	12	64
6 00-10 99	245	45.2	452	59.2	206	29.8	146	27.0	51	14.7	5	1.8
11 00_17 99	327	46.4	581	58.2	301	33.6	177	25.3	49	10.8	25	6.6
>18	8/3	40.4 11 0	1 6/0	61.7	905	38.8	517	20.0	183	15.0	66	6.0
Median household income (II S \$)	0-0	0	1,040	01.7	505	50.0	517	21.0	100	10.0	00	0.4
	610	517	1 1 5 0	75.6	612	17 1	262	212	145	10.1	50	60
	206	31.7 40.1	1,100	75.0 60.5	125	47.1	303 257	04.0 00 G	140	19.1	02	0.9
40,000-53,999	390 200	40.1	00 I 675	00.0 EE 0	400	30.0 21.2	201	20.0	0Z	14.0	20	5.9 4.4
54,000-74,999 >75,000	020 000	39.0	207	00.0 50.5	017	074	201	23.9	20	10.0	17	4.4
275,000	220	39.7	291	50.5	217	27.1	157	20.4	30	0.7	15	4.5
Without health insurance (%)	400	00 7	0.07	50.4	450	00.0	440	00.0	00		•	0.0
	139	29.7	267	50.4	150	29.2	119	26.3	30	11.4	9	2.9
6.00-9.99	227	42.2	379	53.7	189	29.7	126	24.0	43	11.9	15	4.4
10.00–15.99	312	40.5	657	62.0	308	33.4	190	26.0	60	12.6	24	6.0
≥16	891	48.5	1,760	67.4	955	41./	523	29.7	180	16.4	60	7.1
Subtotal ^a	1,588	43.8	3,124	63.4	1,626	37.1	974	28.0	323	14.3	109	5.8
Female												
Below federal poverty level (%)												
<7	21	4.3	22	3.2	25	3.4	19	3.0	15	3.6	2	0.5
7.00–10.99	17	3.1	42	5.4	26	3.5	30	5.0	17	4.2	5	1.3
11.00–18.99	40	4.1	72	5.3	64	5.2	60	6.1	28	4.1	8	1.2
≥19	62	4.6	130	7.8	118	7.9	119	9.6	57	6.1	26	2.5
Less than high school diploma (%)												
<6	14	31	19	38	16	34	18	44	12	43	6	23
6 00-10 99	21	4 0	36	5.0	32	4.6	26	47	16	4 1	3	0.8
11 00–17 99	26	39	47	5.1	48	5.5	45	64	19	3.8	3	0.6
>18	79	4.5	164	7.0	137	6.3	139	77	70	5.5	29	22
Median household income (II S \$)	10	1.0	101	1.0	101	0.0	100	1.1	10	0.0	20	2.2
	5/	17	112	70	00	77	105	07	55	66	25	25
10 000-53 000	ار ال	4.7	77	63	55 64	5.8	64	J.1 7 3	23	0.0 3.8	25	2.5
54 000 74 000	+0 20	27	16	1 1	11	13	34	1.5	23	10	3	0.6
>75 000	23 17	3.7	-10	4.1 11	26	4.J 2.0	25	3.6	10	4.9	5	1.0
$\geq 73,000$	17	5.2	51	4.1	20	J.Z	25	5.0	12	2.0	5	1.2
without health insurance (%)	10	2.0	04	16	04	1 5	10	25	10	26	4	1.0
	10	3.0	24	4.0	24	4.5	12	2.0	13	3.0 E 0	4	1.0
	14	Z.1	30 47	J.J	29	4.5 4 5	44	0.1	21	5.Z	3	0.7
10.00-13.99	33	4.5	4/	4.ð	40	4.5 6.5	8C 4 4 4	1.9	30	5./ / C	10	1.9
	δU	4./	159	0.Ŭ	140	0.5	114	0./	53	4.0	24	Z.Z
Subtotal	142	4.2	275	6.1	236	5.6	229	6.6	121	5.0	41	1.6
Total ^D	1,730	24.7	3,399	36.0	1,862	21.7	1,203	17.3	444	9.5	150	3.4

Abbreviation. SDH, social determinants of health [footnotes only].

Note. Data reflect the census tract of the person's residential address at the time they received an HIV diagnosis.

Hispanics/Latinos can be of any race.

Reported numbers less than 12, and rates based on these numbers, should be interpreted with caution. Rates are per 100,000 population.

For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2017_ACSSubjectDefinitions.pdf.

^a Because column subtotals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column subtotals. See Technical Notes for criteria used to define SDH subpopulations.

b Totals do not represent all adults whose HIV infection was diagnosed during 2017 in these areas. See Technical Notes for exclusion criteria.

Table 9c. Diagnoses of HIV infection among white adults, by age at diagnosis, sex, and selected social determinants of health, 2017 census tract level, United States and Puerto Rico

	18–24	years	25–34	years	35–44	years	45–54	years	55–64	years	≥65	years
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Male												
Below federal poverty level (%)												
<7	256	9.9	507	12.8	289	6.5	320	5.8	197	3.6	60	1.0
7.00–10.99	216	11.8	491	15.9	294	10.2	343	10.2	169	4.8	43	1.0
11.00-18.99	316	14.8	683	19.4	413	13.8	408	11.9	204	5.6	54	1.2
≥19	299	14.3	619	31.0	344	23.6	280	17.4	151	9.0	43	2.3
Less than high school diploma (%)												
<6	305	9.4	644	16.5	339	8.9	374	8.3	228	5.1	61	1.2
6.00-10.99	299	11.6	628	15.8	372	10.0	385	8.7	205	4.5	65	1.2
11.00–17.99	246	13.5	510	17.7	313	11.8	324	10.3	159	4.9	33	0.9
≥18	239	22.1	518	28.3	316	19.6	268	14.2	129	6.6	41	19
Median household income (ILS \$)				_0.0	0.0							
	270	14.8	504	27 5	273	19.0	260	15 7	130	73	42	19
10,000 53 999	270	19.7	610	18.0	280	14.0	238	10.7	181	53	12	1.0
40,000-33,333 54,000, 74,000	204	12.7	6/1	16.4	370	10.6	400	0.7	210	10	4J 59	1.0
>75 000	017	0.6	5/5	15.9	207	7.4	252	3.1 7 0	210	4.3	57	1.1
$\geq 75,000$	217	9.0	545	15.2	291	7.4	555	1.2	200	4.5	57	1.1
without nearth insurance (%)	000	0 1	461	10.0	071	6.0	207	6.2	165	2.2	50	0.0
	238	0.1	401	12.3	2/1	0.9	307	0.3	100	3.3	53	0.9
6.00-9.99	248	10.7	509	15.3	312	10.0	307	8.4	1/3	4.0	54	1.2
10.00–15.99	281	13.7	642	20.2	365	12.9	354	11.1	188	5.7	44	1.1
216	322	23.0	688	29.7	392	20.7	383	17.7	195	8.7	49	1.9
Subtotal ^D	1,124	12.9	2,371	18.8	1,383	11.7	1,399	10.0	746	5.2	210	1.3
Female												
Below federal poverty level (%)												
<7	31	1.3	58	1.5	40	0.9	49	0.9	33	0.6	12	0.2
7.00–10.99	23	1.3	60	2.0	54	1.9	50	1.5	31	0.8	6	0.1
11.00–18.99	43	2.1	106	3.1	72	2.5	61	1.8	41	1.1	5	0.1
≥19	39	1.9	106	5.7	90	6.5	70	4.5	44	2.5	4	0.2
Less than high school diploma (%)												
<6	29	0.9	48	1.2	38	1.0	33	0.7	30	0.6	6	0.1
6.00-10.99	30	1.2	100	2.6	57	1.5	63	1.4	38	0.8	12	0.2
11.00–17.99	39	2.3	84	3.0	66	2.5	68	2.2	42	1.2	6	0.1
≥18	38	3.8	98	5.8	95	6.3	66	3.7	39	2.0	3	0.1
Median household income (U.S. \$)												
<40.000	41	23	98	57	93	67	62	38	37	20	4	01
40,000-53,999	33	1.6	96	3.1	71	2.6	57	1.8	45	1.0	7	0.1
54 000-74 999	36	1.0	81	21	61	17	68	1.0	40	0.9	6	0.1
>75 000	26	1.0	55	15	31	0.8	43	0.9	27	0.5	10	0.1
Without health incurance (%)	20	1.2	00	1.0	01	0.0	-10	0.0	21	0.0	10	0.2
	20	10	56	15	27	0.0	11	0.0	21	0.6	٥	0.1
	20	1.0	50 74	1.0	57	0.9	44 51	0.9	26	0.0	9	0.1
0.00-9.99	21	1.Z 1 0	/4 01	2.3 2.6	04 20	1.1 2 E	1 C	1.4	20 20	0.9	0 7	0.1
10.00-10.88 >16	30 15	1.0 21	01	2.0 5.5	00	∠.⊃ 5.4	1 C 1 O	1.0	39 12	1.1	1	0.1
	40	J.4 1 7	119	0.0	31	0.4	04	4.0	40	1.9	07	0.2
	142	1.7	33/	2.1	200	2.3	230	1.7	152	1.0	27	0.1
Total ^o	1,266	7.5	2,708	10.9	1,649	7.0	1,635	5.8	898	3.1	237	0.6

Abbreviation. SDH, social determinants of health [footnotes only].

Note. Data reflect the census tract of the person's residential address at the time they received an HIV diagnosis.

Reported numbers less than 12, and rates based on these numbers, should be interpreted with caution. Rates are per 100,000 population.

For the definitions of SDH variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2017_ACSSubjectDefinitions.pdf.

^a Because column subtotals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column subtotals. See Technical Notes for criteria used to define SDH subpopulations.

b Totals do not represent all adults whose HIV infection was diagnosed during 2017 in these areas. See Technical Notes for exclusion criteria.

$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$				≤1 n	nonth	≤3 m	onths
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$		Тс	otal	≥1 CD4 o	r VL tests	≥1 CD4 o	r VL tests
Black/African American Male Below federal poverty level (%) State State State $\langle 7 \rangle$ 1,038 11.3 797 76.8 874 84.2 7.00–10.99 1,145 12.5 881 76.9 984 85.9 210 4,427 48.3 3,259 73.6 3,695 83.5 Less than high school diploma (%) 87.6 1,504 83.7 40.000-17.99 2,528 27.6 1,943 76.9 2,162 85.5 218 3,728 40.6 2,720 73.0 3,089 82.7 40,000-53,999 2,186 23.9 1,656 75.8 1,861 85.1 54,000-74,999 1,609 17.6 1,236 76.8 1,374 85.4 275,000 980 10.7 760 77.6 82.6 84.3 Without health insurance (%) - - 1,396 15.2 1,080 <t< th=""><th></th><th>No.</th><th>%^a</th><th>No.</th><th>%</th><th>No.</th><th>%</th></t<>		No.	% ^a	No.	%	No.	%
Male Below federal poverty level (%) <7				Black/Africa	an American		
Below federal poverty level (%) <7	Male						
<71,03811.379776.887484.27.00-10.991,14512.588176.998485.911.00-18.992,56327.91,91974.92,14783.8≥194,42748.33,25973.63,69583.5Less than high school diploma (%) </td <td>Below federal poverty level (%)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Below federal poverty level (%)						
7.00-10.991,14512.588176.998485.911.00-18.992,56327.91,91974.92,14783.8≥194,42748.33,25973.63,69583.5Less than high school diploma (%)<6	<7	1,038	11.3	797	76.8	874	84.2
11.00-18.992,56327.91,91974.92,14783.8≥194,42748.33,25973.63,69583.5Less than high school diploma (%) </td <td>7.00–10.99</td> <td>1,145</td> <td>12.5</td> <td>881</td> <td>76.9</td> <td>984</td> <td>85.9</td>	7.00–10.99	1,145	12.5	881	76.9	984	85.9
≥19 4,427 48.3 3,259 73.6 3,695 83.5 Less than high school diploma (%) < 6 1,124 12.2 837 74.5 948 84.3 6.00-10.99 1,796 19.6 1,358 75.6 1,504 83.7 11.00-17.99 2,528 27.6 1,943 76.9 2,162 85.5 ≥18 3,728 40.6 2,720 73.0 3,089 82.9 Median household income (U.S. \$) < 40,000 4,389 47.9 3,198 72.9 3,631 82.7 40,000-53,999 2,186 23.9 1,656 75.8 1,861 85.1 54,000-74,999 1,609 17.6 1,236 76.8 1,374 85.4 ≥75,000 980 10.7 760 77.6 826 84.3 Without health insurance (%) < 6 757 8.3 599 79.1 657 86.8 6.00-9.99 1,396 15.2 1,080 77.4 1,188 85.1 10.00-15.99 2,391 26.1 1,853 77.5 2,040 85.3 ≥16 4,630 50.5 3,324 71.8 3,816 82.4 Subtotal ^b 9,531 100 7,106 74.6 7,990 83.8 Female Below federal poverty level (%) < 7 327 9.9 273 83.5 300 91.7 7.00-10.99 409 12.3 339 82.9 368 90.0 11.00-18.99 898 27.1 669 76.7 784 87.3 ≥19 1,681 50.7 1,307 77.8 1,450 86.3 Less than high school diploma (%) < 6 277 8.4 227 81.9 247 89.2 6.00-10.99 1558 16.8 455 81.5 502 90.0 11.00-17.99 901 27.2 716 79.5 793 88.0 Less than high school diploma (%) < 7 77.8 1,450 86.3 Less than high school diploma (%) < 7 78 1,681 50.7 1,307 77.8 1,450 86.3 Less than high school diploma (%) < 7 79 84 227 81.9 247 89.2 < 6 0.00-10.99 1558 16.8 455 81.5 502 90.0 11.00-17.99 901 27.2 716 79.5 793 88.0 ≥18 1,579 47.6 1,210 76.6 1,360 86.1 Median household income (U.S. \$) < 40,000 1,667 50.3 1,282 76.9 1,439 86.3 40,000-53,999 758 22.9 598 78.9 66.5 87.7 < 700 760 760 760 760 760 760 760 760 760	11.00–18.99	2,563	27.9	1,919	74.9	2,147	83.8
Less than high school diploma (%)<6	≥19	4,427	48.3	3,259	73.6	3,695	83.5
<61,12412.283774.594884.36.00-10.991,79619.61,35875.61,50483.711.00-17.992,52827.61,94376.92,16285.5≥183,72840.62,72073.03,08982.9Median household income (U.S. \$) </td <td>Less than high school diploma (%)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Less than high school diploma (%)						
6.00-10.991,79619.61,35875.61,50483.7 $11.00-17.99$ 2,52827.61,94376.92,16285.5≥183,72840.62,72073.03,08982.9Median household income (U.S. \$) </td <td><6</td> <td>1,124</td> <td>12.2</td> <td>837</td> <td>74.5</td> <td>948</td> <td>84.3</td>	<6	1,124	12.2	837	74.5	948	84.3
11.00-17.992,52827.61,94376.92,16285.5≥183,72840.62,72073.03,08982.9Median household income (U.S. \$)3,19872.93,63182.740,000-53,9992,18623.91,65675.81,86185.154,000-74,9991,60917.61,23676.81,37485.4≥75,00098010.776077.682684.3Without health insurance (%) </td <td>6.00–10.99</td> <td>1,796</td> <td>19.6</td> <td>1,358</td> <td>75.6</td> <td>1,504</td> <td>83.7</td>	6.00–10.99	1,796	19.6	1,358	75.6	1,504	83.7
≥18 3,728 40.6 2,720 73.0 3,089 82.9 Median household income (U.S. \$) <40,000 4,389 47.9 3,198 72.9 3,631 82.7 40,000-53,999 2,186 23.9 1,656 75.8 1,861 85.1 54,000-74,999 1,609 17.6 1,236 76.8 1,374 85.4 ≥75,000 980 10.7 760 77.6 826 84.3 Without health insurance (%) <6 757 8.3 599 79.1 657 86.8 6,00-9.99 1,396 15.2 1,080 77.4 1,188 85.1 10.00-15.99 2,391 26.1 1,853 77.5 2,040 85.3 ≥16 4,630 50.5 3,324 71.8 3,816 82.4 Subtotal ^b 9,531 100 7,106 74.6 7,990 83.8 Female Below federal poverty level (%) <7 327 9.9 273 83.5 300 91.7 7.00-10.99 409 12.3 339 82.9 368 90.0 11.00-18.99 898 27.1 669 76.7 784 87.3 ≥19 1,681 50.7 1,307 77.8 1,450 86.3 11.00-18.99 558 16.8 455 81.5 502 90.0 11.00-17.99 901 27.2 716 79.5 793 88.0 ≥18 1,579 47.6 1,210 76.6 1,360 86.1 Median household income (U.S. \$) <40,000 1,667 50.3 1,282 76.9 1,439 86.3 40,000-53.999 758 22.9 598 78.9 665 87.7 40,000 53.999 758 22.9 598 78.9 665 87.7	11.00–17.99	2,528	27.6	1,943	76.9	2,162	85.5
Median household income (U.S. \$)<40,000	≥18	3,728	40.6	2,720	73.0	3,089	82.9
<40,0004,38947.93,19872.93,63182.740,000-53,9992,18623.91,65675.81,86185.154,000-74,9991,60917.61,23676.81,37485.4≥75,00098010.776077.682684.3Without health insurance (%) </td <td>Median household income (U.S. \$)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Median household income (U.S. \$)						
$40,000-53,999$ 2,18623.91,65675.81,86185.1 $54,000-74,999$ 1,60917.61,23676.81,37485.4 $\geq 75,000$ 98010.776077.682684.3Without health insurance (%) $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ <6 7578.359979.165786.8 $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ <	<40,000	4,389	47.9	3,198	72.9	3,631	82.7
54,000-74,9991,60917.61,23676.81,37485.4≥75,00098010.776077.682684.3Without health insurance (%) </td <td>40,000–53,999</td> <td>2,186</td> <td>23.9</td> <td>1,656</td> <td>75.8</td> <td>1,861</td> <td>85.1</td>	40,000–53,999	2,186	23.9	1,656	75.8	1,861	85.1
	54,000–74,999	1,609	17.6	1,236	76.8	1,374	85.4
Without health insurance (%)<6	≥75,000	980	10.7	760	77.6	826	84.3
<67578.359979.165786.8 $6.00-9.99$ 1,39615.21,08077.41,18885.1 $10.00-15.99$ 2,39126.11,85377.52,04085.3≥164,63050.53,32471.83,81682.4Subtotal ^b 9,5311007,10674.67,99083.8FemaleBelow federal poverty level (%)<7	Without health insurance (%)						
6.00-9.991,39615.21,08077.41,18885.1 $10.00-15.99$ 2,39126.11,85377.52,04085.3≥164,63050.53,32471.83,81682.4Subtotal ^b 9,5311007,10674.67,99083.8FemaleBelow federal poverty level (%)<7	<6	757	8.3	599	79.1	657	86.8
10.00-15.99 $2,391$ 26.1 $1,853$ 77.5 $2,040$ 85.3 ≥16 $4,630$ 50.5 $3,324$ 71.8 $3,816$ 82.4 Subtotal ^b $9,531$ 100 $7,106$ 74.6 $7,990$ 83.8 Female 7 327 9.9 273 83.5 300 91.7 $7.00-10.99$ 409 12.3 339 82.9 368 90.0 $11.00-18.99$ 898 27.1 689 76.7 784 87.3 ≥19 $1,681$ 50.7 $1,307$ 77.8 $1,450$ 86.3 Less than high school diploma (%) 277 8.4 227 81.9 247 89.2 $6.00-10.99$ 558 16.8 455 81.5 502 90.0 $11.00-17.99$ 901 27.2 716 79.5 793 88.0 ≥18 $1,579$ 47.6 $1,210$ 76.6 $1,360$ 86.1 Median household income (U.S. \$) 758 22.9 598 78.9 655 87.7	6.00–9.99	1,396	15.2	1,080	77.4	1,188	85.1
≥16 4,630 50.5 3,324 71.8 3,816 82.4 Subtotal ^b 9,531 100 7,106 74.6 7,990 83.8 Female Below federal poverty level (%) <7 327 9.9 273 83.5 300 91.7 7.00-10.99 409 12.3 339 82.9 368 90.0 11.00-18.99 898 27.1 689 76.7 784 87.3 ≥19 1,681 50.7 1,307 77.8 1,450 86.3 Less than high school diploma (%) <6 277 8.4 227 81.9 247 89.2 6.00-10.99 558 16.8 455 81.5 502 90.0 11.00-17.99 901 27.2 716 79.5 793 88.0 ≥18 1,579 47.6 1,210 76.6 1,360 86.1 Median household income (U.S. \$) <40,000 1,667 50.3 1,282 76.9 1,439 86.3 40,000 53,999 758 22.9 598 78.9 665 87.7	10.00–15.99	2,391	26.1	1,853	77.5	2,040	85.3
Subtotal9,5311007,10674.67,99083.8FemaleSecond StateBelow federal poverty level (%)<7	≥16	4,630	50.5	3,324	71.8	3,816	82.4
FemaleBelow federal poverty level (%)<7	Subtotal ^b	9,531	100	7,106	74.6	7,990	83.8
Below federal poverty level (%)<7	Female	·		·			
<73279.927383.530091.77.00-10.9940912.333982.936890.011.00-18.9989827.168976.778487.3≥191,68150.71,30777.81,45086.3Less than high school diploma (%)<6	Below federal poverty level (%)						
7.00-10.99 409 12.3 339 82.9 368 90.0 $11.00-18.99$ 898 27.1 689 76.7 784 87.3 ≥19 $1,681$ 50.7 $1,307$ 77.8 $1,450$ 86.3 Less than high school diploma (%) 84.4 227 81.9 247 89.2 <6	<7	327	99	273	83.5	300	91 7
11.00-18.9989827.168976.778487.3≥191,68150.71,30777.81,45086.3Less than high school diploma (%)<6	7 00–10 99	409	12.3	339	82.9	368	90.0
≥191,68150.71,30777.81,45086.3Less than high school diploma (%)2778.422781.924789.2 $6.00-10.99$ 55816.845581.550290.0 $11.00-17.99$ 90127.271679.579388.0≥181,57947.61,21076.61,36086.1Median household income (U.S. \$)1,66750.31,28276.91,43986.3 $40,000$ 1,66750.31,28276.91,43986.3 $40,000$ 1,66750.31,28276.91,43986.3 $40,000$ 1,66750.31,28276.91,43986.3 $40,000$ 1,66750.31,28276.91,43986.3 $40,000$ 1,66750.31,28276.91,43986.3 $40,000$ 1,66750.31,28276.91,43986.3 $40,000$ 1,66750.31,28276.91,43986.3	11.00–18.99	898	27.1	689	76.7	784	87.3
Less than high school diploma (%) 	≥19	1.681	50.7	1.307	77.8	1.450	86.3
<62778.422781.924789.2 $6.00-10.99$ 55816.845581.550290.0 $11.00-17.99$ 90127.271679.579388.0≥181,57947.61,21076.61,36086.1Median household income (U.S. \$)1,66750.31,28276.91,43986.3 $40,000$ 1,66750.31,28276.91,43986.3 $40,000-53,999$ 75822.959878.966587.7 420.000 74.000500750750700700	Less than high school diploma (%)	.,		.,		.,	
6.00-10.9955816.845581.550290.011.00-17.9990127.271679.579388.0≥181,57947.61,21076.61,36086.1Median household income (U.S. \$) $<40,000$ 1,66750.31,28276.91,43986.3<40,000	<6	277	8.4	227	81.9	247	89.2
11.00-17.9990127.271679.579388.0≥181,57947.61,21076.61,36086.1Median household income (U.S. \$)<40,000	6.00-10.99	558	16.8	455	81.5	502	90.0
≥18 1,579 47.6 1,210 76.6 1,360 86.1 Median household income (U.S. \$)	11.00–17.99	901	27.2	716	79.5	793	88.0
Median household income (U.S. \$) <40,000	≥18	1.579	47.6	1.210	76.6	1.360	86.1
<40,000 1,667 50.3 1,282 76.9 1,439 86.3 40,000–53,999 758 22.9 598 78.9 665 87.7 54,000 500 500 500 500 500 500 76.9 1,439 86.3	Median household income (U.S. \$)	,		, -		,	
40,000–53,999 758 22.9 598 78.9 665 87.7	<40.000	1.667	50.3	1.282	76.9	1.439	86.3
	40.000-53.999	758	22.9	598	78.9	665	87.7
54,000-74,999 569 17.2 460 80.8 503 88.4	54.000–74.999	569	17.2	460	80.8	503	88.4
≥75,000 320 9.7 267 83.4 294 91.9	≥75.000	320	9.7	267	83.4	294	91.9
Without health insurance (%)	Without health insurance (%)						
<6 268 8.1 232 86.6 246 91.8	<6	268	8.1	232	86.6	246	91.8
6.00-9.99 438 13.2 365 83.3 397 90.6	6.00–9.99	438	13.2	365	83.3	397	90.6
10.00–15.99 780 23.5 625 80.1 700 89.7	10.00–15.99	780	23.5	625	80.1	700	89.7
≥16 1,829 55.2 1,386 75.8 1.559 85.2	≥16	1,829	55.2	1,386	75.8	1,559	85.2
Subtotal ^b 3.408 100 2.681 78.7 2.983 87.5	Subtotal ^b	3,408	100	2.681	78.7	2,983	87.5
Total 12.939 100 9.787 75.6 10.973 84.8	Total	12,939	100	9.787	75.6	10,973	84.8

Table 10. Linkage to HIV medical care after HIV diagnosis during 2017, among adults, by race/ethnicity, sex, and selected social determinants of health—census tract level, 41 states and the District of Columbia

			≤1 m	nonth	≤3 m	onths
	То	otal	≥1 CD4 o	r VL tests	≥1 CD4 o	r VL tests
	No.	% ^a	No.	%	No.	%
			Hispanie	c/Latino ^c		
Male						
Below federal poverty level (%)						
<7	780	11.8	635	81.4	684	87.7
7.00–10.99	1,016	15.4	827	81.4	904	89.0
11.00–18.99	2,037	30.9	1,605	78.8	1,771	86.9
≥19	2,754	41.8	2,162	78.5	2,401	87.2
Less than high school diploma (%)						
<6	826	12.5	678	82.1	732	88.6
6.00–10.99	977	14.8	793	81.2	867	88.7
11.00–17.99	1.261	19.1	993	78.7	1.113	88.3
≥18	3.527	53.5	2.769	78.5	3.052	86.5
Median household income (U.S. \$)	- , -		,		-,	
<40.000	2 364	35.9	1 843	78.0	2 036	86 1
40,000–53,999	1.811	27.5	1,426	78.7	1,594	88.0
54,000-74,999	1,458	22.1	1,168	80.1	1.274	87.4
≥75.000	952	14.5	790	83.0	854	89.7
Without health insurance (%)						
	564	86	479	84 9	516	91.5
6 00-9 99	776	11.8	643	82.9	701	90.3
10 00-15 99	1 350	20.5	1 090	80.7	1 195	88.5
>16	3 897	59.2	3 017	77 4	3 348	85.9
Subtotal ^b	6.681	100	5.306	79.4	5.844	87.5
Female	-,		-,		- , -	
Below federal poverty level (%)						
	94	11 1	72	76.6	70	84.0
7 00-10 99	122	14.4	103	84.4	109	89.3
11 00-18 99	249	29.4	202	81.1	221	88.8
>19	383	45.2	301	78.6	340	88.8
l ess than high school dinloma (%)	000	10.2	001	10.0	010	00.0
	71	84	57	80.3	63	88 7
6 00-10 99	122	14.4	98	80.3	108	88.5
11 00–17 99	160	18.9	123	76.9	143	89.4
>18	495	58.4	400	80.8	435	87.9
Median household income (II S \$)	100	00.1	100	00.0	100	01.0
	326	38.4	261	80 1	290	89.0
40,000-53,999	253	29.8	198	78.3	200	87.7
54 000-74 999	162	19.1	131	80.9	146	90.1
>75 000	107	12.6	88	82.2	91	85.0
Without health insurance (%)	101	12.0		02.2	01	00.0
	66	78	56	84.8	57	86.4
6 00-9 99	103	12.1	78	75.7	91	88.3
10 00-15 99	175	20.6	147	84.0	164	93.7
≥16	504	59.4	397	78.8	437	86.7
Subtotal ^b	060	100	600	70.0	760	QQ /
	002	100	009	19.9 70 F	201	00.4
I OTAI	1,543	100	5,995	79.5	0,000	01.0

 Table 10. Linkage to HIV medical care after HIV diagnosis during 2017, among adults, by race/ethnicity, sex, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

			≤1 n	nonth	≤3 m	onths
	Т	otal	≥1 CD4 o	r VL tests	≥1 CD4 o	r VL tests
	No.	% ^a	No.	%	No.	%
			W	nite		
Male						
Below federal poverty level (%)						
<7	1,439	23.3	1,188	82.6	1,303	90.5
7.00–10.99	1,368	22.1	1,140	83.3	1,251	91.4
11.00–18.99	1,865	30.2	1,523	81.7	1,671	89.6
≥19	1,513	24.5	1,223	80.8	1,345	88.9
Less than high school diploma (%)						
<6	1,771	28.6	1,500	84.7	1,621	91.5
6.00–10.99	1,703	27.5	1,390	81.6	1,545	90.7
11.00–17.99	1.391	22.5	1.148	82.5	1.251	89.9
≥18	1.322	21.4	1.038	78.5	1,155	87.4
Median household income (U.S. \$)	.,		.,		.,	
<40.000	1.265	20.5	995	78.7	1.106	87.4
40.000-53.999	1.626	26.3	1.324	81.4	1.457	89.6
54.000-74.999	1.772	28.7	1,489	84.0	1.633	92.2
≥75.000	1.518	24.6	1,264	83.3	1.370	90.3
Without health insurance (%)	.,	20	.,_• .		.,	
	1.328	21.5	1 140	85.8	1 218	91 7
6 00-9 99	1,397	22.6	1 152	82.5	1 274	91.2
10 00-15 99	1 647	26.6	1 349	81.9	1,490	90.5
>16	1 815	20.0	1 435	79.1	1,400	87.6
Subtotal ^b	6 272	100	5 220	92.1	5 720	00.1
Subiolai	0,372	100	5,229	02.1	5,759	90.1
Permane						
Below rederal poverty level (%)	100	10.0	457	04.4	170	02.0
</td <td>100</td> <td>18.9</td> <td>157</td> <td>04.4 90.7</td> <td>173</td> <td>93.0</td>	100	18.9	157	04.4 90.7	173	93.0
7.00-10.99	197	20.0	109	00.7	100	91.4
11.00−10.99 >10	294	29.9	232	70.9	200	00.7
	306	31.1	230	75.2	257	84.0
Less than high school diploma (%)	455	45.0	400	00.0	110	04.0
	155	15.8	130	83.9	142	91.6
0.00-10.99	207	21.2	220	82.4 77.0	239	89.5
11.00-17.99	269	27.4	208	77.3	240	89.Z
218	292	29.7	220	75.3	244	83.0
Median household income (U.S. \$)				75 4	0.17	
<40,000	293	29.8	220	75.1	247	84.3
40,000–53,999	269	27.4	215	79.9	238	88.5
54,000–74,999	248	25.2	195	78.6	218	87.9
≥75,000	1/3	17.6	148	85.5	162	93.6
Without health insurance (%)						
<6	172	17.5	151	87.8	158	91.9
6.00–9.99	209	21.3	159	76.1	182	87.1
10.00–15.99	250	25.4	206	82.4	226	90.4
≥16	352	35.8	262	74.4	299	84.9
Subtotal ^b	1,008	100	798	79.2	887	88.0
Total	7.380	100	6.027	81.7	6,626	89.8

Table 10. Linkage to HIV medical care after HIV diagnosis during 2017, among adults, by race/ethnicity, sex, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

			· <1 m	anth	< 3 m	onthe
	Т	otal	>1 CD4 o	r VI tests	>1 CD4 o	r VI tests
	No.	% ^a	<u> </u>	%	<u>No.</u>	%
	-		Oth	ner ^d	-	
Male						
Below federal poverty level (%)						
<7	254	18.1	204	80.3	224	88.2
7.00–10.99	296	21.1	252	85.1	271	91.6
11.00–18.99	436	31.1	353	81.0	386	88.5
≥19	417	29.7	327	78.4	365	87.5
Less than high school diploma (%)						
<6	290	20.7	243	83.8	259	89.3
6.00–10.99	347	24.7	281	81.0	309	89.0
11.00–17.99	318	22.7	251	78.9	278	87.4
≥18	448	31.9	361	80.6	400	89.3
Median household income (U.S. \$)						
<40,000	325	23.2	253	77.8	283	87.1
40,000–53,999	319	22.7	259	81.2	290	90.9
54,000–74,999	400	28.5	326	81.5	354	88.5
≥75,000	359	25.6	298	83.0	319	88.9
Without health insurance (%)						
<6	267	19.0	223	83.5	239	89.5
6.00–9.99	281	20.0	228	81.1	247	87.9
10.00–15.99	348	24.8	283	81.3	309	88.8
≥16	507	36.1	402	79.3	451	89.0
Subtotal ^b	1,438	100	1,164	80.9	1,277	88.8
Female						
Below federal poverty level (%)						
<7	50	19.0	43	86.0	47	94.0
7.00–10.99	42	16.0	33	78.6	38	90.5
11.00–18.99	87	33.1	72	82.8	76	87.4
≥19	84	31.9	62	73.8	70	83.3
Less than high school diploma (%)						
<6	39	14.8	32	82.1	33	84.6
6.00–10.99	54	20.5	44	81.5	49	90.7
11.00–17.99	72	27.4	59	81.9	64	88.9
≥18	98	37.3	75	76.5	85	86.7
Median household income (U.S. \$)						
<40,000	76	28.9	52	68.4	61	80.3
40,000–53,999	66	25.1	57	86.4	62	93.9
54,000–74,999	67	25.5	59	88.1	62	92.5
≥75,000	54	20.5	42	//.8	46	85.2
Without health insurance (%)		40 7		0		<u> </u>
 0 0 00	36	13.7	28	۵.//	30	83.3
	6U	22.ŏ	50	03.3 02.1	57	90.U 97 7
10.00-10.99 >16	00 400	24.1 20.0	54 70	03.1 76 F	5/	0[.] 0[.)
	102	30.Ö	10	70.5	٥ <i>٢</i>	00.3
Subtotal	265	100	211	/9.6	233	87.9
Total	1,703	100	1,375	80.7	1,510	88.7

Table 10.	Linkage to HIV medical care after HIV diagnosis during 2017, among adults, by race/ethnicity, sex,	and	
	selected social determinants of health-census tract level, 41 states and the District of Columbia (cont)	

			≤1 m	onth	≤3 mo	onths
	Tc	otal	≥1 CD4 o	r VL tests	≥1 CD4 oi	r VL tests
	No.	% ^a	No.	%	No.	%
			То	tal		
Male						
Below federal poverty level (%)						
<7	3,511	15.0	2,824	80.4	3,085	87.9
7.00–10.99	3,825	16.4	3,100	81.0	3,410	89.2
11.00–18.99	6,901	29.6	5,400	78.2	5,975	86.6
≥19	9,111	39.0	6,971	76.5	7,806	85.7
Less than high school diploma (%)						
<6	4 011	17.2	3 258	81.2	3 560	88.8
6 00-10 99	4 823	20.6	3,822	79.2	4 225	87.6
11 00_17 99	5 / 98	23.5	1 335	78.8	1,220	87.0
>18	0,400	38.6	6 888	76.3	7,604	85.3
Adian hausshald income (II S (s)	5,025	50.0	0,000	70.5	7,050	00.0
(0.5. \$)	0.242	25.0	c 000	75 4	7.050	04.0
	8,343	30.0	0,289	75.4	7,000	04.0 07.5
40,000-53,999	5,942	25.5	4,665	/8.5	5,202	87.5
54,000-74,999	5,239	22.5	4,219	80.5	4,635	88.5
≥75,000	3,809	16.3	3,112	81.7	3,369	88.4
Without health insurance (%)						
<6	2,916	12.5	2,441	83.7	2,630	90.2
6.00–9.99	3,850	16.5	3,103	80.6	3,410	88.6
10.00–15.99	5,736	24.6	4,575	79.8	5,034	87.8
≥16	10,849	46.5	8,178	75.4	9,205	84.8
Subtotal ^b	24.022	100	18.805	78.3	20.850	86.8
Female	7 -		-,		-,	
Below federal poverty level (%)						
	657	12 1	5/15	83.0	500	Q1 2
7 00_10 99	770	1/ 2	63/	82.3	695	90.3
11 00-18 00	1 528	28.2	1 105	78.2	1 3 3 6	87 /
>10	2 454	20.2	1,135	70.2	2 117	96.3
≥ 10	2,404	45.4	1,900	11.4	2,117	00.5
Less than high school diploma (%)	E40	10.0	440	00.0	405	00 F
	542	10.0	440	02.3	480	09.0 00.7
0.00-10.99	1,001	10.0	017	01.0	898	89.7
11.00–17.99	1,402	25.9	1,106	78.9	1,240	88.4
≥18	2,464	45.6	1,905	11.3	2,124	86.2
Median household income (U.S. \$)						
<40,000	2,362	43.7	1,815	76.8	2,037	86.2
40,000–53,999	1,346	24.9	1,068	79.3	1,187	88.2
54,000–74,999	1,046	19.3	845	80.8	929	88.8
≥75,000	654	12.1	545	83.3	593	90.7
Without health insurance (%)						
<6	542	10.0	467	86.2	491	90.6
6.00–9.99	810	15.0	652	80.5	727	89.8
10.00–15.99	1,270	23.5	1.032	81.3	1,147	90.3
≥16	2.787	51.5	2.123	76.2	2.382	85.5
Subtotal ^b	5 543	100		79.0	4 865	87.8
Tatal	30 FEF	100	33 40A	79.4		07.0 07.0
IUlai	29,000	100	ZJ, 104	10.4	ZJ,/ IJ	01.0

Table 10.	Linkage to HIV medical care after HIV diagnosis during 2017, among adults, by race/ethnicity, sex, and	
	selected social determinants of health-census tract level, 41 states and the District of Columbia (cont)	ļ

Abbreviations: CD4, CD4+ T-lymphocyte count (cells/µL) or percentage; VL, viral load (copies/mL); SDH, social determinants of health [footnotes only].

Note. Data reflect the census tract of the person's residential address at the time they received an HIV diagnosis.

Linkage to HIV medical care was measured by documentation of \geq 1 CD4 or VL tests \leq 1 month or \leq 3 months after HIV diagnosis. See Technical Notes for the list of areas that met the criteria for complete laboratory reporting.

For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/ 2017_ACSSubjectDefinitions.pdf.

^a Represents percentage of the sum of each SDH subpopulation.
 ^b Because column subtotals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column subtotals. See Technical Notes for criteria used to define SDH subpopulations.

^C Hispanics/Latinos can be of any race.

^d Includes American Indian/Alaska Native, Asian, Native Hawaiian/other Pacific Islander, and multiple races.

			≤1 m	onth	≤3 m	onths
	То	otal	≥1 CD4 o	r VL tests	≥1 CD4 o	r VL tests
	No.	% ^a	No.	%	No.	%
			18-	-24		
Male						
Below federal poverty level (%)						
<7	728	13.6	562	77.2	628	86.3
7.00–10.99	775	14.5	608	78.5	679	87.6
11.00–18.99	1,515	28.3	1,138	75.1	1,272	84.0
≥19	2,333	43.6	1,701	72.9	1,966	84.3
Less than high school diploma (%)						
<6	826	15.4	639	77.4	723	87.5
6.00–10.99	1,103	20.6	823	74.6	929	84.2
11.00–17.99	1,324	24.7	997	75.3	1,128	85.2
≥18	2,101	39.2	1,552	73.9	1,768	84.2
Median household income (U.S. \$)						
<40,000	2,212	41.4	1,600	72.3	1,843	83.3
40,000–53,999	1,316	24.6	989	75.2	1,120	85.1
54,000–74,999	1,100	20.6	848	77.1	949	86.3
≥75,000	715	13.4	569	79.6	626	87.6
Without health insurance (%)						
<6	569	10.6	460	80.8	507	89.1
6.00–9.99	860	16.1	662	77.0	748	87.0
10.00–15.99	1,360	25.4	1,049	77.1	1,167	85.8
≥16	2,565	47.9	1,840	71.7	2,126	82.9
Subtotal ^b	5,522	100	4,133	74.8	4,688	84.9
Female						
Below federal poverty level (%)						
<7	84	11.7	69	82.1	78	92.9
7.00–10.99	86	12.0	74	86.0	79	91.9
11.00-18.99	192	26.7	140	72.9	163	84.9
≥19	356	49.6	265	74.4	299	84.0
Less than high school diploma (%)						
<6	80	11.1	67	83.8	72	90.0
6.00–10.99	117	16.3	90	76.9	105	89.7
11.00–17.99	164	22.8	130	79.3	146	89.0
≥18	357	49.7	261	73.1	296	82.9
Median household income (U.S. \$)						
<40.000	334	46.5	240	71.9	280	83.8
40,000–53,999	184	25.6	140	76.1	155	84.2
54,000–74,999	124	17.3	104	83.9	114	91.9
≥75,000	76	10.6	64	84.2	70	92.1
Without health insurance (%)						
<6	77	10.7	67	87.0	69	89.6
6.00–9.99	94	13.1	76	80.9	85	90.4
10.00–15.99	163	22.7	131	80.4	148	90.8
≥16	384	53.5	274	71.4	317	82.6
Subtotal ^b	735	100	562	76.5	634	86.3
Total	6,257	100	4,695	75	5,322	85.1

Table 11. Linkage to HIV medical care after HIV diagnosis during 2017, among adults, by age group, sex, and selected social determinants of health—census tract level, 41 states and the District of Columbia

			≤1 month		≤3 months	
	То	otal	≥1 CD4 o	r VL tests	≥1 CD4 o	r VL tests
	No.	% ^a	No.	%	No.	%
			25-	-34		
Male						
Below federal poverty level (%)						
<7	1,282	14.6	1,012	78.9	1,119	87.3
7.00–10.99	1,413	16.1	1,108	78.4	1,240	87.8
11.00–18.99	2,581	29.5	1,982	76.8	2,217	85.9
≥19	3,478	39.7	2,658	76.4	2,972	85.5
Less than high school diploma (%)						
<6	1,529	17.5	1,211	79.2	1,338	87.5
6.00–10.99	1,795	20.5	1,400	78.0	1,571	87.5
11.00–17.99	2,031	23.2	1,575	77.5	1,755	86.4
≥18	3,400	38.8	2,575	75.7	2,885	84.9
Median household income (U.S. \$)						
<40,000	3,175	36.3	2,379	74.9	2,674	84.2
40,000–53,999	2,219	25.4	1,711	77.1	1,928	86.9
54,000-74,999	1,957	22.4	1,563	79.9	1,725	88.1
≥75,000	1,400	16.0	1,104	78.9	1,218	87.0
Without health insurance (%)						
<6	1,024	11.7	841	82.1	919	89.7
6.00–9.99	1,399	16	1,107	79.1	1,220	87.2
10.00–15.99	2,148	24.5	1,669	77.7	1,857	86.5
≥16	4,183	47.8	3,143	75.1	3,552	84.9
Subtotal ^b	9.007	100	6.952	77.2	7,766	86.2
Female	0,001		0,002		.,	00.2
Bolow fodoral povorty loval (%)						
<7	160	11 3	130	82.2	1/0	88.2
7 00 10 00	217	11.5	160	77.0	193	84 3
11 00 18 00	/35	20.1	343	78.0	380	04.J 97./
>10	433	29.1 15.1	520	78.5	500	07.4 87.8
= 10	0/4	45.1	525	70.5	552	07.0
	140	10.0	102	82.6	120	88 6
	202	10.0	120	02.0 91.5	152	00.0 97.3
11 00 17 00	292	19.5	200	7/ 0	200	07.J 85.5
>18	599	20.7 /3.8	299	74.9	576	87 Q
= 10 Madian havesheld income (II S (*)	000	45.0	520	75.4	570	07.5
	650	12 6	511	70 /	571	07 G
	202	43.0	207	70.4 90.2	220	07.0
40,000-00,999	202	20.0	307	00.Z	330 94E	00.3
54,000-74,999 >75,000	209	19.5	120	00 7	240	04.0
$\geq 75,000$	17.1	11.4	130	00.7	150	07.7
without health insurance (%)	120	0.2	110	94.0	104	00.0
	109	9.0	110	04.9	124	09.2
0.00-9.99	220	14.7	1/4	19.1	109	00.9 00.7
10.00-10.99 >16	აა9 707	22.1 53.2	210	02.U 76 5	304 607	09.1 86 0
	191	00.0	010	70.5	007	00.2
Subtotal	1,529	100	1,203	/8./	1,333	87.2
Total	10,536	100	8,155	77.4	9,099	86.4

Table 11.	Linkage to HIV medical care after HIV diagnosis during 2017, among adults, by age group, sex, and
	selected social determinants of health-census tract level, 41 states and the District of Columbia (cont)

			≤1 month		≤3 months	
	То	otal	≥1 CD4 or VL tests		≥1 CD4 or VL tests	
	No.	% ^a	No.	%	No.	%
			35-	-44		
Male						
Below federal poverty level (%)						
<7	605	14.4	500	82.6	539	89.1
7.00–10.99	698	16.6	587	84.1	634	90.8
11.00–18.99	1,318	31.4	1,066	80.9	1,157	87.8
≥19	1,575	37.5	1,242	78.9	1,359	86.3
Less than high school diploma (%)						
<6	679	16.2	580	85.4	615	90.6
6.00–10.99	815	19.4	665	81.6	724	88.8
11.00–17.99	973	23.2	809	83.1	878	90.2
≥18	1,730	41.2	1,342	77.6	1,473	85.1
Median household income (U.S. \$)						
<40,000	1,376	32.8	1,060	77.0	1,162	84.4
40,000–53,999	1,147	27.3	945	82.4	1,031	89.9
54,000–74,999	995	23.7	817	82.1	888	89.2
≥75,000	676	16.1	571	84.5	606	89.6
Without health insurance (%)						
<6	513	12.2	440	85.8	467	91.0
6.00–9.99	694	16.5	583	84.0	635	91.5
10.00–15.99	990	23.6	824	83.2	889	89.8
≥16	1,999	47.6	1,548	77.4	1,698	84.9
Subtotal ^b	4,312	100	3,484	80.8	3,786	87.8
Female						
Below federal poverty level (%)						
<7	152	12.2	124	81.6	140	92.1
7 00–10 99	172	13.7	139	80.8	157	91.3
11.00–18.99	369	29.5	287	77.8	324	87.8
≥19	558	44.6	422	75.6	472	84.6
Less than high school diploma (%)						
<6	121	9.7	95	78.5	105	86.8
6.00–10.99	222	17.7	174	78.4	194	87.4
11.00–17.99	325	26.0	250	76.9	291	89.5
≥18	583	46.6	453	77.7	503	86.3
Median household income (U.S. \$)						
<40,000	550	44.0	415	75.5	468	85.1
40,000–53,999	320	25.6	253	79.1	283	88.4
54,000–74,999	232	18.5	182	78.4	205	88.4
≥75,000	149	11.9	122	81.9	137	91.9
Without health insurance (%)						
<6	115	9.2	100	87.0	106	92.2
6.00–9.99	186	14.9	141	75.8	165	88.7
10.00–15.99	279	22.3	221	79.2	249	89.2
≥16	671	53.6	510	76.0	573	85.4
Subtotal ^b	1,299	100	1,009	77.7	1,135	87.4
Total	5,611	100	4,493	80.1	4,921	87.7

Table 11.	Linkage to HIV medical care after HIV diagnosis during 2017, among adults, by age group, sex, and
	selected social determinants of health-census tract level, 41 states and the District of Columbia (cont

			≤1 month		≤3 months	
	То	otal	≥1 CD4 o	r VL tests	≥1 CD4 o	r VL tests
	No.	% ^a	No.	%	No.	%
			45-	-54		
Male						
Below federal poverty level (%)						
<7	533	17.2	446	83.7	474	88.9
7.00–10.99	610	19.7	521	85.4	557	91.3
11.00–18.99	923	29.8	764	82.8	825	89.4
≥19	1,033	33.3	805	77.9	893	86.4
Less than high school diploma (%)						
<6	600	19.3	509	84.8	541	90.2
6.00–10.99	673	21.7	567	84.2	605	89.9
11.00–17.99	713	23.0	585	82.0	640	89.8
≥18	1,116	36.0	878	78.7	966	86.6
Median household income (U.S. \$)						
<40,000	932	30.1	721	77.4	798	85.6
40,000–53,999	781	25.2	640	81.9	694	88.9
54,000–74,999	748	24.2	634	84.8	681	91.0
≥75,000	636	20.5	539	84.7	574	90.3
Without health insurance (%)						
<6	502	16.2	433	86.3	454	90.4
6.00–9.99	534	17.2	453	84.8	483	90.4
10.00–15.99	764	24.7	640	83.8	694	90.8
≥16	1,299	41.9	1,010	77.8	1,118	86.1
Subtotal ^b	3,185	100	2,604	81.8	2,823	88.6
Female						
Below federal poverty level (%)						
<7	124	11.8	102	82.3	112	90.3
7.00–10.99	162	15.4	137	84.6	151	93.2
11.00–18.99	301	28.6	243	80.7	271	90.0
≥19	467	44.3	367	78.6	404	86.5
Less than high school diploma (%)						
<6	96	9.1	81	84.4	87	90.6
6.00-10.99	200	19.0	168	84.0	190	95.0
11.00–17.99	288	27.3	245	85.1	262	91.0
≥18	470	44.6	355	75.5	399	84.9
Median household income (U.S. \$)						
<40,000	455	43.2	350	76.9	390	85.7
40,000-53,999	249	23.6	206	82.7	229	92.0
54,000–74,999	212	20.1	177	83.5	193	91.0
≥75,000	137	13.0	115	83.9	125	91.2
Without health insurance (%)						
<6	99	9.4	83	83.8	89	89.9
6.00–9.99	166	15.7	136	81.9	153	92.2
10.00–15.99	264	25.0	216	81.8	244	92.4
≥16	525	49.8	414	78.9	452	86.1
Subtotal ^b	1.075	100	868	80.7	958	89.1
Total	4.260	100	3,472	81.5	3,781	88.8

Table 11.	Linkage to HIV medical care after HIV diagnosis during 2017, among adults, by age group, sex, and
	selected social determinants of health-census tract level, 41 states and the District of Columbia (cont)

			≤1 month		≤3 months	
	То	otal	≥1 CD4 or VL tests		≥1 CD4 or VL tests	
	No.	% ^a	No.	%	No.	%
			2	55		
Male						
Below federal poverty level (%)						
<7	363	18.6	304	83.7	325	89.5
7.00–10.99	329	16.9	276	83.9	300	91.2
11.00–18.99	564	29.0	450	79.8	504	89.4
≥19	692	35.5	565	81.6	616	89.0
Less than high school diploma (%)						
<6	377	19.3	319	84.6	343	91.0
6.00–10.99	437	22.4	367	84.0	396	90.6
11.00–17.99	457	23.4	369	80.7	403	88.2
≥18	678	34.8	541	79.8	604	89.1
Median household income (U.S. \$)						
<40,000	648	33.3	529	81.6	579	89.4
40,000–53,999	479	24.6	380	79.3	429	89.6
54,000–74,999	439	22.5	357	81.3	392	89.3
≥75,000	382	19.6	329	86.1	345	90.3
Without health insurance (%)						
<6	308	15.8	267	86.7	283	91.9
6.00–9.99	363	18.6	298	82.1	324	89.3
10.00–15.99	474	24.3	393	82.9	427	90.1
≥16	803	41.2	637	79.3	711	88.5
Subtotal ^b	1,996	100	1,632	81.8	1,787	89.5
Female						
Below federal poverty level (%)						
<7	128	14.4	111	86.7	120	93.8
7.00–10.99	133	14.9	115	86.5	125	94.0
11.00–18.99	231	25.9	182	78.8	198	85.7
≥19	399	44.8	317	79.4	350	87.7
Less than high school diploma (%)						
<6	96	10.8	80	83.3	89	92.7
6.00–10.99	170	19.1	147	86.5	154	90.6
11.00–17.99	226	25.4	182	80.5	200	88.5
≥18	399	44.8	316	79.2	350	87.7
Median household income (U.S. \$)						
<40.000	371	41.6	299	80.6	328	88.4
40.000-53.999	210	23.6	162	77.1	182	86.7
54,000–74,999	189	21.2	158	83.6	172	91.0
≥75,000	121	13.6	106	87.6	111	91.7
Without health insurance (%)						
<6	112	12.6	99	88.4	103	92.0
6.00-9.99	144	16.2	125	86.8	135	93.8
10.00–15.99	225	25.3	186	82.7	202	89.8
≥16	410	46.0	315	76.8	353	86.1
Subtotal ^b	905	100	737	81.4	805	89.0
Total	2 901	100	2 360	81 7	2 592	89.3
	_ ,001		2,000	v	2,002	00.0

Table 11.	Linkage to HIV medical care after HIV diagnosis during 2017, among adults, by age group, sex, and	
	selected social determinants of health-census tract level, 41 states and the District of Columbia (con	nt)

Abbreviations: CD4, CD4+ T-lymphocyte count (cells/µL) or percentage; VL, viral load (copies/mL); SDH, social determinants of health [footnotes only].

Note. Data reflect the census tract of the person's residential address at the time they received an HIV diagnosis.

Linkage to HIV medical care was measured by documentation of \geq 1 CD4 or VL tests \leq 1 month or \leq 3 months after HIV diagnosis. See Technical Notes for the list of areas that met the criteria for complete laboratory reporting.

For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/ 2017_ACSSubjectDefinitions.pdf.

a Represents percentage of the sum of each SDH subpopulation.

b Because column subtotals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column subtotals. See Technical Notes for criteria used to define SDH subpopulations.

			≤1 m	≤1 month		onths
	То	tal	≥1 CD4 or VL tests		≥1 CD4 or	VL tests
	No.	% ^a	No.	%	No.	%
			sexual contac	t		
Male						
Below federal poverty level (%)						
<7	2,960	15.1	2,391	80.8	2,604	88.0
7.00–10.99	3,255	16.6	2,648	81.4	2,910	89.4
11.00–18.99	5,814	29.7	4,576	78.7	5,051	86.9
≥19	7,528	38.5	5,771	76.7	6,463	85.9
Less than high school diploma (%)	,		,			
<6	3.521	18.0	2.872	81.6	3,132	89.0
6 00–10 99	4 085	20.9	3 255	79.7	3 587	87.8
11 00-17 99	4 556	23.3	3 607	79.2	3,993	87.6
>18	7 404	37.8	5 659	76.4	6 324	85.4
Median household income (U.S. \$)	7,101	07.0	0,000	70.4	0,024	00.4
<40,000	6,836	35.0	5,160	75.5	5,793	84.7
40,000-53,999	4,986	25.5	3,932	78.9	4,373	87.7
54,000–74,999	4,463	22.8	3,622	81.1	3,962	88.8
≥75.000	3,259	16.7	2.663	81.7	2.887	88.6
Without health insurance (%)	-,		,		,	
<6	2,427	12.4	2.041	84.1	2,197	90.5
6 00-9 99	3 268	16.7	2 632	80.5	2 899	88.7
10 00-15 99	4 817	24.6	3 867	80.3	4 237	88.0
>16	9.048	46.3	6 848	75.7	7 698	85.1
Subtotal ^b	20,040 20,127	100	15 828	78.6	17 521	87.1
Female	20,127	100	15,020	70.0	17,521	07.1
Below federal poverty level (%)						
<7	_	_	_	_	_	_
7 00–10 99	_	_	_	_	_	_
11 00–18 99	_	_	_	_	_	_
>19	_	_	_	_	_	_
Less than high school dinloma (%)						
50 6 00_10 99						
11 00_17 99				_		
>18	_	_	_	_	_	_
Median household income (U.S. \$)						
<40.000	_	_	_	_	_	_
40 000-53 999	_	_	_	_	_	_
54 000-74 999	_	_	_	_	_	_
≥75 000	_	_	_	_	_	_
Without health insurance (%)						
	_	_	_	_	_	_
6 00_0 00				_		_
10 00_15 99	_	_	_		_	_
>16				_		_
	—	_	—	_	—	_
Subtotal		_				
Total	20.127	100	15,828	78.6	17.521	87.1

Table 12. Linkage to HIV medical care after HIV diagnosis during 2017, among adults, by transmission category, sex, and selected social determinants of health—census tract level, 41 states and the District of Columbia

			≤1 month		≤3 months	
	То	otal	≥1 CD4 or VL tests		≥1 CD4 or VL tests	
	No.	% ^a	No.	%	No.	%
			Injection	drug use		
Male						
Below federal poverty level (%)						
<7	107	14.0	84	79.0	92	86.3
7.00–10.99	102	13.4	80	77.6	89	86.5
11.00–18.99	215	28.2	157	72.9	177	82.3
≥19	339	44.4	260	76.7	285	84.1
Less than high school diploma (%)						
<6	98	12.9	75	76.0	81	82.3
6.00–10.99	131	17.2	97	73.9	113	86.3
11.00–17.99	191	25.0	144	75.3	158	82.5
≥18	344	44.9	266	77.4	292	85.0
Median household income (U.S. \$)						
<40.000	306	40 1	235	76.9	256	83.8
40 000-53 999	207	27.1	154	74.6	174	84.3
54 000-74 999	146	19.2	108	74 1	124	84.6
≥75 000	104	13.7	83	79.3	88	84.8
Without health insurance (%)		10.1		10.0		01.0
	110	14 5	83	75 5	91	82.4
50 6 00_9 99	144	18.9	115	79.7	123	85.0
10 00-15 99	202	26.5	158	78.1	177	87.7
>16	306	40.1	224	73.2	251	82.1
Subtotal ^b	786	100	594	75.6	659	83.9
Female	100	100	001	10.0	000	00.0
Below federal poverty level (%)						
<7	78	11 7	60	77 7	70	89.8
7 00–10 99	100	15.2	81	80.4	90	89.1
11 00-18 99	175	26.5	137	78.2	150	85.7
>19	307	46.5	232	75.4	258	83.9
Less than high school diploma (%)	001	10.0	202	10.1	200	00.0
<6	72	10.8	60	83.9	64	89.7
6.00–10.99	128	19.4	100	77.9	112	87.1
11.00–17.99	169	25.6	127	75.3	148	87.6
≥18	292	44.2	223	76.3	243	83.3
Median household income (U.S. \$)						
<40.000	286	43.2	217	76.0	241	84.4
40.000-53.999	155	23.5	119	76.8	133	85.8
54.000-74.999	137	20.7	105	77.1	118	86.5
≥75.000	83	12.6	69	82.2	75	89.9
Without health insurance (%)						
<6	88	13.3	72	82.3	81	91.6
6.00–9.99	121	18.4	90	73.9	105	86.5
10.00–15.99	171	25.8	136	80.0	148	86.5
≥16	281	42.5	211	75.3	234	83.4
Subtotal ^b	676	100	523	77 4	581	85.9
Total	1 /61	100	1 117	76 /	1 2/0	8/ 0
10101	1,101	100	1,117	10.7	1,270	04.0

 Table 12. Linkage to HIV medical care after HIV diagnosis during 2017, among adults, by transmission category, sex, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

			≤1 month		≤3 months	
	Te	otal	≥1 CD4 o	r VL tests	≥1 CD4 or VL tests	
	No.	% ^a	No.	%	No.	%
		Male-to-ma	ale sexual conta	act and inject	ion drug use	
Male						
Below federal poverty level (%)						
<7	158	17.9	124	78.7	141	88.9
7.00–10.99	165	18.7	134	80.8	150	90.7
11.00–18.99	263	29.8	193	73.6	221	84.3
≥19	296	33.5	217	73.5	241	81.3
Less than high school diploma (%)						
<6	170	19.3	137	80.4	154	90.4
6.00–10.99	214	24.3	163	76.1	186	86.9
11.00–17.99	203	23.0	161	79.4	178	88.0
≥18	295	33.4	208	70.5	234	79.4
Median household income (U.S. \$)						
<40,000	267	30.3	183	68.7	210	78.5
40,000–53,999	230	26.1	177	76.9	200	86.8
54,000–74,999	202	23.0	157	77.8	181	89.5
≥75,000	182	20.7	151	82.8	162	88.9
Without health insurance (%)						
<6	156	17.7	134	85.4	144	91.9
6.00-9.99	144	16.3	119	82.7	132	91.6
10.00–15.99	227	25.7	167	73.7	193	85.2
≥16	355	40.3	249	70.1	284	79.9
Subtotal ^D	911	100	686	75.3	774	85.0
Female						
Below federal poverty level (%)						
<7	_	_	_	_	_	_
7.00–10.99	—	—	—	—	—	—
11.00–18.99	_	—	_	_	_	—
≥19	_	—	_	_	_	—
Less than high school diploma (%)						
<6	_	_	_	_	_	—
6.00–10.99	—	—	—	—	—	—
11.00–17.99	—	—	—	—	—	_
≥18	_	_	_	_	_	—
Median household income (U.S. \$)						
<40,000	—	—	—	—	—	_
40,000–53,999	—	—	_	—	_	—
54,000–74,999	—	—	_	—	_	—
≥75,000	—	—	—	_	—	—
Without health insurance (%)						
<6	—	—	_	—	_	—
0.00-9.99	_	—	—	—	—	_
10.00-15.99	_	—	—	—	—	—
	_	—	—	—	—	—
Subtotal	—	—	—	—	—	_
Total	911	100	686	75.3	774	85.0

Table 12. Linkage to HIV medical care after HIV diagnosis during 2017, among adults, by transmission category, sex, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

			≤1 month		≤3 months					
	Тс	otal	≥1 CD4 o	r VL tests	≥1 CD4 or	· VL tests				
	No.	% ^a	No.	%	No.	%				
			Heterosexual contact ^c							
Male										
Below federal poverty level (%)										
<7	285	13.4	224	78.6	247	86.7				
7.00–10.99	299	14.1	236	78.9	259	86.5				
11.00–18.99	602	28.3	468	77.8	520	86.4				
≥19	938	44.2	715	76.2	809	86.2				
Less than high school diploma (%)										
<6	218	10.3	171	78.6	190	87.1				
6.00-10.99	388	18.3	304	78.2	335	86.1				
11.00–17.99	540	25.4	417	77.2	469	86.8				
≥18	977	46.0	750	76.8	841	86.1				
Median household income (U.S. \$)	••••				• • •					
	927	437	705	76 1	792	85 5				
40,000	513	24.2	397	77.4	450	87.6				
54 000-74 999	420	19.8	325	77.4	361	86.0				
>75 000	262	12.3	21/	81.6	230	87.8				
Without health incurance (%)	202	12.0	214	01.0	200	07.0				
	210	10.2	101	00 E	105	00.0				
	219	10.3	101	02.0 90.6	190	09.Z 07.0				
0.00-9.99	291	13.7	234	00.0 70.0	200	07.Z				
10.00-10.99	401	ZZ.1 52.2	570 0E1	70.Z	419	01.1				
≥l0 Subtotol ^b	1,132	00.0 100	1 670	73.Z 77.0	900	00.0				
Subiolal	2,170	100	1,079	11.2	1,077	00.2				
Polow fodoral povorty loval (%)										
Selow rederal poverty level (%)	576	10.0	401	02.6	FOG	01.4				
	5/0 665	12.2	401	00.0	520	91.4				
7.00-10.99	1 246	14.1	1 052	02.0	1 1 9 0	90.0 07 7				
11.00-10.99 >10	1,340	20.0	1,055	10.Z	1,100	01.1				
	2,137	45.Z	1,000	11.1	1,001	00.0				
Less than high school diploma (%)	407	0.0	000	00.0	440	00.4				
	467	9.9	383	82.0	418	89.4				
0.00-10.99	007	18.4	/ 13	0Z.Z	/ 82	90.Z				
11.00-17.99 >10	1,220	20.0	973	79.3	1,080	00.0 00.0				
	2,104	45.8	1,070	11.4	1,874	00.0				
Median household income (U.S. \$)	0.007	40.0	4 500	70.0	4 700	00 F				
<40,000	2,067	43.8	1,590	76.9	1,788	86.5				
40,000-53,999	1,187	25.1	945	79.7	1,050	88.5				
54,000-74,999	904	19.1	/35	81.3	806	89.1				
≥75,000	566	12.0	472	83.5	514	90.9				
Without health insurance (%)										
<6	449	9.5	391	87.1	407	90.6				
6.00-9.99	684	14.5	558	81.6	618	90.3				
10.00–15.99	1,096	23.2	893	81.4	997	90.9				
≥16	2,495	52.8	1,901	76.2	2,137	85.7				
Subtotal ^o	4,842	100	3,835	79.2	4,262	88.0				
Total	7,018	100	5,514	78.6	6,138	87.5				

Table 12. Linkage to HIV medical care after HIV diagnosis during 2017, among adults, by transmission category, sex, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

Abbreviations: CD4, CD4+ T-lymphocyte count (cells/µL) or percentage; VL, viral load (copies/mL); SDH, social determinants of health [footnotes only].

Note. Data reflect the census tract of the person's residential address at the time they received an HIV diagnosis.

Data have been statistically adjusted to account for missing transmission category.

Linkage to HIV medical care was measured by documentation of \geq 1 CD4 or VL tests \leq 1 month or \leq 3 months after HIV diagnosis. See Technical Notes for the list of areas that met the criteria for complete laboratory reporting.

For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/ 2017_ACSSubjectDefinitions.pdf.

^a Represents percentage of the sum of each SDH subpopulation.

Because column subtotals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column subtotals. See Technical Notes for criteria used to define SDH subpopulations.

 $^{\rm C}$ Heterosexual contact with a persons known to have, or to be at high risk for, HIV infection.

Table 13. Linkage to HIV medical care after HIV diagnosis during 2017, among male adults, with infection attributed to male-to-male sexual contact, by race/ethnicity and selected social determinants of health —census tract level, 41 states and the District of Columbia

			≤1 m	onth	≤3 m	onths
	То	otal	≥1 CD4 o	r VL tests	≥1 CD4 o	r VL tests
	No.	% ^a	No.	%	No.	%
			Black/Africa	an American		
Below federal poverty level (%)						
<7	831	11.3	637	76.7	700	84.2
7.00–10.99	927	12.6	713	76.9	800	86.3
11.00–18.99	2,074	28.2	1,553	74.9	1,736	83.7
≥19	3,520	47.9	2,586	73.5	2,940	83.5
Less than high school diploma (%)						
<6	960	13.1	715	74.5	814	84.7
6.00-10.99	1,495	20.3	1.132	75.7	1.257	84.1
11 00–17 99	2 037	27.7	1,559	76.6	1,238	85.3
>18	2,863	38.9	2 085	72.8	2,370	82.8
Median household income (II S \$)	2,000	00.0	2,000	72.0	2,010	02.0
	3 /70	173	2 526	72.8	2 87/	82.8
40,000 40,000 52,000	1 707	47.5	2,520	72.0	2,074	02.0
40,000-55,999	1,707	24.J	1,049	75.5	1,010	04.0
54,000-74,999 >75,000	1,299	11.1	1,003	11.Z	1,115	00.0
275,000	181	10.7	607	11.1	600	84.5
Without health insurance (%)						
<6	5/8	7.9	455	/8./	503	87.0
6.00-9.99	1,145	15.6	884	77.2	977	85.3
10.00–15.99	1,959	26.6	1,522	77.7	1,677	85.6
≥16	3,671	49.9	2,629	71.6	3,022	82.3
Total ^b	7,655	100	5,705	74.5	6,426	83.9
			Hispanio	c/Latino ^c		
Below federal poverty level (%)						
<7	693	11.9	566	81.7	607	87.6
7.00–10.99	909	15.6	742	81.7	811	89.2
11.00–18.99	1,804	31.0	1,431	79.3	1,578	87.5
≥19	2,409	41.4	1,886	78.3	2,100	87.2
Less than high school diploma (%)						
<6	755	13.0	622	82.3	671	88.8
6.00–10.99	856	14.7	696	81.3	760	88.8
11.00–17.99	1.111	19.1	888	79.9	989	89.0
≥18	3.097	53.2	2.423	78.2	2.681	86.6
Median household income (U.S. \$)	-,:		_,		_,	
	2 062	35.5	1 601	77.6	1 777	86.2
40 000-53 999	1 596	27.4	1 265	79.3	1 4 1 0	88.4
54 000-74 000	1,000	27.4	1,200	80.6	1 1 2 8	87.6
>75 000	959	1/ 8	711	82.0	770	80.8
= 10,000	000	14.0	711	02.5	110	03.0
without health insurance (%)	400	0.4	445	05.4	440	02.0
	400	0.4	415	00.1	449	92.0
0.00-9.99	601	11.7	505	82.9 00.0	010	90.4
10.00-15.99	1,196	20.6	968	80.9	1,057	88.4
≥10 _	3,451	59.3	2,678	11.6	2,975	86.2
Total ^o	5,891	100	4,691	79.6	5,166	87.7

Table 13. Linkage to HIV medical care after HIV diagnosis during 2017, among male adults with infection attributed to male-to-male sexual contact, by race/ethnicity and selected social determinants of health —census tract level, 41 states and the District of Columbia *(cont)*

			≤1 m	nonth	≤3 m	onths
	То	otal	≥1 CD4 o	r VL tests	≥1 CD4 o	r VL tests
	No.	% ^a	No.	%	No.	%
			Wł	nite		
Below federal poverty level (%)						
<7	1,209	23.5	1,006	83.2	1,098	90.8
7.00–10.99	1,156	22.4	965	83.5	1,056	91.4
11.00–18.99	1,548	30.0	1,276	82.4	1,393	89.9
≥19	1,240	24.1	1,019	82.2	1,110	89.5
Less than high school diploma (%)						
<6	1.539	29.9	1.312	85.2	1.410	91.6
6.00-10.99	1.424	27.6	1,175	82.5	1,295	91.0
11 00–17 99	1 140	22.1	947	83.0	1 031	90.5
≥18	1 051	20.4	835	79.4	923	87.8
Median household income (U.S. \$)	1,001	20.1	000	10.1	020	01.0
	1 022	19.9	815	79 7	898	87 9
40,000 40,000-53,000	1,022	25.0	1 101	82.5	1 203	07.0
54 000 74 000	1,004	20.3	1,101	02.J 94.7	1,203	02.4
54,000-74,999 >75,000	1,009	29.5	1,270	04.1	1,594	92.4
\geq 75,000	1,204	24.9	1,071	03.4	1,109	90.5
without health insurance (%)	1 100	017	070	00.0	1 000	01.0
	1,120	21.7	970	80.0	1,029	91.9
6.00-9.99	1,191	23.1	981	82.4	1,087	91.3
10.00–15.99	1,361	26.4	1,129	83.0	1,236	90.8
≥16	1,482	28.8	1,187	80.1	1,307	88.2
Total ^D	5,315	100	4,405	82.9	4,808	90.4
			Oth	ner ^d		
Below federal poverty level (%)						
<7	227	18.3	181	79.8	198	87.6
7.00–10.99	264	21.3	228	86.4	242	91.8
11.00–18.99	387	31.3	315	81.4	344	88.8
≥19	359	29.0	281	78.2	313	87.1
Less than high school diploma (%)						
<6	266	21.5	223	83.9	237	89.3
6.00-10.99	310	25.1	252	81.3	275	88.6
11.00–17.99	268	21.7	213	79.5	235	87.5
≥18	393	31.7	316	80.6	350	89.3
Median household income (U.S. \$)						
<40 000	281	22.7	219	78 1	244	86.8
40 000-53 999	269	21.8	217	80.6	244	90.8
54 000-74 999	357	28.8	20/	82.5	316	88.7
>75 000	330	26.0	254	83.1	203	88.7
Without health incurance (%)	000	20.1	214	00.1	255	00.7
	2/1	10.5	200	83.0	216	80.7
	24 I 951	20.2	200	80 <i>/</i>	210	87 F
	201	20.3	202	00.4 00.0	220	07.0
10.00-10.99 >16	JUI 442	24.4	240	02.2 80.0	200	00.0 00.0
	440	30.9	300	00.0	394	00.9
l otal"	1,266	100	1,028	81.2	1,122	88.7

Table 13. Linkage to HIV medical care after HIV diagnosis during 2017, among male adults with infection attributed to male-to-male sexual contact, by race/ethnicity and selected social determinants of health —census tract level, 41 states and the District of Columbia (cont)

			≤1 m	onth	≤3 mo	onths
	Το	tal	≥1 CD4 or	· VL tests	≥1 CD4 oi	· VL tests
	No.	% ^a	No.	%	No.	%
			Tot	tal		
Below federal poverty level (%)						
<7	2,960	15.1	2,391	80.8	2,604	88.0
7.00–10.99	3,255	16.6	2,648	81.4	2,910	89.4
11.00–18.99	5,814	29.7	4,576	78.7	5,051	86.9
≥19	7,528	38.5	5,771	76.7	6,463	85.9
Less than high school diploma (%)						
<6	3,521	18.0	2,872	81.6	3,132	89.0
6.00–10.99	4,085	20.9	3,255	79.7	3,587	87.8
11.00–17.99	4,556	23.3	3,607	79.2	3,993	87.6
≥18	7,404	37.8	5,659	76.4	6,324	85.4
Median household income (U.S. \$)						
<40,000	6,836	35.0	5,160	75.5	5,793	84.7
40,000–53,999	4,986	25.5	3,932	78.9	4,373	87.7
54,000–74,999	4,463	22.8	3,622	81.1	3,962	88.8
≥75,000	3,259	16.7	2,663	81.7	2,887	88.6
Without health insurance (%)						
<6	2,427	12.4	2,041	84.1	2,197	90.5
6.00–9.99	3,268	16.7	2,632	80.5	2,899	88.7
10.00–15.99	4,817	24.6	3,867	80.3	4,237	88.0
≥16	9,048	46.3	6,848	75.7	7,698	85.1
Total ^b	20,127	100	15,828	78.6	17,521	87.1

Abbreviations: CD4, CD4+ T-lymphocyte count (cells/µL) or percentage; VL, viral load (copies/mL); SDH, social determinants of health [footnotes only].

Note. Data reflect the census tract of the person's residential address at the time they received an HIV diagnosis.

Data have been statistically adjusted to account for missing transmission category.

Linkage to HIV medical care was measured by documentation of \geq 1 CD4 or VL tests \leq 1 month or \leq 3 months after HIV diagnosis. See Technical Notes for the list of areas that met the criteria for complete laboratory reporting.

For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/ 2017_ACSSubjectDefinitions.pdf.

^a Represents percentage of the sum of each SDH subpopulation.

^b Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column totals. See Technical Notes for criteria used to define SDH subpopulations.

^C Hispanics/Latinos can be of any race.

^d Includes American Indian/Alaska Native, Asian, Native Hawaiian/other Pacific Islander, and multiple races.

Below federal poverty level (%) <7 7.00-10.99 11.00-18.99 ≥19 %^a %^a **%**a Area of residence No. No. %^a No. No. Male 323.368 18.1 318.349 17.8 627.512 35.1 518.251 29.0 Alabama Alaska 132,358 45.6 90,107 31.0 48,183 16.6 19,763 6.8 651,496 536,930 624,564 28.9 Arizona 25.5 21.0 24.5 738,684 Arkansas 133,397 12.1 208,956 19.0 424,215 38.5 333,863 30.3 California 3,928,150 26.8 3,281,859 22.4 4,200,142 3.220.109 22.0 28.7 23.2 Colorado 810,302 39.0 482,753 505,072 24.3 278,771 13.4 241,216 194,779 12.4 Connecticut 757,140 55.6 17.7 14.3 168,385 127,159 36.0 100,801 28.5 88,656 25.1 36,714 10.4 Delaware 49.065 50,722 77,640 29.9 District of Columbia 18.9 19.5 82.134 31.6 Florida 1,729,149 22.2 1,788,940 22.9 2,549,787 32.7 1,734,401 22.2 Georgia 806,130 21.8 726,417 19.7 1,191,461 32.3 967,158 26.2 241,906 148,579 118,242 Hawaii 43.6 26.8 21.3 46,189 8.3 79,522 216,804 Idaho 13.1 212,460 34.9 35.7 99,270 16.3 1,103,734 Illinois 1,715,478 35.7 23.0 1,168,004 24.3 815,486 17.0 757,345 30.9 593,806 24.3 607,130 24.8 489,551 20.0 Indiana 398,504 lowa 33.9 343,420 29.2 280,020 23.8 153,115 13.0 260.982 Kansas 377,496 35.0 24.2 268,452 24.9 171,971 15.9 296,027 308,224 474,534 Kentucky 17.9 18.6 28.7 575,182 34.8 Louisiana 238,841 13.9 292,412 17.1 586,798 34.3 594,338 34.7 141,944 65,640 118,093 193,490 12.6 Maine 27.3 22.7 37.3 Maryland 1,141,468 51.8 526,031 23.9 341,041 15.5 195,057 8.9 Massachusetts 1,274,790 49.3 466,029 18.0 477,086 18.5 367,517 14.2 Michigan 1,140,559 30.6 809,682 21.7 974,757 26.1 804,188 21.6 46.2 540,080 26.1 363,748 211,142 10.2 Minnesota 956,571 17.6 Mississippi 157,572 109,315 353,902 457,001 42.4 10.1 14.6 32.8 Missouri 602,335 26.5 501,625 22.1 704,407 31.0 461,749 20.3 Montana 82,767 20.6 103,073 25.7 136,697 34.1 78,446 19.6 211,741 Nebraska 238,881 34.2 30.3 157,331 22.5 90,411 12.9 322,040 228,204 29.1 269,096 24.3 288,286 26.0 20.6 Nevada New Hampshire 301,502 57.5 120,177 22.9 70,655 13.5 32,013 6.1 1,766,471 643,473 536,727 392.182 New Jersey 52.9 19.3 16.1 11.7 121,914 New Mexico 91,808 11.8 15.7 262,871 33.8 301,877 38.8 New York 2,407,787 32.4 1,583,804 1,730,577 1,708,813 23.0 21.3 23.3 North Carolina 765,665 20.6 818,019 22.0 1,285,048 34.6 847,906 22.8 North Dakota 91,055 69,838 33,853 100,074 33.9 30.9 23.7 11.5 Ohio 1,481,723 34.2 903,537 20.8 1,067,672 24.6 884,981 20.4 Oklahoma 299,579 20.8 275,402 19.1 517,970 35.9 348,364 24.2 363,408 Oregon 281,967 18.2 23.4 599,305 38.6 306,162 19.7 Pennsylvania 1.969.223 40.4 1,152,399 23.6 959,800 19.7 796,443 16.3 Puerto Rico 1,832 0.1 13,031 1.0 68,986 5.4 1,192,671 93.4 165,748 40.9 77,414 19.1 Rhode Island 75,450 18.6 86,148 21.3 26.1 South Carolina 384,815 21.3 351,488 19.4 601,679 33.2 472,803 South Dakota 100.366 31.1 81.698 25.4 89,575 27.8 50.564 15.7 508.391 20.8 505.544 20.7 798.095 32.6 634.175 25.9 Tennessee Texas 2,843,408 28.7 ,954,193 19.7 2,753,029 27.8 2,349,391 23.7 129,944 12.5 Utah 428,626 41.4 253,118 24.4 223,955 21.6 31.3 Vermont 76,990 75,971 30.8 66,386 27.0 26,958 10.9 Virginia 1,359,029 43.2 731,723 23.2 691,199 22.0 366,102 11.6 Washington 875,345 31.8 744,785 27.0 775,390 28.2 358,915 13.0 West Virginia 147,141 20.6 294,771 204,227 68,455 9.6 41.3 28.6 825,039 623,669 484,613 268,259 Wisconsin 37.5 28.3 22.0 12.2 71,890 31.7 72,367 32.0 62,166 27.5 20,004 8.8 Wyoming Total^a 26,497,055 25,810,951 21.3 36,739,236 30.3 21.8 32,334,955 26.6

Table S1. Adults living below federal poverty level, by sex and area of residence, 2013–2017 5-year ACS estimates—census tract level, United States and Puerto Rico

				Be	low federal poverty level ((%)		
	<7		7.00–1	0.99	11.00–1	8.99	≥19	
Area of residence	No.	% ^b	No.	% ^b	No.	% ^b	No.	% ^b
	0.17.000	47.7	000.450	17.0	Female		500.040	00.4
Alabama	347,299	1/./	339,150	17.3	683,382	34.9	590,046	30.1
Alaska	117,892	45.0	85,462	32.6	41,402	15.8	17,152	6.5
Arizona	695,413	26.5	569,798	21.7	631,629	24.0	/29,55/	27.8
Arkansas	139,732	11.9	219,557	18.7	449,128	38.3	363,378	31.0
California	4,106,294	27.1	3,435,536	22.7	4,311,/4/	28.5	3,294,708	21.7
Colorado	834,050	39.9	488,602	23.4	497,501	23.8	271,514	13.0
Connecticut	803,985	54.8	264,901	18.0	212,646	14.5	186,696	12.7
Delaware	136,026	35.2	107,539	27.8	101,186	26.2	41,598	10.8
District of Columbia	52,231	1/./	55,866	19.0	89,736	30.4	96,939	32.9
Florida	1,868,883	22.4	1,933,861	23.2	2,724,352	32.6	1,823,791	21.8
Georgia	858,009	21.4	794,284	19.8	1,299,767	32.4	1,053,780	26.3
Hawaii	239,861	43.0	147,251	26.4	125,610	22.5	45,244	8.1
Idaho	82,651	13.4	211,987	34.5	221,632	36.1	98,438	16.0
Illinois	1,819,265	35.7	1,163,636	22.9	1,213,743	23.8	895,708	17.6
Indiana	791,550	30.6	605,940	23.5	654,896	25.4	530,286	20.5
lowa	411,616	33.9	354,501	29.2	298,140	24.6	150,082	12.4
Kansas	393,034	35.5	265,818	24.0	273,372	24.7	174,421	15.8
Kentucky	312,203	17.8	323,612	18.5	500,383	28.5	616,460	35.2
Louisiana	253,556	13.8	310,820	16.9	614,563	33.5	657,328	35.8
Maine	152,096	27.4	125,903	22.7	207,089	37.4	69,076	12.5
Maryland	1,242,556	51.2	577,027	23.8	381,566	15.7	227,210	9.4
Massachusetts	1,378,738	48.9	512,468	18.2	526,962	18.7	399,291	14.2
Michigan	1,195,528	30.2	850,629	21.5	1,032,734	26.1	880,652	22.2
Minnesota	981,175	46.1	557,109	26.2	381,386	17.9	209,377	9.8
Mississippi	118,534	10.0	169,463	14.3	380,726	32.2	513,311	43.4
Missouri	641,038	26.5	521,215	21.6	745,056	30.8	508,466	21.0
Montana	83,598	20.8	104,824	26.1	135,258	33.6	78,462	19.5
Nebraska	247,452	34.5	218,106	30.4	162,311	22.6	90,262	12.6
Nevada	339,484	30.6	269.894	24.3	283.665	25.6	217.043	19.6
New Hampshire	311,700	57.3	124,720	22.9	76,112	14.0	31,112	5.7
New Jersev	1.912.986	53.0	693,962	19.2	575.238	15.9	426.551	11.8
New Mexico	92.717	11.5	126.900	15.7	276.100	34.1	312.914	38.7
New York	2.620.183	32.2	1.705.333	21.0	1.862.486	22.9	1.941.571	23.9
North Carolina	821,986	20.4	876.600	21.7	1.387.485	34.4	946.985	23.5
North Dakota	95,014	33.9	87,555	31.2	67,280	24.0	30,436	10.9
Ohio	1.549.875	33.4	961,649	20.7	1.153.242	24.8	976.061	21.0
Oklahoma	314 820	21.0	288.057	19.2	535 789	35.8	359 995	24.0
Oregon	298 729	18.6	379 551	23.6	625 153	38.8	306 596	19.0
Pennsylvania	2 072 531	39.7	1 199 193	23.0	1 036 703	19.9	909 559	17.4
Puerto Rico	2,072,001	0.2	14 771	1.0	80 547	5.5	1 361 162	03.3
Rhode Island	178 789	40.6	83 682	19.0	85 162	19.3	93 163	21.1
South Carolina	416 142	21.0	374 662	18.9	654 840	33.1	531 925	26.9
South Dakota	100,073	31.0	82 3//	25.6	90 271	28.0	/9 592	15 /
Tonnossoo	551 811	20.0	5/8 705	20.0	846.036	20.0	608 637	26.4
Termessee	2 003 611	20.3	2 010 708	10.7	2 827 /06	27.6	2 418 462	20.4
litah	/32 8/2	2J.Z	2,013,190	2/ 8	2,027,490	21.0	172 0/0	11 0
Vermont	402,040 81 202	31.4	209,400	24.0	220,302	21.9	28,549	10.9
Virginio	1 410 420	J1.4	70,020	00.0	740,600	21.2	20,100	10.9
Vilgillid Washington	1,419,430	42.0 20.4	7/0,115	23.3	742,003	22.3	393,005	10.0
West Virginia	090,030	32.1	/0/,193	21.4	/01,210	21.9	303,/18	12.0
west virginia	68,488	9.2	153,866	20.6	306,759	41.2	216,267	29.0
vvisconsin	840,378	37.1	637,982	28.1	499,434	22.0	288,812	12.7
vvyoming	70,060	32.1	69,323	31./	60,723	27.8	18,309	8.4
Total	38,787,750	30.2	27,894,949	21.7	34,050,951	26.5	27,650,067	21.5

Table S1. Adults living below federal poverty level, by sex and area of residence, 2013–2017 5-year ACS estimates—census tract level, United States and Puerto Rico (cont)

Table S1. Adults living below federal poverty level, by sex and area of residence, 2013–2017 5-year ACS estimates—census tract level, United States and Puerto Rico (cont)

7.00-10.99 11.00-18.99 ≥19 Area of residence No. % ^c % ^d No. % ^c % ^d Alabama 670.667 17.9 0.9 657.499 17.5 1.2 1.310.894 350. 2.0 1.108.297 29.6 2.1 Alaska 250.250 45.3 0.3 175.569 31.8 0.8 8585 16.2 0.1 3.89.15 6.7 0.1 3.89.955 16.2 0.1 3.89.15 6.7 0.1 3.89.15 6.7 0.1 3.89.15 6.7 0.1 3.89.15 6.7 0.1 3.89.15 1.2 0.1 3.89.15 6.7 0.1 3.89.15 0.6 0.1 3.89.15 0.6 0.1 3.89.15 0.6 0.1 0.1 0.1 0.1 0.1 0.6 0.7 0.39 407.425 1.4 0.6 5.5 0.2 0.7 1.8 1.0 0.6 0.1 1.2 0.6 0.7						Bel	ow federal	poverty level ((%)				
Area of residence No. % ^c % ^d No. % ^c % ^d No. % ^c % ^d Alabama 670,667 17.9 0.9 667,499 17.5 12 1,310,894 35.0 2.0 1,108,297 29.6 2.1 Alaska 250,250 45.3 0.3 175,569 31.8 0.3 89,855 16.2 0.1 36,915 6.7 0.1 Arcanas 273,129 120 0.4 428,513 18.9 0.8 673,433 34.4 1.3 697,241 20.7 1.3 Colorado 1,644,352 39.4 2.2 971,355 22.6 12.3 8.511,899 28.6 12.8 6514,817 21.9 1.2 0.0 1.2 0.0 1.7 9.9 407,425 1.4.4 0.6 355,081 12.2 0.6 0.1 1.2 0.0 1.74,579 31.5 0.3 1.0 0.3 1.74,579 31.5 0.3 0.4 3.94,33			<7		7	.00–10.99)	11	.00–18.	99		≥19	
Total Total Alabama 670,667 17.9 0.9 657,499 17.5 1.2 1,310,894 35.0 2.0 1,108,297 29.6 2.1 Aracona 1,346,909 26.0 1.8 1,106,728 21.4 2.0 1,226,193 24.3 1.9 1,468,241 28.4 2.7 Aratanas 273,129 12.0 0.4 428,513 18.9 0.8 873,343 38.4 1.3 697,241 30.7 1.3 Colorado 1,644,352 39.4 2.2 971,355 23.3 1.8 1.002,573 24.1 1.5 550,285 1.2 0.7 Delavare 263,185 35.6 0.3 208,340 28.2 0.4 189,422 25.7 0.3 773,312 1.0.6 0.1 Delavare 263,185 35.6 0.3 208,340 28.2 0.2 171,470 31.0 0.3 773,312 1.0.6 0.6 0.3 979,793 3.5	Area of residence	No.	% ^c	% ^d	No.	% ^c	% ^d	No.	% ^c	% ^d	No.	% ^c	% ^d
Abbama 670,667 17.9 0.9 667,499 17.5 1.2 1.310,894 350 2.0 1.00,297 29.6 2.1 Akaska 200,200 45.3 0.3 175,569 31.8 0.3 89.85 16.2 0.1 36.915 6.7 0.1 Arkansas 273,129 12.0 0.4 428,513 18.9 0.8 873,343 384 1.3 697,241 30.7 1.3 California 6.034,444 27.0 0.6 6,177,395 2.2 1.23 8,511,889 28.6 1.44,817 21.9 1.2 2.0 1.4 1.6 550,285 1.3.2 1.0 0.7 1.2 2.0 0.7 1.16 0.3 174,7479 31.0 0.3 174,7479 31.0 0.3 174,7479 31.0 0.3 174,7479 31.0 0.3 174,7479 31.0 0.3 174,7479 31.0 0.3 174,7479 31.5 0.3 0.3 0.3 0.3	-						To	tal					
Alaska 250,250 45.3 0.3 175,569 31.8 0.3 99,585 162 0.1 -36,915 6.7 0.1 Arizona 1,346,909 26.0 1.8 1,067,282 21.4 2.0 1,266,193 24.3 1.9 1,468,241 28.4 2.7 Arkanasa 2.7 Arkanasa 2.7 Arkanasa 2.7 Arkanasa 2.8 1.2.8 8,511,889 24.6 1.2.8 6.514,817 2.1.9 1.2.9 1.2.5 0.7 1.9 0.9 407,425 24.1 1.5 55.028 1.0 0.1 0.1 1.5 55.028 1.0 0.1 0.1 1.5 55.028 1.1 0.0 1.1 1.7.9 0.9 407,425 2.1 0.3 7.9 3.558,192 2.0 0.7 1.7 0.3 7.8,112 1.0.6 0.1 0.1 0.3 1.1.5 0.3 0.8,444 3.47 0.3 0.6 2.527 1.9 0.19,19,33 8.2 0.2.0	Alabama	670,667	17.9	0.9	657,499	17.5	1.2	1,310,894	35.0	2.0	1,108,297	29.6	2.1
Arizona 1.346 909 26.0 1.8 1.105 728 21.4 2.0 1.256 133 24.3 1.9 1.468 241 28.4 2.7 Arkansas 273,129 12.0 0.4 428,513 18.9 0.8 873,343 38.4 1.3 697,241 30.7 1.3 California 8.034,444 27.0 10.6 6,717,395 22.6 12.3 8,511,889 28.6 1.28 6,514,817 21.9 12.2 0.7 1.5 55.2 2.5 0.7 0.3 78,312 1.0.6 0.1 District of Columbia 101266 18.3 0.1 106,868 19.2 0.2 171,870 31.0 0.3 174,579 31.5 0.3 Florida 3.598,032 22.2 1.80 0.6 0.5 243,852 21.9 0.4 91,433 82.0 2.0 6.7 1.436 8.2 0.20 1.7 1.73 3.20 4.4447 34.7 0.8 438,43 3.69 0.7 197,08 1.6 2.0 1.1 1.5 1.6 0.4 91,433	Alaska	250,250	45.3	0.3	175,569	31.8	0.3	89,585	16.2	0.1	36,915	6.7	0.1
Arkansas 273 129 12.0 0.4 428 F13 18.9 0.8 873 343 1.3 607 241 30.7 1.3 California 8.034,444 27.0 10.6 6,717,395 22.6 12.3 8,511,899 28.6 12.8 6,514,817 21.9 12.2 Colorado 1.644,325 35.4 2.2 971,355 23.1 18.1 1002,573 24.1 1.5 550,6025 13.2 1.0 Delaware 263,155 35.6 0.3 203,440 28.2 0.4 149,842 25.7 0.3 77.812 10.6 0.1 District of Columbia 1012,96 18.3 0.1 105,888 19.2 0.2 171,870 31.0 0.3 174,579 31.5 0.3 Fordia 3.58,122 2.0 6.7 Georgia 1.664,139 21.6 2.2 1.50,701 19.8 2.8 2.491,228 32.4 3.8 2.0 1.66,211,91 1.01,91,833 8.2 0.2 1.66,20,31 3.8 1.02 0.4 1.01,91,101,91,937 2.0 0.2<	Arizona	1.346.909	26.0	1.8	1.106.728	21.4	2.0	1.256.193	24.3	1.9	1.468.241	28.4	2.7
California 8.034/444 27.0 10.6 6,717/295 22.6 12.3 8,511/89 28.6 12.8 6,514/817 21.9 12.2 Colorado 1,644,352 39.4 2.2 971,355 23.3 1.8 1,002,573 24.1 1.5 550,285 13.2 1.0 Connecticut 1,561,125 55.2 2.1 506,117 17,9 0.9 407/425 14.4 0.6 355,081 12.5 0.7 10.5 Delaware 263,185 35.6 0.3 208,340 28.2 0.4 189,842 25.7 0.3 78,312 10.6 0.1 District of Columba 101,296 18.3 0.1 105,886 19.2 0.2 171,870 31.0 0.3 174,579 31.5 0.3 Florida 4,598,032 22.3 4.8 3,722,801 23.0 6.8 5,274,139 32.7 7.9 3,558,192 22.0 6.7 Georgia 1,664,139 21.6 2.2 1,520,701 19.8 2.8 2,491,228 32.4 3.8 2,020,938 26.3 3.8 Hawaii 461,767 43.3 0.6 295,630 26.6 0.5 243,852 21.9 0.4 91,433 8.2 0.2 Ifahaoi 152,173 13.3 0.2 424,447 34.7 0.8 438,436 39.9 0.7 197,708 16.2 0.4 Illinois 3,534,743 35.7 4.7 2,267,370 22.9 4.2 2,238,1747 24.1 3.6 1,711,194 17.3 3.2 Indiana 1,548,895 30.8 2.1 1,199,746 23.8 2.2 1,262,026 25.1 1.9 1,019,837 20.3 1.9 lowa 810,120 33.9 1.1 697,921 29.2 1.3 578,160 24.2 0.9 30,3197 12.7 0.6 Kansas 770,530 35.3 1.0 526,800 24.1 1.0 578,160 24.2 0.9 30,3197 12.7 0.6 Kansas 770,530 35.3 1.0 526,800 24.1 1.0 541,824 24.8 0.8 346,392 15.8 0.6 Kentucky 606,230 17.9 0.8 631,836 18.5 1.2 974,917 28.6 1.5 1,191,642 35.0 2.2 Louisiana 492,397 13.9 0.7 603,232 17.0 1.1 1.201,361 33.9 1.8 1,221,666 35.3 2.3 Maine 234,040 27.4 0.4 243,996 22.7 0.4 400,579 37.3 0.6 134,716 12.6 0.3 Mayaland 2,384,042 41.5 3.5 978,497 18.1 1.8 1,004,048 18.6 1.5 766,808 14.2 1.4 Michigan 2,336,047 30.4 3.1 (160,311 21.6 3.1 2,007,441 26.1 3.0 1,684,840 21.9 3.2 Minnesota 19.37,746 46.1 2.0 (100,31 327,057 14.5 0.6 734,628 30.9 2.2 1.1 19,01,02 42.9 11 0.8 346,392 15.8 0.6 Massachusetts 2,653,528 49.1 3.5 978,497 18.1 1.8 1,004,048 18.6 1.5 766,808 14.2 1.4 Michigan 2,336,067 30.4 3.1 (160,311 21.6 3.1 2,007,441 26.1 3.0 (164,640 21.9 3.2 Minnesota 19.37,746 45.1 2.0 774,13 1.2 0.7 741 26.1 1.1 42,2159 10.0 0.8 Massachusetts 2,653,528 49.1 3.5 978,497 18.1 1.8 1,004,048 18.6 1.5 766,808 14.2 1.4 Michigan 2,336,067 30.4 3.1 (160,311 21.6 3.1 2,007,441 36.1 1.1 970,312	Arkansas	273,129	12.0	0.4	428,513	18.9	0.8	873.343	38.4	1.3	697,241	30.7	1.3
Colorado 1644,352 39.4 2.2 971,355 23.3 1.8 1002,733 24.1 1.5 550,285 13.2 1.0 Connecticut 1,561,125 55.2 2.1 506,117 17.9 0.9 407,473 24.1 1.5 550,081 12.5 0.7 District of Columbia 101,296 18.3 0.1 106,588 19.2 0.2 171,870 31.0 0.3 174,579 31.5 0.3 Florida 3,590,032 22.3 4.8 3,722,801 23.0 6.8 5,274,139 32.7 7.9 3,558,192 22.0 6.7 Georgia 1,664,139 21.6 2.2 1,520,701 19.8 2.8 2,491,228 32.4 3.8 2,020,938 6.3 3.8 Hawaii 481,767 43.3 0.6 296,830 2.6 2.88,24 2.1 19,199,470 2.8 2.2 1.8 1,011,837 20.3 1.9 Idaho 1,548,895	California	8.034.444	27.0	10.6	6.717.395	22.6	12.3	8.511.889	28.6	12.8	6.514.817	21.9	12.2
Connectiout 1,561,125 55.2 2.1 506,117 17.9 0.9 407,425 14.4 0.6 385,081 12.5 0.7 Delaware 263,185 35.6 0.3 200,340 28.2 0.4 189,842 25.7 0.3 78,312 10.6 0.1 District of Columbia 101,296 18.3 0.1 106,588 19.2 0.2 171,870 31.0 0.3 77,9 3,556,192 22.0 6.7 Georgia 1.664,173 13.3 0.2 224,447 34.7 0.8 2,491,228 32.4 3.8 2.020,938 26.3 3.8 Hawaii 481,767 43.3 0.6 296,7370 22.9 4.2 2,381,747 24.1 3.6 1,711,194 17.3 3.2 Indiana 1,548,895 30.8 2.1 1,920,701 18,484 24.8 0.8 346,392 12.8 0.6 Lowa 810,120 33.9 1.1 697,921 <td< td=""><td>Colorado</td><td>1.644.352</td><td>39.4</td><td>2.2</td><td>971.355</td><td>23.3</td><td>1.8</td><td>1.002.573</td><td>24.1</td><td>1.5</td><td>550,285</td><td>13.2</td><td>1.0</td></td<>	Colorado	1.644.352	39.4	2.2	971.355	23.3	1.8	1.002.573	24.1	1.5	550,285	13.2	1.0
Delaware 263 185 35.6 0.3 208 340 28.2 0.4 189.842 25.7 0.3 76.312 10.6 0.1 District of Columbia 3.998.032 22.3 4.8 3.722.801 20.2 171.870 31.0 0.3 174.579 31.5 0.3 Georgia 1.664.139 21.6 2.2 1.520.701 19.8 2.8 2.491.228 32.4 3.8 2.020.938 28.3 3.8 Hawaii 4161.77 13.3 0.2 424.447 34.7 0.8 438.436 35.9 0.7 197.708 16.2 0.4 Illinois 3.534.743 35.7 4.7 2.267.370 22.9 1.2 2.861.147 24.1 3.6 1.711.194 17.3 3.2 Iova 810.120 33.9 1.1 637.268 2.2 1.820.262 25.1 1.9 1.019.837 20.3 1.9 Iowa 810.120 33.9 1.1 637.868 1.2	Connecticut	1.561.125	55.2	2.1	506,117	17.9	0.9	407.425	14.4	0.6	355.081	12.5	0.7
District of Columbia 101,296 18.3 0.1 106,588 19.2 0.2 171,870 31.0 0.3 174,579 31.5 0.3 Florida 3,598,032 22.3 4.8 3,722,801 23.0 6.8 5,74,139 32.7 7.9 3,558,152 22.0 6.7 Georgia 1.664,139 21.6 2.2 1,520,701 19.8 2.8 2,491,228 32.4 3.8 2,020,382 2.6.3 3.8 Hawaii 481,767 43.3 0.6 295,830 2.6.6 0.5 243,84,52 21.9 0.4 91,433 8.2 0.2 Idaho 162,173 13.3 0.2 424,447 34.7 0.8 438,436 35.9 0.7 197,708 16.2 0.4 Illinois 3,54,743 35.7 4.7 2,267,370 2.9 4.2 2,381,477 2.1 1.0 541,822 2.0 30.3 1.9 1.4 1.3 1.3 1.1 1.1	Delaware	263,185	35.6	0.3	208.340	28.2	0.4	189.842	25.7	0.3	78.312	10.6	0.1
Florida 3,598,032 22.3 4.8 3,722,801 23.0 6.8 5,274,139 32.7 7.9 3,558,192 22.0 6.7 Georgia 1,664,139 21.6 2.2 1,520,701 19.8 2.8 2,491,228 32.4 3.8 2,020,938 26.3 3.8 Hawaii 481,767 43.3 0.6 295,830 26.6 0.5 243,852 21.9 0.4 91,433 8.2 0.2 0.4 91,433 8.2 0.4 91,433 8.2 0.4 91,433 8.2 0.2 0.4 91,433 8.2 0.2 1.1 10,974 23.1 9 1.0 82.8 2.1 1262,026 25.1 1.9 10,19,837 20.3 1.9 10,837 20.3 1.9 10,837 20.3 1.9 1.0 84.92 1.0 54.1824 24.8 0.8 346,392 15.8 0.6 Karsas 770.530 35.3 1.0 526.800 24.1 1.0 54.1824 24.8 0.8 346.392 15.8 1.2 1.6 1.1 <	District of Columbia	101,296	18.3	0.1	106.588	19.2	0.2	171.870	31.0	0.3	174,579	31.5	0.3
Georgia 1.664,139 21.6 2.2 1.520,701 19.8 2.8 2.491,228 32.4 3.8 2.020,938 26.3 3.8 Hawaii 481,767 43.3 0.6 295,830 26.6 0.5 243,452 21.9 0.4 91,433 8.2 0.2 Idaho 162,173 13.3 0.2 242,447 34.7 0.8 438,436 35.9 0.7 197,708 16.2 0.4 Illinois 3,534,743 35.7 4.7 2,267,370 22.9 4.2 2,381,747 24.1 3.6 1,711,194 17.3 3.2 Indiana 1,548,895 30.8 2.1 1,199,746 23.8 2.2 1,260,26 25.1 1.9 1,019,837 20.3 1.9 Iowa 801,203 17.9 0.8 631,836 18.5 1.2 974,917 28.6 1.5 1,91642 35.0 2.2 Louisiana Maryland 2384,024 51.5 3.2	Florida	3.598.032	22.3	4.8	3.722.801	23.0	6.8	5.274.139	32.7	7.9	3.558,192	22.0	6.7
Hawaii 481,767 43.3 0.6 295,830 26.6 0.5 243,852 21.9 0.4 91,433 8.2 0.2 Idaho 162,173 13.3 0.2 424,447 34.7 0.8 438,436 35.9 0.7 197,708 16.2 0.4 Ilniois 3,534,743 35.7 4.7 2,267,370 22.9 4.2 2,381,747 24.1 3.6 1,711,194 17.3 3.2 Indiana 1,548,895 30.8 2.1 1,199,746 23.8 2.2 1,262,026 25.1 1.9 1,019,837 20.3 1.9 Iowa 810,120 33.9 1.1 697,921 29.2 1.3 578,160 24.2 0.9 303,197 12.7 0.6 Kansas 705,500 35.3 1.0 526,800 24.1 1.0 541,824 24.8 0.8 346,392 15.8 0.6 1.34,716 16.2 0.3 Maka 1.8 1,201,361 33.9 1.8 1,251,666 35.3 2.3 2.2 Dubit 1.1 <t< td=""><td>Georgia</td><td>1,664,139</td><td>21.6</td><td>2.2</td><td>1.520.701</td><td>19.8</td><td>2.8</td><td>2,491,228</td><td>32.4</td><td>3.8</td><td>2,020,938</td><td>26.3</td><td>3.8</td></t<>	Georgia	1,664,139	21.6	2.2	1.520.701	19.8	2.8	2,491,228	32.4	3.8	2,020,938	26.3	3.8
Idaho 162,173 13.3 0.2 424,447 34.7 0.8 438,436 35.9 0.7 197,708 16.2 0.4 Illinois 3,534,743 35.7 4.7 2,267,370 22.9 4.2 2,381,747 24.1 3.6 1,711,194 17.3 3.2 Indiana 1,548,895 30.8 2.1 1,199,746 23.8 2.2 1,262,026 25.1 1.9 1,019,837 20.3 1.9 Iowa 810,120 35.3 1.0 526,800 24.1 1.0 541,824 24.8 0.8 346,392 15.8 0.6 Kentucky 608,230 17.9 0.8 631,336 18.5 1.2 974,917 28.6 1.5 1,191,642 35.0 2.2 Jaine 294,040 27.4 0.4 243,996 22.7 0.4 400,579 37.3 0.6 134,716 12.6 0.3 Maryland 2,384,024 51.5 3.2 1,103,058 23.8 2.0 722,607 15.6 1.1 422,267 9.1 0.8 <td>Hawaii</td> <td>481,767</td> <td>43.3</td> <td>0.6</td> <td>295,830</td> <td>26.6</td> <td>0.5</td> <td>243.852</td> <td>21.9</td> <td>0.4</td> <td>91,433</td> <td>8.2</td> <td>0.2</td>	Hawaii	481,767	43.3	0.6	295,830	26.6	0.5	243.852	21.9	0.4	91,433	8.2	0.2
Illinois 3,534,743 35.7 4.7 2,267,370 22.9 4.2 2,381,747 24.1 3.6 1,711,194 17.3 3.2 Indiana 1,548,895 30.8 2.1 1,199,746 23.8 2.2 1,262,026 25.1 1.9 1,019,837 20.3 1.9 Iowa 810,120 33.9 1.1 697,921 29.2 1.3 578,160 24.2 0.9 303,197 12.7 0.6 Kansas 770,530 35.3 1.0 526,800 24.1 1.0 541,824 24.8 0.8 346,392 15.8 0.6 Kentucky 608,230 17.9 0.8 631,836 18.5 1.2 974,917 28.6 1.5 1,911,642 35.0 2.2 Junion 1.1 1,201,361 33.9 1.8 1,251,666 35.3 2.3 Maine 2.94,040 27.4 0.4 242,937 13.9 1.8 1,004,048 18.6 1.5 766,088 14.2 1.4 Michigen 2.336,087 30.4 3.1 1	Idaho	162,173	13.3	0.2	424,447	34.7	0.8	438,436	35.9	0.7	197,708	16.2	0.4
Indiana 1,548,895 30.8 2.1 1,199,746 23.8 2.2 1,262,026 25.1 1.9 1,019,837 20.3 1.9 Iowa 810,120 33.9 1.1 697,921 29.2 1.3 578,160 24.2 0.9 303,197 12.7 0.6 Kansas 770,530 35.3 1.0 526,800 24.1 1.0 541,824 24.8 0.8 346,392 15.8 0.6 Kentucky 608,230 17.9 0.8 631,836 18.5 1.2 974,917 26.6 1.5 1,191,642 35.0 2.2 Louisiana 492,397 13.9 0.7 603,232 17.0 1.1 1,201,361 33.9 1.8 1,251,666 35.3 2.3 Maryland 2,348,024 51.5 3.2 1,030,568 23.8 2.0 722,607 16.6 1.1 422,267 9.1 0.8 Maryland 2,346,087 30.4 3.1 1,660,311 21.6 3.1 2,007,491 26.1 3.0 1,684,840 21.9 <	Illinois	3.534.743	35.7	4.7	2.267.370	22.9	4.2	2.381.747	24.1	3.6	1.711.194	17.3	3.2
Instant Instant <thinstant< th=""> <th< td=""><td>Indiana</td><td>1 548 895</td><td>30.8</td><td>21</td><td>1 199 746</td><td>23.8</td><td>22</td><td>1 262 026</td><td>25.1</td><td>1.9</td><td>1 019 837</td><td>20.3</td><td>1.9</td></th<></thinstant<>	Indiana	1 548 895	30.8	21	1 199 746	23.8	22	1 262 026	25.1	1.9	1 019 837	20.3	1.9
Kansas 770,530 35.3 1.0 556,800 24.1 1.0 541,824 24.8 0.8 346,392 15.8 0.6 Kentucky 608,230 17.9 0.8 631,836 18.5 1.2 974,917 28.6 1.5 1.91,642 35.0 2.2 Louisiana 492,397 13.9 0.7 603,232 17.0 1.1 1,201,361 33.9 1.8 1,251,666 35.3 2.3 Maine 294,040 27.4 0.4 243,996 22.7 0.4 400,579 37.3 0.6 134,716 12.6 0.3 Massachusetts 2,653,528 49.1 3.5 978,497 18.1 1.8 1,004,048 18.6 1.5 766,808 14.2 1.4 Mississippi 2,37,746 46.1 2.6 1.097,189 26.1 2.0 734,628 32.5 1.1 970,312 42.9 1.8 Missouri 1,243,373 26.5 1.6 1,022,840	lowa	810 120	33.9	11	697 921	29.2	1.3	578 160	24.2	0.9	303 197	12.7	0.6
Name No.	Kansas	770 530	35.3	1.0	526,800	24.1	1.0	541 824	24.8	0.8	346 392	15.8	0.6
Normson Org Org <thorg< th=""> <thorg< <="" td=""><td>Kentucky</td><td>608 230</td><td>17.9</td><td>0.8</td><td>631 836</td><td>18.5</td><td>1.0</td><td>974 917</td><td>28.6</td><td>1.5</td><td>1 191 642</td><td>35.0</td><td>22</td></thorg<></thorg<>	Kentucky	608 230	17.9	0.8	631 836	18.5	1.0	974 917	28.6	1.5	1 191 642	35.0	22
Decision D24,040 27.4 0.4 243,996 22.7 0.4 400,579 37.3 0.6 134,716 12.6 0.33 Maryland 2,384,024 51.5 3.2 1,103,058 23.8 2.0 722,607 15.6 1.1 422,267 9.1 0.8 Massachusetts 2,633,528 49.1 3.5 978,497 18.1 1.8 1,004,048 18.6 1.5 766,808 14.2 1.4 Michigan 2,336,087 30.4 3.1 1,660,311 21.6 3.1 2,007,491 26.1 3.0 1,848,440 21.9 3.2 Minnesota 1,937,746 46.1 2.6 1,097,189 26.1 2.0 745,134 17.7 1.1 420,919 10.0 0.8 Missouri 1,243,373 26.5 1.6 1,022,840 21.8 1.9 1,449,463 30.9 2.2 970,215 20.7 1.8 Mortana 166,365 20.7 0.2	Louisiana	492,397	13.9	0.0	603 232	17.0	11	1 201 361	33.9	1.8	1 251 666	35.3	2.3
Maryland 2,38,4024 21,1 3.1 1,103,058 21,8 2.0 722,607 15.6 1.1 422,267 9.1 0.8 Massachusetts 2,653,528 49.1 3.5 978,497 18.1 1.8 1,004,048 18.6 1.5 766,808 14.2 1.4 Michigan 2,336,087 30.4 3.1 1,660,311 21.6 3.1 2,007,491 26.1 3.0 1,684,840 21.9 3.2 Minnesota 1,937,746 46.1 2.6 1,097,189 26.1 2.0 745,134 17.7 1.1 420,519 10.0 0.8 Missouri 1,243,373 26.5 1.6 1,022,840 21.8 1.9 1,449,463 30.9 2.2 970,215 20.7 1.8 Montana 166,365 20.7 0.2 207,897 25.9 0.4 271,955 33.9 0.4 156,908 19.5 0.3 Newtas 486,333 34.3 0.6 429,847 30.3 0.8 319,642 22.6 0.5 180,673 12.8 <td>Maine</td> <td>294 040</td> <td>27.4</td> <td>0.1</td> <td>243 996</td> <td>22.7</td> <td>0.4</td> <td>400 579</td> <td>37.3</td> <td>0.6</td> <td>134 716</td> <td>12.6</td> <td>0.3</td>	Maine	294 040	27.4	0.1	243 996	22.7	0.4	400 579	37.3	0.6	134 716	12.6	0.3
Individue 2,653,522 49.1 3.5 978,497 18.1 1.8 1,004,048 18.6 1.5 766,808 14.2 1.4 Missachusetts 2,653,522 49.1 3.5 978,497 18.1 1.8 1,004,048 18.6 1.5 7766,808 14.2 1.4 Mississippi 227,849 10.1 0.3 327,035 14.5 0.6 734,628 32.5 1.1 970,212 42.9 1.8 Missouri 1,243,373 26.5 1.6 1,022,840 21.8 1.9 1,449,463 30.9 2.2 970,215 20.7 1.8 Montana 166,365 20.7 0.2 207,897 25.9 0.4 271,955 33.9 0.4 156,908 19.5 0.3 New Jarska 486,333 34.3 0.6 429,847 30.3 0.8 319,642 22.6 0.5 180,673 12.8 0.3 New Jensshire 613,202 57.4 0.8 244,897 22.9 0.5 146,767 13.7 0.2 63,125 5.9 <td>Maryland</td> <td>2 384 024</td> <td>51.5</td> <td>3.2</td> <td>1 103 058</td> <td>23.8</td> <td>2.0</td> <td>722 607</td> <td>15.6</td> <td>1 1</td> <td>422 267</td> <td>9.1</td> <td>0.8</td>	Maryland	2 384 024	51.5	3.2	1 103 058	23.8	2.0	722 607	15.6	1 1	422 267	9.1	0.8
Michigan 2,336,087 30.4 3.1 1,600,101 1.0 1,000,101 1.0 1,000,101 1.1	Massachusetts	2,653,528	49.1	3.5	978 497	18.1	1.8	1 004 048	18.6	1.1	766 808	14.2	1.0
Minnesola 2,030,001 21.0 0.1 1,030,011 21.0 0.1 2,001,001 20.1 1,001,010 21.0 0.2 Minnesola 1,937,746 46.1 2.6 1,097,189 26.1 2.0 745,134 17.7 1.1 420,519 10.0 0.8 Mississippi 227,849 10.1 0.3 327,035 14.5 0.6 734,628 32.5 1.1 970,312 42.9 1.8 Missouri 1,243,373 26.5 1.6 1,022,840 21.8 1.9 1,449,463 30.9 2.2 970,215 20.7 1.8 Montana 166,365 20.7 0.2 207,897 25.9 0.4 271,955 33.9 0.4 156,908 19.5 0.3 Nevada 661,524 29.8 0.9 538,990 24.3 1.0 571,951 25.8 0.9 445,247 20.1 0.8 New Hampshire 613,202 57.4 0.8 244,897 22.9 0.5 146,767 13.7 0.2 63,125 5.9 0.1	Michigan	2 336 087	30.4	3.1	1 660 311	21.6	3.1	2 007 491	26.1	3.0	1 684 840	21.9	3.2
Minimesoria 1,301,143 10.1 2.5 1,301,163 10.1 1.1 11.1 11.1 11.1 12.0 10.0 10.0 Mississippi 227,849 10.1 0.3 327,035 14.5 0.6 734,628 32.5 1.1 970,312 42.9 1.8 Mississippi 1,243,373 26.5 1.6 1,022,840 21.8 1.9 1,449,463 30.9 2.2 970,215 20.7 1.8 Montana 166,365 20.7 0.2 207,897 25.9 0.4 271,955 33.9 0.4 156,908 19.5 0.3 Nebraska 486,333 34.3 0.6 429,847 30.3 0.8 319,642 22.6 0.5 180,673 12.8 0.3 Newada 661,524 29.8 0.9 538,990 24.3 1.0 571,951 25.8 0.9 445,247 20.1 0.8 New Hampshire 613,202 57.4 0.8 244,897 22.9 0.5 146,767 13.7 0.2 63,125 5.9 0	Minnesota	1 937 746	46.1	2.6	1 097 189	26.1	2.0	745 134	17.7	1 1	420 519	10.0	0.8
Missouri 1,243,373 26.5 1.6 1,022,840 21.8 1.9 1,449,463 30.9 2.2 970,215 20.7 1.8 Missouri 1,243,373 26.5 1.6 1,022,840 21.8 1.9 1,449,463 30.9 2.2 970,215 20.7 1.8 Montana 166,365 20.7 0.2 207,897 25.9 0.4 271,955 33.9 0.4 156,008 19.5 0.3 Nebraska 486,333 34.3 0.6 429,847 30.3 0.8 319,642 22.6 0.5 180,673 12.8 0.3 Nevada 661,524 29.8 0.9 538,990 24.3 1.0 571,951 25.8 0.9 445,247 20.1 0.8 New Hampshire 613,202 57.4 0.8 244,897 22.9 0.5 146,767 13.7 0.2 63,125 5.9 0.1 New Jersey 3,679,457 53.0 4.9 1,337,435 19.3 2.5 1,111,965 16.0 1.7 818,733 11.8	Mississinni	227 849	10.1	0.3	327 035	14.5	0.6	734 628	32.5	1.1	970 312	42.9	1.8
Missouri 1,243,973 20.3 1.0 1,022,987 25.9 1.3 1,474,9763 30.3 2.2 374,213 20.7 1.3 Montana 166,365 20.7 0.2 207,897 25.9 0.4 271,955 33.9 0.4 156,908 19.5 0.3 Nebraska 486,333 34.3 0.6 429,847 30.3 0.8 319,642 22.6 0.5 180,673 12.8 0.3 Nevada 661,524 29.8 0.9 538,990 24.3 1.0 571,951 25.8 0.9 445,247 20.1 0.8 New Hampshire 613,202 57.4 0.8 244,897 22.9 0.5 146,767 13.7 0.2 63,125 5.9 0.1 New Jersey 3,679,457 53.0 4.9 1,337,435 19.3 2.5 1,111,965 16.0 1.7 818,733 11.8 1.5 New Mexico 184,525 11.6 0.2 248,814 15.7 0.5 538,971 34.0 0.8 614,791 38.7 <td< td=""><td>Missouri</td><td>1 2/3 373</td><td>26.5</td><td>1.6</td><td>1 022 8/0</td><td>21.8</td><td>1 0</td><td>1 //9 /63</td><td>30 0</td><td>22</td><td>970,012</td><td>20.7</td><td>1.0</td></td<>	Missouri	1 2/3 373	26.5	1.6	1 022 8/0	21.8	1 0	1 //9 /63	30 0	22	970,012	20.7	1.0
Nontratia 100,000 20.1 0.2 2017 20.3 0.4 211,003 00.3 0.4 100,000 10.3 0.3 0.3 Nebraska 486,333 34.3 0.6 429,847 30.3 0.8 319,642 22.6 0.5 180,673 12.8 0.3 New data 661,524 29.8 0.9 538,990 24.3 1.0 571,951 25.8 0.9 445,247 20.1 0.8 New Hampshire 613,202 57.4 0.8 244,897 22.9 0.5 146,767 13.7 0.2 63,125 5.9 0.1 New Jersey 3,679,457 53.0 4.9 1,337,435 19.3 2.5 1,111,965 16.0 1.7 818,733 11.8 1.5 New Mexico 184,525 11.6 0.2 248,814 15.7 0.5 538,971 34.0 0.8 614,791 38.7 1.1 New York 5,027,970 32.3 6.7 3,289,137 21.1 6.0 3,593,063 23.1 5.4 3,650,384 <t< td=""><td>Montana</td><td>166 365</td><td>20.0</td><td>0.2</td><td>207 807</td><td>25.0</td><td>0.4</td><td>271 955</td><td>33.0</td><td>0.4</td><td>156 908</td><td>10.5</td><td>0.3</td></t<>	Montana	166 365	20.0	0.2	207 807	25.0	0.4	271 955	33.0	0.4	156 908	10.5	0.3
Nevada 661,524 29.8 0.9 538,990 24.3 1.0 571,951 25.8 0.9 445,247 20.1 0.8 New Hampshire 613,202 57.4 0.8 244,897 22.9 0.5 146,767 13.7 0.2 63,125 5.9 0.1 New Jersey 3,679,457 53.0 4.9 1,337,435 19.3 2.5 1,111,965 16.0 1.7 818,733 11.8 1.5 New Jersey 3,679,457 53.0 4.9 1,337,435 19.3 2.5 1,111,965 16.0 1.7 818,733 11.8 1.5 New Mexico 184,525 11.6 0.2 248,814 15.7 0.5 538,971 34.0 0.8 614,791 38.7 1.1 New York 5,027,970 32.3 6.7 3,289,137 21.1 6.0 3,593,063 23.1 5.4 3,650,384 23.2 3.4 North Dakota 195,088 33.9 0.3 178,610 31.1 0.3 137,118 23.8 0.2 64,289 11.2 </td <td>Nohraska</td> <td>186 333</td> <td>20.7</td> <td>0.2</td> <td>120 8/7</td> <td>20.0</td> <td>0.4</td> <td>310 6/2</td> <td>22.6</td> <td>0.4</td> <td>180,500</td> <td>12.8</td> <td>0.0</td>	Nohraska	186 333	20.7	0.2	120 8/7	20.0	0.4	310 6/2	22.6	0.4	180,500	12.8	0.0
New Hampshire 613,202 57.4 0.8 244,897 22.9 0.5 146,767 13.7 0.2 63,125 5.9 0.1 New Jersey 3,679,457 53.0 4.9 1,337,435 19.3 2.5 1,111,965 16.0 1.7 818,733 11.8 1.5 New Jersey 3,679,457 53.0 4.9 1,337,435 19.3 2.5 1,111,965 16.0 1.7 818,733 11.8 1.5 New Mexico 184,525 11.6 0.2 248,814 15.7 0.5 538,971 34.0 0.8 614,791 38.7 1.1 New York 5,027,970 32.3 6.7 3,289,137 21.1 6.0 3,593,063 23.1 5.4 3,650,384 23.5 6.8 North Carolina 1,587,651 20.5 2.1 1,694,619 21.9 3.1 2,672,533 34.5 4.0 1,794,891 23.2 3.4 North Dakota 195,088 33.8 4.0 1,865,186 20.8 3.4 2,220,914 24.7 3.3 1,861,04	Nevada	661 52/	20.8	0.0	538 000	2/1 3	1.0	571 951	25.8	0.0	100,013	20.1	0.0
New Jersey 3,679,457 53.0 4.9 1,337,435 19.3 2.5 1,111,965 16.0 1.7 818,733 11.8 1.5 New Jersey 3,679,457 53.0 4.9 1,337,435 19.3 2.5 1,111,965 16.0 1.7 818,733 11.8 1.5 New Mexico 184,525 11.6 0.2 248,814 15.7 0.5 538,971 34.0 0.8 614,791 38.7 1.1 New York 5,027,970 32.3 6.7 3,289,137 21.1 6.0 3,593,063 23.1 5.4 3,650,384 23.5 6.8 North Carolina 1,587,651 20.5 2.1 1,694,619 21.9 3.1 2,672,533 34.5 4.0 1,794,891 23.2 3.4 North Dakota 195,088 33.9 0.3 178,610 31.1 0.3 137,118 23.8 0.2 64,289 11.2 0.1 Ohio 3,031,598 33.8 4.0 1,865,186 20.8 3.4 2,220,914 24.7 3.3 1,861,042	New Hampshire	613 202	57 A	0.5	244 807	27.0	0.5	1/6 767	13.7	0.5	63 125	50	0.0
New Mexico 184,525 11.6 0.2 248,814 15.7 0.5 538,971 34.0 0.8 614,791 38.7 1.1 New Mexico 184,525 11.6 0.2 248,814 15.7 0.5 538,971 34.0 0.8 614,791 38.7 1.1 New York 5,027,970 32.3 6.7 3,289,137 21.1 6.0 3,593,063 23.1 5.4 3,650,384 23.2 6.8 North Carolina 1,587,651 20.5 2.1 1,694,619 21.9 3.1 2,672,533 34.5 4.0 1,794,891 23.2 3.4 North Dakota 195,088 33.9 0.3 178,610 31.1 0.3 137,118 23.8 0.2 64,289 11.2 0.1 Ohio 3,031,598 33.8 4.0 1,865,186 20.8 3.4 2,220,914 24.7 3.3 1,861,042 20.7 3.5 Oklahoma 614,399 20.9 0.8 563,459 19.2 1.0 1,053,759 35.8 1.6 708,359 2	New larsey	3 679 / 57	53.0	1.0	1 337 /35	10.3	2.5	1 111 965	16.0	17	818 733	11.8	15
New York 5,027,970 32.3 6.7 3,289,137 21.1 6.0 3,593,063 23.1 5.4 3,650,384 23.5 6.8 North Carolina 1,587,651 20.5 2.1 1,694,619 21.9 3.1 2,672,533 34.5 4.0 1,794,891 23.2 3.4 North Dakota 195,088 33.9 0.3 178,610 31.1 0.3 137,118 23.8 0.2 64,289 11.2 0.1 Ohio 3,031,598 33.8 4.0 1,865,186 20.8 3.4 2,220,914 24.7 3.3 1,861,042 20.7 3.5 Oklahoma 614,399 20.9 0.8 563,459 19.2 1.0 1,053,759 35.8 1.6 708,359 24.1 1.3 Oregon 580,696 18.4 0.8 742,959 23.5 1.4 1,224,458 38.7 1.8 612,758 19.4 1.1 Pennsylvania 4,041,754 40.0 5.4 2,351,592 23.3 4.3 1,996,503 19.8 3.0 1,706,002	New Mexico	18/ 525	11.6	4.5	2/8 81/	15.5	2.5	538 071	34.0	0.8	61/ 701	38.7	1.0
North Carolina 1,587,651 20.5 2.1 1,694,619 21.1 0.0 5,553,600 20.1 0.4 0,600,604 20.5 0.6 North Carolina 1,587,651 20.5 2.1 1,694,619 21.9 3.1 2,672,533 34.5 4.0 1,794,891 23.2 3.4 North Dakota 195,088 33.9 0.3 178,610 31.1 0.3 137,118 23.8 0.2 64,289 11.2 0.1 Ohio 3,031,598 33.8 4.0 1,865,186 20.8 3.4 2,220,914 24.7 3.3 1,861,042 20.7 3.5 Oklahoma 614,399 20.9 0.8 563,459 19.2 1.0 1,053,759 35.8 1.6 708,359 24.1 1.3 Oregon 580,696 18.4 0.8 742,959 23.5 1.4 1,224,458 38.7 1.8 612,758 19.4 1.1 Pennsylvania 4,041,754 40.0 5.4 </td <td>New York</td> <td>5 027 070</td> <td>32.3</td> <td>6.7</td> <td>3 280 137</td> <td>21.1</td> <td>6.0</td> <td>3 503 063</td> <td>23.1</td> <td>5.4</td> <td>3 650 384</td> <td>23.5</td> <td>6.8</td>	New York	5 027 070	32.3	6.7	3 280 137	21.1	6.0	3 503 063	23.1	5.4	3 650 384	23.5	6.8
North Dakota 195,088 33.9 0.3 17,8610 31.1 0.3 137,118 23.8 0.2 64,289 11.2 0.1 Ohio 3,031,598 33.8 4.0 1,865,186 20.8 3.4 2,220,914 24.7 3.3 1,861,042 20.7 3.5 Oklahoma 614,399 20.9 0.8 563,459 19.2 1.0 1,053,759 35.8 1.6 708,359 24.1 1.3 Oregon 580,696 18.4 0.8 742,959 23.5 1.4 1,224,458 38.7 1.8 612,758 19.4 1.1 Pennsylvania 4,041,754 40.0 5.4 2,351,592 23.3 4.3 1,996,503 19.8 3.0 1,706,002 16.9 3.2 Puerto Rico 4,329 0.2 0.0 27,802 1.0 0.1 149,533 5.5 0.2 2,553,833 93.4 4.8 Rhode Island 344,537 40.7 0.5 159,132 18.8 0.3 162,576 19.2 0.2 179,311 21.2	North Carolina	1 587 651	20.5	2.1	1 60/ 610	21.1	3.1	2 672 533	20.1	4.0	1 70/ 801	23.0	3.4
Ohio 3,031,598 33.8 4.0 1,865,186 20.8 3.4 2,220,914 24.7 3.3 1,861,042 20.7 3.5 Oklahoma 614,399 20.9 0.8 563,459 19.2 1.0 1,053,759 35.8 1.6 708,359 24.1 1.3 Oregon 580,696 18.4 0.8 742,959 23.5 1.4 1,224,458 38.7 1.8 612,758 19.4 1.1 Pennsylvania 4,041,754 40.0 5.4 2,351,592 23.3 4.3 1,996,503 19.8 3.0 1,706,002 16.9 3.2 Puerto Rico 4,329 0.2 0.0 27,802 1.0 0.1 149,533 5.5 0.2 2,553,833 93.4 4.8 Rhode Island 344,537 40.7 0.5 159,132 18.8 0.3 162,576 19.2 0.2 179,311 21.2 0.3	North Dakota	105 088	20.0	0.3	178 610	21.5	0.1	137 118	23.8	4.0	6/ 289	11.2	0.1
Oklahoma 614,399 20.9 0.8 563,459 19.2 1.0 1,053,759 35.8 1.6 708,359 24.1 1.3 Oregon 580,696 18.4 0.8 742,959 23.5 1.4 1,224,458 38.7 1.8 612,758 19.4 1.1 Pennsylvania 4,041,754 40.0 5.4 2,351,592 23.3 4.3 1,996,503 19.8 3.0 1,706,002 16.9 3.2 Puerto Rico 4,329 0.2 0.0 27,802 1.0 0.1 149,533 5.5 0.2 2,553,833 93.4 4.8 Rhode Island 344,537 40.7 0.5 159,132 18.8 0.3 162,576 19.2 0.2 179,311 21.2 0.3	Obio	3 031 508	33.8	4.0	1 865 186	20.8	3.4	2 220 014	20.0	3.3	1 861 042	20.7	3.5
Oregon 580,696 18.4 0.8 742,959 23.5 1.4 1,224,458 38.7 1.8 612,758 19.4 1.1 Pennsylvania 4,041,754 40.0 5.4 2,351,592 23.3 4.3 1,996,503 19.8 3.0 1,706,002 16.9 3.2 Puerto Rico 4,329 0.2 0.0 27,802 1.0 0.1 149,533 5.5 0.2 2,553,833 93.4 4.8 Rhode Island 344,537 40.7 0.5 159,132 18.8 0.3 162,576 19.2 0.2 179,311 21.2 0.3	Oklahoma	61/ 300	20.0	4.0	563 /59	10.0	1.0	1 053 759	35.8	1.6	708 359	20.7	13
Pennsylvania 4,041,754 40.0 5.4 2,351,592 23.3 4.3 1,996,503 19.8 3.0 1,706,002 16.9 3.2 Puerto Rico 4,329 0.2 0.0 27,802 1.0 0.1 149,533 5.5 0.2 2,553,833 93.4 4.8 Rhode Island 344,537 40.7 0.5 159,132 18.8 0.3 162,576 19.2 0.2 179,311 21.2 0.3	Oregon	580 606	18 /	0.0	7/2 050	23.5	1.0	1 224 458	38.7	1.0	612 758	10 /	1.0
Puerto Rico 4,329 0.2 0.0 27,802 1.0 0.1 149,533 5.5 0.2 2,553,833 93.4 4.8 Rhode Island 344,537 40.7 0.5 159,132 18.8 0.3 162,576 19.2 0.2 179,311 21.2 0.3	Pennsylvania	1 0/1 75/	/0.0	5.4	2 351 502	23.3	/ 3	1,224,450	10.7	3.0	1 706 002	16.9	3.2
Rhode Island 344,537 40.7 0.5 159,132 18.8 0.3 162,576 19.2 0.2 179,311 21.2 0.3	Puerto Rico	4 320	-0.0	0.4	2,001,002	1.0		1/0 533	5.5	0.0	2 553 833	03.4	1.8
	Phode Island	3// 537	10.2	0.0	150 132	18.8	0.1	162 576	10.0	0.2	2,000,000	21.2	4.0
South Carolina 800.057 211 11 726.150 10.2 1.3 1.256.510 33.2 1.0 1.004.728 26.5 1.0	South Carolina	800.057	40.7 21.1	0.5	726 150	10.0	13	1 256 510	19.2	1.0	1 004 728	21.2	0.5
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	South Dakota	200,337	21.1	0.3	164 042	25.5	0.3	170.8/6	27.0	0.3	100 156	15.5	0.2
South Danoise 200,433 51.1 0.3 104,042 20.3 0.3 173,040 21.3 0.3 100,100 10.3 0.2	Toppossoo	1 060 202	20.8	0.5	1 054 240	20.7	1.0	1 644 131	21.3	0.5	1 332 812	26.2	0.2
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Torac	5 837 010	20.0	7.7	3 073 001	10.7	7.3	5 5 8 0 5 2 5	0Z.0	2.5	1,332,012	20.2	2.5
Texas 5,507,019 23.0 7.7 5,375,391 13.7 7.3 5,500,325 27.7 0.4 4,107,003 20.7 0.5	litab	861 460	29.0	1.1	512 521	24.6	1.5	152 337	21.1	0.4	4,707,000	12.7	0.9
Utamont 150 202 21 / 0.2 16/207 20.7 0.2 12/207 21.7 0.7 25/000 12.2 0.0	Vormont	159 202	21 /	1.1	154 707	24.0	0.9	432,337	21.7	0.7	255,095	10.0	0.5
Vernioni, 1.00,230 01.4 0.2 104,737 00.7 0.0 100,000 27.1 0.2 00,100 10.9 0.1 Virginia - 0.778,450 40.0 3.7 1.507,838 03.3 0.0 1.422,960 00.1 0.0 764,067 44.0 4.4	Virginia	2 779 450	120	0.2	1 507 929	20.7	0.0	1 422 060	27.1	0.2	761.067	11.9	0.1
vilginia 2,770,403 42.3 0.7 1,007,000 20.0 2.0 1,400,002 22.1 2.2 701,907 11.0 1.4 Washington 1.773,380 31.0 0.3 1,511,078 07.0 0.0 1,555,600 0.0 0.0 0.0 740,600 4.0 4.0	Washington	2,110,409	42.9 21.0	J.1 0.0	1,507,050	20.0	2.0	1,400,002	22.1	2.2	710 600	12.0	1.4
washington 1,773,300 31.8 Z.3 1,311,370 Z7.2 Z.0 1,300,000 Z0.0 Z.3 772,033 1Z.0 1.3 West Virginia 136,043 0.4 0.2 301,007 20.6 0.6 601,520,44.2 0.0 420,404 20.0 0.0	Washington	136 042	0.4	2.0	301.007	21.2	2.0	601 520	20.0	2.3	112,033	12.0	1.0
vvosi viiginia 1.00,943 9.4 0.2 301,007 20.0 0.0 001,330 41.2 0.9 420,494 28.8 0.8	Wissensin	1 665 443	9.4 27.2	0.2	1 261 654	20.0	0.0	001,000	41.Z	0.9	420,494	20.0	0.0
Wisconian 1,000,417 57.5 2.2 1,201,051 20.2 2.5 964,047 22.0 1.5 557,071 12.5 1.0	Wisconsin	1/1 050	31.3	2.2	1/1 600	20.2	2.3	904,047	22.0	1.5	20 212	12.5	1.0
Total 75.526.986 30.2 100 54.392.004 21.8 100 66.385.906 26.6 100 53.461.018 21.4 100	Total	75.526 986	30.2	100 0.2	54.392 004	21.8	100 0	66.385 906	26.6	100	53.461 018	21 4	100

Abbreviations. ACS, American Community Survey; SDH, social determinants of health [footnotes only].

Note. Proportion of residents in the census tract who were living below the U.S. poverty level at any time during the 12 months before the survey response (individuals aged 18 years and older).

^a Percentage of male residents of area.

^b Percentage of female residents of area.

^C Percentage of residents of area.

^d Percentage of SDH subpopulation total.

				Less	than high school diploma	a (%)			
	<6		6.00–1	0.99	11.00–1	7.99	≥18		
Area of residence	No.	% ^a	No.	% ^a	No.	% ^a	No.	% ^a	
					Male				
Alabama	287,015	16.1	353,670	19.8	520,414	29.1	626,589	35.1	
Alaska	100,919	34.8	104,412	36.0	70,495	24.3	14,585	5.0	
Arizona	713,639	27.9	625,161	24.4	510,782	20.0	708,462	27.7	
Arkansas	140,847	12.8	234,650	21.3	437,801	39.8	287,133	26.1	
California	3,539,311	24.1	3,000,918	20.4	2,572,356	17.5	5,597,541	38.1	
Colorado	952,677	45.6	522,214	25.0	326,253	15.6	289,767	13.9	
Connecticut	521,216	38.2	445,833	32.7	202,968	14.9	193,501	14.2	
Delaware	78,852	22.3	120,980	34.2	96,255	27.2	57,243	16.2	
District of Columbia	108,612	41.8	43,464	16.7	68,855	26.5	38,630	14.9	
Florida	1,854,376	23.7	2,145,087	27.5	1,959,268	25.1	1,855,277	23.7	
Georgia	692,591	18.7	851,282	23.0	1,041,367	28.2	1,110,984	30.1	
Hawaii	231,752	41.7	194,544	35.0	97,461	17.5	32,187	5.8	
Idaho	160,123	26.3	225,412	37.1	157,306	25.9	65,215	10.7	
Illinois	1,496,911	31.2	1,421,636	29.6	969,548	20.2	914,922	19.0	
Indiana	471,776	19.2	812,980	33.2	735,076	30.0	431,457	17.6	
lowa	447.308	38.1	477.195	40.6	158.784	13.5	91.772	7.8	
Kansas	394,387	36.6	368,559	34.2	176.834	16.4	139,121	12.9	
Kentucky	262.851	15.8	367.277	22.1	477.357	28.8	551,415	33.2	
Louisiana	214,280	12.5	316,713	18.5	521,503	30.4	661,656	38.6	
Maine	171.823	33.1	235,431	45.3	99.625	19.2	12,288	2.4	
Maryland	701,219	31.6	755,469	34.0	437.604	19.7	324,545	14.6	
Massachusetts	1 065 645	41.2	696 044	26.9	453 561	17.5	371 571	14.4	
Michigan	1 094 539	29.2	1 307 187	34.9	911 866	24.3	437 266	11.7	
Minnesota	891 475	43.0	805 154	38.8	255 461	12.3	122 114	59	
Mississinni	98 262	91	185 516	17.2	336 649	31.2	457 458	42.4	
Missouri	587 594	25.9	676 172	29.8	680,539	30.0	325 811	14.4	
Montana	143 520	35.7	178 278	44.4	67 130	16.7	12 634	3.1	
Nehraska	282 635	40.2	225 917	32.2	120 942	17.2	73 089	10.4	
Nevada	197 986	17.9	325 402	29.4	258 194	23.3	326 055	29.4	
New Hampshire	227,385	43.4	204 434	39.0	77 438	14.8	15,090	29	
New Jersev	1 140 388	34.0	1 078 175	32.2	577 870	17.2	555 005	16.6	
New Mexico	161 704	20.8	151 436	19.5	188.018	24.2	277 312	35.6	
New York	1 864 508	25.0	1 060 05/	26.4	1 628 383	21.2	1 003 783	26.7	
North Carolina	838 155	20.0	809,054	20.4	1,020,303	21.0	1,008,650	20.7	
North Dakota	050,100	22.0	1/7 201	50.0	1,070,007	15.0	8 214	27.1	
Obio	1 230 553	28.3	1 / 75 188	34.0	1 033 183	23.8	602 837	13.0	
Oklahoma	260,005	18.1	306.060	27.5	473 663	20.0	310 687	21.6	
Oregon	433 680	28.0	504.053	27.5	475,005	28.3	174 240	21.0	
Dependencia	433,000	20.0	1 762 026	36.1	430,000	20.0	580 175	10.1	
Perinsylvania Duorto Pico	1,410,200	20.9	75.044	50.1	1,121,210	23.0	012 275	12.1	
Puerlo Rico Dhada Ialand	33,000	2.0	10,944	20.0	253,054	19.0	913,373	71.4	
Riloue Islanu	07,400	21.0	107,920	39.0	74,000	10.0	04,004 500 700	20.9	
South Carolina	300,001	21.2	431,230	20.7	474,731	20.1	520,700	29.0	
South Dakota	100,009	33.Z	122,900	38.Z	05,209	20.3	27,080	0.4	
Tennessee	475,339	19.4	524,709	21.4	816,083	33.3	635,856	25.9	
Texas	2,063,884	20.8	1,935,209	19.5	2,121,314	21.4	3,815,226	38.4	
Utan	436,829	42.1	311,117	30.0	192,768	10.0	97,137	9.4	
vermont	78,350	31.8	116,160	47.2	49,253	20.0	2,542	1.0	
Virginia	975,456	30.9	837,211	26.5	820,400	26.0	528,327	16.7	
Washington	9/1,457	35.3	896,838	32.6	593,571	21.5	292,569	10.6	
West Virginia	78,141	10.9	173,301	24.3	287,954	40.3	175,198	24.5	
Wisconsin	794,264	36.1	903,373	41.0	364,774	16.6	140,250	6.4	
Wyoming	71,811	31.7	103,037	45.5	48,979	21.6	2,600	1.1	
Total ^a	32 129 046	26.4	33,109,687	27.2	27,539,340	22.6	28,908,900	23.8	

Table S2. Adults with less than high school diploma, by sex and area of residence, 2013–2017 5-year ACS estimates—census tract level, United States and Puerto Rico

Table S2. Adults with less than high school diploma, by sex and area of residence, 2013–2017 5-year ACS estimates—census tract level, United States and Puerto Rico (cont)

				Less	than high school diplomation	a (%)			
	<6		6.00–1	0.99	11.00–1	7.99	≥18	;	
Area of residence	No.	% ^b	No.	% ^b	No.	% ^b	No.	% ^b	
					Female				
Alabama	310,910	15.9	399,381	20.4	578,641	29.5	671,469	34.3	
Alaska	90,487	34.5	95,367	36.4	63,921	24.4	12,133	4.6	
Arizona	755,937	28.7	669,074	25.4	525,063	20.0	679,402	25.8	
Arkansas	151,685	12.9	255,281	21.8	466,867	39.8	297,962	25.4	
California	3,727,128	24.6	3,156,484	20.8	2,711,467	17.9	5,562,922	36.7	
Colorado	967,082	46.2	529,133	25.3	326,008	15.6	272,052	13.0	
Connecticut	556,532	37.9	486,323	33.1	218,717	14.9	206,656	14.1	
Delaware	86,923	22.5	132,918	34.4	109,377	28.3	57,131	14.8	
District of Columbia	122,657	41.6	46,400	15.7	82,162	27.9	43,553	14.8	
Florida	2,026,741	24.3	2,337,568	28.0	2,134,391	25.6	1,854,157	22.2	
Georgia	735,589	18.4	958,470	23.9	1,165,242	29.1	1,146,907	28.6	
Hawaii	225,311	40.4	201,648	36.1	100,727	18.0	30,445	5.5	
Idaho	164,670	26.8	229,982	37.4	157,214	25.6	62,842	10.2	
Illinois	1,600,865	31.4	1,528,093	30.0	1,051,809	20.7	911,745	17.9	
Indiana	498,957	19.3	861,950	33.3	779,387	30.1	444,980	17.2	
lowa	465,245	38.3	489,444	40.3	167,215	13.8	92,435	7.6	
Kansas	411,247	37.2	378,824	34.2	184,289	16.7	132,285	12.0	
Kentucky	280,393	16.0	393,000	22.4	504,927	28.8	574,564	32.8	
Louisiana	232,440	12.7	340,852	18.6	571,036	31.1	692,248	37.7	
Maine	188,728	34.1	249,227	45.0	103,859	18.7	12,350	2.2	
Maryland	780,400	32.1	836,630	34.4	487,910	20.1	324,689	13.4	
Massachusetts	1,177,602	41.8	753,151	26.7	488,385	17.3	399,828	14.2	
Michigan	1,160,677	29.3	1,380,498	34.8	972,021	24.5	452,993	11.4	
Minnesota	934,917	43.9	815,509	38.3	260,165	12.2	119,593	5.6	
Mississippi	110,020	9.3	205,802	17.4	375,685	31.8	490,527	41.5	
Missouri	629,057	26.0	730,503	30.2	723,544	30.0	332,671	13.8	
Montana	144,363	35.9	178.823	44.5	66,638	16.6	12,318	3.1	
Nebraska	297,494	41.2	233,034	32.3	120,852	16.7	70,139	9.7	
Nevada	208,369	18.8	339,800	30.6	262,744	23.7	299,173	27.0	
New Hampshire	237,309	43.7	213,961	39.4	77,778	14.3	14,596	2.7	
New Jersey	1,234,369	34.2	1,170,380	32.4	635,463	17.6	568,690	15.8	
New Mexico	174,003	21.5	160,398	19.8	198,093	24.5	276,137	34.1	
New York	2,041,223	25.1	2,134,044	26.2	1,789,902	22.0	2,174,027	26.7	
North Carolina	894,601	22.2	890,612	22.1	1,167,689	28.9	1,082,835	26.8	
North Dakota	91,301	32.6	136.361	48.7	44,701	15.9	7,922	2.8	
Ohio	1,313,834	28.3	1,598,070	34.4	1,114,205	24.0	614,718	13.2	
Oklahoma	279,610	18.7	419,419	28.0	500,040	33.4	299,592	20.0	
Oregon	456,205	28.3	534,397	33.2	447,066	27.8	172,361	10.7	
Pennsylvania	1,529,947	29.3	1,880,745	36.0	1,197,797	23.0	609,497	11.7	
Puerto Rico	43,430	3.0	92,579	6.3	309,093	21.2	1,013,875	69.5	
Rhode Island	93,849	21.3	173,238	39.3	83,749	19.0	89,960	20.4	
South Carolina	418,108	21.1	472,983	23.9	524,883	26.5	565,159	28.5	
South Dakota	108,690	33.7	122,939	38.1	64,473	20.0	26,178	8.1	
Tennessee	528,674	20.0	568,630	21.5	886,661	33.5	663,782	25.1	
Texas	2,172,026	21.1	2,068,746	20.1	2,258,717	22.0	3,771,373	36.7	
Utah	441,294	42.2	316,839	30.3	193,019	18.5	93,527	9.0	
Vermont	83,167	32.2	121,144	46.9	51,341	19.9	2,899	1.1	
Virginia	1,021,440	30.6	904,951	27.1	869.114	26.0	542,779	16.3	
Washington	994,278	35.5	921.271	32.9	596.618	21.3	287.989	10.3	
West Virginia	80.052	10.7	183.853	24.7	301.023	40.4	180.452	24.2	
Wisconsin	829.687	36.6	926,430	40.9	363.065	16.0	147.424	6.5	
Wyoming	69.671	31.9	100.675	46.1	45.470	20.8	2.599	1.2	
Total ^a	34,179,194	26.6	35,325,834	27.5	29,480,223	23.0	29,468,540	22.9	

Table S2. Adults with less than high school diploma, by sex and area of residence, 2013–2017 5-year ACS estimates—census tract level, United States and Puerto Rico (cont)

					Less	than high s	chool diploma	a (%)				
		<6		6	.00–10.9	9	11	.00–17.9	99		≥18	
Area of residence	No.	% ^c	% ^d	No.	% ^c	% ^d	No.	% ^c	% ^d	No.	% ^c	% ^d
						Tot	al					
Alabama	597,925	16.0	0.9	753,051	20.1	1.1	1,099,055	29.3	1.9	1,298,058	34.6	2.2
Alaska	191,406	34.7	0.3	199,779	36.2	0.3	134,416	24.3	0.2	26,718	4.8	0.0
Arizona	1,469,576	28.3	2.2	1,294,235	24.9	1.9	1,035,845	20.0	1.8	1,387,864	26.8	2.4
Arkansas	292,532	12.9	0.4	489,931	21.6	0.7	904,668	39.8	1.6	585,095	25.7	1.0
California	7,266,439	24.3	11.0	6,157,402	20.6	9.0	5,283,823	17.7	9.3	11,160,463	37.4	19.1
Colorado	1,919,759	45.9	2.9	1,051,347	25.1	1.5	652,261	15.6	1.1	561,819	13.4	1.0
Connecticut	1,077,748	38.1	1.6	932,156	32.9	1.4	421,685	14.9	0.7	400,157	14.1	0.7
Delaware	165,775	22.4	0.3	253,898	34.3	0.4	205,632	27.8	0.4	114,374	15.5	0.2
District of Columbia	231,269	41.7	0.3	89,864	16.2	0.1	151,017	27.2	0.3	82,183	14.8	0.1
Florida	3,881,117	24.0	5.9	4,482,655	27.7	6.6	4,093,659	25.3	7.2	3,709,434	22.9	6.4
Georgia	1,428,180	18.5	2.2	1,809,752	23.5	2.6	2,206,609	28.6	3.9	2,257,891	29.3	3.9
Hawaii	457,063	41.0	0.7	396,192	35.6	0.6	198,188	17.8	0.3	62,632	5.6	0.1
Idaho	324,793	26.6	0.5	455,394	37.2	0.7	314,520	25.7	0.6	128,057	10.5	0.2
Illinois	3,097,776	31.3	4.7	2,949,729	29.8	4.3	2,021,357	20.4	3.5	1,826,667	18.5	3.1
Indiana	970,733	19.3	1.5	1,674,930	33.3	2.4	1,514,463	30.1	2.7	876,437	17.4	1.5
lowa	912,553	38.2	1.4	966,639	40.5	1.4	325,999	13.6	0.6	184,207	7.7	0.3
Kansas	805,634	36.9	1.2	747,383	34.2	1.1	361,123	16.5	0.6	271,406	12.4	0.5
Kentucky	543,244	15.9	0.8	760,277	22.3	1.1	982,284	28.8	1.7	1,125,979	33.0	1.9
Louisiana	446,720	12.6	0.7	657,565	18.5	1.0	1,092,539	30.8	1.9	1,353,904	38.1	2.3
Maine	360,551	33.6	0.5	484,658	45.2	0.7	203,484	19.0	0.4	24,638	2.3	0.0
Maryland	1,481,619	31.9	2.2	1,592,099	34.2	2.3	925,514	19.9	1.6	649,234	14.0	1.1
Massachusetts	2,243,247	41.5	3.4	1,449,195	26.8	2.1	941,946	17.4	1.7	771,399	14.3	1.3
Michigan	2,255,216	29.2	3.4	2,687,685	34.8	3.9	1,883,887	24.4	3.3	890,259	11.5	1.5
Minnesota	1,826,392	43.4	2.8	1,620,663	38.5	2.4	515,626	12.3	0.9	241,707	5.7	0.4
Mississippi	208,282	9.2	0.3	391,318	17.3	0.6	712,334	31.5	1.2	947,985	41.9	1.6
Missouri	1,216,651	26.0	1.8	1,406,675	30.0	2.1	1,404,083	30.0	2.5	658,482	14.1	1.1
Montana	287,883	35.8	0.4	357,101	44.4	0.5	133,768	16.6	0.2	24,952	3.1	0.0
Nebraska	580,129	40.7	0.9	458,951	32.2	0.7	241,794	17.0	0.4	143,228	10.1	0.2
Nevada	406,355	18.3	0.6	665,202	30.0	1.0	520,938	23.5	0.9	625,228	28.2	1.1
New Hampshire	464,694	43.5	0.7	418,395	39.2	0.6	155,216	14.5	0.3	29,686	2.8	0.1
New Jersey	2,3/4,757	34.1	3.6	2,248,555	32.3	3.3	1,213,333	17.4	2.1	1,123,695	16.1	1.9
New Mexico	335,707	21.2	0.5	311,834	19.6	0.5	386,111	24.3	0.7	553,449	34.9	0.9
New York	3,905,731	25.0	5.9	4,103,098	26.3	6.0	3,418,285	21.9	6.0	4,167,810	26.7	/.1
North Carolina	1,732,756	22.3	2.6	1,700,065	21.9	2.5	2,238,576	28.8	3.9	2,091,485	26.9	3.0
North Dakota	186,448	32.4	0.3	283,682	49.3	0.4	88,839	15.4	0.2	16,136	2.8	0.0
Onio	2,544,387	28.3	3.8	3,073,258	34.Z	4.5	2,147,388	23.9	3.8	1,217,555	13.0	2.1
Oklanoma	340,313	10.4	0.8	015,479	21.1	1.2	973,703	33.1	1.7	010,279	20.8	1.0
Oregon	009,000	20.2	1.3	1,038,450	32.9	1.5	000,920	28.0	1.0	340,010	11.0	0.0
Pennsylvania	2,940,232	29.1	4.4	3,043,071	30.1	5.3	2,319,013	23.0	4.1	1,198,072	70.4	Z. I
Puerto Rico	19,110	2.9	0.1	100,523	20.2	0.2	302,747	20.0	1.0	1,927,250	70.4	3.3
South Carolina	804 700	21.4	0.3	004 221	39.Z	0.0	100,429	10.7	0.3	1 / 4,024	20.7	0.5
South Dakota	215 570	21.2	1.2	245 004	20.0	1.5	120 7/2	20.3	1.0	53 258	20.0	0.1
Souli Dakola	210,079	33.4 10.7	0.3	1 002 220	30.Z	0.4	1 702 744	20.1	0.2	1 200 629	0.0	0.1
Terre	1,004,013	21.0	6.4	1,093,339	10.8	5.0	1,702,744	21.7	3.0 7.7	7 586 500	25.5	13.0
l Itah	878 123	121.0	13	4,003,355	30.2	0.0	385 787	18.5	0.7	190 664	0.2	0.3
Vermont	161 517	32.0	0.2	237 30/	17.0	0.3	100 59/	10.0	0.7	5 //1	1.1	0.0
Virginia	1 996 896	30.7	3.0	1 7/2 162	26.8	2.5	1 689 51/	26.0	3.0	1 071 106	16.5	1.8
Washington	1 965 735	35.4	3.0	1 818 102	32.7	2.5	1 190 180	20.0	21	580 558	10.5	1.0
West Virginia	158 103	10.8	0.0	357 15/	24 5	0.5	588 077	40.3	1.1	355 650	24 /	0.6
Wisconsin	1 623 951	36.3	24	1 829 803	40.9	27	727 839	16.3	1.0	287 674	64	0.5
Wyoming	141 482	31.8	0.2	203 712	45.8	0.3	94 449	21.2	0.2	5 199	12	0.0
Total ^a	66,308,240	26.5	100	68,435,521	27.4	100	57,019,563	22.8	100	58,377,440	23.3	100

Abbreviation. ACS, American Community Survey.

Note. Proportion of residents in the census tract with less than a high school diploma at the time of the survey response (individuals aged 18 years and older).

^a Percentage of male residents of area.

^b Percentage of female residents of area.

^C Percentage of residents of area.

^d Percentage of SDH subpopulation total.

Table S3. Median household income among adults, by sex and area of residence, 2013–2017 5-year ACS estimates—census tract level, United States and Puerto Rico

				Medi	ian household income (U.	S. \$)			
	<40,0	00	40,000	53,999	54,000–7	4,999	≥75,0	00	
Area of residence	No.	% ^a	No.	% ^a	No.	% ^a	No.	% ^a	
					Male				
Alabama	636,770	35.6	562,104	31.4	382,400	21.4	206,202	11.5	
Alaska	12,844	4.5	25,609	8.9	95,418	33.1	154,273	53.5	
Arizona	675,552	26.5	671,309	26.3	617,571	24.2	587,134	23.0	
Arkansas	425,819	38.8	395,687	36.0	220,450	20.1	56,629	5.2	
California	1,983,116	13.6	2,733,587	18.7	3,819,155	26.1	6,075,839	41.6	
Colorado	225,434	10.9	458,117	22.1	610,251	29.4	781,132	37.6	
Connecticut	146,661	10.8	147,620	10.9	318,261	23.5	743,590	54.8	
Delaware	24,548	6.9	90,067	25.5	138,251	39.1	100,464	28.4	
District of Columbia	40,558	15.7	26,706	10.4	34,155	13.2	156,419	60.7	
Florida	2,002,079	25.7	2,391,550	30.7	2,122,769	27.2	1,274,494	16.4	
Georgia	932,055	25.3	990,442	26.8	989,728	26.8	776,849	21.1	
Hawaii	30,483	5.5	67,206	12.1	165,733	29.9	290,667	52.5	
Idaho	112,626	18.5	227,764	37.5	221,534	36.4	46,132	7.6	
Illinois	701,830	14.6	1,106,301	23.1	1,449,241	30.2	1,540,838	32.1	
Indiana	531,804	21.8	706,977	29.0	804,730	33.0	397,549	16.3	
lowa	127,763	10.9	376,717	32.1	492,042	42.0	175,416	15.0	
Kansas	190,547	17.7	356,729	33.1	294,089	27.3	237,536	22.0	
Kentucky	601,170	36.4	469,669	28.4	385,489	23.3	195,212	11.8	
Louisiana	559,758	32.7	512,422	29.9	431,080	25.2	208,911	12.2	
Maine	91,425	17.6	176,481	34.0	196,394	37.8	54,867	10.6	
Maryland	134,009	6.1	255,850	11.6	536,506	24.4	1,271,721	57.9	
Massachusetts	247,649	9.6	288,741	11.2	676,371	26.2	1,368,983	53.0	
Michigan	818,176	22.0	1,068,199	28.7	1,111,763	29.8	726,983	19.5	
Minnesota	159,803	7.7	434,307	21.0	765,349	36.9	712,082	34.4	
Mississippi	491,034	45.7	338,670	31.5	187,135	17.4	58,209	5.4	
Missouri	550,378	24.3	714,807	31.5	607,668	26.8	396,421	17.5	
Montana	82,425	20.6	140,694	35.1	151,309	37.7	26,522	6.6	
Nebraska	76,857	11.0	251,430	36.0	233,622	33.5	136,455	19.5	
Nevada	234,827	21.2	267,012	24.1	377,952	34.1	227,835	20.6	
New Hampshire	29,527	5.6	68,620	13.1	204,329	39.0	221,871	42.3	
New Jersey	316,046	9.5	403,492	12.1	793,835	23.8	1.825,314	54.7	
New Mexico	287,303	36.9	232,944	29.9	160,582	20.6	97,641	12.5	
New York	1,190,104	16.1	1,479,263	20.0	1,950,857	26.4	2,781,047	37.6	
North Carolina	1,004,493	27.1	1,254,944	33.9	874,010	23.6	572,335	15.4	
North Dakota	26,322	8.9	69,458	23.6	115,770	39.3	83,270	28.2	
Ohio	969,701	22.4	1,177,220	27.2	1,357,911	31.4	818,878	18.9	
Oklahoma	386,964	26.9	499,584	34.8	362,964	25.3	186,984	13.0	
Oregon	251,886	16.2	450,954	29.1	530,419	34.2	317,583	20.5	
Pennsylvania	787,488	16.2	1,274,221	26.2	1,607,002	33.1	1,186,367	24.4	
Puerto Rico	1,188,015	93.1	68,478	5.4	16,655	1.3	3,294	0.3	
Rhode Island	73,917	18.3	69,889	17.3	128,104	31.6	132,850	32.8	
South Carolina	562,186	31.2	544,356	30.2	484,158	26.9	212,106	11.8	
South Dakota	53,324	16.5	111,114	34.5	115,823	35.9	41,942	13.0	
Tennessee	765,518	31.3	778,086	31.9	564,272	23.1	334,115	13.7	
Texas	2,194,210	22.2	2,449,645	24.8	2,576,368	26.0	2,672,096	27.0	
Utah	91,347	8.8	212,889	20.6	351,069	33.9	380,338	36.7	
Vermont	22,876	9.3	69,592	28.3	125,168	50.8	28,669	11.6	
Virginia	377,621	12.0	649,489	20.7	730,933	23.3	1,384,839	44.1	
Washington	236,682	8.6	588,627	21.4	860,578	31.3	1,063,816	38.7	
West Virginia	255,092	35.7	286,222	40.1	149,480	20.9	23,242	3.3	
Wisconsin	284,737	12.9	654,584	29.7	799,117	36.3	462,648	21.0	
Wyoming	13,414	5.9	50,991	22.5	110,091	48.6	51,931	22.9	
Total ^a	24,216,773	20.0	29,697,436	24.5	33,405,911	27.6	33,868,540	27.9	

				Medi	ian household income (U.	S. \$)		
	<40,0	00	40,000-3	53,999	54,000–7	4,999	≥75,0	00
Area of residence	No.	% ^b	No.	% ^b	No.	% ^b	No.	% ^b
					Female			
Alabama	719,323	36.7	610,577	31.2	411,152	21.0	218,821	11.2
Alaska	11,351	4.3	22,888	8.8	83,263	31.9	143,890	55.0
Arizona	685,362	26.1	671,364	25.6	647,960	24.7	621,636	23.7
Arkansas	458,739	39.2	417,707	35.6	235,013	20.1	60,285	5.1
California	2,057,281	13.6	2,794,982	18.5	3,962,681	26.2	6,325,501	41.8
Colorado	225,298	10.8	454,817	21.8	614,947	29.4	795,711	38.1
Connecticut	166,663	11.4	163,458	11.1	349,655	23.8	787,104	53.7
Delaware	29,702	7.7	99,369	25.7	151,332	39.2	105,946	27.4
District of Columbia	55,291	18.9	31,983	10.9	37,800	12.9	167,715	57.3
Florida	2,139,531	25.7	2,568,763	30.8	2,272,545	27.2	1,359,719	16.3
Georgia	1,024,633	25.6	1,085,216	27.1	1,067,986	26.7	827,838	20.7
Hawaii	29,792	5.3	66,823	12.0	164,233	29.4	297,104	53.2
Idaho	112,115	18.2	230,577	37.5	223,254	36.3	48,762	7.9
Illinois	792,464	15.6	1,154,171	22.7	1,521,262	29.9	1,622,905	31.9
Indiana	588,811	22.8	742,918	28.8	830,942	32.2	416,145	16.1
lowa	126,407	10.4	395,771	32.7	508,475	42.0	181,398	15.0
Kansas	196,748	17.8	360,449	32.6	303,156	27.4	246,292	22.3
Kentucky	648,723	37.1	494,292	28.3	402,235	23.0	203.934	11.7
Louisiana	627.624	34.2	535.842	29.2	449.468	24.5	223.053	12.1
Maine	96.557	17.4	188.859	34.1	209.537	37.8	59.211	10.7
Marvland	163,433	6.7	291.654	12.0	593.876	24.5	1.378.065	56.8
Massachusetts	285,132	10.1	314,945	11.2	736.592	26.2	1,479,171	52.5
Michigan	900.021	22.8	1.130.732	28.6	1.168.494	29.5	755.951	19.1
Minnesota	166.949	7.8	448,248	21.1	780.925	36.7	732.925	34.4
Mississippi	551,653	46.7	362.493	30.7	202.294	17.1	64.169	5.4
Missouri	612,768	25.4	736.930	30.5	647.257	26.8	417.340	17.3
Montana	82,638	20.6	140,706	35.0	153,908	38.3	24,864	6.2
Nebraska	78,935	11.0	257.856	35.9	239,266	33.3	142.074	19.8
Nevada	220,696	19.9	265.667	23.9	388.648	35.0	235.075	21.2
New Hampshire	29.801	5.5	72.522	13.3	210.893	38.8	230,428	42.4
New Jersev	363,726	10.1	431.315	12.0	854.534	23.7	1.958.962	54.3
New Mexico	293,298	36.3	248.757	30.8	166.331	20.6	100.245	12.4
New York	1.417.127	17.5	1.582.983	19.5	2.088.914	25.8	3.021.644	37.3
North Carolina	1.128.920	28.0	1.329.420	33.0	954.763	23.7	619.478	15.4
North Dakota	22.665	8.1	68.711	24.5	111.084	39.6	77.825	27.8
Ohio	1.089.999	23.5	1.260.866	27.2	1.426.639	30.8	858.640	18.5
Oklahoma	406,185	27.2	509.264	34.1	381.724	25.5	197.723	13.2
Oregon	259,169	16.1	465.780	28.9	554.612	34.4	330,468	20.5
Pennsylvania	907.724	17.4	1.349.115	25.9	1.693.111	32.5	1.260.098	24.2
Puerto Rico	1.361.037	93.3	74.851	5.1	18.583	1.3	4.408	0.3
Rhode Island	81.005	18.4	77.136	17.5	143.171	32.5	139,484	31.6
South Carolina	638.291	32.4	581,404	29.5	522,575	26.5	229.330	11.6
South Dakota	54.091	16.8	110.773	34.4	113.431	35.2	43,985	13.6
Tennessee	845.585	32.0	823.845	31.2	605.416	22.9	367.180	13.9
Texas	2.295.215	22.4	2,504,679	24.4	2.654.313	25.9	2.801.336	27.3
Utah	91.077	8.7	208.207	19.9	363.163	34.8	382.130	36.6
Vermont	23.716	9.2	73,110	28.3	131.914	51.0	29.811	11.5
Virginia	406,680	12.2	698,650	21.0	770,949	23.2	1.451.522	43.6
Washington	241,203	8.6	590,139	21.1	884.050	31.6	1.084.454	38.7
West Virginia	270 143	36.3	296 949	39.9	152 814	20.5	24 838	3.3
Wisconsin	310.049	13.7	671,298	29.6	812,731	35.9	471,934	20.8
Wyoming	11 806	5.4	51,361	23.5	106 501	48.8	48 747	22.3
Total ^a	26,403,152	20.6	31,121,192	24.3	35,080,372	27.3	35,677,274	27.8

Table S3. Median household income among adults, by sex and area of residence, 2013–2017 5-year ACS estimates—census tract level, United States and Puerto Rico (cont)

					Medi	an househo	ld income (U.	S. \$)				
		<40,000		40,	000–53,9	99	54,0	000–74,9	999		≥75,000	
Area of residence	No.	% ^c	% ^d	No.	% ^c	% ^d	No.	% ^c	% ^d	No.	% ^c	% ^d
						Tota	l					
Alabama	1,356,093	36.2	2.7	1,172,681	31.3	1.9	793,552	21.2	1.2	425,023	11.3	0.6
Alaska	24,195	4.4	0.0	48,497	8.8	0.1	178,681	32.5	0.3	298,163	54.3	0.4
Arizona	1,360,914	26.3	2.7	1,342,673	25.9	2.2	1,265,531	24.4	1.8	1,208,770	23.3	1.7
Arkansas	884,558	39.0	1.7	813,394	35.8	1.3	455,463	20.1	0.7	116,914	5.1	0.2
California	4,040,397	13.6	8.0	5,528,569	18.6	9.1	7,781,836	26.2	11.4	12,401,340	41.7	17.8
Colorado	450,732	10.8	0.9	912,934	21.9	1.5	1,225,198	29.4	1.8	1,576,843	37.9	2.3
Connecticut	313,324	11.1	0.6	311,078	11.0	0.5	667,916	23.7	1.0	1,530,694	54.2	2.2
Delaware	54,250	7.3	0.1	189,436	25.6	0.3	289,583	39.1	0.4	206,410	27.9	0.3
District of Columbia	95,849	17.4	0.2	58,689	10.7	0.1	71,955	13.1	0.1	324,134	58.9	0.5
Florida	4,141,610	25.7	8.2	4,960,313	30.7	8.2	4,395,314	27.2	6.4	2,634,213	16.3	3.8
Georgia	1,956,688	25.4	3.9	2,075,658	27.0	3.4	2,057,714	26.7	3.0	1,604,687	20.9	2.3
Hawaii	60,275	5.4	0.1	134,029	12.1	0.2	329,966	29.7	0.5	587,771	52.9	0.8
Idaho	224,741	18.4	0.4	458,341	37.5	0.8	444,788	36.4	0.6	94,894	7.8	0.1
Illinois	1,494,294	15.1	3.0	2,260,472	22.9	3.7	2,970,503	30.0	4.3	3,163,743	32.0	4.5
Indiana	1,120,615	22.3	2.2	1,449,895	28.9	2.4	1,635,672	32.6	2.4	813,694	16.2	1.2
lowa	254,170	10.7	0.5	772,488	32.4	1.3	1,000,517	42.0	1.5	356,814	15.0	0.5
Kansas	387,295	17.7	0.8	717,178	32.8	1.2	597,245	27.3	0.9	483,828	22.1	0.7
Kentucky	1,249,893	36.8	2.5	963,961	28.3	1.6	787,724	23.2	1.2	399,146	11.7	0.6
Louisiana	1,187,382	33.5	2.3	1,048,264	29.5	1.7	880,548	24.8	1.3	431,964	12.2	0.6
Maine	187,982	17.5	0.4	365,340	34.0	0.6	405,931	37.8	0.6	114,078	10.6	0.2
Maryland	297,442	6.4	0.6	547,504	11.8	0.9	1,130,382	24.4	1.7	2,649,786	57.3	3.8
Massachusetts	532,781	9.9	1.1	603,686	11.2	1.0	1,412,963	26.2	2.1	2,848,154	52.8	4.1
Michigan	1,718,197	22.4	3.4	2,198,931	28.6	3.6	2,280,257	29.7	3.3	1,482,934	19.3	2.1
Minnesota	326,752	7.8	0.6	882,555	21.0	1.5	1,546,274	36.8	2.3	1,445,007	34.4	2.1
Mississippi	1,042,687	46.2	2.1	701,163	31.1	1.2	389,429	17.3	0.6	122,378	5.4	0.2
Missouri	1,163,146	24.8	2.3	1,451,737	31.0	2.4	1,254,925	26.8	1.8	813,761	17.4	1.2
Montana	165,063	20.6	0.3	281,400	35.0	0.5	305,217	38.0	0.4	51,386	6.4	0.1
Nebraska	155,792	11.0	0.3	509,286	36.0	0.8	472,888	33.4	0.7	278,529	19.7	0.4
Nevada	455,523	20.5	0.9	532,679	24.0	0.9	766,600	34.6	1.1	462,910	20.9	0.7
New Hampshire	59,328	5.6	0.1	141,142	13.2	0.2	415,222	38.9	0.6	452,299	42.4	0.7
New Jersey	679,772	9.8	1.3	834,807	12.0	1.4	1,648,369	23.7	2.4	3,784,276	54.5	5.4
New Mexico	580,601	36.6	1.1	481,701	30.4	0.8	326,913	20.6	0.5	197,886	12.5	0.3
New York	2,607,231	16.8	5.2	3,062,246	19.7	5.0	4,039,771	26.0	5.9	5,802,691	37.4	8.3
North Carolina	2,133,413	27.6	4.2	2,584,364	33.4	4.2	1,828,773	23.6	2.7	1,191,813	15.4	1.7
North Dakota	48,987	8.5	0.1	138,169	24.0	0.2	226,854	39.4	0.3	161,095	28.0	0.2
Ohio	2,059,700	23.0	4.1	2,438,086	27.2	4.0	2,784,550	31.1	4.1	1,677,518	18.7	2.4
Oklahoma	793,149	27.1	1.6	1,008,848	34.4	1.7	744,688	25.4	1.1	384,707	13.1	0.6
Oregon	511,055	16.2	1.0	916,734	29.0	1.5	1,085,031	34.3	1.6	648,051	20.5	0.9
Pennsylvania	1,695,212	16.8	3.3	2,623,336	26.1	4.3	3,300,113	32.8	4.8	2,446,465	24.3	3.5
Puerto Rico	2,549,052	93.2	5.0	143,329	5.2	0.2	35,238	1.3	0.1	7,702	0.3	0.0
Rhode Island	154,922	18.3	0.3	147,025	17.4	0.2	271,275	32.1	0.4	272,334	32.2	0.4
South Carolina	1,200,477	31.8	2.4	1,125,760	29.8	1.9	1,006,733	26.7	1.5	441,436	11.7	0.6
South Dakota	107,415	16.7	0.2	221,887	34.4	0.4	229,254	35.6	0.3	85,927	13.3	0.1
Tennessee	1,611,103	31.7	3.2	1,601,931	31.5	2.6	1,169,688	23.0	1.7	701,295	13.8	1.0
lexas	4,489,425	22.3	8.9	4,954,324	24.6	8.1	5,230,681	26.0	7.6	5,473,432	27.2	7.9
Utah	182,424	8.8	0.4	421,096	20.2	0.7	714,232	34.3	1.0	762,468	36.7	1.1
Vermont	46,592	9.2	0.1	142,702	28.3	0.2	257,082	50.9	0.4	58,480	11.6	0.1
Virginia	/84,301	12.1	1.5	1,348,139	20.8	2.2	1,501,882	23.2	2.2	2,836,361	43.8	4.1
Washington	4/7,885	8.6	0.9	1,1/8,766	21.2	1.9	1,744,628	31.4	2.5	2,148,270	38.7	3.1
West Virginia	525,235	36.0	1.0	583,171	40.0	1.0	302,294	20.7	0.4	48,080	3.3	0.1
Wisconsin	594,786	13.3	1.2	1,325,882	29.7	2.2	1,611,848	36.1	2.4	934,582	20.9	1.3
vvyoming Total ^a	25,220	5./	0.0	102,352	23.0	0.2	216,592	48.7	0.3	100,678	22.6	U.1
Iotai	30,013,323	20.3	100	00,010,020	24.4	100	00,400,203	27.5	100	03,040,014	21.9	100

Table S3. Median household income among adults, by sex and area of residence, 2013–2017 5-year ACS estimates—census tract level, United States and Puerto Rico (cont)

Abbreviations. ACS, American Community Survey; SDH, social determinants of health [footnotes only].

Note. Median household income (all age groups) in the census tract.

^a Percentage of male residents of area.

^b Percentage of female residents of area.

^C Percentage of residents of area.

^d Percentage of SDH subpopulation total.

Table S4. Adults without health insurance, by sex and area of residence, 2013–2017 5-year ACS estimates—census tract level, United States and Puerto Rico

				Without health insurance (%)					
	<6		6.00–9	9.99	10.00–1	5.99	≥16		
Area of residence	No.	% ^a	No.	% ^a	No.	% ^a	No.	% ^a	
					Male				
Alabama	248,664	13.9	382,094	21.4	638,277	35.7	518,653	29.0	
Alaska	29,392	10.1	24,067	8.3	93,469	32.2	143,483	49.4	
Arizona	579,710	22.7	549,409	21.5	646,016	25.3	776,539	30.4	
Arkansas	106,566	9.7	282,918	25.7	465,619	42.3	245,328	22.3	
California	3,685,799	25.2	3,306,653	22.6	3,456,385	23.6	4,187,563	28.6	
Colorado	638,394	30.7	523,409	25.2	515,894	24.8	403,037	19.4	
Connecticut	808,124	59.4	251,077	18.4	161,333	11.8	140,986	10.4	
Delaware	144,856	41.0	138,108	39.1	55,227	15.6	15,139	4.3	
District of Columbia	172,924	66.6	47,357	18.2	33,640	13.0	5,640	2.2	
Florida	772,251	9.9	1,131,964	14.5	2,209,298	28.3	3,689,750	47.3	
Georgia	323,401	8.8	459,270	12.4	1,099,767	29.8	1,808,728	49.0	
Hawaii	353,926	63.8	169,450	30.5	29,537	5.3	2,003	0.4	
Idaho	47,584	7.8	118,009	19.4	233,226	38.4	209,237	34.4	
Illinois	1,835,273	38.2	1,155,393	24.1	927,904	19.3	884,132	18.4	
Indiana	498,932	20.4	758,273	30.9	709,175	28.9	484,909	19.8	
lowa	672,353	57.2	319,685	27.2	134,392	11.4	48,629	4.1	
Kansas	297,652	27.6	304,670	28.2	273,661	25.4	202,918	18.8	
Kentucky	447,976	27.1	601,581	36.4	493,918	29.9	110,492	6.7	
Louisiana	149,738	8.7	272,790	15.9	540,872	31.6	748,989	43.7	
Maine	85,409	16.5	200,927	38.7	197,337	38.0	35,494	6.8	
Maryland	1,044,571	47.4	565,794	25.7	354,821	16.1	238,411	10.8	
Massachusetts	2,228,200	86.1	268,153	10.4	76,882	3.0	13,377	0.5	
Michigan	1,341,495	35.9	1,299,281	34.8	837,626	22.4	257,519	6.9	
Minnesota	1,278,871	61.7	533,689	25.8	185,784	9.0	73,886	3.6	
Mississippi	58,078	5.4	121,075	11.2	344,577	32.0	554,060	51.4	
Missouri	492,065	21.7	512,649	22.6	718,734	31.7	546,668	24.1	
Montana	42,790	10.7	124,650	31.1	154,885	38.6	78,658	19.6	
Nebraska	212,220	30.3	201,952	28.8	176,819	25.2	110,223	15.7	
Nevada	152,292	13.7	188,596	17.0	344,184	31.1	422,554	38.1	
New Hampshire	164,369	31.3	185,923	35.5	144,106	27.5	29,949	5.7	
New Jersey	1,229,378	36.8	742,787	22.2	590,145	17.7	776,543	23.3	
New Mexico	123,514	15.9	138,350	17.8	246,722	31.7	269,884	34.7	
New York	3,086,660	41.5	1,948,917	26.2	1,387,086	18.6	1,015,409	13.7	
North Carolina	441,232	11.9	739,065	19.9	1,228,100	33.0	1,310,006	35.2	
North Dakota	113,015	38.3	102,954	34.9	59,794	20.3	19,057	6.5	
Ohio	1,649,712	38.0	1,411,283	32.5	923,739	21.3	353,179	8.1	
Oklahoma	100,455	7.0	197,991	13.7	420,841	29.2	722,028	50.1	
Oregon	301,115	19.4	541,441	34.9	509,440	32.8	198,846	12.8	
Pennsylvania	2,198,999	45.1	1,525,982	31.3	745,837	15.3	407,047	8.3	
Puerto Rico	545,550	42.7	509,727	39.9	187,970	14.7	33,273	2.6	
Rhode Island	215,687	53.3	92,790	22.9	50,499	12.5	45,784	11.3	
South Carolina	190,450	10.5	323,269	17.9	687,982	38.0	609,084	33.6	
South Dakota	82,817	25.7	118,508	36.8	66,106	20.5	54,772	17.0	
Tennessee	321,294	13.1	590,127	24.1	897,022	36.6	639,348	26.1	
Texas	834,035	8.4	1,258,409	12.7	1,889,282	19.1	5,930,225	59.8	
Utah	229,865	22.2	249,908	24.1	301,589	29.1	254,281	24.6	
Vermont	144,584	58.7	92,993	37.8	8,728	3.5	0	0.0	
Virginia	778,075	24.7	784,827	24.9	944,970	30.0	644,809	20.5	
Washington	820,611	29.8	883,088	32.1	711,254	25.8	339,482	12.3	
West Virginia	101,339	14.2	350,608	49.1	235,508	33.0	27,139	3.8	
Wisconsin	1,085,642	49.3	694,033	31.5	301,273	13.7	120,632	5.5	
Wyoming	14,960	6.6	53,357	23.6	91,323	40.3	66,787	29.5	
Total ^a	33,522,864	27.6	28,349,280	23.3	28,738,575	23.7	30,824,569	25.4	

				W	ithout health insurance (%	h insurance (%)							
	<6			9.99	10.00–1	5.99	≥16	≥16					
Area of residence	No.	% ^b	No.	% ^b	No.	% ^b	No.	% ^b					
					Female								
Alabama	271,206	13.8	413,444	21.1	691,833	35.3	583,918	29.8					
Alaska	24,414	9.3	21,994	8.4	86.536	33.0	128.964	49.2					
Arizona	621,600	23.7	581.069	22.1	639.838	24.4	783.890	29.8					
Arkansas	114.675	9.8	307.874	26.3	486.818	41.5	262.428	22.4					
California	3.887.617	25.6	3.448.144	22.8	3.590.470	23.7	4.230.260	27.9					
Colorado	654,717	31.3	532,533	25.4	516.474	24.7	390,506	18.6					
Connecticut	867,769	59.1	276.119	18.8	175.089	11.9	149.251	10.2					
Delaware	157,780	40.8	151.606	39.2	61.320	15.9	15.643	4.0					
District of Columbia	200,898	68.2	53.378	18.1	34.594	11.7	5.902	2.0					
Florida	853.882	10.2	1.244.924	14.9	2.389.848	28.6	3.863.508	46.3					
Georgia	334,922	8.4	492,527	12.3	1.205.844	30.1	1.972.547	49.2					
Hawaii	355.656	63.7	172,568	30.9	27.540	4.9	2.202	0.4					
Idaho	48.221	7.8	119.218	19.4	237.734	38.7	209.535	34.1					
Illinois	1.949.285	38.3	1.226.357	24.1	1.009.275	19.8	907.435	17.8					
Indiana	523,642	20.3	794,836	30.7	750,913	29.0	515.883	20.0					
lowa	698.393	57.5	330,193	27.2	138.518	11.4	47.235	3.9					
Kansas	302,051	27.3	318,747	28.8	281.005	25.4	204.842	18.5					
Kentucky	474.675	27.1	632.674	36.1	528.084	30.1	117.225	6.7					
Louisiana	156,813	8.5	289,309	15.8	584,883	31.9	805,262	43.9					
Maine	94,595	17.1	216,646	39.1	206,219	37.2	36,704	6.6					
Maryland	1,137,780	46.9	639,423	26.3	408,970	16.8	242,186	10.0					
Massachusetts	2,437,293	86.5	289.017	10.3	79.509	2.8	13,132	0.5					
Michigan	1,431,157	36.1	1.366.184	34.4	898,721	22.7	270,119	6.8					
Minnesota	1.322.998	62.1	542,482	25.5	193,126	9.1	71.578	3.4					
Mississippi	61,217	5.2	134,772	11.4	373,303	31.6	612,742	51.8					
Missouri	528 118	21.9	538 855	22.3	763 255	31.6	585.547	24.2					
Montana	42 641	10.6	124 834	31.0	155 800	38.7	78 867	19.6					
Nebraska	224 455	31.1	208 093	28.8	178 800	24.8	110 139	15.3					
Nevada	162 742	14.7	194 664	17.5	346 146	31.2	406.534	36.6					
New Hampshire	171 987	31.6	192 927	35.5	148 868	27.4	29.862	5.5					
New Jersev	1.332.682	36.9	814,796	22.6	649,159	18.0	812,100	22.5					
New Mexico	126 044	15.6	147 699	18.3	258 488	32.0	276 400	34.2					
New York	3.371.120	41.4	2.143.773	26.3	1.567.397	19.3	1.056.024	13.0					
North Carolina	459,899	11.4	802.481	19.9	1.342.796	33.3	1,429,927	35.4					
North Dakota	108,363	38.7	101,256	36.1	52,469	18.7	18,197	6.5					
Ohio	1.745.501	37.6	1.524.833	32.9	999.678	21.5	370.815	8.0					
Oklahoma	103.895	6.9	213.225	14.2	438.219	29.2	743.322	49.6					
Oregon	326,474	20.3	559,773	34.8	521.318	32.4	202.464	12.6					
Pennsylvania	2.335.996	44.8	1.622.671	31.1	822.436	15.8	436.883	8.4					
Puerto Rico	617,166	42.3	583,482	40.0	222,006	15.2	36.323	2.5					
Rhode Island	239 420	54.3	99,988	22.7	54 146	12.3	47 242	10.7					
South Carolina	202,499	10.2	348,924	17.6	753.120	38.1	673.026	34.0					
South Dakota	85.364	26.5	117.026	36.3	67.161	20.8	52,729	16.4					
Tennessee	352 013	13.3	640 494	24.2	963,828	36.4	690,941	26.1					
Texas	873 428	8.5	1 308 734	12.7	1 974 610	19.2	6 113 525	59.5					
Utah	233,140	22.3	252,994	24.2	310,232	29.7	248,211	23.8					
Vermont	153 235	59.3	96.537	37.3	8 779	3.4	0	0.0					
Virginia	819,960	24.6	834 427	25.0	1 005 176	30.1	678 289	20.3					
Washington	841 331	30.0	911 187	32.5	724 643	25.9	322 995	11.5					
West Virginia	110 266	14.8	363 092	48.7	24,040	32.6	29 133	39					
Wisconsin	1 119 754	49.4	705 548	31.1	318,335	14.0	122,100	5.4					
Wyoming	14 048	6.4	52 206	23.9	87 874	40.2	64 287	29.4					
Total ^a	35,684,797	27.8	30,100.557	23.4	30,574.092	23.8	32,079.648	25.0					

Table S4. Adults without health insurance, by sex and area of residence, 2013–2017 5-year ACS estimates—census tract level, United States and Puerto Rico (cont)

	Without health insurance (%)												
	<6			6.00–9.99 10.00–15.99					99	≥16			
Area of residence	No.	% ^c	% ^d	No.	% ^c	% ^d	No.	% ^c	% ^d	No.	% ^c	% ^d	
	Total												
Alabama	519,870	13.9	0.8	795,538	21.2	1.4	1,330,110	35.5	2.2	1,102,571	29.4	1.8	
Alaska	53,806	9.7	0.1	46,061	8.3	0.1	180,005	32.6	0.3	272,447	49.3	0.4	
Arizona	1,201,310	23.2	1.7	1,130,478	21.8	1.9	1,285,854	24.8	2.2	1,560,429	30.1	2.5	
Arkansas	221,241	9.7	0.3	590,792	26.0	1.0	952,437	41.9	1.6	507,756	22.3	0.8	
California	7,573,416	25.4	10.9	6,754,797	22.7	11.6	7,046,855	23.7	11.9	8,417,823	28.3	13.4	
Colorado	1,293,111	31.0	1.9	1,055,942	25.3	1.8	1,032,368	24.7	1.7	793,543	19.0	1.3	
Connecticut	1,675,893	59.2	2.4	527,196	18.6	0.9	336,422	11.9	0.6	290,237	10.3	0.5	
Delaware	302,636	40.9	0.4	289,714	39.2	0.5	116,547	15.8	0.2	30,782	4.2	0.0	
District of Columbia	373,822	67.4	0.5	100,735	18.2	0.2	68,234	12.3	0.1	11,542	2.1	0.0	
Florida	1,626,133	10.1	2.3	2,376,888	14.7	4.1	4,599,146	28.5	7.8	7,553,258	46.8	12.0	
Georgia	658,323	8.6	1.0	951,797	12.4	1.6	2,305,611	30.0	3.9	3,781,275	49.1	6.0	
Hawaii	709,582	63.8	1.0	342,018	30.7	0.6	57,077	5.1	0.1	4,205	0.4	0.0	
Idaho	95,805	7.8	0.1	237,227	19.4	0.4	470,960	38.5	0.8	418,772	34.2	0.7	
Illinois	3,784,558	38.2	5.5	2,381,750	24.1	4.1	1,937,179	19.6	3.3	1,791,567	18.1	2.8	
Indiana	1,022,574	20.3	1.5	1,553,109	30.8	2.7	1,460,088	29.0	2.5	1,000,792	19.9	1.6	
lowa	1,370,746	57.4	2.0	649,878	27.2	1.1	272,910	11.4	0.5	95,864	4.0	0.2	
Kansas	599,703	27.4	0.9	623,417	28.5	1.1	554,666	25.4	0.9	407,760	18.7	0.6	
Kentucky	922,651	27.1	1.3	1,234,255	36.2	2.1	1,022,002	30.0	1.7	227,717	6.7	0.4	
Louisiana	306,551	8.6	0.4	562,099	15.8	1.0	1,125,755	31.7	1.9	1,554,251	43.8	2.5	
Maine	180,004	16.8	0.3	417,573	38.9	0.7	403,556	37.6	0.7	72,198	6.7	0.1	
Maryland	2,182,351	47.1	3.2	1,205,217	26.0	2.1	763,791	16.5	1.3	480,597	10.4	0.8	
Massachusetts	4,665,493	86.3	6.7	557,170	10.3	1.0	156,391	2.9	0.3	26,509	0.5	0.0	
Michigan	2,772,652	36.0	4.0	2,665,465	34.6	4.6	1,736,347	22.5	2.9	527,638	6.9	0.8	
Minnesota	2,601,869	61.9	3.8	1,076,171	25.6	1.8	378,910	9.0	0.6	145,464	3.5	0.2	
Mississippi	119,295	5.3	0.2	255,847	11.3	0.4	717,880	31.8	1.2	1,166,802	51.6	1.9	
Missouri	1,020,183	21.8	1.5	1,051,504	22.4	1.8	1,481,989	31.6	2.5	1,132,215	24.2	1.8	
Montana	85,431	10.6	0.1	249,484	31.1	0.4	310,685	38.7	0.5	157,525	19.6	0.3	
Nebraska	436,675	30.7	0.6	410,045	28.8	0.7	355,619	25.0	0.6	220,362	15.5	0.4	
Nevada	315,034	14.2	0.5	383,260	17.3	0.7	690,330	31.1	1.2	829,088	37.4	1.3	
New Hampshire	336,356	31.5	0.5	378,850	35.5	0.6	292,974	27.4	0.5	59,811	5.6	0.1	
New Jersey	2,562,060	36.9	3.7	1,557,583	22.4	2.7	1,239,304	17.8	2.1	1,588,643	22.9	2.5	
New Mexico	249,558	15.7	0.4	286,049	18.0	0.5	505,210	31.8	0.9	546,284	34.4	0.9	
New York	6,457,780	41.5	9.3	4,092,690	26.3	7.0	2,954,483	19.0	5.0	2,071,433	13.3	3.3	
North Carolina	901,131	11.6	1.3	1,541,546	19.9	2.6	2,570,896	33.2	4.3	2,739,933	35.3	4.4	
North Dakota	221,378	38.5	0.3	204,210	35.5	0.3	112,263	19.5	0.2	37,254	6.5	0.1	
Ohio	3,395,213	37.8	4.9	2,936,116	32.7	5.0	1,923,417	21.4	3.2	723,994	8.1	1.2	
Oklahoma	204,350	7.0	0.3	411,216	14.0	0.7	859,060	29.2	1.4	1,465,350	49.8	2.3	
Oregon	627,589	19.9	0.9	1,101,214	34.8	1.9	1,030,758	32.6	1.7	401,310	12.7	0.6	
Pennsylvania	4,534,995	44.9	6.6	3,148,653	31.2	5.4	1,568,273	15.5	2.6	843,930	8.4	1.3	
Puerto Rico	1,162,716	42.5	1.7	1,093,209	40.0	1.9	409,976	15.0	0.7	69,596	2.5	0.1	
Rhode Island	455,107	53.8	0.7	192,778	22.8	0.3	104,645	12.4	0.2	93,026	11.0	0.1	
South Carolina	392,949	10.4	0.6	672,193	1/./	1.2	1,441,102	38.0	2.4	1,282,110	33.8	2.0	
South Dakota	168,181	26.1	0.2	235,534	36.5	0.4	133,267	20.7	0.2	107,501	16.7	0.2	
Tennessee	6/3,30/	13.2	1.0	1,230,621	24.2	2.1	1,860,850	36.5	3.1	1,330,289	26.1	2.1	
lexas	1,707,463	8.5	2.5	2,567,143	12.7	4.4	3,863,892	19.1	6.5	12,043,750	59.7	19.1	
Utah	463,005	22.3	0.7	502,902	24.2	0.9	611,821	29.4	1.0	502,492	24.2	0.8	
Vermont	297,819	59.0	0.4	189,530	37.5	0.3	17,507	3.5	0.0	0	0.0	0.0	
virginia	1,598,035	24.6	2.3	1,619,254	24.9	2.8	1,950,146	30.0	3.3	1,323,098	20.4	2.1	
vvasnington	1,001,942	29.9	2.4	1,794,275	32.3	3.1	1,435,897	25.9	2.4	002,477	11.9	1.1	
west Virginia	211,605	14.5	0.3	/13,/00	48.9	1.2	4/8,39/	32.8	0.8	56,272	3.9	0.1	
vvisconsin	2,205,396	49.4	3.2	1,399,581	31.3	2.4	619,608	13.9	1.0	243,601	5.5	0.4	
vvyoming Total ^a	29,008	0.5 27 7	0.0	105,563	23.1 23.1	0.2 100	179,197 50 312 667	40.3	0.3	131,074 62 904 217	29.5 25.2	0.2	
10101	00,201,001	E1.1	100	50,445,057	20.4	100	00,012,007	20.1	100	52,507,217	20.2	100	

Table S4. Adults without health insurance, by sex and area of residence, 2013–2017 5-year ACS estimates—census tract level, United States and Puerto Rico (cont)

Abbreviation. ACS, American Community Survey.

Note. Proportion of residents in the census tract without health insurance or health coverage plan at the time of the survey response (individuals aged 18 years and older).

^a Percentage of male residents of area.

^b Percentage of female residents of area.

^C Percentage of residents of area.

^d Percentage of SDH subpopulation total.

Social Determinants of Health Among Adults with Diagnosed HIV Infection, 2017

Part B: County-level Social Determinants of Health, Selected Care Outcomes, and Diagnosed HIV Infection 41 States and the District of Columbia

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Abbreviations

- ACS American Community Survey
- AIDS acquired immunodeficiency syndrome
- ART antiretroviral therapy
- CD4 CD4+ T-lymphocyte count (cells/µL) or percentage
- CDC Centers for Disease Control and Prevention
- DHAP Division of HIV/AIDS Prevention
- HIV human immunodeficiency virus
- IDU injection drug use
- NHSS National HIV Surveillance System
- NIR no identified risk factor
- OMB Office of Management and Budget
- SDH social determinants of health
- VA U.S. Department of Veterans Affairs
- VL viral load (copies/mL)

This HIV Surveillance Supplemental Report presents the results of county-level analyses of National HIV Surveillance System (NHSS) data on social determinants of health (SDH) and selected care outcomes among adults with diagnosed HIV infection [1]. This report, Part B, is released in conjunction with Part A, which presents census tract-level surveillance and SDH data that can be used to assess the geographic distribution of HIV, the social determinants associated with HIV, and the relationship of HIV to other diseases and health care resources in a defined area. This report complements the 2017 *HIV Surveillance Report* [2] and the Monitoring selected national HIV prevention and care objectives by using HIV surveillance data— United States and 6 dependent areas, 2017 surveillance supplemental report [3]. Data from this report can be used to assess the social determinants associated with HIV and measure progress toward achieving national HIV prevention and care goals.

Social determinants of health (SDH) are overlapping social structures and economic systems (e.g., social environment, physical environment, health services, and structural and societal factors) that are responsible for most health inequities [4]. SDH are linked to a lack of opportunity and to a lack of resources to protect, improve, and maintain health [4]. Addressing the SDH that adversely affect health outcomes may (1) advance efforts in reducing disparities in HIV diagnosis rates between populations, and (2) help to quantify health differences between populations or geographic areas, which can provide insight for identifying populations or areas that may benefit from HIV testing, prevention, and treatment initiatives.

The Centers for Disease Control and Prevention (CDC) collects data to monitor progress toward achieving the national goals for HIV testing, care, and treatment outcomes and HIV-related disparities in the United States set forth in the CDC Division of HIV/AIDS Prevention's Strategic Plan [5] and other federal directives [6, 7]. Examining social determinants that affect the health of populations may be useful in identifying and monitoring health inequities, such as disparities in HIV testing, engagement in care, and treatment.

This report presents HIV data from the NHSS on (1) persons aged ≥ 18 years with HIV infection diag-

nosed during 2017 and (2) persons living with diagnosed HIV infection at year-end 2016 [5]. It also presents SDH data from the U.S. Census Bureau's American Community Survey (ACS). Data were limited to persons aged ≥ 18 years to more accurately represent the population from which the SDH indicator variables were collected by ACS.

Monitoring stage of disease at diagnosis, linkage to HIV medical care, receipt of HIV medical care, and viral suppression (on the basis of NHSS data) is dependent upon complete reporting of HIV-related laboratory results (including CD4+T-lymphocyte [CD4] and viral load results) to HIV surveillance programs and CDC. Although most jurisdictions have regulations that require laboratories and providers to report at least a subset of CD4 and viral load test results to health departments, not all jurisdictions have mandatory reporting of all levels of CD4 and viral load (i.e., detectable and undetectable) results. As of December 2018, 42 jurisdictions (41 states and the District of Columbia) required reporting of all levels of CD4 and viral load test results and had reported to CDC at least 95% of the test results they had received by December 2018 (for specimens collected from January 2016 through September 2018). Data from these 42 jurisdictions represent 88.5% of all persons aged ≥ 18 years living with diagnosed HIV infection at year-end 2016 in the United States and are therefore not necessarily representative of data on all persons living with diagnosed HIV infection in the United States. See Technical Notes for a list of the 42 jurisdictions.

For tables that include data by transmission category, the data were statistically adjusted to account for missing transmission category (see Technical Notes).

REPORT CHANGES

This report includes data from 42 jurisdictions that reported complete CD4 and viral load data. The jurisdictions included in this report differ from those in the previous report. A jurisdiction's data are included only if that jurisdiction met CDC's criteria (see Technical Notes) for the collection and reporting of CD4 and viral load test results for all the data years examined. In com-
parison with the 2016 report, the 2017 report includes data from 2 additional states that met the criteria.

Table 2 now displays data on persons with infection classified as stage 0 at diagnosis. In previous reports, data on persons with infection classified as stage 0 were included in the unknown category (i.e., not displayed).

Presentation of data by employment status is no longer included in this report. When measuring employment status, it is important to account for underemployment, which is the condition in which people in a labor force are employed at less than fulltime or regular jobs or at jobs inadequate with respect to their training or economic needs [8]. Underemployment has been associated with health challenges, and research has shown that those earners with the lowest wages are the most likely to be uninsured [9]. Because we do not have data on persons who may be underemployed to provide additional context on the potential impact of employment status on persons with diagnosed HIV, data on employment status are no longer included in this report.

Vacant housing is no longer included in this report. Although vacant housing is associated with poor health outcomes, the variable does not take into account confounding factors such as stability, quality, safety, affordability, and neighborhood [10].

Additional data and tables are now included in this report:

- Tables 1 and 2 displays SDH data
- Table 6b displays county-level receipt of HIV medical care and viral suppression among males with HIV infection attributed to male-to-male sexual contact

DEFINITIONS AND DATA SPECIFICATIONS

This report presents numbers and percentages of diagnoses of HIV infection through 2017 among persons aged \geq 18 years by 4 SDH indicators and selected characteristics that include sex, age, race/ethnicity, transmission category, and area of residence. Data by race/ethnicity are presented for blacks/African Americans, Hispanics/Latinos, whites, and other. "Other" includes American Indians/Alaska Natives, Asians, Native Hawaiians/other Pacific Islanders, and persons of multiple races.

The SDH data presented in this report are the result of the linkage of county-level HIV diagnosis data to SDH indicator variables from the 2013–2017 ACS. HIV diagnosis, stage 3 (AIDS), and linkage to care data for the year 2017 were calculated based on where the person was living at the time of diagnosis. Receipt of care and viral suppression analyses were assessed for persons with HIV infection diagnosed by year-end 2015 and alive at year-end 2016 using the person's address of residence at the end of 2016 (i.e., most recent known address).

SDH indicator measures are as follows:

- Federal poverty status: proportion of residents in the county who were living below the U.S. poverty level (i.e., below a specified threshold) at any time during the 12 months before the survey response (individuals aged ≥18 years)
- Education level: proportion of residents in the county with less than a high school diploma (individuals aged ≥18 years)
- Median household income: median income for a household within the county at any time during the 12 months before the survey response
- Health insurance coverage: proportion of residents in the county without health insurance or health coverage plan (individuals aged ≥18 years)

The data presented in this HIV surveillance supplemental report are a snapshot of the environment in which people lived at the time of HIV diagnosis or most recently. Some SDH indicators may be correlated (e.g., lack of education has been associated with both poverty and low income in the United States [11, 12], but correlations between SDH indicators were not analyzed for this report. Also, use of countylevel data may not fully represent an individual's socioeconomic status [13, 14]. Caution should be used when interpreting results.

HIGHLIGHTS OF ANALYSES

Important note: The statements in this section for social determinants of health data focus on the lowest percentages at the SDH extremes only (e.g., highest poverty, highest uninsured) and not the overall values within the column, unless otherwise indicated. Also, when highlighting care outcomes the "other" racial group is not considered when making comparisons across groups. Please read all table titles and footnotes carefully to ensure a complete understanding of the displayed data.

Stage 3 (AIDS) Classification at Diagnosis of HIV Infection

Among 33,539 persons aged ≥ 18 years with an HIV infection diagnosis during 2017 in the 42 jurisdictions that reported completed CD4 and viral load test results to CDC, 21.0% of infections were classified as stage 3 (AIDS) at the time of diagnosis (Table 1).

The following percentages are for persons with HIV infection classified as stage 3 (AIDS) at the time of initial diagnosis during 2017, within each characteristic of interest presented (Table 1). Overall, the highest percentage was among Hispanic/Latino males (21.5%) and black/African American females (22.5%) than in all other racial/ethnic groups, and lowest among black/ African American males (19.5%) and white females (20.7%) than in all other racial/ethnic groups.

- Blacks/African Americans: Among black/ African American males, the highest percentages were among those who lived in counties with the lowest poverty (21.7%) and lowest income (21.4%). Among black/African American females, the highest percentages were among those who lived in counties with the highest education (25.6%), lowest income (24.5%), and highest health insurance or health care coverage (26.8%).
- Hispanics/Latinos: Among Hispanic/Latino males, the highest percentages were among those who lived in counties with the lowest poverty (23.3%) and lowest health insurance or health care coverage (21.9%). Among Hispanic/Latino females, the highest percentage (23.5%) was among those who lived in counties with the lowest health insurance or health care coverage.
- Whites: Among white males, the highest percentages were among those who lived in counties with the lowest poverty (22.4%) and highest and third lowest education level (22.4%). Among white females, the highest percentages were among those who lived in counties with the highest poverty (23.2%), lowest education (25.6%), lowest income (24.1%) and lowest health insurance or health care coverage (22.8%).

Stage of Disease at Diagnosis of HIV Infection

Stage of disease at diagnosis (i.e., HIV infection, stage 0, 1, 2, 3 [AIDS], or unknown) was based on data for persons with HIV infection diagnosed during 2017 in

the 42 jurisdictions that reported complete CD4 and viral load test results to CDC. Among 33,539 persons, the stage of disease at diagnosis was classified as follows (Table 2): stage 0 (6.2%), stage 1 (25.5%), stage 2 (30.3%), stage 3 (AIDS) (21.0%), and stage unknown (17.0%).

- **Poverty**: The highest percentages of HIV diagnoses for both males (32.4% [stage 2]) and females (29.3% [stage 2]) were among those who lived in counties where 17% or more of the residents lived below the federal poverty level.
- Education: The highest percentage of HIV diagnosis for males (31.3% [stage 2]) were among those who lived in counties where 18% or more of the residents had less than a high school diploma. The highest percentage of HIV diagnosis for females (females: 30.3% [stage 1]) were among those who lived in counties where 9% or less of the residents had less than a high school diploma.
- **Income**: The highest percentages of HIV diagnoses for both males (32.3% [stage 2]) and females (30.3% [stage 1]) were among those who lived in counties where the median household income was \$41,000-\$47,999 a year.
- **Insurance**: The highest percentage of HIV diagnosis for males (32.4% [stage 2]) were among those who lived in counties where fewer than 8% of the residents did not have health insurance or health coverage plan. The highest percentage of HIV diagnosis for females (29.8% [stage 2]) were among those who lived in counties where 8% or more but fewer than 12% of the residents did not have health insurance or health coverage plan.

Linkage to HIV Medical Care after Diagnosis of HIV Infection, by Selected Characteristics and Selected Social Determinants of Health

Linkage to HIV medical care was based on data for persons with infection diagnosed during 2017 in the 42 jurisdictions that reported complete CD4 and viral load test results to CDC. Linkage to HIV medical care was measured by documentation of at least 1 CD4 or viral load test performed ≤ 1 month or ≤ 3 months after diagnosis. Of the 33,539 persons whose infection was diagnosed during 2017, 78.3% (26,273 persons) were linked to HIV medical care ≤ 1 month after diagnosis, and 86.7% (29,087) were linked to HIV medical care ≤ 3 months after diagnosis (Table 3). These highlights focus on linkage ≤ 1 month after diagnosis, one of the current national goals for HIV prevention and care. The SDH data focus on the lowest percentages at the SDH extremes only (e.g., highest poverty, highest uninsured). The following percentages are for persons who were linked to HIV medical care ≤ 1 month after diagnosis (Tables 3–5).

Race/ethnicity by sex (Table 3)

Overall, linkage to care was lower among black/ African American males (74.6%) and higher among white males (81.9%) than in all other male racial/ ethnic groups, and lower among white females (78.5%) and higher among Hispanic/Latino females (79.9%) than in all other female racial/ethnic groups.

- Blacks/African Americans: Among black/ African American males, the lowest percentages were among those who lived in counties with the lowest education (72.8%) and lowest health insurance or health care coverage (73.0%). Among black/African American females, linkage was lowest among those who lived in counties with the lowest education (74.7%) and lowest health insurance or health care coverage (75.2%).
- **Hispanics/Latinos**: Among Hispanic/Latino males, the lowest percentage (77.5%) was among those who lived in counties with the lowest education. Among Hispanic/Latino females, there were no lowest percentages at the SDH extremes.
- Whites: Among white males, the lowest percentages were among those who lived in counties with the highest poverty (79.4%), the two lowest education levels (79.4%), lowest income (76.3%), and lowest health insurance or health care coverage (79.1%). Among white females, linkage was lowest among those who lived in counties with highest poverty (73.0%), lowest education (73.4%), and lowest income (68.7%).

Age by sex (Table 4)

Overall, linkage to care was lower among both males (74.6%) and females (76.6%) aged 18–24 years than in all other age groups, and linkage was higher among both males (81.7%) and females (81.4%) aged \geq 55 years than in all other age groups.

• Ages 18–24 years: Among males aged 18–24 years, the lowest percentage was among those who lived in counties with the lowest education (73.5%) and lowest health insurance or health care coverage (70.7%). Among females aged 18–

24 years, linkage was lowest among those who lived in counties with the lowest education (68.3%), lowest income (69.1%), and lowest health insurance or health care coverage (72.0%).

- Ages 25–34 years: Among males and females aged 25–34 years, the lowest percentages were among those who lived in counties with the lowest education (75.9% and 74.8%, respectively).
- Ages 35–44 years: Among males aged 35–44 years, the lowest percentages were among those who lived in counties with the lowest education (77.9%) and lowest health insurance or health care coverage (78.0%). Among females aged 35–44 years, linkage was lowest among those who lived in counties with the highest poverty (74.8%) and lowest health insurance or health care coverage (75.2%).
- Ages 45–54 years: Among males aged 45–54 years, the lowest percentages were among those who lived in counties with the lowest education (77.6%) and lowest health insurance or health care coverage (78.8%). Among females aged 45–54 years, linkage was lowest among those who lived in counties with the lowest education (79.9%), lowest income (75.9%), and 2 lowest health insurance or health care coverage levels (79.3%).
- Ages ≥55 years: Among males aged ≥55 years, the lowest percentage (79.4%) was among those who lived in counties with the lowest income. Among females aged ≥55 years, the lowest percentage (76.2%) was among those who lived in counties with the lowest education.

Transmission category by sex (Table 5)

Overall, among males, linkage to care was lower among males with infection attributed to male-to-male sexual contact *and* injection drug use (75.4%) and higher among males with infection attributed to maleto-male sexual contact (78.5%) than all other transmission categories. For females, among the 2 transmission categories for which data are presented, linkage was lower among females with infection attributed to injection drug use (76.8%) compared to females with infection attributed to heterosexual contact (79.2%). Data were statistically adjusted to account for missing transmission category.

• Male-to-male sexual contact: Among males with infection attributed to male-to-male sexual contact, the lowest percentages were among those who lived in counties with the lowest education (76.7%) and lowest health insurance or health care coverage (76.5%).

- Injection drug use: Among males with infection attributed to injection drug use, the lowest percentage (73.3%) was among those who lived in counties with the lowest education. Among females with infection attributed to injection drug use, the lowest percentage (75.1%) was among those who lived in counties with the lowest health insurance or health care coverage.
- Male-to-male sexual contact *and* injection drug use: Among males with infection attributed to male-to-male sexual contact *and* injection drug use, the lowest percentages were among those who lived in counties with the highest poverty (72.9%) and lowest health insurance or health care coverage (69.9%).
- Heterosexual contact: Among males with infection attributed to heterosexual contact, the lowest percentage (75.3) was among those who lived in counties with the lowest education. Among females with infection attributed to heterosexual contact, linkage was lowest among those who lived in counties with the lowest education (75.6%) and lowest health insurance or health care coverage (76.7%).

Receipt of HIV Medical Care, by Selected Characteristics and Selected Social Determinants of Health

Receipt of HIV medical care was based on data for persons with HIV infection diagnosed by year-end 2015 and alive at year-end 2016 in the 42 jurisdictions that reported complete CD4 and viral load test results to CDC. Receipt of any HIV medical care was measured by documentation of \geq 1 CD4 or viral load tests performed during 2016; retention in HIV medical care (receipt of continuous care) was measured by documentation of \geq 2 CD4 or viral load tests performed at least 3 months apart during 2016. During 2016, 74.1% of 834,498 persons received HIV medical care, and 57.6% met the criteria for continuous HIV medical care (Table 6a).

The highlights below are based on persons who were retained in, or received, continuous HIV medical care, one of the current national goals for HIV prevention and care. The SDH data focus on the lowest percentages at the SDH extremes only (e.g., highest poverty, highest uninsured). The following percentages are for persons who were retained in continuous HIV medical care (Tables 6a/b–8).

Race/ethnicity by sex (Table 6a)

Overall, retention in HIV medical care (≥ 2 CD4 or VL tests) was lower among black/African American males (54.1%) than all other male racial/ethnic groups and lower among white females (54.5%) than all other female racial/ethnic groups.

- Blacks/African Americans: Among black/ African American males and females, the lowest percentages were among those who lived in counties with the lowest poverty (51.0% and 52.0%, respectively) and highest education (52.0% and 53.1%, respectively).
- Hispanics/Latinos: Among Hispanic/Latino males, the lowest percentages were among those who lived in counties with the lowest poverty (53.4%), highest education (54.2%), and highest income (56.8%). Among Hispanic/Latino females, the lowest percentage (61.9%) was among those who lived in counties with the lowest health insurance or health care coverage.
- Whites: Among white males, the lowest percentages were among those who lived in counties with the lowest poverty (58.7%) and highest income (59.1%). Among white females, retention in care was lowest among those who lived in counties with the lowest education (52.5%) and highest income (54.0%).

Male-to-male sexual contact by race/ethnicity (Table 6b) Overall, among males with infection attributed to male-to-male sexual contact, retention in HIV medical care was lower among blacks/African Americans (54.6%) and higher among white (60.4%) than all other racial/ethnic groups. Data were statistically adjusted to account for missing transmission category.

- **Blacks/African Americans**: Among black/ African American males with infection attributed to male-to-male sexual contact, the lowest percentages were among those who lived in counties with the lowest poverty (51.3%) and highest education (52.6%).
- **Hispanics/Latinos**: Among Hispanic/Latino males with infection attributed to male-to-male sexual contact, the lowest percentages were among those who lived in counties with the low-

est poverty (54.5%), highest education (55.2%), and highest income (57.8%).

• Whites: Among white males with infection attributed to male-to-male sexual contact, the lowest percentages were among those who lived in counties with the lowest poverty (58.8%) and highest income (59.3%).

Age by sex (Table 7)

Overall, retention in HIV medical care was lower among males (54.6%) and females (51.9%) aged 25– 34 years than all other age groups, and higher among males (59.0%) and females (62.2%) aged \geq 55 years than all other age groups.

- Ages 18–24 years: Among males aged 18–24 years, there were no lowest percentages at the SDH extremes. Among females aged 18–24 years, the lowest percentages were among those who lived in counties with the lowest and 2nd highest health insurance or health care coverage levels (53.8%).
- Ages 25–34 years: Among males aged 25–34 years, the lowest percentages were among those who lived in counties with the lowest poverty (52.2%) and highest education (52.4%). Among females aged 25–34 years, retention in care was lowest (50.6%) among those who lived in counties with the lowest health insurance or health care coverage.
- Ages 35–44 years: Among males aged 35–44 years, the lowest percentage (54.0%) was among those who lived in counties with the lowest poverty. Among females aged 35–44 years, retention in care was lowest among those who lived in counties with the lowest poverty (51.2%) and highest education (51.9%).
- Ages 45–54 years: Among males aged 45–54 years, the lowest percentage (56.8%) was among those who lived in counties with the lowest poverty. Among females aged 45–54 years, retention in care was lowest among those who lived in counties with the lowest poverty (55.3%) and highest education (56.0%).
- Ages ≥55 years: Among males aged ≥55 years, the lowest percentage was among those who lived in counties with the lowest poverty (57.4%). Among females aged ≥55 years, retention in care was lowest among those who lived in

counties with the lowest poverty (57.7%) and highest education (59.3%).

Transmission category by sex (Table 8)

Overall, among males, retention in HIV medical care was lower among those with infection attributed to injection drug use (51.0%) and higher among those with infection attributed to male-to-male sexual contact *and* injection drug use (61.8%) than all other transmission categories. For females, among the 2 transmission categories for which data are presented, retention in care was slightly lower among those with infection attributed to injection drug use (57.1%) compared to those with infection attributed to heterosexual contact (57.7%). Data were statistically adjusted to account for missing transmission category.

- Male-to-male sexual contact: Among males with infection attributed to male-to-male sexual contact, the lowest percentage (56.3%) was among those who lived in counties with the lowest poverty.
- **Injection drug use**: Among males and females with infection attributed to injection drug use, there were no lowest percentages at the SDH extremes.
- Male-to-male sexual contact *and* injection drug use: Among males with infection attributed to male-to-male sexual contact *and* injection drug use, there were no lowest percentages at the SDH extremes.
- Heterosexual contact: Among males and females with infection attributed to heterosexual contact, the lowest percentages were among those who lived in counties with the lowest poverty (52.1% and 54.4%, respectively) and highest education (52.6% and 55.2%, respectively).

Viral Suppression, by Selected Characteristics and Selected Social Determinants of Health

Viral suppression was measured for persons with HIV infection diagnosed by year-end 2015 and alive at year-end 2016 in the 42 jurisdictions that reported complete CD4 and viral load laboratory results to CDC. Viral suppression was defined as a viral load result of <200 copies/mL at the most recent viral load test during 2016. During 2016, 61.5% of 834,498 persons living with diagnosed HIV infection were virally suppressed (Table 9). The SDH data focus on the lowest percentages at the SDH extremes only (e.g., highest poverty, highest uninsured). The following percentages are for persons whose most recent viral load test in 2016 indicated viral suppression (denominator: persons who were alive at year-end 2016) (Tables 9–11).

Race/ethnicity by sex (Table 9)

Overall, viral suppression was lower among both black/African American males (55.3%) and females (57.6%) than all other racial/ethnic groups. Viral suppression was higher among white males (68.9%) than all other male racial/ethnic groups, and higher among Hispanic/Latino females (62.8%) than all other female racial/ethnic groups.

- Blacks/African Americans: Among black/ African American males and females, the lowest percentages were among those who lived in counties with the lowest health insurance or health care coverage (53.2% and 56.0%, respectively).
- Hispanics/Latinos: Among Hispanic/Latino males, the lowest percentages were among those who lived in counties with the lowest poverty (60.1%) and lowest income (60.2%). Among Hispanic/Latino females, the lowest percentages were among those who lived in counties with the lowest education (62.7%) and lowest health insurance or health care coverage (61.9%).
- Whites: Among white males, there were no lowest percentages at the SDH extremes. Among white females, the lowest percentages were among those who lived in counties with the highest poverty (56.7%), lowest education (57.3%), and lowest health insurance or health care coverage (58.4%).

Male-to-male sexual contact by race/ethnicity (Table 6b)

Overall, among males with infection attributed to male-to-male sexual contact, viral suppression was lower among blacks/African Americans (56.7%) and higher among white (70.1%) than all other racial/ ethnic groups. Data were statistically adjusted to account for missing transmission category.

• **Blacks/African Americans**: Among black/ African American males with infection attributed to male-to-male sexual contact, the lowest percentage (54.5%) was among those who lived in counties with the lowest health insurance or health care coverage.

- **Hispanics/Latinos**: Among Hispanic/Latino males with infection attributed to male-to-male sexual contact, the lowest percentage (63.0%) was among those who lived in counties with the lowest income.
- Whites: Among white males with infection attributed to male-to-male sexual contact, there were no lowest percentages at the SDH extremes.

Age by sex (Table 10)

Overall, viral suppression was lower among both males (55.1%) and females (47.3%) aged 18–24 years than all other age groups, highest among males aged 45–54 years (64.4%) than all other male age groups, and highest among females (65.7%) aged \geq 55 years than all other female age groups.

- Ages 18–24 years: Among males aged 18–24 years, the lowest percentages were among those who lived in counties with the lowest education (53.8%), lowest income (51.2%), and lowest health insurance or health care coverage (52.4%). Among females aged 18–24 years, viral suppression was lowest among those who lived in counties with the lowest education (45.7%) and lowest health insurance or health care coverage (44.2%).
- Ages 25–34 years: Among males aged 25–34 years, the lowest percentage (55.4%) was among those who lived in counties with the lowest health insurance or health care coverage. Among females aged 25–34 years, viral suppression was lowest among those who lived in counties with the lowest education (49.5%) and lowest health insurance or health care coverage (47.1%).
- Ages 35–44 years: Among males and females aged 35–44 years, the lowest percentages were among those who lived in counties with the lowest health insurance or health care coverage (58.5% and 54.1%, respectively).
- Ages 45–54 years: Among males aged 45–54 years, the lowest percentage (62.2%) was among those who lived in counties with the highest poverty. Among females aged 45–54 years, there were no lowest percentages at the SDH extremes.
- Ages ≥55 years: Among males aged ≥55 years, the lowest percentage (60.8%) was among those who lived in counties with the highest poverty. Among females aged ≥55 years, there were no lowest percentages at the SDH extremes.

Transmission category by sex (Table 11)

Overall, among males, viral suppression was lower among those with infection attributed to injection drug use (51.2%) and higher among those with infection attributed to male-to-male sexual contact (64.4%) than all other transmission categories. For females, among the 2 transmission categories for which data are presented, viral suppression was lower among those with infection attributed to injection drug use (57.0%) compared to those with infection attributed to heterosexual contact (60.4%). Data were statistically adjusted to account for missing transmission category.

- Male-to-male sexual contact: Among males with infection attributed to male-to-male sexual contact, the lowest percentages were among those who lived in counties with the 2 lowest health insurance or health care coverage levels (63.4%).
- **Injection drug use**: Among males and females with infection attributed to injection drug use, viral suppression was lowest among those who lived in counties with the lowest health insurance or health care coverage (50.1% and 55.1%, respectively).
- Male-to-male sexual contact *and* injection drug use: Among males with infection attributed to male-to-male sexual contact *and* injection drug use, the lowest percentage (59.5%) was among those who lived in counties with the lowest health insurance or health care coverage.
- Heterosexual contact: Among males and females with infection attributed to heterosexual contact, the lowest percentages were among those who lived in counties with the lowest health insurance or health care coverage (54.1% and 58.2%, respectively).

SURVEILLANCE OF HIV INFECTION

This report includes data reported to the Centers for Disease Control and Prevention (CDC) through December 31, 2018, from 42 jurisdictions (41 states and the District of Columbia). Personally identifiable information was removed before the data were submitted to CDC. As of December 2018, 42 jurisdictions had met the following criteria for the collection and reporting of complete CD4+ T-lymphocyte (CD4) and viral load test results to CDC:

- The jurisdiction's laws/regulations required the reporting of all CD4 and viral load results to the state or local health department.
- Laboratories that perform HIV-related testing for the jurisdictions had reported a minimum of 95% of HIV-related test results to the state or local health department.
- By December 31, 2018, the jurisdiction had reported (to CDC) at least 95% of all CD4 and viral load test results received from January 2016 through September 2018.

The 41 states are Alabama, Alaska, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Illinois, Indiana, Iowa, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Hampshire, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Virginia, Washington, West Virginia, Wisconsin, and Wyoming. Please use caution when interpreting data on diagnosed HIV infection. HIV surveillance data may not be representative of all persons infected with HIV because not all infected persons have been (1) tested or (2) tested at a time when their infection could be detected and diagnosed. Also, some states offer anonymous HIV testing; the results of anonymous tests are not reported to the confidential name-based HIV surveillance programs of state and local health departments.

Please also use caution when interpreting laboratory data for persons with diagnosed HIV infection. Laboratory data presented in this report are from 42 jurisdictions with complete CD4 and viral load reporting as of December 2018. Data from these 42 jurisdictions represent 88.5% of all persons aged ≥ 18 years living with diagnosed HIV infection at year-end 2016 in the United States and are therefore not necessarily representative of data on all persons living with diagnosed HIV infection in the United States.

TABULATION AND PRESENTATION OF DATA Stages of HIV Infection

Both the 2008 and 2014 HIV case definitions were used to classify HIV infection among adults and adolescents [15, 16].

The 2008 case definition was used to classify cases diagnosed from the beginning of the epidemic through 2013. For adults and adolescents, this definition incorporates an HIV infection staging system that includes AIDS (HIV infection, stage 3). The 2008 stages of HIV infection are defined as follows:

- HIV infection, stage 0: First positive HIV test result within 6 months after a negative HIV test result. The stage remains stage 0 until 6 months after the first positive test result. After 6 months, the stage may be reclassified as 1, 2, 3, or unknown if based on a CD4 test result or the diagnosis of an opportunistic illness. The diagnosis of an AIDS-defining condition or a low CD4 test result before the 6 months have elapsed does not change the stage from stage 0 to stage 3.
- **HIV infection, stage 1**: No AIDS-defining condition and either a CD4 count of ≥500 cells/µL or a CD4 percentage of total lymphocytes of ≥29.
- HIV infection, stage 2: No AIDS-defining condition and either a CD4 count of 200–499 cells/µL or a CD4 percentage of total lymphocytes of 14–28.
- HIV infection, stage 3 (AIDS): Documentation of an AIDS-defining condition or either a CD4 count of <200 cells/µL or a CD4 percentage of total lymphocytes of <14. Documentation of an AIDS-defining condition supersedes a CD4 count or percentage that would not, by itself, be the basis for a stage 3 (AIDS) classification.
- **HIV infection, stage unknown**: No reported information on AIDS-defining conditions and no information available on CD4 count or percentage.

The 2014 case definition was used to classify cases diagnosed in 2014 and later. It is similar to the 2008 case definition except for the inclusion of criteria for stage 0. The stages of HIV infection in the 2014 case definition are based on age-specific CD4 counts or percentages of total lymphocytes and are defined as follows:

- HIV infection, stages 1, 2, and 3: Documentation of an AIDS-defining condition is stage 3. Otherwise, the stage is determined by the lowest CD4 test result.
- **HIV infection, stage unknown**: No reported information on AIDS-defining conditions and no information available on CD4 count or percentage.

Data on persons with HIV infection, stage 3 (AIDS), include persons whose infection has ever been classified as stage 3 (AIDS). These data do not necessarily represent the current stage of disease.

Stage 3 (AIDS) at the time of HIV diagnosis (Table 1) and stage of disease at time of diagnosis (Table 2) were determined by using the first CD4 test result or documentation of an AIDS-defining condition \leq 3 months after the HIV diagnosis date. If \geq 2 events occurred during the same month and could thus qualify as "first," the following conditions were applied:

- If an AIDS-defining condition was documented, the AIDS-defining condition was used; if a CD4 count or a CD4 percentage had been reported and an AIDS-defining condition was documented, the AIDS-defining condition was used.
- If an AIDS-defining condition was not documented, but a CD4 count and a CD4 percentage had been reported, the CD4 count was used.
- If an AIDS-defining condition was not documented, but >1 CD4 count had been reported, the lowest CD4 count (indicative of the most severe disease state) was used.
- If an AIDS-defining condition was not documented and a CD4 count had not been reported, but a CD4 percentage had been reported, the CD4 percentage was used. If >1 CD4 percentage was reported, the lowest CD4 percentage (indicative of the most severe disease state) was used.

For stage of disease at diagnosis, infections were classified as "stage unknown" if the month of HIV diagnosis was missing, or if, \leq 3 months after HIV diagnosis, neither a CD4 count nor a CD4 percentage had been determined and no AIDS-defining condition was documented.

SOCIAL DETERMINANTS OF HEALTH INDICATOR VARIABLES

SDH indicator variables [17] and definitions [18] were obtained from the American Community Survey (ACS). This report uses data from the 2013–2017 estimates. The U.S. Census Bureau collected these data over the course of the 5 years and created period estimates based on the information collected. Period estimates are estimates based on information collected over time (60 months for this report) [19]. Period estimates were not calculated as an average of 60 monthly values. The U.S. Census Bureau collected survey information continuously and then aggregated the results over a specific period (5 years). The data collection was spread evenly across the entire period represented so as not to over-represent any particular year within the period. All areas were sampled regardless of population size.

For this report, the SDH indicator variables were categorized by using empirically derived quartiles. The quartile cut-points were determined by using Census data from all counties in the 41 states and from the District of Columbia and not just from the data applicable to persons in this report (i.e., persons with an HIV diagnosis). This report presents 4 SDH indicator variables: federal poverty status, education level, median household income, and health insurance coverage.

- Federal poverty status: proportion of residents in the county who were living below the federal poverty level (i.e., below a specified threshold) during the 12 months before the survey response (individuals aged ≥18 years)
- Education level: proportion of residents in the county with less than a high school diploma (individuals aged ≥18 years)
- Median household income: median income for a household within the county during the 12 months before the survey response
- Health insurance coverage: proportion of residents in the county without health insurance or health coverage plan (individuals aged ≥18 years)

The 4 selected SDH variables were included in this report because SDH research has emphasized the need to incorporate these specific structural and societal factors into analyses of public health data in order to contribute to a better understanding of their effects on health outcomes [20–23]. Although correlations between SDH indicators were not analyzed

for this report, some SDH indicators may be correlated. For example, lack of education has been associated with poverty and income in the United States [11, 12]. Additionally, use of county-level data may not fully represent an individual's socioeconomic status [13, 14]. Therefore, caution should be used when interpreting results.

HIV case surveillance data were linked with ACS estimates for 2013–2017. Each person with diagnosed HIV infection was assigned a value for each of the SDH indicator variables. Cases or counties were excluded if no county information was available for the case, no SDH information was available for the county, or if the county from the surveillance data could not be matched to a county provided by the ACS. Although HIV diagnosis data associated with these exclusions were not included in all SDH subpopulation totals, they were included in the subtotals stratified by sex. Therefore, Tables 3–11 display differing denominators for SDH subpopulation categories.

Poverty

The percentage of the population aged ≥ 18 years who were living below the poverty level was determined by using the sum of the number of family members and the number of unrelated persons in the household whose incomes, during the 12 months before the survey response, were below the federal poverty level. The U.S. Census Bureau uses a set of dollar-value thresholds (i.e., income cutoffs) that vary by family size and composition to determine who lives below the poverty level. A person's poverty status is determined by comparing the person's total family income during the 12 months before the survey response with the poverty threshold appropriate for that person's family size and composition. If the total income of that person's family is less than the threshold appropriate for that family, then the person, together with every member of his or her family, is considered "below the poverty level." In the Census Bureau's determination of poverty status, the following populations were excluded: (1) institutionalized persons, (2) persons residing in military group quarters, (3) persons in college dormitories, and (4) unrelated persons aged <15 years.

Education

The percentage of persons with less than a high school diploma was defined as the percentage of persons aged ≥ 18 years who were not enrolled in school and were not high school graduates. These people may be referred to

as "high school dropouts." There is no restriction on when they "dropped out" of school; therefore, they may have dropped out before high school and never attended high school.

Household Income

The median household income was determined by dividing the income distribution into 2 equal parts: onehalf of the persons resided in counties that fall below the median income and one-half above the median. The median income was based on the distribution of the total number of households, including those with no income. Median income for households was computed on the basis of a standard distribution, rounded to the nearest whole dollar. Median household income are categorized and represent quartiles of median income.

Health Insurance Coverage

The percentage of persons aged ≥ 18 years without health insurance coverage was determined based on the number of persons without plans or programs that provide comprehensive health coverage (both private health insurance and public coverage). Insured persons include persons who are covered by: (1) insurance through a current or former employer (of this person or another family member) or union, (2) insurance purchased directly from an insurance company (by this person or another family member), (3) Medicare, for persons aged 65 years and older, or persons with certain disabilities, (4) Medicaid, Medical Assistance, or any kind of government-assistance plan for those with low incomes or a disability, (5) TRICARE or other military health care, and (6) U.S. Department of Veterans Affairs (VA), including those who have ever used or enrolled for VA health care. Persons who had no reported health coverage, or those whose only health coverage was Indian Health Service, were considered uninsured. Also, plans that provide insurance for specific conditions or situations such as cancer and long-term care policies are not considered coverage. Likewise, other types of insurance like dental, vision, life, and disability insurance are not considered health insurance coverage. The population estimates for health insurance coverage excludes active-duty military personnel and the population living in correctional facilities and nursing homes.

LINKAGE TO, AND RECEIPT OF, HIV MEDICAL CARE

National guidelines for the clinical care and treatment of adults and adolescents with HIV [24] recommend

CD4 and viral load testing during the first care visit after HIV diagnosis to direct the course of treatment. For patients on a stable, suppressive antiretroviral therapy (ART) regimen for ≤ 2 years, viral load testing is recommended every 3 to 4 months or as clinically indicated to confirm continuous viral suppression. For adherent patients with suppressed viral load and stable immunologic status for >2 years, monitoring at 6month intervals may be considered. For patients who have not taken ART, CD4 count should be monitored every 3 to 6 months. Frequent monitoring of CD4 counts, especially among persons with higher counts (>300 cells/µL) and consistently suppressed viral loads, is generally not required for patient management. For patients who have been taking ART and whose CD4 counts have consistently ranged between 300 and 500 cells/ μ L for \geq 2 years, annual monitoring of CD4 count is recommended. Continued CD4 monitoring for virologically suppressed patients whose CD4 counts have consistently been >500 cells/µL for ≥ 2 years is optional. If clinically indicated, the CD4 count should be monitored more frequently (e.g., when changes in a patient's clinical status decrease CD4 count and thus prompt the need for prophylaxis for opportunistic infection).

The data on linkage to HIV medical care were based on persons whose infection was diagnosed during 2017 and who resided in any of the 42 jurisdictions at the time of diagnosis (Tables 3–5). Linkage to HIV medical care within 1 month after HIV diagnosis was measured by documentation of \geq 1 CD4 (count or percentage) or viral load test performed \leq 1 month after HIV diagnosis, including tests performed on the same date as the date of diagnosis. Linkage to HIV medical care within 3 months after HIV diagnosis was measured by documentation of \geq 1 CD4 (count or percentage) or viral load tests performed \leq 3 months after HIV diagnosis, including tests performed on the same date as the date of diagnosis.

The data on receipt of HIV medical care were based on persons whose infection was diagnosed by year-end 2015, who resided in any of the 42 jurisdictions as of their most recent known address, and who were alive at year-end 2016 (Tables 6a/b–8). Receipt of any HIV medical care was measured by documentation of \geq 1 CD4 or viral load tests performed during 2016. Retention in continuous HIV medical care was measured by documentation of \geq 2 CD4 or viral load tests performed at least 3 months apart during 2016. For analyses of linkage to, and retention in, care, the month and the year of the earliest HIV-positive test result reported to the surveillance system were used to determine the diagnosis date. Test results were excluded if the month of the sample collection was missing. For linkage to care, data were excluded if the month of diagnosis was missing. For retention in care, data were excluded if the date of death (where applicable) was missing.

VIRAL SUPPRESSION

Viral suppression was measured among persons whose infection was diagnosed by year-end 2015, who resided in any of the 42 jurisdictions as of their most recent known address during 2016, and who were alive at year-end 2016. Viral suppression was defined as a viral load result of <200 copies/mL at the most recent viral load test during 2016. The cutoff value of <200 copies/mL was based on the following definition of virologic failure: viral load of \geq 200 copies/mL [24]. If multiple viral load tests were performed during the same month and could thus qualify as "most recent," the highest viral load (most severe) was selected. If the numerical result was missing or the result was a logarithmic value, the interpretation of the result (e.g., below limit) was used to determine viral suppression. Virologic failure may indicate lack of adherence to ART.

Age

All tables in this report reflect data for persons aged ≥ 18 years (i.e., adults). This report was limited to adults aged ≥ 18 years with diagnosed HIV infection in order to more accurately represent the population from which data are collected for ACS SDH indicator variables.

- Tables 1–5 (diagnosed HIV infection): age was based on the person's age at the time of HIV diagnosis.
- Tables 6a/b-11 (persons living with diagnosed HIV infection): age was based on the person's age at year-end 2015.

RACE AND ETHNICITY

The data presented in this report were collected using the OMB's revised 1997 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) [25]. Hispanics and Latinos can be of any race.

Due to confidentiality concerns, the ACS does not provide age- and sex-specific SDH variables stratified by race and ethnicity for racial groups, except whites (i.e., white, non-Hispanic/Latino). Therefore, the data used for computing the race-specific, empirically derived quartiles may include Hispanics/Latinos and should be interpreted with caution. Also, the number of persons reported in each race category may include persons whose ethnicity was not reported.

GEOGRAPHIC DESIGNATION

Data by area of residence reflect the county of the residential address at the time of diagnosis of HIV infection or at the time of stage 3 (AIDS) classification for Tables 1–5. In Tables 6a/b–11, area of residence is based on most recent known address as of December 31, 2016.

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 1 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 >1 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 have ever had sexual contact with other men (i.e., homosexual contact) and men who have 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 have ever had heterosexual contact with a person known to have, or to be at high risk for, HIV infection (e.g., a person who injects drugs).

Cases of HIV infection reported without a risk factor listed in the hierarchy of transmission categories are classified as "no identified risk (NIR)." Cases classified as NIR include cases that are being followed up by local health department staff; cases in persons whose risk-factor information is missing because they died, declined to be interviewed, or were lost to follow-up; and cases in 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 cases of HIV infection are reported to CDC without an identified risk factor, multiple imputation is used to assign a transmission category [26]. 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 [27]. The plausible values are analyzed by using standard procedures, and the results of these analyses are then combined to produce the final results.

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	Black/A	frican Ame	rican	Hisp	anic/Latino
	Total	Stage 3	(AIDS) ^c	Total	Stage 3 (
	No.	No.	%	No.	No.
Male					
Below federal poverty level (%)					
<10	1,394	302	21.7	931	217
10.00–12.99	1,848	359	19.4	1,531	322
13.00–16.99	4,771	883	18.5	3,167	707
≥17	2,602	528	20.3	1,809	354
Less than high school diploma (%	b)				
<9	1,430	281	19.7	534	114
9.00–12.99	4,224	823	19.5	2,084	426
13.00–17.99	2,605	538	20.7	1,300	322
≥18	2,356	430	18.3	3,520	738
Median household income (U.S. \$)				
<41,000	, 1.015	217	21.4	463	104
41.000-47.999	1,936	391	20.2	1,173	225
48.000-55.999	3.066	581	18.9	1.704	386
≥56.000	4.598	883	19.2	4.098	885
Without health insurance (%)	,			,	
<8	1,216	249	20.5	910	183
8.00–11.99	2.007	420	20.9	938	202
12.00-15.99	4.172	749	18.0	2.695	581
≥16	3,220	654	20.3	2,895	634
Subtotal ^d	10,787	2,104	19.5	7,472	1,608
Female	-			-	-
Below federal poverty level (%)					
<10	609	151	24.8	144	32
	000				01

Table 1.	Stage 3 (AIDS) at the time of diagnosis of HIV infection, among persons aged ≥18 years, by race/ethnicity, sex, and selected social determinants of health, 2017—count
	level, 41 states and the District of Columbia

	Black/A	frican Ame	erican	Hisp	anic/Latin	0 ^a		White			Other		Total		
	Total	Stage 3	(AIDS) ^c	Total	Stage 3	(AIDS) ^c	Total	Stage 3	(AIDS) ^c	Total	Stage 3	B (AIDS) ^C	Total	Stage 3	(AIDS) ^c
	No.	No.	%	No.	No.	%	No.	No.	%	No.	No.	%	No.	No.	%
Male															
Below federal poverty level (%)															
<10	1,394	302	21.7	931	217	23.3	1,409	316	22.4	353	80	22.7	4,087	915	22.4
10.00–12.99	1,848	359	19.4	1,531	322	21.0	1,932	427	22.1	442	115	26.0	5,753	1,223	21.3
13.00–16.99	4,771	883	18.5	3,167	707	22.3	2,993	627	20.9	635	119	18.7	11,566	2,336	20.2
≥17	2,602	528	20.3	1,809	354	19.6	912	180	19.7	199	41	20.6	5,522	1,103	20.0
Less than high school diploma (%))														
<9	1,430	281	19.7	534	114	21.3	1,416	317	22.4	276	66	23.9	3,656	778	21.3
9.00–12.99	4,224	823	19.5	2,084	426	20.4	2,960	636	21.5	635	127	20.0	9,903	2,012	20.3
13.00–17.99	2,605	538	20.7	1,300	322	24.8	1,534	343	22.4	285	61	21.4	5,724	1,264	22.1
≥18	2,356	430	18.3	3,520	738	21.0	1,336	254	19.0	433	101	23.3	7,645	1,523	19.9
Median household income (U.S. \$)	,						,							,	
<41.000	1.015	217	21.4	463	104	22.5	376	88	23.4	70	19	27.1	1,924	428	22.2
41,000-47,999	1,936	391	20.2	1,173	225	19.2	1,016	247	24.3	132	21	15.9	4,257	884	20.8
48,000-55,999	3,066	581	18.9	1.704	386	22.7	2.033	460	22.6	335	80	23.9	7.138	1.507	21.1
≥56.000	4,598	883	19.2	4.098	885	21.6	3.821	755	19.8	1.092	235	21.5	13,609	2,758	20.3
Without health insurance (%)	.,			.,			-,			.,			,	_,	
<8	1.216	249	20.5	910	183	20.1	1.431	307	21.5	380	78	20.5	3.937	817	20.8
8.00-11.99	2,007	420	20.9	938	202	21.5	1,689	383	22.7	328	69	21.0	4,962	1.074	21.6
12.00-15.99	4,172	749	18.0	2,695	581	21.6	2,469	522	21.1	616	138	22.4	9,952	1,990	20.0
≥16	3,220	654	20.3	2,895	634	21.9	1,657	338	20.4	305	70	23.0	8,077	1,696	21.0
Subtotald	10 707	2 104	10.5	7 472	1 609	21.5	7 202	1 550	21 /	1 622	255	21.0	07 10/	5,000	20.7
	10,707	2,104	19.5	1,412	1,000	21.0	1,295	1,559	21.4	1,032	300	21.0	27,104	5,020	20.7
Female															
Below federal poverty level (%)		4 - 4			~~~	<u> </u>	00-		<u> </u>		~~	<u> </u>	4 00 4		~~~~
<10	609	151	24.8	144	32	22.2	265	55	20.8	/6	22	28.9	1,094	260	23.8
10.00-12.99	6/6	1/1	25.3	212	47	22.2	306	68	22.2	/6	29	38.2	1,270	315	24.8
13.00–16.99	1,504	309	20.5	363	87	24.0	4/4	88	18.6	106	24	22.6	2,447	508	20.8
≥1/	1,006	219	21.8	239	45	18.8	185	43	23.2	35	5	14.3	1,465	312	21.3
Less than high school diploma (%))														
<9	504	129	25.6	90	1/	18.9	246	47	19.1	53	18	34.0	893	211	23.6
9.00–12.99	1,461	330	22.6	278	71	25.5	520	100	19.2	121	44	36.4	2,380	545	22.9
13.00–17.99	992	218	22.0	176	33	18.8	257	54	21.0	44	8	18.2	1,469	313	21.3
≥18	838	1/3	20.6	414	90	21.7	207	53	25.6	/5	10	13.3	1,534	326	21.3
Median household income (U.S. \$)															
<41,000	372	.91	24.5	85	18	21.2	83	20	24.1	10	0	0.0	550	129	23.5
41,000–47,999	737	147	19.9	157	39	24.8	228	49	21.5	31	8	25.8	1,153	243	21.1
48,000–55,999	1,065	244	22.9	221	50	22.6	369	76	20.6	65	19	29.2	1,720	389	22.6
≥56,000	1,621	368	22.7	495	104	21.0	550	109	19.8	187	53	28.3	2,853	634	22.2
Without health insurance (%)								_							
<8	482	129	26.8	142	30	21.1	238	53	22.3	63	24	38.1	925	236	25.5
8.00–11.99	708	152	21.5	134	31	23.1	302	57	18.9	67	23	34.3	1,211	263	21.7
12.00–15.99	1,276	276	21.6	324	66	20.4	418	82	19.6	98	20	20.4	2,116	444	21.0
≥16	1,329	293	22.0	358	84	23.5	272	62	22.8	65	13	20.0	2,024	452	22.3
Subtotal ^d	3,857	868	22.5	961	212	22.1	1,242	257	20.7	295	80	27.1	6,355	1,417	22.3
Total	14,644	2,972	20.3	8,433	1,820	21.6	8,535	1,816	21.3	1,927	435	22.6	33,539	7,043	21.0

Abbreviations. SDH, social determinants of health [footnotes only]; CD4, CD4+ T-lymphocyte count (cells/µL) or percentage [footnotes only].

Note. Data are based on residence at diagnosis.

For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2017_ACSSubjectDefinitions.pdf.

^a Hispanics/Latinos can be of any race. ^b Includes American Indian/Alaska Native, Asian, Native Hawaiian/other Pacific Islander, and multiple races. ^c Based on first CD4 test performed or documentation of an AIDS-defining condition ≤3 months after a diagnosis of HIV infection. ^d Because column subtotals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column subtotals. See Technical Notes for the criteria used to define SDH subpopulations.

Table 2. Stage of disease at diagnosis of HIV infection during 2017, among persons aged ≥18 years, by sex and selected social determinants of health—county level, 41 states and the District of Columbia

				Stage	ə 1	Stage	2	Stage 3 (AIDS)		
	Total	Stage	0 ^a	(CD4 ≥500 or ≥26	cells/µL Տ%)	(CD4 200–499 or 14%-2) cells/µL 25%)	(OI or CD4 <20 or <14	00 cells/µL I%)	Stag unkno	je)wn ^b
	No.	No.	%	No.	%	No.	%	No.	%	No.	%
Male											
Below federal poverty level (%)											
<10	4,087	270	6.6	1,096	26.8	1,224	29.9	915	22.4	582	14.2
10.00–12.99	5,753	401	7.0	1,500	26.1	1,733	30.1	1,223	21.3	896	15.6
13.00–16.99	11,566	732	6.3	2,743	23.7	3,553	30.7	2,336	20.2	2,202	19.0
≥17	5,522	372	6.7	1,397	25.3	1,790	32.4	1,103	20.0	860	15.6
Less than high school diploma ((%)										
<9	3,656	229	6.3	974	26.6	1,137	31.1	778	21.3	538	14.7
9.00–12.99	9,903	622	6.3	2,543	25.7	3,062	30.9	2,012	20.3	1,664	16.8
13.00–17.99	5,724	350	6.1	1,393	24.3	1,710	29.9	1,264	22.1	1,007	17.6
≥18	7,645	574	7.5	1,826	23.9	2,391	31.3	1,523	19.9	1,331	17.4
Median household income (U.S.	\$)										
<41,000	1,924	149	7.7	423	22.0	576	29.9	428	22.2	348	18.1
41,000–47,999	4,257	202	4.7	1,101	25.9	1,373	32.3	884	20.8	697	16.4
48,000–55,999	7,138	393	5.5	1,792	25.1	2,178	30.5	1,507	21.1	1,268	17.8
≥56,000	13,609	1,031	7.6	3,420	25.1	4,173	30.7	2,758	20.3	2,227	16.4
Without health insurance (%)											
<8	3,937	321	8.2	1,064	27.0	1,277	32.4	817	20.8	458	11.6
8.00–11.99	4,962	366	7.4	1,252	25.2	1,501	30.2	1,074	21.6	769	15.5
12.00–15.99	9,952	645	6.5	2,354	23.7	3,032	30.5	1,990	20.0	1,931	19.4
≥16	8,077	443	5.5	2,066	25.6	2,490	30.8	1,696	21.0	1,382	17.1
Subtotal ^c	27,184	1,785	6.6	6,782	24.9	8,385	30.8	5,626	20.7	4,606	16.9

				Stage	e 1	Stage	2	Stage 3 (AIDS)		
	Total	Stage	0 ^a	(CD4 ≥500 or ≥26	cells/µL 5%)	CD4 200–499) or 14%-2	9 cells/µL 25%)	(OI or CD4 <20 or <14	00 cells/µL ŀ%)	Stao unkno	je)wn ^b
	No.	No.	%	No.	%	No.	%	No.	%	No.	%
Female											
Below federal poverty level (%)											
<10	1,094	51	4.7	312	28.5	308	28.2	260	23.8	163	14.9
10.00–12.99	1,270	61	4.8	359	28.3	345	27.2	315	24.8	190	15.0
13.00–16.99	2,447	107	4.4	662	27.1	684	28.0	508	20.8	486	19.9
≥17	1,465	82	5.6	418	28.5	429	29.3	312	21.3	224	15.3
Less than high school diploma (%)											
<9	893	38	4.3	271	30.3	242	27.1	211	23.6	131	14.7
9.00–12.99	2,380	103	4.3	644	27.1	668	28.1	545	22.9	420	17.6
13.00–17.99	1,469	71	4.8	422	28.7	424	28.9	313	21.3	239	16.3
≥18	1,534	89	5.8	414	27.0	432	28.2	326	21.3	273	17.8
Median household income (U.S. \$)											
<41,000	550	35	6.4	143	26.0	158	28.7	129	23.5	85	15.5
41,000–47,999	1,153	51	4.4	349	30.3	324	28.1	243	21.1	186	16.1
48,000–55,999	1,720	68	4.0	466	27.1	495	28.8	389	22.6	302	17.6
≥56,000	2,853	147	5.2	793	27.8	789	27.7	634	22.2	490	17.2
Without health insurance (%)											
<8	925	57	6.2	260	28.1	247	26.7	236	25.5	125	13.5
8.00–11.99	1,211	52	4.3	340	28.1	361	29.8	263	21.7	195	16.1
12.00–15.99	2,116	108	5.1	571	27.0	578	27.3	444	21.0	415	19.6
≥16	2,024	84	4.2	580	28.7	580	28.7	452	22.3	328	16.2
Subtotal ^c	6,355	303	4.8	1,767	27.8	1,784	28.1	1,417	22.3	1,084	17.1
Total	33,539	2,088	6.2	8,549	25.5	10,169	30.3	7,043	21.0	5,690	17.0

Abbreviations: CD4, CD4+ T-lymphocyte count (cells/µL) or percentage; OI, opportunistic infection (i.e., AIDS-defining condition); SDH, social determinants of health [footnotes only]. *Note*. Stage of disease at diagnosis of HIV infection based on first CD4 test performed or documentation of an AIDS-defining condition ≤3 months after a diagnosis of HIV infection. Data are based on residence at diagnosis.

See Technical Notes for the list of areas that met the criteria for complete laboratory reporting.

For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2017_ACSSubjectDefinitions.pdf. ^a First positive HIV test result is within 6 months after a negative HIV test result. The diagnosis of an AIDS-defining condition or a low CD4 test result before the 6 months has elapsed does not change the state from stage 0 to stage 3.

^b Includes persons with no CD4 information.

^c Because column subtotals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column subtotals. See Technical Notes for the criteria used to define SDH subpopulations.

		-	≤1 m	onth	≤3 m	onths
	То	otal	≥1 CD4 o	r VL tests	≥1 CD4 o	VL tests
	No.	% ^a	No.	%	No.	%
			Black/Africa	n American		
Male						
Below federal poverty level (%)			(
<10	1,394	13.1	1,080	77.5	1,198	85.9
10.00–12.99	1,848	17.4	1,378	74.6	1,555	84.1
13.00–16.99	4,771	44.9	3,471	72.8	3,894	81.6
≥17	2,602	24.5	1,990	76.5	2,235	85.9
Less than high school diploma (%)						
<9	1,430	13.5	1,087	76.0	1,217	85.1
9.00–12.99	4,224	39.8	3,121	73.9	3,529	83.5
13.00–17.99	2,605	24.5	1,997	76.7	2,222	85.3
≥18	2,356	22.2	1,714	72.8	1,914	81.2
Median household income (U.S. \$)						
<41,000	1,015	9.6	761	75.0	862	84.9
41,000–47,999	1,936	18.2	1,477	76.3	1,642	84.8
48,000–55,999	3,066	28.9	2,205	71.9	2,526	82.4
≥56,000	4,598	43.3	3,476	75.6	3,852	83.8
Without health insurance (%)						
<8	1,216	11.5	976	80.3	1,051	86.4
8.00–11.99	2,007	18.9	1,515	75.5	1,717	85.6
12.00–15.99	4,172	39.3	3,078	73.8	3,464	83.0
≥16	3.220	30.3	2.350	73.0	2.650	82.3
Subtotal ^b	10,787	100	8.047	74.6	9.020	83.6
Female			0,011		0,010	
Bolow fodoral povorty loval (%)						
	609	16.0	517	84 0	557	01 5
10 00 12 00	676	17.8	524	77.5	502	87.6
12.00 16.00	1 504	30.6	1 16/	77 /	1 285	07.0 85.4
>17	1,504	26 5	700	78.5	991	97.6
$\leq 1/$	1,000	20.5	790	70.5	001	07.0
Less than high school diploma (%)	504	12.2	125	06.2	461	01 5
< 9	504 1.461	10.0	400	00.J 70.1	401	91.0 07.0
9.00-12.99	1,401	30.5 26.1	1,141	70.1	1,273	07.J 07.0
13.00-17.99 >10	992	20.1	193	79.9	709	01.0 01 E
	030	22.1	020	/4./	700	04.0
Median household income (U.S. \$)	070	0.0	000	70.0	005	07.4
<41,000	372	9.8	290	78.0	325	87.4
41,000–47,999	/3/	19.4	5//	78.3	642	87.1
48,000–55,999	1,065	28.1	812	76.2	916	86.0
≥56,000	1,621	42.7	1,316	81.2	1,432	88.3
Without health insurance (%)		40 -		07.4		00.0
<8	482	12.7	420	87.1	445	92.3
8.00–11.99	708	18.7	580	81.9	636	89.8
12.00–15.99	1,276	33.6	996	78.1	1,093	85.7
≥16	1,329	35.0	999	75.2	1,141	85.9
Subtotal ^D	3,857	100	3,036	78.7	3,362	87.2
Total	14,644	100	11,083	75.7	12,382	84.6

Table 3. Linkage to HIV medical care after HIV diagnosis during 2017, among persons aged ≥18 years, by race/ethnicity, sex, and selected social determinants of health—county level, 41 states and the District of Columbia

			≤1 m	onth	≤3 months		
	То	otal	≥1 CD4 o	r VL tests	≥1 CD4 or VL tes		
	No.	% ^a	No.	%	No.	%	
			Hispanio	c/Latino ^c			
Male							
Below federal poverty level (%)							
<10	931	12.5	783	84.1	847	91.0	
10.00–12.99	1,531	20.6	1,234	80.6	1,360	88.8	
13.00–16.99	3,167	42.6	2,406	76.0	2,653	83.8	
≥17	1,809	24.3	1,473	81.4	1,619	89.5	
Less than high school diploma (%)							
<9	534	7.2	454	85.0	485	90.8	
9.00-12.99	2,084	28.0	1,692	81.2	1,853	88.9	
13.00–17.99	1.300	17.5	1.023	78.7	1.132	87.1	
≥18	3.520	47.3	2,727	77.5	3.009	85.5	
Median household income (U.S. \$)	-,		,		-,		
<41 000	463	62	388	83.8	417	90.1	
41 000_47 999	1 173	15.8	962	82.0	1 056	90.0	
48,000-55,999	1 704	22.9	1 310	76.9	1,000	85.6	
>56 000	1,704	55 1	3 236	70.5	3 5/17	86.6	
Without health incurance (%)	4,000	55.1	5,250	75.0	5,547	00.0	
	010	10.0	780	85.0	830	02.2	
<0 8 00 11 00	910	12.2	702	00.9	059	92.2	
0.00-11.99 10.00 15.00	930	12.0	791	04.3	0.071	90.7	
12.00-15.99	2,095	30.2	2,064	70.0	2,271	04.3 07.0	
216	2,895	38.9	2,259	78.0	2,518	87.0	
Subtotal	7,472	100	5,919	79.2	6,504	87.0	
Female							
Below federal poverty level (%)							
<10	144	15.0	122	84.7	130	90.3	
10.00–12.99	212	22.1	166	78.3	190	89.6	
13.00–16.99	363	37.9	277	76.3	308	84.8	
≥17	239	24.9	201	84.1	219	91.6	
Less than high school diploma (%)							
<9	90	9.4	73	81.1	82	91.1	
9.00–12.99	278	29.0	219	78.8	245	88.1	
13.00–17.99	176	18.4	143	81.3	154	87.5	
≥18	414	43.2	331	80.0	366	88.4	
Median household income (U.S. \$)							
<41.000	85	8.9	73	85.9	78	91.8	
41 000-47 999	157	16.4	129	82.2	141	89.8	
48 000-55 999	221	23.1	169	76.5	195	88.2	
>56 000	495	51 7	395	79.8	433	87.5	
Without health incurance (%)	+55	51.7	000	75.0	-00	07.5	
	140	1/ 8	101	85.2	131	02.3	
×0 8 00 11 00	14Z 134	14.0	1Z1 110	00.Z 92.1	101	92.3 00.3	
	104	14.U 22 0	110	02.1 74 7	121	90.3 84 0	
12.00-13.99	JZ4 250	33.0 27 4	242	14.1	210	04.9	
	358	37.4	293	01.0 70.0	320	09.4 00.4	
Subtotal	961	100	/68	79.9	850	88.4	
Total	8,433	100	6,687	79.3	7,354	87.2	

Table 3. Linkage to HIV medical care after HIV diagnosis during 2017, among persons aged ≥18 years, by race/ethnicity, sex, and selected social determinants of health—county level, 41 states and the District of Columbia (*cont*)

			≤1 m	onth	≤3 m	onths
	To	otal	≥1 CD4 o	r VL tests	≥1 CD4 o	r VL tests
	No.	% ^a	No.	%	No.	%
			Wh	nite		
Below federal poverty level (%)		10.1		05.0	1	00 /
<10	1,409	19.4	1,201	85.2	1,298	92.1
10.00–12.99	1,932	26.7	1,578	81.7	1,741	90.1
13.00–16.99	2,993	41.3	2,434	81.3	2,662	88.9
≥17	912	12.6	724	79.4	823	90.2
Less than high school diploma (%)						
<9	1,416	19.5	1,205	85.1	1,313	92.7
9.00–12.99	2,960	40.9	2,453	82.9	2,681	90.6
13.00–17.99	1,534	21.2	1,218	79.4	1,357	88.5
≥18	1,336	18.4	1,061	79.4	1,173	87.8
Median household income (U.S. \$)						
<41,000	376	5.2	287	76.3	332	88.3
41.000-47.999	1.016	14.0	813	80.0	903	88.9
48.000–55.999	2.033	28.1	1.642	80.8	1.818	89.4
≥56,000	3.821	52.7	3,195	83.6	3,471	90.8
Without health insurance (%)	0,021	02.1	0,100		0,	
	1 /31	10 7	1 2/17	87 1	1 330	93.6
<pre>>0 9.00 11.00</pre>	1,401	23.3	1,247	827	1,555	00 5
12.00 15.00	2,460	20.0	1,007	02.7 80.3	2 105	90.0 88 0
12.00-15.99	2,409	0 4 .1	1,905	70.1	2,195	00.9
	1,007	22.9	1,310	79.1	1,401	00.Z
Subtotal	7,293	100	5,970	81.9	0,501	90.0
Female						
Below federal poverty level (%)						
<10	265	21.5	219	82.6	242	91.3
10.00–12.99	306	24.9	246	80.4	273	89.2
13.00–16.99	474	38.5	365	77.0	402	84.8
≥17	185	15.0	135	73.0	156	84.3
Less than high school diploma (%)						
<9	246	20.0	212	86.2	229	93.1
9.00–12.99	520	42.3	400	76.9	450	86.5
13.00–17.99	257	20.9	201	78.2	227	88.3
≥18	207	16.8	152	73.4	167	80.7
Median household income (U.S. \$)						
<41.000	83	6.7	57	68.7	72	86.7
41 000-47 999	228	18.5	174	76.3	192	84.2
48 000–55 999	369	30.0	289	78.3	321	87.0
>56 000	550	44 7	445	80.9	488	88.7
Without health insurance (%)	000	77.1	077	00.5	-100	00.7
	020	10.2	204	85.7	017	01 2
>U 9.00.11.00	200	19.0	20 4 040	00.7 90 E	217	۲۱.۲ ۵۵ ۸
0.00-11.99	302	24.0 24.0	243	80.5	207	00.4
12.00–15.99	418	34.0	310	74.2	350	<u>ბ</u> კ./
≥16	2/2	22.1	208	/6.5	239	87.9
Subtotal	1,242	100	975	78.5	1,083	87.2
Total	8,535	100	6,945	81.4	7,644	89.6

Table 3.	Linkage to HIV medical care after HIV diagnosis durin	g 2017, among persons aged \geq 18 years, by race/ethnicity,
	sex, and selected social determinants of health-could	ity level, 41 states and the District of Columbia (cont)

			≤1 m	onth	≤3 months		
	То	otal	≥1 CD4 o	r VL tests	≥1 CD4 c	or VL tests	
	No.	% ^a	No.	%	No.	%	
			Oth	ner ^d			
Male							
Below federal poverty level (%)	050	04 7	000	05.0	000	00.4	
<10	353	21.7	303	85.8	326	92.4	
10.00–12.99	442	27.1	369	83.5	399	90.3	
13.00–16.99	635	39.0	500	/8./	546	86.0	
≥1/	199	12.2	149	74.9	1/3	86.9	
Less than high school diploma (%)							
<9	276	16.9	237	85.9	254	92.0	
9.00–12.99	635	39.0	523	82.4	567	89.3	
13.00–17.99	285	17.5	220	77.2	246	86.3	
≥18	433	26.6	341	78.8	377	87.1	
Median household income (U.S. \$)							
<41,000	70	4.3	51	72.9	60	85.7	
41,000–47,999	132	8.1	106	80.3	119	90.2	
48,000–55,999	335	20.6	252	75.2	292	87.2	
≥56,000	1,092	67.0	912	83.5	973	89.1	
Without health insurance (%)							
<8	380	23.3	317	83.4	338	88.9	
8.00–11.99	328	20.1	278	84.8	301	91.8	
12.00–15.99	616	37.8	485	78.7	535	86.9	
≥16	305	18.7	241	79.0	270	88.5	
Subtotal ^b	1,632	100	1,322	81.0	1,447	88.7	
Female							
Below federal poverty level (%)							
<10	76	25.9	67	88.2	70	92.1	
10.00–12.99	76	25.9	58	76.3	71	93.4	
13.00–16.99	106	36.2	79	74.5	83	78.3	
≥17	35	11.9	30	85.7	34	97.1	
Less than high school diploma (%)							
<9	53	18.1	45	84.9	46	86.8	
9.00-12.99	121	41.3	103	85.1	114	94.2	
13.00–17.99	44	15.0	33	75.0	39	88.6	
≥18	75	25.6	53	70.7	59	78.7	
Median household income (U.S. \$)							
<41 000	10	34	8	80.0	10	100	
41 000-47 999	31	10.6	27	87.1	31	100	
48 000-55 999	65	22.2	49	75.4	56	86.2	
>56 000	187	63.8	150	80.2	161	86.1	
Without health insurance (%)	107	00.0	100	00.2	101	00.1	
	63	21 5	56	88 0	60	95 2	
 N0_11 QQ 	67	21.0	50	82.1	50	90.Z 88.1	
	07	22.9 33 1		75 5	53 28	00.1 8/1 7	
12.00-13.33 >16	90 65	00.4 00.0	/ 1	75.0	03	04.1 QC 0	
	00	22.2 100	43	10.4 00.0	00	00.Z	
Sudiotal	290	100	230	00.0	200	00. I	
Total	1,927	100	1,558	80.9	1,707	88.6	

Table 3. Linkage to HIV medical care after HIV diagnosis during 2017, among persons aged ≥18 years, by race/ethnicity, sex, and selected social determinants of health—county level, 41 states and the District of Columbia (*cont*)

Table 3. Linkage to HIV medical care after HIV diagnosis during 2017, among persons aged ≥18 years, by race/ethnicity, sex, and selected social determinants of health—county level, 41 states and the District of Columbia (*cont*)

Total ≥1 CD4 or VL tests ≥1 CD4 or VL tests ≥1 CD4 or VL tests No. % No. % No. % Below foderal poverty level (%) 10 4.087 15.2 3.367 82.4 3.669 89.8 10.00-12.99 5.753 21.4 4.559 79.2 5.055 67.9 13.00-16.99 11.566 43.0 8.811 76.2 9.755 44.80 7.84 9 3.656 13.6 2.983 81.6 3.269 89.4 9.00-12.99 9.903 36.8 7.789 77.7 8.630 67.1 13.00-17.99 5.724 21.3 4.488 77.9 4.957 86.6 ≥18 7.645 28.4 5.843 76.4 6.473 84.7 <41.000 1.924 7.1 1.467 77.3 1.671 86.9 41.000-27.999 4.257 15.8 3.328 76.9 3.720 67.4 <68 3.937					onth	≤3 months		
No. % ^a No. % Male Total Below federal poverty level (%) 10 10.00-12.99 5,753 21.4 4,559 79.2 5,055 87.9 13.00-16.99 11,566 43.0 8,811 76.2 9,755 84.3 217 5,522 20.5 4,336 78.5 4,860 87.8 0.0-12.99 9,903 36.8 7,789 78.7 8,630 87.1 13.00-17.99 5,724 21.3 4,458 76.4 6,473 84.7 41,000 1.924 7.1 1,487 77.3 1,671 86.9 41,000-47,999 4,257 15.8 3,356 78.9 3,720 67.4 41,000-47,999 4,257 15.8 3,356 78.9 3,720 67.4 42,000 13,609 50.5 10,819 79.5 11,843 87.0 43,000 13,609 50.5 10,819 79.5 <td< th=""><th></th><th>То</th><th>tal</th><th>≥1 CD4 oi</th><th>r VL tests</th><th>≥1 CD4 or</th><th>· VL tests</th></td<>		То	tal	≥1 CD4 oi	r VL tests	≥1 CD4 or	· VL tests	
Total Note detail poverty level (%) <10 4,087 15.2 3,367 82.4 3,669 89.8 10,00-12.99 5,753 21.4 4,559 79.2 5,055 87.9 ≥17 5.52 20.5 4,360 78.5 4,850 87.8 Less than high school diploma (%) 8.60 87.7 9.00-12.99 9.903 36.8 7.789 78.7 8.630 87.1 13.00-17.99 5.724 21.3 4.458 77.9 4.957 86.6 ≥18 7,64 2.84 3.689 77.3 1.671 86.9 41.000 1.924 7.1 1.487 77.3 1.671 86.9 44.000-55.999 7.138 2.5 5.409 75.8 6.095 85.4 256.000 13.609 50.5 10.819 79.5 11.843 87.0 210 1.99 4.962 18.4 3		No.	% ^a	No.	%	No.	%	
Male <10				Tot	tal			
Below Hear a poverty level (%) <10	Male							
10 4,007 15.2 3,607 62.4 3,009 89.8 10.00-12.99 15,66 43.0 8,811 76.2 9,755 84.3 ≥17 5,522 20.5 4,336 78.5 4,850 87.8 <9	Below federal poverty level (%)	4 007	45.0	0.007	00.4	2 000	00.0	
10.00-12.99 5,73 2,14 4,509 7,5 5,015 8,43 ≥17 5,52 2,0,5 4,336 7,8,5 4,850 8,7,8 ≥17 5,52 2,0,5 4,336 7,8,5 4,850 8,7,8 Less than high school diploma (%) <9 9,90,3 36,6 7,789 7,8,7 8,630 8,7,1 13.00-17.99 5,724 2,1,3 4,458 7,7,9 4,957 8,6,6 ≥18 7,64 6,473 8,47 Median household income (U.S. S) <41,000 1,924 7,1 1,487 7,7,3 1,671 8,6,9 44,000-55,999 7,138 26,5 5,409 7,5,8 6,095 85,4 ±6,000 13,009 5,52 3,7,0 7,610 7,6,5 8,465 85,1 ≥16 8,077 30,0 6,610 7,6,3 6,899 85,4 ≥10 1,09 1,270 20,2 994 7,8,3 1,126 8,87 13.00-16,99 2,2447 330 1,865 77,0 2,073 84,9 ≤10 1,094 17,4 925 84,6 999 91,3 10.00-12,99 1,270 20,2 994 7,8,3 1,126 8,87 13.00-16,99 2,447 330 1,865 77,0 2,073 84,9 ≥17 1,469 23,3 1,156 7,8 19, 1,290 88,1 Less than high school diploma (%) <9 893 14,2 7,65 85,7 818 91,6 13.00-17,99 1,469 23,3 1,156 7,8 19, 2,90 88,1 Less than high school diploma (%) <9 893 14,2 7,65 85,7 818 91,6 13.00-17,99 1,53 18,4 907 7,87 1,000 8,73 44,000 5,599 1,720 27,4 4,139 7,87 1,000 8,73 44,000 5,599 1,720 27,4 4,139 7,87 1,000 8,73 44,000 5,599 1,720 27,4 4,139 7,87 1,000 8,73 44,000 4,7,999 1,153 18,4 907 7,87 1,006 8,73 44,000 4,7,999 1,153 18,4 90	< 10	4,087	15.2	3,307	82.4	3,669	89.8	
13:00-16:99 11,300 43.0 0.011 70.2 9,735 64.3 <5	10.00-12.99	5,753	21.4	4,559	79.2	5,055	87.9	
21/ 5,22 2.0.5 4,30 7.6.5 4,80 87.8 <9	13.00–16.99	11,500	43.0	0,011	70.2	9,755	04.3 07.0	
Less than high school diploma (%) <9 3,656 13.6 2.983 81.6 3.269 89.4 9.00-12.99 9,903 36.8 7,789 78.7 8,630 87.1 13.00-17.99 5,724 21.3 4,458 77.9 4,957 86.6 <71 8.610 77.3 1,671 86.9 <41,000 1,924 7.1 1,487 77.3 1,671 86.9 <41,000 1,924 7.1 1,487 77.3 1,671 86.9 <41,000 1,3609 50.5 10.819 75.8 6,095 85.4 \geq 56,000 13,609 50.5 10.819 75.8 6,095 85.4 \geq 56,000 13,009 50.5 10.819 75.8 6,095 85.4 \geq 56,000 13,009 50.5 10.819 75.8 6,095 85.4 Subtata ¹ 2.7,184 100 21.258 78.2 23,532 86.6 Female Below federal poverty level (%) <10 1,094 17.4 925 84.6 999 91.3 10.00-12.99 1,270 20.2 994 78.3 1,126 88.7 13.00-16.99 2,2447 33.0 1,885 77.0 2,078 84.9 \geq 17 1,465 23.3 1,156 78.9 1,290 88.1 13.00-16.99 2,2447 33.0 1,885 77.0 2,078 84.9 \geq 17 1,469 23.4 1,170 79.6 1,291 87.9 <17 1,465 23.3 1,156 78.9 1,290 88.1 Less than high school diploma (%) <9 893 14.2 765 85.7 818 91.6 9.00-12.99 1,240 23.4 1,170 79.6 1,291 87.9 \geq 18 (<100 1,693 2,2447 33.0 1,885 77.0 2,078 84.9 \geq 17 4,169 2,34 1,170 79.6 1,291 87.9 \geq 18 (<100 2,253 4,25 2,306 85.7 818 91.6 9.00-12.99 1,240 27.4 1,319 76.7 1,488 86.2 41,000 47,999 1,153 18.4 907 78.7 1,000 87.3 41,000 47.999 1,165 18,4 907 78.7 1,000 87.3 41,000 47.999 1,161 18,3 84.4 907 78.7 1,006 87.3 44,000 -25,999 2,360 37.9 1,863 78.3 2,084 87.6 <1,000 2,653 8.5 2,306 80.2,514 88.1 <1,000 4,79.99 1,163 18.4 907 78.7 1,006 87.3 48,000-55,999 2,116 33.7 1,622 76.7 1,488 86.5 \geq 56,000 2,853 45.5 2,306 80.2,514 88.1 <1,000 4,79.99 1,163 37.4 22.767 1,488 86.5 \geq 56,000 2,853 42.2 76.7 1,801 86.6 853 92.2 <00 -11.99 1,211 19.3 988 81.6 1,083 89.4 <1,000 45.99 2,216 33.7 6,22 76.7 1,801 86.5 \geq 56,000 2,804 32.2 1,549 76.5 1,756 86.8 \leq 60 11.9 36 1,154 36.7 165 17.5 16 86.8 \leq 70.4 35.2 155 10.55	21/	5,522	20.5	4,336	78.5	4,850	87.8	
<93,05013.62,93336.163,20989.49,00-12.999,00336.87,78978.78,63087.113.00-17.995,72421.34,45877.94,95786.6≥187,64528.45,84376.46,47384.7Median household income (U.S. \$)<41,000	Less than high school diploma (%)	0.050	40.0	0.000	04.0	0.000	00.4	
9,00-12,199 9,900 9,003 9,003 9,003 9,003 7,087 7,099 7,77 8,77 8,6530 87,1 13,00-17,99 5,724 21,3 4,458 77,9 4,957 86,6 ≤18 7,645 28,4 5,843 76,4 6,473 84,7 Median household income (U.S. \$) <41,000 1,929 7,1 1,487 77,3 1,671 86,9 41,000-47,999 4,257 15,8 3,358 78,9 3,720 87,4 48,000-55,999 7,138 26,5 5,409 75,8 6,095 85,4 ≥56,000 13,609 50,5 10,819 79,5 11,843 87,0 Without health insurance (%) < <8 3,937 14,6 3,322 84,4 3,567 90,6 8,00-11,99 4,962 18,4 3,981 80,2 4,398 88,6 12,00-15,99 9,952 37,0 7,610 76,5 8,465 85,1 ≥16 8,077 30,0 6,160 76,3 6,899 85,4 Subtotal ⁶ 27,184 100 21,258 78,2 23,532 86,6 Female Below federal poverty level (%) < <10 1,094 17,4 925 84,6 999 91,3 10,00-12,99 1,270 20,2 994 78,3 1,126 88,7 13,00-16,99 2,447 39,0 1,885 77,0 2,078 84,9 ≥17 1,465 23,3 1,156 78,9 1,290 88,1 Less than high school diploma (%) < <9 8,933 14,2 765 85,7 818 91,6 9,00-12,99 3,380 37,9 1,863 78,3 2,004 87,6 13,00-17,99 1,469 23,4 1,170 79,6 1,291 87,9 ≥18 1,534 24,4 1,162 75,7 1,300 84,7 Median household income (U.S. \$) < $<41,000$ 550 8,8 428 77,8 485 88,2 41,000-47,999 1,153 18,4 907 78,7 1,006 87,3 44,000 550 8,9428 77,8 485 88,2 41,000-47,999 1,153 18,4 907 78,7 1,006 87,3 44,000 550 8,428 77,8 485 88,2 41,000-47,999 1,153 18,4 907 78,7 1,006 87,3 44,000 550 8,428 77,8 485 88,2 41,000-47,999 1,153 18,4 907 78,7 1,006 87,3 44,000 550 8,428 77,8 485 88,2 41,000-47,999 1,153 18,4 907 78,7 1,006 87,3 44,000-55,999 1,720 27,4 1,319 76,7 1,488 86,5 ≥66,000 2,853 45,5 2,306 80,8 2,514 88,1 Without health insurance (%) < <8 925 14,7 801 86,6 853 92,2 800-11,99 1,211 19,3 988 81,6 1,083 89,4 12,00-15,99 2,116 33,7 1,622 76,7 1,801 85,1 ≥16 2,024 32,2 1,549 76,5 1,756 86,8 21,214 23,2 2,1549 76,5 1,756 86,8 21,214 23,2 2,1549 76,5 1,756 86,8 21,214 23,2 2,1549 76	<9	3,656	13.6	2,983	81.6	3,269	89.4	
13.00–17.99 5,724 21.3 4,458 7.9 4,957 80.6 ≥18 7,645 28.4 5,843 76.4 6,473 84.7 Median household income (U.S. \$)	9.00–12.99	9,903	36.8	7,789	/8./	8,630	87.1	
≥187,64528,45,8437.6.46,4/384.7Median household income (U.S. \$)1,9247.11,48777.31,67186.941,0001,9247.11,48777.31,67186.941,000-47,9994,25715.83,35878.93,72087.440,000-55,9997,13826.55,40979.511,84387.0Without health insurance (%) $<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<><<<<<><<<<><$	13.00–17.99	5,724	21.3	4,458	77.9	4,957	86.6	
Median household income (U.S. 5) <41,000	≥18	7,645	28.4	5,843	76.4	6,473	84.7	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Median household income (U.S. \$)		_ /		0			
41,000-47,9994,25715.83,35878.93,72087.448,000-55,9997,13826.55,40975.86,09585.4 $\geq 56,00$ 13,60950.510,81979.511,84387.0Without health insurance (%)<8	<41,000	1,924	7.1	1,487	77.3	1,671	86.9	
44.000-55,9997,13826.55,40975.86,09585.4≥66,00013,60950.510,81979.511,84387.0Without health insurance (%) $3,937$ 14.63,32284.43,56790.6 < 8 3,93714.63,32284.43,56790.6 $8,00-11.99$ 9,95237.07,61076.58,46585.1 ≥ 16 8,07730.06,16076.36,89985.4Subtotal ^b 27,18410021,25878.223,53286.6FemaleBelow federal poverty level (%)<10	41,000–47,999	4,257	15.8	3,358	78.9	3,720	87.4	
≥56,000 13,609 50.5 10,819 79.5 11,843 87.0 Without health insurance (%) <8 3,937 14.6 3,322 84.4 3,567 90.6 8.00-11.99 4,962 18.4 3,981 80.2 4,398 88.6 12.00-15.99 9,952 37.0 7,610 76.5 8,465 85.1 ≥16 8,077 30.0 6,160 76.3 6,899 85.4 Subtotal ^b 27,184 100 21,258 78.2 23,532 86.6 Female Below federal poverty level (%) <10 1,094 17.4 925 84.6 999 91.3 10.00-12.99 1,270 20.2 994 78.3 1,126 88.7 13.00-16.99 2,447 39.0 1,885 77.0 2,078 84.9 ≥17 1,465 23.3 1,156 78.9 1,220 88.1 Less than high school diploma (%) <9 893 14.2 765 85.7 818 91.6 9,00-12.99 1,330 37.9 1,863 78.3 2,084 87.6 13.00-17.99 2,380 37.9 1,863 78.3 2,084 87.6 13.00-17.99 1,469 23.4 1,170 79.6 1,291 87.9 ≥18 1,534 24.4 1,162 75.7 1,300 84.7 Median household income (U.S. \$) <41,000 550 8.8 428 77.8 485 88.2 41,000-47,999 1,153 18.4 907 78.7 1,006 87.3 44,000 45.59 8.8 428 77.8 485 88.2 41,000-47,999 1,153 18.4 907 78.7 1,006 87.3 44,000-47,999 1,153 18.4 907 78.7 1,006 87.3 44,000-47,999 1,153 18.4 907 78.7 1,006 87.5 ≥56,000 2,853 45.5 2,306 80.8 2,514 88.1 Without health insurance (%) <8 9 925 14.7 801 86.6 853 92.2 <8.00-11.99 1,211 19.3 988 81.6 1,083 89.4 12.00-15.99 2,116 33.7 1,622 76.7 1,801 85.1 ≥16 0,000 47.9 76.5 1,766 86.8	48,000–55,999	7,138	26.5	5,409	75.8	6,095	85.4	
Without health insurance (%) <8	≥56,000	13,609	50.5	10,819	79.5	11,843	87.0	
<8 3,337 14.6 3,322 84.4 3,567 90.6 8.00-11.99 4,962 18.4 3,981 80.2 4,398 88.6 12.00-15.99 9,952 37.0 7,610 76.5 8,465 85.1 ≥16 8,077 30.0 6,160 76.3 6,899 85.4 Subtotal ^b 27,184 100 21,258 78.2 23,532 86.6 Female Below federal poverty level (%) <10 1,094 17.4 925 84.6 999 91.3 10.00-12.99 1,270 20.2 994 78.3 1,126 88.7 13.00-16.99 2,447 39.0 1,885 77.0 2,078 84.9 ≥17 1,465 23.3 1,156 78.9 1,290 88.1 Less than high school diploma (%) <9 893 14.2 765 85.7 818 91.6 9.00-12.99 1,469 23.4 1,170 79.6 1,291 87.9 ≥18 1,534 24.4 1,162 75.7 1,300 84.7 Median household income (U.S. \$) <41,000 550 8.8 428 77.8 485 88.2 41,000 47.999 1,153 18.4 907 78.7 1,006 87.3 440,000 555 8.8 428 77.8 1485 86.2 41,000 47.999 1,153 18.4 907 78.7 1,006 87.3 48,00-55,999 1,720 27.4 1,319 76.7 1,488 86.5 ≥66,000 2,853 45.5 2,306 80.8 2,514 88.1 Without health insurance (%) <80 925 14.7 801 86.6 853 92.2 8.00-11.99 1,211 19.3 988 81.6 1,083 89.4 12.00-15.99 2,116 33.7 1,622 76.7 1,801 85.1 ≥16 1,003 89.4 ≥14 5,004 23.2 1,549 76.5 1,756 86.8	Without health insurance (%)							
8.00-11.994.96218.43.98180.24.39888.612.00-15.999.95237.07.61076.58.46585.1≥168.07730.06.16076.36.89985.4Subtotal ^b 27.18410021.25878.223.53286.6Female1.99417.492584.699991.310.00-12.991.27020.299478.31.12688.713.00-16.992.44739.01.88577.02.07884.9≥171.46523.31.15678.91.29088.1Less than high school diploma (%) </td <td><8</td> <td>3,937</td> <td>14.6</td> <td>3,322</td> <td>84.4</td> <td>3,567</td> <td>90.6</td>	<8	3,937	14.6	3,322	84.4	3,567	90.6	
12.00-15.999,952 37.0 7,61076.58,46585.1≥168,07730.06,16076.36,89985.4Subtotal ^b 27,18410021,25878.223,53286.6FemaleBelow federal poverty level (%)<10	8.00–11.99	4,962	18.4	3,981	80.2	4,398	88.6	
≥16 8,077 30.0 6,160 76.3 6,899 85.4 Subtotal ^b 27,184 100 21,258 78.2 23,532 86.6 Female Below federal poverty level (%) <10 1,094 17.4 925 84.6 999 91.3 10.00-12.99 1,270 20.2 994 78.3 1,126 88.7 13.00-16.99 2,447 39.0 1,885 77.0 2,078 84.9 ≥17 1,465 23.3 1,156 78.9 1,290 88.1 Less than high school diploma (%) <9 893 14.2 765 85.7 818 91.6 9.00-12.99 2,380 37.9 1,863 78.3 2,084 87.6 13.00-17.99 1,469 23.4 1,170 79.6 1,291 87.9 ≥18 1,534 24.4 1,162 75.7 1,300 84.7 Median household income (U.S. \$) <41,000 550 8.8 428 77.8 485 88.2 41,000 45,599 1,720 27.4 1,319 76.7 1,488 86.5 ≥56,000 2,853 45.5 2,306 80.8 2,514 88.1 Without health insurance (%) <8 925 14.7 801 86.6 853 92.2 8.00-11.99 1,211 19.3 988 81.6 1,083 89.4 12.00-15.99 2,116 33.7 1,622 76.7 1,801 85.1 ≥16 2,024 32.2 1,549 76.5 1,756 86.8	12.00–15.99	9,952	37.0	7,610	76.5	8,465	85.1	
Subtotal ^D 27,18410021,25878.223,53286.6FemaleBelow federal poverty level (%)<10	≥16	8,077	30.0	6,160	76.3	6,899	85.4	
FemaleBelow federal poverty level (%)<10	Subtotal ^b	27,184	100	21,258	78.2	23,532	86.6	
Below federal poverty level (%)<10	Female							
<10 1,094 1,74 925 84.6 999 91.3 1,000-12.99 1,270 20.2 994 78.3 1,126 88.7 1,300-16.99 ≥17 1,465 23.3 1,156 78.9 1,290 88.1 Less than high school diploma (%) <9 893 14.2 765 85.7 818 91.6 9.00-12.99 2,380 37.9 1,863 78.3 2,084 87.6 13.00-17.99 1,469 23.4 1,170 79.6 1,291 87.9 2,380 37.9 1,863 78.3 2,084 87.6 13.00-17.99 1,469 23.4 1,170 79.6 1,291 87.9 ≥18 1,534 24.4 1,162 75.7 1,300 84.7 Median household income (U.S. \$) <41,000 550 8.8 428 77.8 485 88.2 41,000-47,999 1,153 18.4 907 78.7 1,006 87.3 48,000-55,999 1,720 27.4 1,319 76.7 1,488 86.5 ≥56,000 2,853 45.5 2,306 80.8 2,514 88.1 Without health insurance (%) <8 925 14.7 801 86.6 853 92.1 1,211 19.3 988 81.6 1,083 89.4 12.00-15.99 2,116 33.7 1,622 76.7 1,801 85.1 ≥16 2,024 32.2 1,549 76.5 1,756 86.8 86.8 87.7 801 86.6 853 92.5 14.7 801 86.6 853 92.5 14.7 801 86.6 853 92.7 8.00-11.99 1,211 19.3 988 81.6 1,083 89.4 12.00-15.99 2,116 33.7 1,622 76.7 1,801 85.1 ≥16 2,024 32.2 80.6 76.5 <	Below federal poverty level (%)							
$10.00-12.99$ $1,270$ 20.2 994 78.3 $1,126$ 88.7 $13.00-16.99$ $2,447$ 39.0 $1,885$ 77.0 $2,078$ 84.9 ≥ 17 $1,465$ 23.3 $1,156$ 78.9 $1,290$ 88.1 Less than high school diploma (%)<9	<10	1,094	17.4	925	84.6	999	91.3	
13.00-16.99 $2,447$ 39.0 $1,885$ 77.0 $2,078$ 84.9 ≥17 $1,465$ 23.3 $1,156$ 78.9 $1,290$ 88.1 Less than high school diploma (%)<9 893 14.2 765 85.7 818 91.6 $9.00-12.99$ $2,380$ 37.9 $1,863$ 78.3 $2,084$ 87.6 $13.00-17.99$ $1,469$ 23.4 $1,170$ 79.6 $1,291$ 87.9 ≥18 $1,534$ 24.4 $1,162$ 75.7 $1,300$ 84.7 Median household income (U.S. \$)<41,000 550 8.8 428 77.8 485 88.2 $41,000-47,999$ $1,153$ 18.4 907 78.7 $1,006$ 87.3 $48,000-55,999$ $1,720$ 27.4 $1,319$ 76.7 $1,488$ 86.5 ≥56,000 $2,853$ 45.5 $2,306$ 80.8 $2,514$ 88.1 Without health insurance (%)<8 925 14.7 801 86.6 853 92.2 $8.00-11.99$ $1,211$ 19.3 988 81.6 $1,083$ 89.4 $12.00-15.99$ $2,116$ 33.7 $1,622$ 76.7 $1,801$ 85.1 ≥16 $2,024$ 32.2 $1,549$ 76.5 $1,756$ 86.6	10.00–12.99	1,270	20.2	994	78.3	1,126	88.7	
≥17 1,465 23.3 1,156 78.9 1,290 88.1 Less than high school diploma (%) <9 893 14.2 765 85.7 818 91.6 9.00-12.99 2,380 37.9 1,863 78.3 2,084 87.6 13.00-17.99 1,469 23.4 1,170 79.6 1,291 87.9 ≥18 1,534 24.4 1,162 75.7 1,300 84.7 Median household income (U.S. \$) <41,000 550 8.8 428 77.8 485 88.2 41,000-47,999 1,153 18.4 907 78.7 1,006 87.3 48,000-55,999 1,720 27.4 1,319 76.7 1,488 86.5 ≥56,000 2,853 45.5 2,306 80.8 2,514 88.1 Without health insurance (%) <8 925 14.7 801 86.6 853 92.2 8.00-11.99 1,211 19.3 988 81.6 1,083 89.4 12.00-15.99 2,116 33.7 1,622 76.7 1,801 85.1 ≥16 2,024 32.2 1,549 76.5 1,756 86.8	13.00–16.99	2,447	39.0	1,885	77.0	2,078	84.9	
Less than high school diploma (%)<9	≥17	1,465	23.3	1,156	78.9	1,290	88.1	
	Less than high school diploma (%)							
$9.00-12.99$ $2,380$ 37.9 $1,863$ 78.3 $2,084$ 87.6 $13.00-17.99$ $1,469$ 23.4 $1,170$ 79.6 $1,291$ 87.9 ≥ 18 $1,534$ 24.4 $1,162$ 75.7 $1,300$ 84.7 Median household income (U.S. \$)<41,000	<9	893	14.2	765	85.7	818	91.6	
13.00-17.99 $1,469$ 23.4 $1,170$ 79.6 $1,291$ 87.9 ≥18 $1,534$ 24.4 $1,162$ 75.7 $1,300$ 84.7 Median household income (U.S. \$) $<$ $<$ $<$ $<$ $<$ $<$ <41,000	9.00-12.99	2,380	37.9	1,863	78.3	2,084	87.6	
≥18 1,534 24.4 1,162 75.7 1,300 84.7 Median household income (U.S. \$) <41,000 5550 8.8 428 77.8 485 88.2 41,000-47,999 1,153 18.4 907 78.7 1,006 87.3 48,000-55,999 1,720 27.4 1,319 76.7 1,488 86.5 ≥56,000 2,853 45.5 2,306 80.8 2,514 88.1 Without health insurance (%) <8 925 14.7 801 86.6 853 92.2 8.00-11.99 1,211 19.3 988 81.6 1,083 89.4 12.00-15.99 2,116 33.7 1,622 76.7 1,801 85.1 ≥16 2,024 32.2 1,549 76.5 1,756 86.8	13.00–17.99	1,469	23.4	1,170	79.6	1,291	87.9	
Median household income (U.S. \$)<41,000	≥18	1,534	24.4	1,162	75.7	1,300	84.7	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Median household income (U.S. \$)							
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	<41,000	550	8.8	428	77.8	485	88.2	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	41,000–47,999	1,153	18.4	907	78.7	1,006	87.3	
≥56,000 2,853 45.5 2,306 80.8 2,514 88.1 Without health insurance (%) <8 925 14.7 801 86.6 853 92.2 8.00-11.99 1,211 19.3 988 81.6 1,083 89.4 12.00-15.99 2,116 33.7 1,622 76.7 1,801 85.1 ≥16 2,024 32.2 1,549 76.5 1,756 86.8	48,000–55,999	1,720	27.4	1,319	76.7	1,488	86.5	
Without health insurance (%) <8	≥56,000	2,853	45.5	2,306	80.8	2,514	88.1	
<892514.780186.685392.2 $8.00-11.99$ 1,21119.398881.61,08389.412.00-15.992,11633.71,62276.71,80185.1 ≥ 16 2,02432.21,54976.51,75686.8	Without health insurance (%)							
8.00-11.991,21119.398881.61,08389.412.00-15.992,11633.71,62276.71,80185.1≥162,02432.21,54976.51,75686.82.055100100100100100100	<8	925	14.7	801	86.6	853	92.2	
12.00-15.99 2,116 33.7 1,622 76.7 1,801 85.1 ≥16 2,024 32.2 1,549 76.5 1,756 86.8	8.00–11.99	1.211	19.3	988	81.6	1.083	89.4	
≥16 2,024 32.2 1,549 76.5 1,756 86.8	12.00–15.99	2.116	33.7	1.622	76.7	1.801	85.1	
	≥16	2.024	32.2	1.549	76.5	1,756	86.8	
Subtotal ⁰ 0.355 100 5.015 78.9 5.555 87.4	Subtotal ^b	6.355	100	5.015	78.9	5.555	87.4	
Total 33,539 100 26.273 78.3 29.087 86.7	Total	33.539	100	26.273	78.3	29.087	86.7	

Abbreviations: CD4, CD4+ T-lymphocyte count (cells/µL) or percentage; VL, viral load (copies/mL); SDH, social determinants of health [footnotes only].

Note. Data are based on residence at diagnosis.

Linkage to HIV medical care was measured by documentation of \geq 1 CD4 or VL tests \leq 1 month or \leq 3 months after HIV diagnosis. See Technical Notes for the list of areas that met the criteria for complete laboratory reporting.

For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/

subject_definitions/2017_ACSSubjectDefinitions.pdf.

^a Represents percentage of the sum of each SDH subpopulation.

^b Because column subtotals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column subtotals. See Technical Notes for criteria used to define SDH subpopulations.

^C Hispanics/Latinos can be of any race.

^d Includes American Indian/Alaska Native, Asian, Native Hawaiian/other Pacific Islander, and multiple races.

			≤1 month		≤3 months		
	То	otal	≥1 CD4 o	r VL tests	≥1 CD4 o	r VL tests	
	No.	% ^a	No.	%	No.	%	
			18-	-24			
Male							
Below federal poverty level (%)							
<10	837	13.9	649	77.5	735	87.8	
10.00–12.99	1,178	19.5	879	74.6	1,007	85.5	
13.00–16.99	2,698	44.7	1,968	72.9	2,227	82.5	
≥17	1,324	21.9	1,005	75.9	1,137	85.9	
Less than high school diploma (%)							
<9	813	13.5	632	77.7	719	88.4	
9.00–12.99	2,250	37.3	1,677	74.5	1,900	84.4	
13.00–17.99	1,367	22.6	1,011	74.0	1,152	84.3	
≥18	1,607	26.6	1,181	73.5	1,335	83.1	
Median household income (U.S. \$)							
<41,000	497	8.2	383	77.1	436	87.7	
41,000–47,999	967	16.0	722	74.7	806	83.4	
48,000–55,999	1,692	28.0	1,215	71.8	1,403	82.9	
≥56,000	2,881	47.7	2,181	75.7	2,461	85.4	
Without health insurance (%)							
<8	784	13.0	633	80.7	696	88.8	
8.00–11.99	1,132	18.8	875	77.3	995	87.9	
12.00–15.99	2,376	39.4	1,759	74.0	1,993	83.9	
≥16	1,745	28.9	1,234	70.7	1,422	81.5	
Subtotal ^b	6.094	100	4.544	74.6	5.153	84.6	
Female	-,		,-		-,		
Below federal poverty level (%)							
	129	15.8	102	79 1	113	87.6	
10 00–12 99	155	18.9	120	77.4	140	90.3	
13 00–16 99	351	42.9	262	74.6	295	84.0	
>17	183	22.5	143	78.1	157	85.8	
l ess than high school dinloma (%)	100	22.4	140	70.1	107	00.0	
	111	13.6	88	70.3	05	85.6	
5 0 00 12 00	305	13.0	235	79.5	268	05.0 97.0	
13 00-17 00	203	24.8	255	82.8	200	01.9	
>18	100	24.0	136	68.3	156	78.4	
Median household income (U.S. \$)	155	24.0	150	00.0	100	70.4	
	69	0.2	47	60.1	EC	00 /	
<pre><41,000 41,000 41,000 47,000</pre>	162	0.3	47	09.1	120	02.4 05 0	
41,000-47,999	102	19.0	120	11.Z 75.2	109	00.0	
40,000-55,999 >EC 000	231	20.2	174	70.0	203	07.9	
	357	43.0	201	10.1	307	00.0	
Without health insurance (%)	100	447	07	00.0	405	07 5	
<8	120	14.7	97	80.8	105	87.5	
0.00-11.99	133	10.3	111	٥ <u>3</u> .5	119	89.5	
12.00-15.99	2/2	33.3	208	/6.5	233	85.7	
210	293	35.8	211	72.0	248	84.6	
Subtotal	832	100	637	76.6	718	86.3	
Total	6,926	100	5,181	74.8	5,871	84.8	

Table 4. Linkage to HIV medical care after HIV diagnosis during 2017, among persons aged ≥18 years, by age and selected social determinants of health—county level, 41 states and the District of Columbia

			≤1 m	onth	≤3 mo	onths
	То	tal	≥1 CD4 o	r VL tests	≥1 CD4 or	VL tests
	No.	% ^a	No.	%	No.	%
			25-	-34		
Male						
Below federal poverty level (%)						
<10	1,527	15.2	1,245	81.5	1,371	89.8
10.00–12.99	2,086	20.8	1,637	78.5	1,828	87.6
13.00–16.99	4,360	43.5	3,287	75.4	3,647	83.6
≥17	2,042	20.4	1,575	77.1	1,788	87.6
Less than high school diploma (%)						
<9	1,381	13.8	1,105	80.0	1,218	88.2
9.00–12.99	3,644	36.4	2,829	77.6	3,175	87.1
13.00–17.99	2,106	21.0	1.620	76.9	1.806	85.8
≥18	2,884	28.8	2,190	75.9	2,435	84.4
Median household income (II S \$)	_,	2010	_,		_,	•
	679	6.8	509	75.0	580	85 /
11 000_17 000	1 52/	15.2	1 10/	78.3	1 332	87 /
48,000 55,000	0.651	15.Z	1,134	70.5	1,002	07.4
40,000-55,999 >EC 000	2,001	20.3	1,970	74.0	2,201	00.1 96 5
$\geq 50,000$	5,101	51.5	4,003	10.1	4,405	00.5
without health insurance (%)	4 400	44.0	4 4 0 7	00.0	4 004	00.0
<8	1,429	14.3	1,197	83.8	1,291	90.3
8.00–11.99	1,873	18.7	1,465	78.2	1,630	87.0
12.00–15.99	3,678	36.7	2,767	75.2	3,117	84.7
≥16	3,035	30.3	2,315	76.3	2,596	85.5
Subtotal ^D	10,103	100	7,806	77.3	8,701	86.1
Female						
Below federal poverty level (%)						
<10	289	16.7	238	82.4	258	89.3
10.00–12.99	361	20.9	282	78.1	316	87.5
13.00–16.99	678	39.3	518	76.4	573	84.5
≥17	398	23.1	324	81.4	360	90.5
l ess than high school dinloma (%)				• • • •		
	248	14.4	211	85 1	225	90.7
9 00-12 99	632	36.6	500	79.1	554	87.7
13 00-17 00	/20	24.0	330	79.0	372	86.7
>18	425	24.5	312	74.8	356	85 /
Zio Madian hausahald insama (II S C)	417	24.2	512	74.0	550	00.4
(0.5. \$)	157	0.1	106	00.2	115	02.4
<41,000	107	9.1	120	00.3	140	92.4
41,000-47,999	329	19.1	259	/8./	284	80.3
48,000-55,999	460	26.7	358	//.8	402	87.4
≥56,000	780	45.2	619	79.4	6/6	80.7
Without health insurance (%)						
<8	237	13.7	207	87.3	221	93.2
8.00–11.99	335	19.4	272	81.2	296	88.4
12.00–15.99	609	35.3	459	75.4	516	84.7
≥16	545	31.6	424	77.8	474	87.0
Subtotal ^b	1,749	100	1,376	78.7	1,523	87.1
Total	11,852	100	9,182	77.5	10,224	86.3

Table 4. Linkage to HIV medical care after HIV diagnosis during 2017, among persons aged ≥18 years, by age and selected social determinants of health—county level, 41 states and the District of Columbia *(cont)*

			≤1 m	nonth	≤3 m	onths
	Тс	otal	≥1 CD4 o	r VL tests	≥1 CD4 o	r VL tests
	No.	% ^a	No.	%	No.	%
			35-	-44		
Male						
Below federal poverty level (%)						
<10	725	14.7	620	85.5	658	90.8
10.00–12.99	1,080	21.9	896	83.0	969	89.7
13.00–16.99	2,106	42.8	1,625	77.2	1,782	84.6
≥17	1,011	20.5	824	81.5	896	88.6
Less than high school diploma (%)						
<9	589	12.0	499	84.7	529	89.8
9.00–12.99	1,783	36.2	1,446	81.1	1,565	87.8
13.00–17.99	1,031	20.9	836	81.1	913	88.6
≥18	1,519	30.9	1,184	77.9	1,298	85.5
Median household income (U.S. \$)						
<41,000	355	7.2	279	78.6	306	86.2
41,000–47,999	762	15.5	611	80.2	679	89.1
48,000–55,999	1,278	26.0	990	77.5	1,084	84.8
≥56,000	2,527	51.3	2,085	82.5	2,236	88.5
Without health insurance (%)						
<8	741	15.1	647	87.3	685	92.4
8.00–11.99	857	17.4	709	82.7	774	90.3
12.00–15.99	1,784	36.2	1,408	78.9	1,520	85.2
≥16	1,540	31.3	1,201	78.0	1,326	86.1
Subtotal ^b	4.974	100	4.000	80.4	4.345	87.4
Female	.,		.,		.,	
Below federal poverty level (%)						
	262	17.8	216	82 /	237	90.5
10 00-12 99	306	20.7	210	75.8	269	87 Q
13 00_16 99	550	37.9	/31	73.0	/71	8/1 3
>17	3/19	23.6	261	7/ 8	300	86.0
= 17	040	20.0	201	74.0	500	00.0
	201	12.6	170	95.6	102	01.0
<pre>>9 0.00 12.00</pre>	201	38.3	172	73.0	103	91.0
13 00 17 00	355	24.1	410 977	78.0	310	0J.Z 97 3
>18	354	24.1	277	70.0	302	07.3 85.3
≤10 Madian havaahald income (U.S. ¢)	554	24.0	215	11.1	502	05.5
<pre>// Median household income (0.5. \$) // 41 000</pre>	100	07	07	75 0	112	00 2
<41,000 41,000 47,000	120	0.7	97 101	75.0	113	00.0
41,000–47,999 48,000 EE 000	204	17.2	191	70.Z	220	00.0
40,000-55,999 >EC 000	402	27.2	30Z	70.1	330 606	04.1 07.6
	092	40.9	550	79.5	000	07.0
Without health insurance (%)	000	45.0	101	00.0	004	00 F
<8	222	15.0	191	86.0	201	90.5
8.00-11.99	289	19.6	219	/5.8	253	87.5
12.00-15.99	489	33.1	3/2	/b.1	410	83.8
	4/6	32.2	358	/5.2	413	80.8
Subtotal	1,489	100	1,149	(1.2	1,287	86.4
Total	6,463	100	5,149	79.7	5,632	87.1

Table 4. Linkage to HIV medical care after HIV diagnosis during 2017, among persons aged ≥18 years, by age and selected social determinants of health—county level, 41 states and the District of Columbia *(cont)*

			≤1 m	onth	≤3 m	onths
	Тс	otal	≥1 CD4 o	r VL tests	≥1 CD4 o	r VL tests
	No.	% ^a	No.	%	No.	%
			45-	-54		
Male						
Below federal poverty level (%)						
<10	618	16.9	540	87.4	566	91.6
10.00–12.99	857	23.5	702	81.9	760	88.7
13.00–16.99	1,518	41.6	1,207	79.5	1,315	86.6
≥17	659	18.0	533	80.9	582	88.3
Less than high school diploma (%)						
<9	541	14.8	465	86.0	495	91.5
9.00–12.99	1,343	36.8	1,126	83.8	1,208	89.9
13.00–17.99	746	20.4	598	80.2	659	88.3
≥18	1,022	28.0	793	77.6	861	84.2
Median household income (U.S. \$)						
<41,000	223	6.1	181	81.2	194	87.0
41,000–47,999	577	15.8	472	81.8	509	88.2
48,000–55,999	924	25.3	747	80.8	821	88.9
≥56,000	1,928	52.8	1,582	82.1	1,699	88.1
Without health insurance (%)						
<8	614	16.8	544	88.6	566	92.2
8.00–11.99	665	18.2	567	85.3	606	91.1
12.00–15.99	1,303	35.7	1,028	78.9	1,116	85.6
≥16	1,070	29.3	843	78.8	935	87.4
Subtotal ^b	3,686	100	3,006	81.6	3,250	88.2
Female	·					
Below federal poverty level (%)						
<10	225	18.3	202	89.8	215	95.6
10 00–12 99	246	20.0	196	79.7	221	89.8
13 00–16 99	472	38.3	369	78.2	404	85.6
≥17	289	23.5	231	79.9	255	88.2
l ess than high school dinloma (%)	200	20.0	201	10.0	200	00.2
	182	14.8	159	87 4	172	94 5
9 00-12 99	466	37.8	373	80 0	415	89.1
13 00_17 99	264	21 /	211	79.9	231	87.5
>18	320	26.0	255	79.7	201	86.6
Median household income (II S \$)	020	20.0	200	15.1	211	00.0
	112	0.1	85	75.0	05	8/ 8
41,000 41,000 47,000	220	3.1 17.0	192	20.7	107	90 5
48,000 55,000	220	27.0	260	78.1	201	09.J 97./
40,000−53,999 >56,000	555	27.0	200	70.1 93.1	291 510	07.4
$\geq 50,000$	507	40.0	471	05.1	512	90.5
	201	16.2	171	0E 1	107	02.0
► 0 8.00, 11.00	201	10.3	1/1	00.1 02.5	10/	93.0
0.00-11.99	224	10.2	101	03.3 70.2	203	90.0 96.4
12.00-13.99	420	34.0 20.0	330	19.3	300	00.4
	301	30.9	302	19.3	33/	00.5
Subtotal	1,250	100	1,011	80.9	1,109	88.7
Total	4,936	100	4,017	81.4	4,359	88.3

Table 4. Linkage to HIV medical care after HIV diagnosis during 2017, among persons aged ≥18 years, by age and selected social determinants of health—county level, 41 states and the District of Columbia *(cont)*

			≤1 m	onth	≤3 m	onths
	Тс	otal	≥1 CD4 o	r VL tests	≥1 CD4 o	r VL tests
	No.	% ^a	No.	%	No.	%
			2	55		
Male						
Below federal poverty level (%)						
<10	380	16.5	313	82.4	339	89.2
10.00–12.99	552	24.0	445	80.6	491	88.9
13.00–16.99	884	38.4	724	81.9	784	88.7
≥17	486	21.1	399	82.1	447	92.0
Less than high school diploma (%)						
<9	332	14.4	282	84.9	308	92.8
9.00–12.99	883	38.4	711	80.5	782	88.6
13.00–17.99	474	20.6	393	82.9	427	90.1
≥18	613	26.6	495	80.8	544	88.7
Median household income (U.S. \$)						
<41,000	170	7.4	135	79.4	155	91.2
41,000–47,999	427	18.5	359	84.1	394	92.3
48,000–55,999	593	25.8	479	80.8	530	89.4
≥56,000	1,112	48.3	908	81.7	982	88.3
Without health insurance (%)						
<8	369	16.0	301	81.6	329	89.2
8.00–11.99	435	18.9	365	83.9	393	90.3
12.00–15.99	811	35.2	648	79.9	719	88.7
≥16	687	29.8	567	82.5	620	90.2
Subtotal ^b	2,327	100	1,902	81.7	2.083	89.5
Female	_,•_:		.,	•	_,	
Below federal poverty level (%)						
	180	18.5	167	88 /	176	03.1
10 00-12 00	202	10.5	167	81 2	180	90.1 80.1
13.00-16.00	202	37.8	305	78.8	335	86.6
>17	246	24.0	107	20.0 20.1	218	88.6
$\leq 1/$	240	24.0	197	00.1	210	00.0
Less than high school diploma (%)	454	447	105	00.4	140	047
<9	151	14.7	135	89.4	143	94.7
9.00-12.99	411	40.1	337	02.0	303	00.0
13.00-17.99 >10	218	21.3	1/5	80.3	192	00.1 05.7
	244	23.8	100	70.2	209	85.7
Median household income (U.S. \$)	0-			05.0		00 4
<41,000	85	8.3	73	85.9	76	89.4
41,000–47,999	188	18.4	150	79.8	166	88.3
48,000–55,999	294	28.7	225	76.5	254	86.4
≥56,000	457	44.6	385	84.2	413	90.4
Without health insurance (%)						
<8	145	14.2	135	93.1	139	95.9
8.00–11.99	230	22.5	199	86.5	212	92.2
12.00–15.99	320	31.3	245	76.6	274	85.6
≥16	329	32.1	254	77.2	284	86.3
Subtotal ^b	1,035	100	842	81.4	918	88.7
Total	3,362	100	2,744	81.6	3,001	89.3

Table 4. Linkage to HIV medical care after HIV diagnosis during 2017, among persons aged ≥18 years, by age and selected social determinants of health-county level, 41 states and the District of Columbia (cont)

Abbreviations: CD4, CD4+ T-lymphocyte count (cells/µL) or percentage; VL, viral load (copies/mL); SDH, social determinants of health [footnotes only].

Note. Data are based on residence at diagnosis.

Linkage to HIV medical care was measured by documentation of ≥1 CD4 or VL tests ≤1 month or ≤3 months after HIV diagnosis. See Technical Notes for the list of areas that met the criteria for complete laboratory reporting.

For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/ subject_definitions/2017_ACSSubjectDefinitions.pdf.

^b Because column subtotals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column subtotals. See Technical Notes for criteria used to define SDH subpopulations.

Table 5. Linkage to HIV medical care after HIV diagnosis during 2017, among persons aged ≥18 years, by transmission category and selected social determinants of health—county level, 41 states and the District of Columbia

			≤1 m	onth	≤3 mo	onths
	То	tal	≥1 CD4 or VL tests		≥1 CD4 or	r VL tests
	No.	% ^a	No.	%	No.	%
			Male-to-male s	exual contact		
Male						
Below federal poverty level (%)						
<10	3,290	14.8	2,724	82.8	2,961	90.0
10.00–12.99	4,642	20.9	3,695	79.6	4,095	88.2
13.00–16.99	9,849	44.2	7,540	76.6	8,319	84.5
≥17	4,482	20.1	3,537	78.9	3,954	88.2
Less than high school diploma (%)						
<9	2,978	13.4	2,459	82.6	2,671	89.7
9.00–12.99	8,051	36.2	6,354	78.9	7,044	87.5
13.00–17.99	4,712	21.2	3,678	78.1	4,083	86.6
≥18	6,521	29.3	5,005	76.7	5,532	84.8
Median household income (U.S. \$)						
<41 000	1 490	67	1 157	77 6	1 302	87.3
41 000-47 999	3 470	15.6	2 760	79.5	3 043	87.7
48 000–55 999	5 829	26.2	4 4 4 1	76.2	4 997	85.7
>56 000	11 472	51.5	9 138	79.7	9 988	87.1
Without health incurance (%)	11,772	01.0	5,100	15.1	5,500	07.1
	2 102	14.0	2 650	94.0	2 020	00.0
<0	3,123	14.0	2,000	04.9	2,030	90.9
0.00-11.99	4,075	10.3	3,293	00.0	3,039	09.3
12.00-15.99	8,419	37.8	0,470	70.0	1,177	00.Z
	6,644	29.8	5,084	76.5	5,676	85.4
Subtotal	22,451	100	17,632	78.5	19,479	86.8
Female						
Below federal poverty level (%)						
<10	—	—	—	—	—	—
10.00–12.99	_	—	—	_	—	—
13.00–16.99	_	—	—	_	—	—
≥17	—	—	—	—	—	—
Less than high school diploma (%)						
<9	_	_	_	_	_	_
9.00-12.99	_	_	_	_	_	_
13.00–17.99	_	_	_	_	_	_
≥18	_	_	_	_	_	_
Median household income (U.S. \$)						
<41.000	_	_	_	_	_	_
41,000–47,999	_	_	_	_	_	_
48 000-55 999	_	_	_	_	_	_
≥56,000	_	_	_	_	_	_
Without health insurance (%)						
8 00 11 00	—	_	—	—	—	_
	_	_	_	_	_	_
12.00-13.33 >16	_	_	_	_	_	_
≤ IU Cubécécib	_	_	_	_	_	_
อนมเงเลเ~	—		—	_	_	_
Total	22,451	100	17,632	78.5	19,479	86.8

			≤1 m	onth	≤3 m	onths
	Тс	otal	≥1 CD4 o	r VL tests	≥1 CD4 o	r VL tests
	No.	% ^a	No.	%	No.	%
			Injection	drug use		
Male						
Below federal poverty level (%)		10 5	400	70.0	405	
<10	208	19.5	163	78.6	185	89.2
10.00-12.99	226	21.2	177	78.3	197	87.1
13.00–16.99	397	37.2	295	74.4	325	81.8
≥1/	236	22.1	179	76.0	200	84.8
Less than high school diploma (%)						
<9	166	15.6	122	73.7	141	85.2
9.00–12.99	397	37.2	315	79.5	346	87.2
13.00–17.99	218	20.4	167	76.8	183	84.0
≥18	286	26.8	210	73.3	236	82.5
Median household income (U.S. \$)						
<41,000	101	9.4	77	76.2	83	82.4
41,000–47,999	148	13.8	117	79.0	131	89.0
48,000–55,999	300	28.1	223	74.3	252	84.1
≥56,000	519	48.6	399	76.9	440	84.9
Without health insurance (%)						
<8	257	24.1	200	78.0	220	85.8
8.00–11.99	239	22.4	190	79.4	206	86.4
12.00–15.99	337	31.6	244	72.5	279	82.9
≥16	234	22.0	181	77.1	201	85.7
Subtotal ^b	1,077	100	822	76.4	914	84.9
Female						
Below federal poverty level (%)						
<10	159	18.9	122	76.5	140	87.7
10.00–12.99	170	20.2	126	74.4	140	82.6
13.00–16.99	348	41.4	275	79.1	298	85.6
≥17	164	19.5	123	75.0	138	83.7
Less than high school diploma (%)						
<9	135	16.0	110	81.4	121	90.1
9.00–12.99	325	38.6	241	74.1	267	82.3
13.00–17.99	199	23.6	155	78.0	171	85.9
≥18	183	21.7	141	77.1	156	85.3
Median household income (U.S. \$)						
<41.000	61	7.3	46	75.7	53	86.3
41.000-47.999	143	17.0	106	73.8	118	82.1
48.000–55.999	226	26.8	171	75.8	191	84.6
≥56,000	411	48.9	323	78.6	354	86.1
Without health insurance (%)			010			••••
	175	20.8	137	78.0	153	87 1
8 00-11 99	209	20.0	166	79.6	182	87.5
12 00_15 99	203	32 0	208	75.0	202	80.8
>16	180	21 4	135	75.1	156	86.6
Subtotal ^b	Q/7	100	651	76.9	700	85.0
	4 000	400	4 470	70.0	120	00.0
Iotai	1,923	100	1,4/3	/ 0.0	1,634	84.9

Table 5. Linkage to HIV medical care after HIV diagnosis during 2017, among persons aged ≥18 years, by transmission category and selected social determinants of health—county level, 41 states and the District of Columbia (cont)

Table 5. Linkage to HIV medical care after HIV diagnosis during 2017, among persons aged ≥18 years, by transmission category and selected social determinants of health—county level, 41 states and the District of Columbia (cont)

			≤1 n	nonth	≤3 m	onths
	Тс	otal	≥1 CD4 o	or VL tests	≥1 CD4 o	r VL tests
	No.	% ^a	No.	%	No.	%
		Male-to-m	ale sexual cont	act and injection	on drug use	
Male				-	•	
Below federal poverty level (%)						
<10	212	19.4	171	80.4	188	88.8
10.00–12.99	296	27.0	227	76.7	258	87.4
13.00–16.99	417	38.1	305	73.2	344	82.6
≥17	169	15.5	123	72.9	143	84.4
Less than high school diploma (%)						
<9	195	17.9	156	79.8	177	90.8
9.00–12.99	434	39.7	334	76.9	372	85.8
13.00–17.99	210	19.2	148	70.4	176	83.7
≥18	255	23.3	188	74.0	208	81.8
Median household income (U.S. \$)						
<41.000	84	7.7	63	74.7	74	88.0
41,000–47,999	132	12.0	91	69.1	106	80.9
48.000–55.999	284	25.9	200	70.6	233	82.3
≥56.000	595	54.4	472	79.4	520	87.4
Without health insurance (%)						
<8	233	21.3	201	86.2	217	93.1
8 00–11 99	200	22.2	180	74.0	205	84.4
12 00–15 99	347	31.7	256	73.8	285	82.1
>16	271	24.7	189	69.9	226	83.6
Subtotal ^b	1 106	100	833	75 A	9/2	85.2
Formela	1,100	100	000	75.4	342	00.2
Pelaw federal reserve level (%)						
< 10	_	_	—	_	_	_
10.00-12.99	_	_	_	_	_	_
13.00-10.99 >17	_	_	_	_	_	_
	_	_	_	_	_	_
Less than high school diploma (%)						
<9	—	—		—	—	_
9.00-12.99	—	—		—	—	_
13.00–17.99	—	—		—	—	_
≥18	—	—		—	—	_
Median household income (U.S. \$)						
<41,000	_	—	_	—	_	—
41,000-47,999	_	—	_	—	_	—
48,000–55,999	—	—	—	—	—	_
≥56,000	_	_	_	_	_	_
Without health insurance (%)						
<8	—	—		—	—	—
8.00–11.99	—	—		—	—	—
12.00–15.99	—	—	—	—	—	—
≥16	—	—	—	—	—	—
Subtotal ^o	_	—	—	—	_	—
Total	1,106	100	833	75.4	942	85.2

			≤1 m	onth	≤3 m	onths
	Тс	otal	≥1 CD4 o	r VL tests	≥1 CD4 o	r VL tests
	No.	% ^a	No.	%	No.	%
			Heterosexu	ual contact ^c		
Male						
Below federal poverty level (%)						
<10	376	15.1	307	81.7	332	88.4
10.00–12.99	583	23.5	456	78.1	500	85.7
13.00–16.99	891	35.9	661	74.2	756	84.9
≥17	630	25.4	492	78.1	549	87.1
Less than high school diploma (%)						
<9	313	12.6	242	77.4	276	88.1
9.00–12.99	1,012	40.8	778	76.9	860	85.0
13.00–17.99	576	23.2	459	79.6	509	88.3
≥18	579	23.3	436	75.3	492	85.0
Median household income (U.S. \$)						
	247	10.0	189	76.4	211	85 3
<u>41,000</u> <u>11,000</u>	50/	20.3	387	76.9	/36	86.5
48,000 55,000	710	20.0	540	76.5	400	00.J 84 5
>56 000	1 010	20.0	9 4 0	70.0	883	97 /
$\geq 50,000$	1,010	40.7	000	19.2	005	07.4
without nealth insurance (%)	040	40.0	007	00 7	000	00.4
<8	319	12.9	267	83.7	288	90.1
8.00-11.99	400	16.1	314	78.5	343	85.8
12.00–15.99	839	33.8	632	75.3	715	85.2
≥16	922	37.2	702	76.1	791	85.8
Subtotal ^o	2,524	100	1,950	77.2	2,174	86.1
Female						
Below federal poverty level (%)						
<10	927	17.1	797	85.9	853	92.0
10.00–12.99	1,095	20.2	863	78.8	980	89.6
13.00–16.99	2,091	38.7	1,604	76.7	1,774	84.8
≥17	1,295	23.9	1,028	79.4	1,147	88.6
Less than high school diploma (%)						
<9	752	13.9	649	86.4	691	91.9
9 00–12 99	2.047	37.8	1.615	78.9	1.809	88.4
13.00–17.99	1.264	23.4	1,010	79.9	1,114	88.2
≥18	1.346	24.9	1.017	75.6	1,140	84.7
Median household income (II S \$)	1,010	21.0	1,011	10.0	1,110	01.1
	/87	9.0	381	78.2	131	88 /
41,000 41,000 47,000	1 006	18.6	708	70.2	401	97 0
41,000-47,999	1,000	27.5	1 1 1 2	79.5	1 201	07.9 86.8
40,000-55,999 >56 000	1,400	21.5	1,142	70.0 01 0	0 147	00.0 00.5
	2,420	44.9	1,970	01.2	2,147	C.00
Without health insurance (%)	744	40 7	057	00.0	000	00.4
<8	/41	13.7	657	88.6	692	93.4
8.00-11.99	998	18.5	818	82.0	896	89.8
12.00–15.99	1,833	33.9	1,410	/6.9	1,573	85.8
≥16	1,836	33.9	1,408	76.7	1,592	86.7
Subtotal ^o	5,482	100	4,342	79.2	4,812	87.8
Total	8.006	100	6.292	78.6	6.986	87.3

Table 5. Linkage to HIV medical care after HIV diagnosis during 2017, among persons aged ≥18 years, by transmission category and selected social determinants of health—county level, 41 states and the District of Columbia (cont)

Abbreviations: CD4, CD4+ T-lymphocyte count (cells/µL) or percentage; VL, viral load (copies/mL); SDH, social determinants of health [footnotes only].

Note. Data are based on residence at diagnosis. Data have been statistically adjusted to account for missing transmission category.

Linkage to HIV medical care was measured by documentation of \geq 1 CD4 or VL tests \leq 1 month or \leq 3 months after HIV diagnosis. See Technical Notes for the list of areas that met the criteria for complete laboratory reporting.

For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/ subject_definitions/2017_ACSSubjectDefinitions.pdf.

^a Represents percentage of the sum of each SDH subpopulation.

^b Because column subtotals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column subtotals. See Technical Notes for criteria used to define SDH subpopulations.

^C Heterosexual contact with a person known to have, or to be at high risk for, HIV infection.

Table 6a. Receipt of HIV medical care among persons aged ≥18 years with HIV infection diagnosed by year-end 2015 and alive at yearend 2016, by race/ethnicity, sex, and selected social determinants of health—county level, 41 states and the District of Columbia

	Persons alive at year-end 2016	≥1 CD4 or	VL tests	≥2 CD4 or	VL tests ^a
	Total No.	No.	%	No.	%
	Bla	ack/African Ame	rican		
Male					
Below federal poverty level (%)					
<10	26,622	18,637	70.0	13,587	51.0
10.00–12.99	36,992	26,740	72.3	20,877	56.4
13.00–16.99	97,430	68,809	70.6	51,585	52.9
≥17	59,507	42,230	71.0	33,414	56.2
Less than high school diploma (%)					
<9	25,629	18,128	70.7	13,330	52.0
9.00–12.99	85,820	61,011	71.1	46,256	53.9
13.00–17.99	52,754	37,256	70.6	27,697	52.5
≥18	56,348	40,021	71.0	32,180	57.1
Median household income (U.S. \$)					
<41.000	22,490	16.722	74.4	13.613	60.5
41.000–47.999	40.070	27.393	68.4	20.724	51.7
48.000–55.999	58.328	42.219	72.4	32.651	56.0
≥56,000	99.663	70.082	70.3	52,475	52.7
Without health insurance (%)	,	. 0,002		02,0	•=
	33 649	23 646	70.3	18 058	537
8 00_11 99	14 142	30,846	69.9	22.846	51.8
12.00 15.00	83 886	60 508	72.2	16 285	55.0
>16	59.874	41 326	70.2	40,200	51.2
Subtotalb	220,274	41,520	70.2	12/ 602	54.0
	230,342	103,331	70.9	124,003	34.1
Female					
Below federal poverty level (%)	15.010	44.040		0.407	
<10	15,649	11,040	70.5	8,137	52.0
10.00–12.99	21,503	16,248	75.6	12,794	59.5
13.00–16.99	43,621	31,588	72.4	23,742	54.4
≥17	34,329	25,194	73.4	20,127	58.6
Less than high school diploma (%)					
<9	12,756	9,136	71.6	6,778	53.1
9.00–12.99	45,378	33,383	73.6	25,453	56.1
13.00–17.99	26,353	19,302	73.2	14,494	55.0
≥18	30,615	22,249	72.7	18,075	59.0
Median household income (U.S. \$)					
<41,000	12,538	9,393	74.9	7,676	61.2
41,000–47,999	21,112	15,075	71.4	11,468	54.3
48.000–55.999	32,478	24,338	74.9	18.967	58.4
≥56.000	48.974	35.264	72.0	26.689	54.5
Without health insurance (%)	- / -	,	-	-,	
<8	17 834	13 180	73.9	10 040	56.3
8 00-11 99	22 800	16 305	71.0	12 /10	5/1 2
12 00_15 99	10 0/2	20 710	74.2	22,710	57 N
>16	-10,042 21 226	23,113	72 /	10 507	56.0
Subtotalb	04,000 110,140	24,000	72.4	67 004	50.9
	1 19, 140	07,003	13.0	07,004	50.Z
Total	349,488	250,334	71.6	191,607	54.8

Table 6a. Receipt of HIV medical care among persons aged ≥18 years with HIV infection diagnosed by year-end 2015 and alive at yearend 2016, by race/ethnicity, sex, and selected social determinants of health—county level, 41 states and the District of Columbia (*cont*)

	Persons alive at year-end 2016	≥1 CD4 or	VL tests	≥2 CD4 or	VL tests ^a
	Total No.	No.	%	No.	%
		Hispanic/Latino) ^C		
Male					
Below federal poverty level (%)					
<10	16,477	11,498	69.8	8,804	53.4
10.00–12.99	30,898	22,276	72.1	18,166	58.8
13.00–16.99	62,020	43,948	70.9	35,410	57.1
≥17	33,553	24,133	71.9	20,359	60.7
Less than high school diploma (%)					
<9	9,822	6,942	70.7	5,324	54.2
9.00–12.99	43,861	31,371	71.5	25,139	57.3
13.00–17.99	22,328	15,631	70.0	12,320	55.2
≥18	66,937	47,911	71.6	39,956	59.7
Median household income (U.S. \$)					
<41,000	12,490	9,114	73.0	7,923	63.4
41.000-47.999	17.451	12,160	69.7	9,943	57.0
48,000–55,999	27.815	20,112	72.3	16,451	59.1
≥56.000	85,192	60,469	71.0	48,422	56.8
Without health insurance (%)		,		,	00.0
	26.016	18 58/	71 /	1/ 93/	57 /
×0 8 00_11 00	20,010	1/ /05	71.4	14,334	56.0
12 00 15 00	55 /37	30 164	70.6	22 101	57.0
12.00-13.99 >16	55,457 41 119	00 610	70.0	32,101	57.5
	41,110	29,012	72.0	24,290	59.1
	140,707	103,429	71.0	83,880	57.5
Female					
Below federal poverty level (%)					
<10	4,825	3,659	75.8	2,922	60.6
10.00–12.99	6,903	5,395	78.2	4,489	65.0
13.00–16.99	11,816	8,695	73.6	7,107	60.1
≥17	10,699	8,249	77.1	7,087	66.2
Less than high school diploma (%)					
<9	2,412	1,873	77.7	1,495	62.0
9.00–12.99	10,707	8,188	76.5	6,684	62.4
13.00–17.99	5,201	3,975	76.4	3,202	61.6
≥18	15,923	11,962	75.1	10,224	64.2
Median household income (U.S. \$)					
<41,000	5.475	4,366	79.7	3,832	70.0
41,000–47,999	3.656	2,630	71.9	2,111	57.7
48.000–55.999	7.713	6.000	77.8	4.987	64.7
≥56.000	17.399	13.002	74.7	10.675	61.4
Without health insurance (%)	,	-,		-,	
<8	7 278	5 698	78.3	4 671	64.2
8 00-11 99	5 714	4 320	75.6	3 566	62.4
12 00–15 99	12 805	9 680	75.6	8 130	63 G
>16	8 446	6 300	74.6	5 220	61 9
-:- Subtotal ^b	0,++0 21 077	26 122	75.6	0,220 01 007	60 7
	34,911	20,400	75.0	21,931	02.1
lotal	180,734	129,862	71.9	105,817	58.5

Table 6a. Receipt of HIV medical care among persons aged ≥18 years with HIV infection diagnosed by year-end 2015 and alive at yearend 2016, by race/ethnicity, sex, and selected social determinants of health—county level, 41 states and the District of Columbia (*cont*)

	Persons alive at year-end 2016	≥1 CD4 or	· VL tests	≥2 CD4 or	VL tests ^a
	Total No.	No.	%	No.	%
		White			
Male					
Below federal poverty level (%)					
<10	39,630	31,452	79.4	23,275	58.7
10.00–12.99	58,370	47,556	81.5	36,781	63.0
13.00–16.99	91,760	70,910	77.3	54,619	59.5
≥17	23,421	18,032	77.0	14,066	60.1
Less than high school diploma (%)					
<9	38,389	30,613	79.7	22,803	59.4
9.00–12.99	94,621	74,965	79.2	57,273	60.5
13.00–17.99	39,614	30,358	76.6	23,207	58.6
≥18	40,557	32,014	78.9	25,458	62.8
Median household income (U.S. \$)					
<41,000	9,041	7,104	78.6	5,679	62.8
41.000-47.999	24,507	19,117	78.0	14,718	60.1
48.000–55.999	50.301	40.379	80.3	31,955	63.5
≥56.000	129.332	101.350	78.4	76.389	59.1
Without health insurance (%)		,		,	
	52 711	41 342	78.4	31 347	59 5
8 00-11 99	48 827	39 169	80.2	28 726	58.8
12 00_15 99	68 988	53 716	77 9	20,720 /1 //0	60.1
>16	42 655	33 723	70.1	27 228	63.8
Euclidean D	42,000	172 221	79.1	120 522	60.0
	220,943	173,331	70.0	132,555	00.0
Female					
Below federal poverty level (%)	6 0 / F				
<10	6,617	4,954	74.9	3,594	54.3
10.00–12.99	8,550	6,596	77.1	5,027	58.8
13.00–16.99	10,847	7,731	71.3	5,759	53.1
≥17	4,392	3,062	69.7	2,339	53.3
Less than high school diploma (%)					
<9	5,804	4,435	76.4	3,241	55.8
9.00–12.99	12,984	9,628	74.2	7,162	55.2
13.00–17.99	6,610	4,821	72.9	3,685	55.7
≥18	5,008	3,459	69.1	2,631	52.5
Median household income (U.S. \$)					
<41,000	2,143	1,547	72.2	1,198	55.9
41,000–47,999	5,164	3,758	72.8	2,853	55.2
48,000–55,999	8,132	6,056	74.5	4,585	56.4
≥56.000	14.967	10.982	73.4	8.083	54.0
Without health insurance (%)	,	- ,		-,	
<8	7 371	5 588	75.8	4 180	56.7
8 00-11 99	7 259	5 323	73.3	3 798	52.3
12 00–15 99	9.330	6 788	72.8	5 128	55.0
>16	6 446	4 644	72.0	3 613	56.1
-:- Subtotal ^b	21 620	דדט,ד 126 גר	73 0	17 970	50.1 51 5
	31,002	23,130	75.0	17,219	04.0
lotal	252,625	196,467	77.8	149,812	59.3

Table 6a. Receipt of HIV medical care among persons aged ≥18 years with HIV infection diagnosed by year-end 2015 and alive at yearend 2016, by race/ethnicity, sex, and selected social determinants of health—county level, 41 states and the District of Columbia (*cont*)

Total No.No.%MaleOther ^d Below federal poverty level (%)7,2335,94282.210.00–12.999,1457,57982.913.00–16.9916,27413,16380.9≥176,0154,98782.9Less than high school diploma (%)<96,1835,10682.69.00–12.9915,17312,42481.913.00–17.996,7085,37280.1	≥2 CD4 or	VL tests ^a			
Male Other ^d Below federal poverty level (%) 7,233 5,942 82.2 10.00-12.99 9,145 7,579 82.9 13.00-16.99 16,274 13,163 80.9 ≥17 6,015 4,987 82.9 Less than high school diploma (%) <9 6,183 5,106 82.6 9.00-12.99 15,173 12,424 81.9 13.00-17.99 6,708 5.372 80.1	No.	%			
MaleBelow federal poverty level (%)<10					
Below federal poverty level (%)<10					
<107,2335,94282.2 $10.00-12.99$ 9,1457,57982.9 $13.00-16.99$ 16,27413,16380.9≥176,0154,98782.9Less than high school diploma (%)<9					
10.00-12.999,1457,57982.9 $13.00-16.99$ 16,27413,16380.9≥176,0154,98782.9Less than high school diploma (%)<9	4,475	61.9			
13.00-16.99 $16,274$ $13,163$ 80.9 ≥17 $6,015$ $4,987$ 82.9 Less than high school diploma (%) $6,183$ $5,106$ 82.6 9.00-12.99 $15,173$ $12,424$ 81.9 $13.00-17.99$ $6,708$ 5.372 80.1	5,960	65.2			
≥17 6,015 4,987 82.9 Less than high school diploma (%) <9 6,183 5,106 82.6 9.00–12.99 15,173 12,424 81.9 13.00–17.99 6.708 5.372 80.1	10,326	63.5			
Less than high school diploma (%) 6,183 5,106 82.6 9.00–12.99 15,173 12,424 81.9 13.00–17.99 6.708 5.372 80.1	4,087	67.9			
<9 6,183 5,106 82.6 9.00-12.99 15,173 12,424 81.9 13.00-17.99 6.708 5.372 80.1					
9.00–12.99 15,173 12,424 81.9 13.00–17.99 6.708 5.372 80.1	3,866	62.5			
13.00–17.99 6.708 5.372 80.1	9,624	63.4			
·····	4,169	62.1			
≥18 10,603 8,769 82.7	7,189	67.8			
Median household income (U.S. \$)					
<41,000 2,252 1,898 84.3	1,567	69.6			
41,000–47,999 3,733 2,924 78.3	2,277	61.0			
48,000–55,999 7,912 6,615 83.6	5,302	67.0			
≥56,000 24,770 20,234 81.7	15,702	63.4			
Without health insurance (%)					
<8 10.206 8.437 82.7	6.590	64.6			
8,00–11,99 8,193 6,709 81,9	5,134	62.7			
12.00–15.99 13.609 11.094 81.5	8,746	64.3			
≥16 6.659 5.431 81.6	4.378	65.7			
Subtotal ^b 40.216 32.782 81.5	25 698	63.9			
	20,000	00.0			
Pelluie Pelew federal neverty level (9/)					
	1 /01	62.0			
\[1,491	02.0			
10.00-12.99 2,027 2,100 02.3	1,732	00.9			
13.00-10.99 3,034 2,934 00.3	2,290	02.0			
217 2,267 1,920 64.0	1,509	08.0			
Less than high school diploma (%)	4.400				
<9 1,8/5 1,504 80.2	1,160	61.9			
9.00-12.99 4,068 3,302 81.2	2,620	64.4			
13.00–17.99 1,993 1,621 81.3	1,242	62.3			
≥18 3,035 2,518 83.0	2,066	68.1			
Median household income (U.S. \$)					
<41,000 962 822 85.4	682	70.9			
41,000–47,999 1,363 1,093 80.2	837	61.4			
48,000–55,999 2,594 2,172 83.7	1,758	67.8			
≥56,000 6,052 4,858 80.3	3,811	63.0			
Without health insurance (%)					
<8 2,837 2,334 82.3	1,839	64.8			
8.00–11.99 2,426 1,941 80.0	1,509	62.2			
12.00–15.99 3,482 2,840 81.6	2,277	65.4			
≥16 2,226 1,830 82.2	1,463	65.7			
Subtotal ^b 11,435 9.275 81.1	7.339	64.2			
Total 51.651 42.057 81.4	00 007	64.0			
	Persons alive at year-end 2016	≥1 CD4 or	· VL tests	≥2 CD4 or VL tests ^a	
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	Total No.	No.	%	No.	%
		Total			
Male					
Below federal poverty level (%)			/		
<10	89,962	67,529	75.1	50,141	55.7
10.00–12.99	135,405	104,151	76.9	81,784	60.4
13.00–16.99	267,484	196,830	73.6	151,940	56.8
≥17	122,496	89,382	73.0	71,926	58.7
Less than high school diploma (%)					
<9	80,023	60,789	76.0	45,323	56.6
9.00–12.99	239,475	179,771	75.1	138,292	57.7
13.00–17.99	121,404	88,617	73.0	67,393	55.5
≥18	174,445	128,715	73.8	104,783	60.1
Median household income (U.S. \$)					
<41,000	46,273	34,838	75.3	28,782	62.2
41,000–47,999	85,761	61,594	71.8	47,662	55.6
48,000–55,999	144,356	109,325	75.7	86,359	59.8
≥56,000	338,957	252,135	74.4	192,988	56.9
Without health insurance (%)					
<8	122.582	92.009	75.1	70.929	57.9
8.00–11.99	121.539	91,219	75.1	68.120	56.0
12.00–15.99	221.920	164,572	74.2	128,572	57.9
≥16	149.306	110.092	73.7	88,170	59.1
Subtotal ^b	637 258	472 873	74.2	366 714	57.5
Fomolo	001,200	472,070	17.2	000,714	07.0
Pelaw federal neverty level (%)					
	20.404	04 570	72.0	10 114	F / 7
< 10 10 00 10 00	29,494	21,570	73.Z	10,144	54.7 C0.7
10.00-12.99	39,583	30,407	70.0	24,042	60.7
13.00–16.99	69,938	50,948	72.8	38,904	55.6
≥1/	51,707	38,425	74.3	31,122	60.2
Less than high school diploma (%)					
<9	22,847	16,948	74.2	12,674	55.5
9.00–12.99	73,137	54,501	74.5	41,919	57.3
13.00–17.99	40,157	29,719	74.0	22,623	56.3
≥18	54,581	40,188	73.6	32,996	60.5
Median household income (U.S. \$)					
<41,000	21,118	16,128	76.4	13,388	63.4
41,000–47,999	31,295	22,556	72.1	17,269	55.2
48,000–55,999	50,917	38,566	75.7	30,297	59.5
≥56,000	87,392	64,106	73.4	49,258	56.4
Without health insurance (%)					
<8	35,320	26,800	75.9	20,730	58.7
8.00–11.99	38,289	27,889	72.8	21,283	55.6
12.00–15.99	65.659	49.027	74.7	38.367	58.4
≥16	51.454	37.640	73.2	29.832	58.0
Subtotal ^b	197 240	145 847	73.9	113 559	57.6
Total	22 <i>4</i> 400	619 730	74.4	120.072	67 C
iviai	034,490	010,720	/4.1	40U,Z/J	J/ .D

Abbreviations: CD4, CD4+ T-lymphocyte count (cells/µL) or percentage; VL, viral load (copies/mL); SDH, social determinants of health [footnotes only].

Note. Data are based on address of residence as of December 31, 2016 (i.e., most recent known address).

See Technical Notes for the list of areas that met the criteria for complete laboratory reporting.

For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2017_ACSSubjectDefinitions.pdf. ^a Performed \geq 3 months apart during 2016.

b Because column subtotals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column subtotals. See Technical Notes for criteria used to define SDH subpopulations.

^C Hispanics/Latinos can be of any race.

^d Includes American Indian/Alaska Native, Asian, Native Hawaiian/other Pacific Islander, multiple races, and unknown races.

Table 6b. Receipt of HIV medical care and viral suppression among males aged ≥18 years and alive at year-end 2016 with HIV infection attributed to male-to-male sexual contact, by race/ethnicity and selected social determinants of health—county level, 41 states and the District of Columbia

	Males alive at year-end 2016	≥1 CD4 o	r VL tests	≥2 CD4 or VL tests ^a		VL <200	copies ^b
	Total No.	No.	%	No.	%	No.	%
			Black/Afric	an American			
<pre>selow federal poverty level (%) <10</pre>	16 144	11 578	71 7	8 284	51 3	9 333	57.8
10 00-12 99	20 514	15 175	74.0	11 514	56.1	12 064	58.8
13 00–16 99	66 329	47,968	72.3	35,520	53.6	36,620	55.2
≥17	33.943	24,904	73.4	19.437	57.3	19.553	57.6
Less than high school diploma (%)	00,010	,		,	0.10	,	0.10
<9	17.184	12.401	72.2	9.044	52.6	9,777	56.9
9.00–12.99	52,902	38,581	72.9	28,674	54.2	30,087	56.9
13.00–17.99	32,778	23,652	72.2	17,324	52.9	18,311	55.9
≥18	34,066	24,990	73.4	19,713	57.9	19,395	56.9
Median household income (U.S. \$)							
<41,000	13,149	9,939	75.6	7,984	60.7	7,657	58.2
41,000–47,999	23,499	16,618	70.7	12,350	52.6	12,944	55.1
48,000–55,999	36,442	27,004	74.1	20,534	56.3	20,601	56.5
≥56,000	63,841	46,065	72.2	33,887	53.1	36,368	57.0
Without health insurance (%)							
<8	18,727	13,683	73.1	10,205	54.5	11,146	59.5
8.00–11.99	26,977	19,441	72.1	14,069	52.2	15,407	57.1
12.00–15.99	55,378	40,683	73.5	30,607	55.3	31,480	56.8
≥16	35,850	25,817	72.0	19,874	55.4	19,537	54.5
Total ^c	143,327	104,278	72.8	78,204	54.6	81,262	56.7
			Hispani	c/Latino ^d			
Below federal poverty level (%)	11 100	0.007	70.4	0.050	545	7 000	60 4
<10	11,103	8,037	72.4	6,053	54.5	7,002	63.1
10.00-12.99	22,609	16,735	74.0	13,574	60.0	14,859	65.7
13.00–16.99	48,287	35,072	72.6	28,196	58.4	30,188	62.5
21/	21,951	16,338	74.4	13,578	61.9	14,364	65.4
Less than high school diploma (%)	7.000	- 101	70.0	0.040	0	4 507	~~~~
<9	7,092	5,164	72.8	3,912	55.2	4,527	63.8
9.00-12.99	30,656	22,749	74.2	18,045	58.9	19,937	65.0
13.00–17.99	16,004	11,474	/1./	9,016	56.3	9,870	61.7
218	50,198	36,796	73.3	30,429	60.6	32,081	63.9
Median household income (U.S. \$)	0.074						
<41,000	6,651	4,956	74.5	4,215	63.4	4,189	63.0
41,000–47,999	13,125	9,481	72.2	7,755	59.1	8,491	64.7
48,000–55,999	19,270	14,576	75.6	11,888	61./	12,356	64.1
≥56,000	64,904	47,170	72.7	37,544	57.8	41,378	63.8
Without health insurance (%)							
<8	16,541	12,336	74.6	9,728	58.8	10,988	66.4
8.00-11.99	14,000	10,320	73.7	8,000	57.1	8,902	63.6
12.00–15.99	41,406	29,848	72.1	24,222	58.5	25,940	62.6
≥16	32,004	23,679	74.0	19,452	60.8	20,584	64.3
Total ^c	105,883	77,349	73.1	62,231	58.8	67,371	63.6
			W	hite			
Below federal poverty level (%)	0 / 0 7 0	0- 1-0		10.000		~~~~~	
<10	31,959	25,453	79.6	18,802	58.8	22,828	/1.4
10.00-12.99	47,551	38,961	81.9	30,167	63.4	34,904	/3.4
13.00–16.99	//,8/6	60,517	//./	46,636	59.9	53,278	68.4
21/	18,670	14,550	77.9	11,338	60.7	12,943	69.3
Less than high school diploma (%)	04.400	05 400		40 704	-0 -	00 500	74.0
<9	31,406	25,132	80.0	18,734	59.7	22,566	71.9
9.00-12.99	78,605	62,468	79.5	47,701	60.8	55,135	70.1
13.00-17.99	31,941	24,635	77.1	18,805	58.9	21,700	67.9
218	34,104	27,248	79.9	21,644	63.5	24,553	72.0
Median household income (U.S. \$)	0.007	F 400	70 5	4.070	<u> </u>	4 700	<u> </u>
<41,000	6,907	5,488	79.5	4,3/3	63.3	4,786	69.3
41,000-47,999	19,482	15,307	78.6	11,795	60.5	13,427	68.9
40,000-00,999	41,561	33,608	80.9	20,0/1	04.2	29,298	70.5
	108,105	85,080	10.1	64,104	59.3	10,443	70.7
without health insurance (%)	40.000	04.004	70.0	05 000	50.0	04 004	70.0
<ð	43,360	34,084	/8.6	25,826	59.6	31,321	12.2
δ.UU-11.99	39,605	31,934	80.6	23,391	59.1	27,577	69.6
12.00-15.99	57,511	45,117	/ ö.4	34,799	00.5	39,863	09.3
	35,580	28,348	/9./	22,928	04.4	25,192	70.8
I otal [~]	182,386	143,935	78.9	110,074	60.4	127,822	/0.1

Table 6b. Receipt of HIV medical care and viral suppression among males aged ≥18 years and alive at year-end 2016 with HIV infection attributed to male-to-male sexual contact, by race/ethnicity and selected social determinants of health—county level, 41 states and the District of Columbia (cont)

	Males alive at year-end 2016	≥1 CD4 or	r VL tests	≥2 CD4 or VL tests ^a		VL <200	copies ^b
	Total No.	No.	%	No.	%	No.	%
			01	ther ^e			
Below federal poverty level (%)							
<10	5,267	4,302	81.7	3,189	60.5	3,747	71.1
10.00–12.99	6,733	5,567	82.7	4,365	64.8	4,902	72.8
13.00–16.99	12,867	10,389	80.7	8,131	63.2	8,698	67.6
≥17	4,090	3,368	82.3	2,727	66.7	2,835	69.3
Less than high school diploma (%)							
<9	4,538	3,722	82.0	2,795	61.6	3,221	71.0
9.00–12.99	11,449	9,311	81.3	7,157	62.5	7,958	69.5
13.00–17.99	4,957	3,979	80.3	3,089	62.3	3,356	67.7
≥18	8,013	6,613	82.5	5,370	67.0	5,648	70.5
Median household income (U.S. \$)							
<41,000	1,451	1,211	83.4	972	67.0	984	67.8
41,000–47,999	2,599	2,015	77.5	1,559	60.0	1,652	63.6
48,000–55,999	5,760	4,807	83.5	3,849	66.8	3,982	69.1
≥56,000	19,147	15,593	81.4	12,032	62.8	13,565	70.8
Without health insurance (%)							
<8	7,466	6,115	81.9	4,748	63.6	5,440	72.9
8.00–11.99	5,959	4,847	81.3	3,664	61.5	4,086	68.6
12.00–15.99	10,434	8,483	81.3	6,639	63.6	7,190	68.9
≥16	5,098	4,180	82.0	3,361	65.9	3,466	68.0
Total ^c	30,089	24,452	81.3	19,043	63.3	20,904	69.5
			т	otal			
Below federal poverty level (%)	04.470	40.070		~~~~~		10.010	
<10	64,473	49,370	76.6	36,328	56.3	42,910	66.6
10.00-12.99	97,407	76,438	78.5	59,620	61.2	66,729	68.5
13.00–16.99	205,358	153,946	75.0	118,483	57.7	128,783	62.7
21/	78,655	59,161	75.2	47,080	59.9	49,696	63.2
Less than high school diploma (%)	00.040	10.110	/	o. / / o=	0	10.001	
<9	60,219	46,419	//.1	34,485	57.3	40,091	66.6
9.00–12.99	173,612	133,109	/6./	101,637	58.5	113,116	65.2
13.00–17.99	85,680	63,741	/4.4	48,234	56.3	53,236	62.1
218	126,382	95,647	/5./	77,156	61.1	81,676	64.6
Median household income (U.S. \$)							
<41,000	28,158	21,593	76.7	17,544	62.3	17,615	62.6
41,000–47,999	58,705	43,420	74.0	33,459	57.0	36,513	62.2
48,000–55,999	103,034	79,994	77.6	62,942	61.1	66,237	64.3
≥56,000	255,996	193,907	75.7	147,567	57.6	167,753	65.5
Without health insurance (%)							
<8	86,094	66,218	76.9	50,507	58.7	58,896	68.4
8.00–11.99	86,540	66,542	76.9	49,123	56.8	55,971	64.7
12.00–15.99	164,728	124,131	75.4	96,268	58.4	104,473	63.4
≥16	108,531	82,024	75.6	65,615	60.5	68,779	63.4
Total ^c	461,685	350,013	75.8	269,553	58.4	297,360	64.4

Abbreviations: CD4, CD4+ T-lymphocyte count (cells/µL) or percentage; VL, viral load (copies/mL); SDH, social determinants of health [footnotes only].

Note. Data are based on address of residence as of December 31, 2016 (i.e., most recent known address). Data have been statistically adjusted to account for missing transmission category.

See Technical Notes for the list of areas that met the criteria for complete laboratory reporting.

For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/ 2017_ACSSubjectDefinitions.pdf.

^a Performed \geq 3 months apart during 2016.

^b VL test result of <200 copies/mL indicates HIV viral suppression. VL test results are from the most recent test during 2016.

^C Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column totals. See Technical Notes for criteria used to define SDH subpopulations.

^d Hispanics/Latinos can be of any race.

^e Includes American Indian/Alaska Native, Asian, Native Hawaiian/other Pacific Islander, multiple races, and unknown races.

	Persons alive at year-end 2016	≥1 CD4 or VL tests		≥2 CD4 or VL tests ^a	
	Total No.	No.	%	No.	%
		18–24			
Male					
Below federal poverty level (%)					
<10	2,992	2,318	77.5	1,650	55.1
10.00–12.99	4,139	3,236	78.2	2,386	57.6
13.00–16.99	10,587	8,041	76.0	5,741	54.2
≥17	5,419	4,115	75.9	3,069	56.6
Less than high school diploma (%)					
<9	2.800	2.152	76.9	1.513	54.0
9.00-12.99	8 478	6.544	77.2	4,736	55.9
13 00_17 99	5 487	4 181	76.2	2 952	53.8
>18	6 372	1 833	75.8	3 6/5	57.2
Madian household income (ILS \$)	0,012	7,000	75.0	5,045	57.2
	0.075	1 500	72.0	1 170	EC E
<41,000 44,000 47,000	2,075	1,002	73.0	1,172	50.5
41,000-47,999	3,805	2,837	74.6	2,031	53.4
48,000–55,999	6,203	4,771	76.9	3,493	56.3
≥56,000	11,054	8,570	11.5	6,150	55.6
Without health insurance (%)					
<8	3,183	2,537	79.7	1,846	58.0
8.00–11.99	4,472	3,450	77.1	2,441	54.6
12.00–15.99	8,967	6,835	76.2	4,940	55.1
≥16	6,515	4,888	75.0	3,619	55.5
Subtotal ^b	24,010	18,357	76.5	13,288	55.3
Female					
Below federal poverty level (%)					
<10	842	636	75.5	462	54 9
10 00_12 99	1 138	880	77.3	661	58.1
13 00-16 00	2 / 37	1 760	72.2	1 287	52.8
>17	1 670	1,700	75.0	077	58.2
$\leq \rangle$	1,079	1,274	15.9	511	50.2
Less than high school diploma (%)	200	540	70 5	200	50.4
<9	699	549	78.5	392	56.1
9.00–12.99	2,212	1,652	/4./	1,222	55.2
13.00–17.99	1,343	1,009	75.1	731	54.4
≥18	1,842	1,340	72.7	1,042	56.6
Median household income (U.S. \$)					
<41,000	727	548	75.4	434	59.7
41,000–47,999	991	733	74.0	529	53.4
48,000–55,999	1,652	1,239	75.0	933	56.5
≥56.000	2.726	2.030	74.5	1.491	54.7
Without health insurance (%)		,		,	
<8	1 033	813	78 7	612	59.2
8 00_11 99	1 120	Q0/0	72 3	612	53 Q
12 00_15 00	0 100 0 100	1 6/6	75.1	1 220	56 1
12.00-10.00 >16	2, IV2 1 700	1,040	73.0	1,200	53.0
	1,7 32	1,207	13.2	902	55.0
Subtotal	6,295	4,697	/4.0	3,492	55.5
Total	30,305	23,054	76.1	16,780	55.4

	Persons alive at year-end 2016	≥1 CD4 or VL tests		≥2 CD4 or VL tests ^a	
	Total No.	No.	%	No.	%
		25–34			
Male					
Below federal poverty level (%)					
<10	13,232	9,874	74.6	6,908	52.2
10.00–12.99	18,708	14,254	76.2	10,452	55.9
13.00–16.99	44,928	33,506	74.6	24,165	53.8
≥17	20,059	15,137	75.5	11,445	57.1
Less than high school diploma (%)					
<9	12.648	9.490	75.0	6.627	52.4
9.00-12.99	35,766	26,919	75.3	19,308	54.0
13 00_17 99	20,397	15 147	74.3	10,886	53.4
>18	28,116	21 215	75.5	16 149	57.4
Median household income (IIS \$)	20,110	21,210	10.0	10,110	07.1
	7 779	5 038	76.3	1 616	50.7
<41,000 41,000 47,000	1,170	0,900	70.5	4,040	53.7
41,000-47,999	13,503	9,883	13.Z	1,171	53.1
48,000-55,999	23,992	18,080	75.4	13,270	55.3
≥56,000	51,654	38,870	75.3	27,883	54.0
Without health insurance (%)					
<8	15,640	12,071	77.2	8,761	56.0
8.00–11.99	18,788	14,198	75.6	9,855	52.5
12.00–15.99	37,025	27,699	74.8	20,205	54.6
≥16	25,474	18,803	73.8	14,149	55.5
Subtotal ^b	100,391	75,267	75.0	54,783	54.6
Female					
Below federal poverty level (%)					
<10	3 491	2 544	72 9	1 884	54 0
10 00–12 99	4 929	3 619	73.4	2 672	54.2
13 00_16 99	10 094	6 885	68.2	4 944	49.0
>17	6 562	0,000 1 710	71.8	3 561	
= 17	0,002	4,710	71.0	5,501	54.5
	2 012	2 101	70 7	1 612	E2 E
	3,013	2,191	70.0	1,013	55.5
9.00-12.99	9,395	0,048	70.8	4,779	50.9
13.00-17.99	5,727	4,124	72.0	2,985	52.1
218	6,941	4,795	69.1	3,684	53.1
Median household income (U.S. \$)					
<41,000	2,740	1,964	71.7	1,534	56.0
41,000–47,999	4,353	3,034	69.7	2,219	51.0
48,000–55,999	7,057	5,027	71.2	3,659	51.8
≥56,000	10,926	7,733	70.8	5,649	51.7
Without health insurance (%)					
<8	3,855	2,859	74.2	2,106	54.6
8.00–11.99	4,680	3,369	72.0	2,441	52.2
12.00–15.99	8.806	6.236	70.8	4.601	52.2
≥16	7.735	5.294	68.4	3.913	50.6
Subtotal ^b	25 873	18 280	70.7	13 418	51 9
Total	106.064	02 547	74.4	60 204	54.0
IUlai	120,204	93,341	/4.1	00,ZUI	34.0

	Persons alive at year-end 2016	≥1 CD4 or VL tests		≥2 CD4 or VL tests ^a	
	Total No.	No.	%	No.	%
		35–44			
Male					
Below federal poverty level (%)					
<10	16,741	12,449	74.4	9,047	54.0
10.00–12.99	24,723	18,731	75.8	14,250	57.6
13.00–16.99	52,214	38,192	73.1	28,925	55.4
≥17	22,191	16,225	73.1	12,715	57.3
Less than high school diploma (%)					
<9	14,926	11,318	75.8	8,339	55.9
9.00–12.99	43.382	32,223	74.3	24,001	55.3
13.00–17.99	23.066	17,008	73.7	12,679	55.0
≥18	34 495	25.048	72.6	19,918	57.7
Median household income (ILS_\$)		_0,010			••••
	8 658	6 4 5 4	74 5	5 212	60.2
41,000 47,000	15 683	11 330	79.0	9,212	54 7
41,000-47,333	13,003	20 410	75.0	15 694	57.0
40,000-33,333 >56 000	27,147 64 201	20,419	73.6	25 457	57.0
≥50,000 Without health insurance (%)	04,301	47,394	73.0	55,457	55.1
	20 714	15 520	75.0	11 496	55 5
<pre><0</pre>	20,714	10,000	75.0	11,400	55.5
8.00-11.99	22,095	10,032	75.3	12,113	54.8
12.00-15.99	42,991	31,004	73.5	24,254	50.4
≥10	30,069	21,831	72.6	17,084	56.8
Subtotal	120,018	88,434	73.7	66,964	55.8
Female					
Below federal poverty level (%)					
<10	7,427	5,255	70.8	3,802	51.2
10.00–12.99	9,489	7,097	74.8	5,459	57.5
13.00–16.99	17,904	12,821	71.6	9,427	52.7
≥17	11,489	8,252	71.8	6,368	55.4
Less than high school diploma (%)					
<9	5,807	4,180	72.0	3,014	51.9
9.00-12.99	17.851	12,903	72.3	9.538	53.4
13.00–17.99	10.192	7.440	73.0	5.535	54.3
≥18	12,459	8.902	71.5	6,969	55.9
Median household income (U.S. \$)	,	-,		- ,	
	4 868	3 572	73.4	2 858	58 7
/1 000_/7 999	7 532	5 290	70.4	3 801	51 7
/8 000-55 090	12 811	9,250	73.8	7 125	55.6
>56 000	21 008	15 106	71.6	11 182	53.0
$\geq 50,000$	21,090	15,100	71.0	11,102	55.0
without health insurance (%)	7 710	E C04	70 7	4 0 4 4	54.0
<8	7,713	5,684	73.7	4,211	54.6
0.00-11.99	8,866	0,290	71.0	4,583	51./
12.00–15.99	16,130	11,802	/3.2	8,906	55.2
210	13,600	9,643	70.9	7,356	54.1
Subtotal ^o	48,006	34,563	72.0	25,870	53.9
Total	168,024	122,997	73.2	92,834	55.3

	Persons alive at year-end 2016	≥1 CD4 or VL tests		≥2 CD4 or VL tests ^a	
	Total No.	No.	%	No.	%
		45–54			
Male					
Below federal poverty level (%)					
<10	30,295	23,153	76.4	17,205	56.8
10.00–12.99	46,086	36,046	78.2	28,391	61.6
13.00–16.99	86,429	64,499	74.6	50,384	58.3
≥17	38,387	28,428	74.1	23,242	60.5
Less than high school diploma (%)					
<9	26.925	20.711	76.9	15.489	57.5
9 00–12 99	79 231	60 552	76.4	46 831	59.1
13 00_17 99	38 815	28 823	74.3	22 263	57.4
>18	56 226	42 040	74.8	34 639	61.6
Median hausshald income (U.S. ¢)	50,220	72,070	74.0	54,005	01.0
<pre>wedian household income (0.5. \$) </pre>	11 520	11 10E	77.0	0 200	647
<41,000	14,520	11,100	77.0	9,398	04.7
41,000–47,999	28,027	20,383	12.1	16,025	57.2
48,000–55,999	46,805	36,114	11.2	28,953	61.9
≥56,000	111,845	84,444	75.5	64,846	58.0
Without health insurance (%)					
<8	41,486	31,648	76.3	24,387	58.8
8.00–11.99	40,036	30,382	75.9	22,717	56.7
12.00–15.99	71,548	53,821	75.2	42,505	59.4
≥16	48,127	36,275	75.4	29,613	61.5
Subtotal ^b	208,442	157,073	75.4	122,838	58.9
Female					
Below federal poverty level (%)					
<10	9.711	7,212	74.3	5.370	55.3
10 00–12 99	13 071	10 171	77.8	8 079	61.8
13 00_16 99	21 713	16 193	74.6	12 471	57.4
>17	16 808	12 663	75.3	10 380	61.8
= 17	10,000	12,000	75.5	10,500	01.0
Less than high school diploma (%)	7 404	F 007	75.0	4 4 7 7	50.0
	7,401	5,007	75.2	4,177	50.0
9.00-12.99	23,596	17,945	76.1	13,931	59.0
13.00–17.99	12,872	9,583	74.4	7,339	57.0
≥18	17,374	13,104	75.4	10,853	62.5
Median household income (U.S. \$)					
<41,000	6,889	5,380	78.1	4,515	65.5
41,000–47,999	10,084	7,299	72.4	5,664	56.2
48,000–55,999	15,966	12,388	77.6	9,808	61.4
≥56,000	28,364	21,172	74.6	16,313	57.5
Without health insurance (%)					
<8	11.961	9.243	77.3	7.153	59.8
8 00–11 99	12 558	9 241	73.6	7 067	56.3
12 00–15 99	21 247	16 123	75 9	12 696	59.8
>16	15 537	11 632	74 9	0 38/	60.4
Subtotal ^b	63 200	17 600	75.0	27 201	50. 1
	03,300	47,009	15.2	57,591	09.0
Total	271,830	204,762	75.3	160,229	58.9

	Persons alive at year-end 2016	≥1 CD4 or	≥1 CD4 or VL tests		VL tests ^a
	Total No.	No.	%	No.	%
		≥55			
Male					
Below federal poverty level (%)					
<10	26,702	19,735	73.9	15,331	57.4
10.00–12.99	41,749	31,884	76.4	26,305	63.0
13.00–16.99	73,326	52,592	71.7	42,725	58.3
≥17	36,440	25,477	69.9	21,455	58.9
Less than high school diploma (%)					
<9	22,724	17,118	75.3	13,355	58.8
9.00–12.99	72,618	53,533	73.7	43,416	59.8
13.00–17.99	33.639	23.458	69.7	18.613	55.3
≥18	49,236	35,579	72.3	30,432	61.8
Median household income (U.S. \$)		,		,	
<41.000	13.242	9.729	73.5	8.354	63.1
41 000-47 999	24 743	17 161	69.4	13 851	56.0
48 000–55 999	40 209	29 941	74.5	24 959	62.1
>56 000	10,200	72 857	72.8	58 652	58.6
Without health insurance (%)	100,020	12,001	12.0	00,002	00.0
<8	41.559	30.223	72.7	24,449	58.8
8.00–11.99	36.148	26.557	73.5	20.994	58.1
12.00–15.99	61,389	44,613	72.7	36,668	59.7
>16	39 121	28 295	72.3	23 705	60.6
Subtotal ^b	184.397	133,742	72.5	108.841	59.0
Female				,	
Below federal poverty level (%)					
	8 023	5 929	73 9	4 626	57 7
10 00-12 99	10,956	8 640	78.9	7 171	65.5
13.00 16.00	17,330	13 280	70.5	10 775	60.6
>17	17,790	11,209	76.0	0.926	64.9
≤ 17	15,109	11,520	70.0	9,050	04.0
	5 867	1 101	75 /	3 /78	50.3
	2,007	4,421	75.4	12 440	59.5
9.00-12.99 12.00 17.00	20,003	10,000	70.4 75 5	6 022	60.0
13.00-17.99 >19	15,065	12 047	75.5	10 449	00.Z
≤ 10	15,905	12,047	75.5	10,440	03.4
(U.S. \$)	F 904	4 664	70.4	4.047	C0 7
<41,000	5,694	4,004	79.1	4,047	00.7
41,000–47,999	8,335	6,200	74.4	4,966	59.6
48,000–55,999	13,431	10,455	//.8	8,772	65.3
≥56,000	24,278	18,065	74.4	14,623	60.2
Without health insurance (%)					
<8	10,758	8,201	76.2	6,648	61.8
8.00–11.99	11,046	8,159	73.9	6,579	59.6
12.00–15.99	17,284	13,220	76.5	10,934	63.3
≥16	12,850	9,804	76.3	8,247	64.2
Subtotal ^b	53,678	40,618	75.7	33,388	62.2
Total	238.075	174.360	73.2	142,229	59.7

Abbreviations: CD4, CD4+ T-lymphocyte count (cells/µL) or percentage; VL, viral load (copies/mL); SDH, social determinants of health [footnotes only]. *Note.* Data are based on address of residence as of December 31, 2016 (i.e., most recent known address).

See Technical Notes for the list of areas that met the criteria for complete laboratory reporting.

For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/

2017_ACSSubjectDefinitions.pdf.

^a Performed \geq 3 months apart during 2016.

^b Because column subtotals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column subtotals. See Technical Notes for criteria used to define SDH subpopulations.

	Persons alive at year-end 2016	≥1 CD4 or [*]	VL tests	≥2 CD4 or V	VL tests ^a
	Total No.	No.	%	No.	%
	Male	-to-male sexual c	ontact		
Male					
Below federal poverty level (%)					
<10	64,473	49,370	76.6	36,328	56.3
10.00–12.99	97,407	76,438	78.5	59,620	61.2
13.00–16.99	205,358	153,946	75.0	118,483	57.7
≥17	78,655	59,161	75.2	47,080	59.9
Less than high school diploma (%)					
<9	60.219	46.419	77.1	34.485	57.3
9 00-12 99	173 612	133 109	76.7	101 637	58.5
13 00_17 99	85 680	63 741	70.1 74 4	48 234	56.3
>18	126 382	95 647	75.7	77 156	61.1
Median household income (ILS C)	120,002	50,047	10.1	11,100	01.1
	00.150	04 500	76.7	47 544	c0 0
< 41,000	28,158	21,593	70.7	17,544	02.3
41,000–47,999	58,705	43,420	74.0	33,459	57.0
48,000–55,999	103,034	79,994	//.6	62,942	61.1
≥56,000	255,996	193,907	75.7	147,567	57.6
Without health insurance (%)					
<8	86,094	66,218	76.9	50,507	58.7
8.00–11.99	86,540	66,542	76.9	49,123	56.8
12.00–15.99	164,728	124,131	75.4	96,268	58.4
≥16	108,531	82,024	75.6	65,615	60.5
Subtotal ^b	461,685	350,013	75.8	269,553	58.4
Female					
Below federal poverty level (%)					
<10	_	_	_	_	_
10 00-12 99	_	_	_	_	_
13 00_16 09		_		_	_
>17					
= 17	_	_	_	_	_
Less than high school diploma (%)					
<9	_	_	_	—	_
9.00–12.99	—	—	—	—	_
13.00–17.99	—	_	_	—	—
≥18	—	_	—	_	-
Median household income (U.S. \$)					
<41,000	_	_	_	_	_
41,000–47,999	_	_	_	_	_
48,000–55,999	_	_	—	—	_
≥56,000	_	_	_	_	_
Without health insurance (%)					
<8	_	_	_	_	_
8 00–11 99	_	_	_	_	_
12 00–15 99	_	_	_	_	_
>16	_	_	_	_	_
- 10 Subtotal ^b					_
	_				
lotal	461,685	350,013	75.8	269,553	58.4

Table 8.	Receipt of HIV medical care among persons aged ≥18 years with HIV infection diagnosed by year-end 2015 and alive at year-
	end 2016, by transmission category, sex, and selected social determinants of health—county level, 41 states and the District
	of Columbia (cont)

	Persons alive at year-end 2016	≥1 CD4 or VL tests		≥2 CD4 or VL tests ^a	
	Total No.	No.	%	No.	%
		Injection drug us	e		
Male					
Below federal poverty level (%)					
<10	8,632	5,673	65.7	4,402	51.0
10.00–12.99	11,584	7,783	67.2	6,296	54.4
13.00–16.99	19,801	12,219	61.7	9,591	48.4
≥17	16,718	10,599	63.4	8,862	53.0
Less than high school diploma (%)					
<9	6,048	4,060	67.1	3,117	51.5
9.00–12.99	21,150	13,601	64.3	10,842	51.3
13.00–17.99	12.364	7.862	63.6	6.023	48.7
≥18	17.173	10.750	62.6	9.170	53.4
Median household income (U.S. \$)	, -	-,		-, -	
<41 000	6 850	4 656	68.0	4 055	59.2
11 000-17 999	8 617	5 370	62.0	1,000	18.6
18 000-55 999	13 500	8 710	64.0	7 026	-0.0 51 7
>56 000	27 660	17 520	63.4	13 885	50.2
Without boolth incurance (%)	21,003	17,525	00.4	10,000	50.Z
	15 301	0 707	c2 c	7 070	54 5
<0	15,301	9,727	03.0	7,879	51.5
8.00-11.99	12,000	8,122	64.1	6,386	50.4
12.00–15.99	18,832	11,927	63.3	9,675	51.4
≥16	9,936	6,497	65.4	5,212	52.5
Subtotal	58,810	37,390	63.6	30,002	51.0
Female					
Below federal poverty level (%)					
<10	5,933	4,328	73.0	3,311	55.8
10.00–12.99	8,208	6,283	76.6	5,009	61.0
13.00–16.99	14,001	9,968	71.2	7,658	54.7
≥17	11,749	8,497	72.3	6,960	59.2
Less than high school diploma (%)					
<9	4.450	3.294	74.0	2.513	56.5
9.00-12.99	14,708	10.852	73.8	8,465	57.6
13.00–17.99	8.853	6.326	71.4	4,796	54.2
≥18	11.878	8,605	72.4	7,165	60.3
Median household income (U.S. \$)	.,,,	0,000		.,	
	4 805	3 616	75 3	3 068	63.8
11 000_17 999	4,000 6 063	1 272	70.5	3 220	53.1
48,000-55,000	0,000	7 3 25	70.5	5,220	50.1
→56 000	10 182	13 86/	79.3	10.835	56.5
$\geq 50,000$	19,105	15,004	12.5	10,055	50.5
without health insurance (%)	0.007	7 000	75.0	E 774	CO 4
<8	9,607	7,209	75.0	5,771	60.1
0.00-11.99	9,130	0,497	71.1	5,025	55.0
12.00-15.99	13,455	9,762	/2.5	1,112	57.3
210	7,692	5,609	72.9	4,430	57.6
Subtotal	41,284	29,919	72.5	23,580	57.1
Total	100,095	67,309	67.2	53,581	53.5

	Persons alive at year-end 2016	≥1 CD4 or VL tests		≥2 CD4 or VL tests ^a	
	Total No.	No.	%	No.	%
	Male-to-male sex	ual contact and i	injection drug	use	
Male					
Below federal poverty level (%)					
<10	6,640	5,300	79.8	4,058	61.1
10.00–12.99	11,118	9,086	81.7	7,145	64.3
13.00–16.99	18,885	14,532	76.9	11,456	60.7
≥17	8,423	6,568	78.0	5,358	63.6
Less than high school diploma (%)					
<9	6,359	5,068	79.7	3,831	60.2
9.00–12.99	17,739	14,233	80.2	11,171	63.0
13.00–17.99	9,246	7.014	75.9	5,416	58.6
≥18	11 722	9 171	78.2	7 600	64.8
Median household income (ILS \$)	· · , · <u></u>	0,111	10.2	1,000	01.0
	3 632	2 053	81.3	2 /01	68.6
11 000 47 000	6 012	2,555	75 0	2,451	50.0
41,000-47,999	0,012	4,007	75.0	5,550	59.1
40,000-55,999	9,709	7,707	79.1	0,120	02.9
≥50,000	25,082	20,269	78.9	15,640	01.7
Without health insurance (%)					
<8	9,972	8,099	81.2	6,427	64.4
8.00–11.99	9,524	7,595	79.7	5,790	60.8
12.00–15.99	16,333	12,668	77.6	10,087	61.8
≥16	9,237	7,124	77.1	5,714	61.9
Subtotal ^b	46,704	36,637	78.4	28,857	61.8
Female					
Below federal poverty level (%)					
<10	_	_	_	_	_
10 00–12 99	_	_	_	_	_
13 00_16 99	_	_	_	_	_
>17	_	_	_	_	_
= 17					
Less than high school diploma (%)					
	—	_	_	_	_
9.00-12.99	—	—	—	—	_
13.00–17.99	_	—	—	—	_
≥18	_	—	—	—	—
Median household income (U.S. \$)					
<41,000	—	—	—	—	—
41,000–47,999	_	—	—	_	_
48,000–55,999	_	—	—	_	_
≥56,000	—	—	—	—	—
Without health insurance (%)					
<8	_	_	_	_	_
8.00-11.99	_	_	_	_	_
12.00–15.99	_	_	_	_	_
≥16	_	_	_	_	_
Subtotal ^b	_	_		_	
Tatal			70.4		C4 0
IOTAI	46,704	30,637	/8.4	28,857	61.8

Table 8.	Receipt of HIV medical care among persons aged ≥18 years with HIV infection diagnosed by year-end 2015 and alive at year-
	end 2016, by transmission category, sex, and selected social determinants of health-county level, 41 states and the District
	of Columbia (cont)

	Persons alive at year-end 2016	≥1 CD4 or	≥1 CD4 or VL tests		≥2 CD4 or VL tests ^a	
	Total No.	No.	%	No.	%	
	н	eterosexual conta	act ^c			
Male						
Below federal poverty level (%)						
<10	9,162	6,387	69.7	4,775	52.1	
10.00–12.99	14,146	9,991	70.6	8,071	57.1	
13.00–16.99	21,618	14,867	68.8	11,462	53.0	
≥17	17,315	12,132	70.1	9,923	57.3	
Less than high school diploma (%)						
<9	6,556	4,610	70.3	3,450	52.6	
9.00–12.99	24,964	17.355	69.5	13,529	54.2	
13 00–17 99	13 092	9 269	70.8	7 183	54.9	
>18	17 629	12 142	68.9	10,069	57.1	
Median household income (IIS \$)	11,020	12,112	00.0	10,000	07.1	
	7 010	5 230	74.6	1 380	62.5	
41,000 47,000	11 666	7 704	66.0	4,500	50 1	
41,000-47,999	11,000	1,124	00.2	0,000	5Z.1	
48,000-25,999	10,000	11,957	/1./	9,532	57.1	
256,000	20,877	18,465	68.7	14,239	53.0	
Without health insurance (%)						
<8	9,915	6,980	70.4	5,387	54.3	
8.00–11.99	11,570	8,070	69.7	6,171	53.3	
12.00–15.99	20,213	14,588	72.2	11,583	57.3	
≥16	20,544	13,738	66.9	11,090	54.0	
Subtotal ^b	64,417	44,850	69.6	35,317	54.8	
Female						
Below federal poverty level (%)						
<10	22 742	16 636	73.2	12 374	54.4	
10 00-12 99	30 314	23 315	76.9	18 412	60.7	
13 00_16 00	54 307	20,010	73.0	30 311	55.0	
>17	38 570	28 000	71.0	22 212	50.5 60.5	
$\leq 1/$	50,570	20,900	74.5	23,310	00.0	
Less than high school diploma (%)	47.740	40.450	74.4	0 700	FF 0	
<9	17,742	13,153	74.1	9,793	55.2	
9.00–12.99	56,664	42,330	74.7	32,446	57.3	
13.00–17.99	30,437	22,755	74.8	17,340	57.0	
≥18	41,110	30,404	74.0	24,869	60.5	
Median household income (U.S. \$)						
<41,000	15,711	12,070	76.8	9,945	63.3	
41,000–47,999	24,537	17,766	72.4	13,660	55.7	
48,000–55,999	39,874	30,322	76.0	23,758	59.6	
≥56,000	65,831	48,485	73.7	37,086	56.3	
Without health insurance (%)						
<8	24.647	18.778	76.2	14.324	58.1	
8.00-11.99	28,132	20,660	73.4	15,685	55.8	
12 00–15 99	50 491	38 004	75.3	29 661	58.7	
≥16	42 682	31 200	73.1	24 779	58.1	
Subtotalb	150 012	112 181	7/ 3	87.074	57.7	
	100,912	112,101	74.5	400.000	51.1	
lotal	215,329	157,032	/2.9	122,392	56.8	

Abbreviations: CD4, CD4+ T-lymphocyte count (cells/µL) or percentage; VL, viral load (copies/mL); SDH, social determinants of health [footnotes only].

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis.

Data are based on address of residence as of December 31, 2016 (i.e., most recent known address).

Data have been statistically adjusted to account for missing transmission category.

Receipt of any HIV medical care was measured by documentation of ≥1 CD4 or VL test performed during 2016.

See Technical Notes for the list of areas that met the criteria for complete laboratory reporting.

For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/

2017_ACSSubjectDefinitions.pdf.

^a Performed \geq 3 months apart during 2016.

^b Because column subtotals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column subtotals. See Technical Notes for criteria used to define SDH subpopulations.

^C Heterosexual contact with a person known to have, or to be at high risk for, HIV infection.

	Persons alive at year-end 2016		VL <200 copies/mL	
	No.	%	No.	%
		Black/African	n American	
Male				
Below federal poverty level (%)				
<10	26,622	12.1	15,079	56.6
10.00–12.99	36,992	16.8	21,293	57.6
13.00–16.99	97,430	44.2	52,502	53.9
≥17	59,507	27.0	33,120	55.7
Less than high school diploma (%)				
<9	25,629	11.6	14,342	56.0
9.00–12.99	85,820	38.9	47,675	55.6
13.00–17.99	52.754	23.9	28,764	54.5
≥18	56.348	25.5	31,213	55.4
Median household income (U.S. \$)	,		- , -	
<41 000	22 490	10.2	12 923	57 5
41 000-47 999	40 070	18.2	21 152	52.8
48 000-55 999	58 328	26.4	32 445	55.6
>56 000	99,663	15 0	55 / 7/	55.7
Without health insurance (%)	33,000	40.Z	00,114	00.1
	33 640	15.3	10 202	57 1
NO 11 00	44 142	20.0	19,202	55.6
12.00 15.00	44,142 02.006	20.0	24,001	55.0
12.00-15.99	03,000	30.U 06 7	40,099	50.9 50.0
	50,074	20.7	31,342	55.Z
Subtotal	230,342	100	127,475	55.3
Female				
Below federal poverty level (%)	1- 010	10.0	0.010	
<10	15,649	13.6	9,212	58.9
10.00–12.99	21,503	18.7	13,015	60.5
13.00–16.99	43,621	37.9	24,163	55.4
≥17	34,329	29.8	19,814	57.7
Less than high school diploma (%)				
<9	12,756	11.1	7,464	58.5
9.00–12.99	45,378	39.4	26,175	57.7
13.00–17.99	26,353	22.9	14,908	56.6
≥18	30,615	26.6	17,657	57.7
Median household income (U.S. \$)				
<41,000	12,538	10.9	7,250	57.8
41,000–47,999	21,112	18.3	11,770	55.8
48,000–55,999	32,478	28.2	18,874	58.1
≥56,000	48,974	42.5	28,310	57.8
Without health insurance (%)				
<8	17.834	15.5	10.726	60.1
8.00–11.99	22.890	19.9	13.172	57.5
12.00–15.99	40 042	34.8	23 081	57.6
≥16	34,336	29.8	19 225	56.0
Subtotal ^a	110 1/6	100	68 570	57.6
Tatal	1 IU, ITU 2 40 400	400	400 04E	57.0 EC 4
lotal	349,488	100	196,045	56.1

	Persons alive a	t year-end 2016	VL <200 copies/mL	
	No.	%	No.	%
		Hispanic	′Latino ^b	
Male				
Below federal poverty level (%)				
<10	16,477	11.5	9,910	60.1
10.00–12.99	30,898	21.6	19,467	63.0
13.00–16.99	62,020	43.4	37,416	60.3
≥17	33,553	23.5	20,775	61.9
Less than high school diploma (%)				
<9	9.822	6.9	6.023	61.3
9.00-12.99	43.861	30.7	27.075	61.7
13.00–17.99	22,328	15.6	13,274	59.5
≥18	66,937	46.8	41 196	61.5
Median household income (II S \$)	00,001	10.0	11,100	01.0
	12 /00	87	7 517	60.2
	17 451	10.7	10 715	61.4
41,000-47,999	17,401	12.Z 10.E	10,715	01.4
40,000-55,999 >FC 000	27,015	19.0	10,910	00.0
	00,192	59.0	JZ,4ZT	C.10
Without health insurance (%)	00.010	10.0	40.407	<u> </u>
<8	26,016	18.2	16,187	62.2
8.00–11.99	20,377	14.3	12,441	61.1
12.00–15.99	55,437	38.8	33,495	60.4
≥16	41,118	28.8	25,445	61.9
Subtotal ^a	145,757	100	88,865	61.0
Female				
Below federal poverty level (%)				
<10	4,825	14.1	3,070	63.6
10.00–12.99	6,903	20.2	4,507	65.3
13.00–16.99	11,816	34.5	7,233	61.2
≥17	10,699	31.2	6,826	63.8
Less than high school diploma (%)				
<9	2,412	7.0	1.582	65.6
9 00-12 99	10 707	31.3	6 788	63.4
13 00–17 99	5 201	15.2	3 276	63.0
>18	15 923	46.5	9 990	62.7
Median household income (U.S. \$)	10,020	10.0	0,000	02.1
	5 /75	16.0	3 570	65.2
	3,475	10.0	2,572	50.Z
41,000-47,999	7 712	10.7	2,101	59.7
40,000−55,999 >56,000	17,713	ZZ.J 50.9	4,900	62.0
≥50,000	17,399	50.6	10,940	02.9
Without health insurance (%)	7 070	01.0	4 750	05.0
<ð	7,278	21.3	4,752	65.3
8.00-11.99	5,/14	16./	3,620	63.4
12.00–15.99	12,805	37.4	8,037	62.8
≥16	8,446	24.7	5,227	61.9
Subtotal ^a	34,977	100	21,982	62.8
Total	180,734	100	110,847	61.3

	Persons alive a	t year-end 2016	VL <200 c	opies/mL
	No.	%	No.	%
		W	hite	
Male				
Below federal poverty level (%)				
<10	39,630	18.6	27,893	70.4
10.00–12.99	58,370	27.4	42,108	72.1
13.00–16.99	91,760	43.0	61,711	67.3
≥17	23,421	11.0	15,805	67.5
Less than high school diploma (%)				
<9	38,389	18.0	27,187	70.8
9.00-12.99	94,621	44.4	65,458	69.2
13.00–17.99	39.614	18.6	26.394	66.6
≥18	40.557	19.0	28,478	70.2
Median household income (U.S. \$)			,	
<41 000	9 041	4 2	6 114	67.6
11 000_17 999	24 507	11.5	16 / 51	67.1
48,000 47,000 48,000_55,999	50 301	23.6	3/ 852	69.3
+0,000−00,999 >56,000	120,332	20.0	00 100	60.7
= 50,000	129,352	00.7	50,100	03.1
without health insurance (%)	50 744	04.7	27 500	74.0
<8	52,711	24.7	37,588	71.3
8.00-11.99	48,827	22.9	33,500	68.6
12.00–15.99	68,988	32.4	46,845	67.9
≥16	42,655	20.0	29,584	69.4
Subtotal ^a	220,943	100	152,158	68.9
Female				
Below federal poverty level (%)				
<10	6,617	21.8	4,230	63.9
10.00–12.99	8,550	28.1	5,491	64.2
13.00–16.99	10,847	35.7	6,300	58.1
≥17	4,392	14.4	2,490	56.7
Less than high school diploma (%)				
<9	5,804	19.1	3,774	65.0
9.00–12.99	12,984	42.7	7,936	61.1
13.00–17.99	6.610	21.7	3,930	59.5
≥18	5.008	16.5	2.871	57.3
Median household income (U.S. \$)	- ,		1 -	
	2 143	70	1 272	59.4
41 000-47 999	5 164	17.0	3 041	58.9
48,000-55,000	8 132	26.7	1 086	61.3
>56 000	1/ 967	10.7	4,500 0,212	61.5
= 50,000	14,307	43.2	5,212	01.5
vvimout nealth insurance (%)	7 074	04.0	1 000	65.0
	7,371	24.2	4,808	00.2
0.UU-11.99	7,259	23.9	4,334	59.7
12.00-15.99	9,330	30.7	5,606	60.1
210	6,446	21.2	3,763	58.4
Subtotal ^a	31,682	100	19,171	60.5
Total	252,625	100	171,329	67.8

	Persons alive a	t year-end 2016	VL <200 c	opies/mL
	No.	%	No.	%
		Ot	ther ^c	
Male				
Below federal poverty level (%)				
<10	7,233	18.7	5,116	70.7
10.00–12.99	9,145	23.7	6,560	71.7
13.00–16.99	16,274	42.1	10,842	66.6
≥17	6,015	15.6	4,134	68.7
Less than high school diploma (%)				
<9	6,183	16.0	4,373	70.7
9.00-12.99	15.173	39.2	10.457	68.9
13.00–17.99	6.708	17.3	4,454	66.4
≥18	10.603	27.4	7.368	69.5
Median household income (U.S. \$)	,		.,	
	2 252	5.8	1 528	67 9
11 000_17 999	3 733	0.0 0.7	2 350	63.0
48,000-47,000	7 912	20.5	5 /31	68.6
>56 000	24 770	64.1	17 3/13	70.0
≥30,000	24,770	04.1	17,040	10.0
	10.206	26.4	7 276	70.0
<0 8.00, 11.00	10,200	20.4	1,370	12.3
8.00-11.99	8,193	21.2	0,07Z	08.0
12.00-15.99	13,609	30.2	9,251	08.0
210	6,659	17.2	4,453	66.9
Subtotal ^a	40,216	100	27,601	68.6
Female				
Below federal poverty level (%)				
<10	2,403	21.9	1,617	67.3
10.00–12.99	2,627	23.9	1,760	67.0
13.00–16.99	3,654	33.3	2,281	62.4
≥17	2,287	20.8	1,509	66.0
Less than high school diploma (%)				
<9	1,875	17.1	1,235	65.9
9.00–12.99	4,068	37.1	2,672	65.7
13.00–17.99	1,993	18.2	1,255	63.0
≥18	3,035	27.7	2,005	66.1
Median household income (U.S. \$)				
<41,000	962	8.8	639	66.4
41.000-47.999	1.363	12.4	837	61.4
48.000–55.999	2.594	23.6	1.705	65.7
≥56.000	6.052	55.2	3,986	65.9
Without health insurance (%)	-,		-,	
	2 837	25.9	1 938	68 3
8 00_11 99	2,007	20.0	1,500	64.8
12 00_15 00	2,420	24.1	2 262	65.0
>16	0, 4 02 0,006	20.3	2,202	62.7
	2,220	20.0	1,000	02.1 6E 0
Subiolal	11,435	100	1,438	0.00
Total	51,651	100	35,039	67.8

	Persons alive a	t year-end 2016	VL <200 copies/mL	
	No.	%	No.	%
		Tot	al	
Male				
Below federal poverty level (%)	~~~~~			o
<10	89,962	14.6	57,998	64.5
10.00–12.99	135,405	22.0	89,428	66.0
13.00–16.99	267,484	43.5	162,471	60.7
≥17	122,496	19.9	73,834	60.3
Less than high school diploma (%)				
<9	80,023	13.0	51,925	64.9
9.00–12.99	239,475	38.9	150,665	62.9
13.00–17.99	121,404	19.7	72,886	60.0
≥18	174,445	28.3	108,255	62.1
Median household income (U.S. \$)				
<41.000	46.273	7.5	28.082	60.7
41.000-47.999	85.761	13.9	50.668	59.1
48.000–55.999	144,356	23.5	89,643	62.1
≥56,000	338,957	55.1	215,338	63.5
Without health insurance (%)			,	
	122 582	10 0	80 353	65.6
8 00_11 99	122,002	10.8	76.064	62.6
12 00_15 00	221,009	36.1	136 /00	61.5
>16	140 306	24.2	00 824	60.8
	149,300	24.5	30,024	0.00
	037,258	100	390,099	0Z.Z
remaie				
Below federal poverty level (%)	00,404		40,400	04 5
	29,494	15.5	18,129	61.5
10.00–12.99	39,583	20.8	24,773	62.6
13.00–16.99	69,938	36.7	39,977	57.2
≥17	51,707	27.1	30,639	59.3
Less than high school diploma (%)				
<9	22,847	12.0	14,055	61.5
9.00–12.99	73,137	38.3	43,571	59.6
13.00–17.99	40,157	21.1	23,369	58.2
≥18	54,581	28.6	32,523	59.6
Median household income (U.S. \$)				
<41,000	21,118	11.1	12,733	60.3
41,000-47,999	31,295	16.4	17,829	57.0
48,000–55,999	50,917	26.7	30,500	59.9
≥56.000	87,392	45.8	52,456	60.0
Without health insurance (%)	- ,		,	
<8	35 320	18.5	22 224	62.9
8 00-11 99	38 289	20.1	22,221	59.3
12 00_15 99	65 650	34.4	38 086	59 <i>I</i>
>16	51 /5/	27 N	20,500	57.5
Subtotal ^a	107 <i>01</i> 0	100	117 161	50 /
	197,240	100	117,101	05.4
Total	834,498	100	513,260	61.5

Abbreviations: VL, viral load (copies/mL); SDH, social determinants of health [footnotes only].

Note. Data are based on address of residence as of December 31, 2016 (i.e., most recent known address).

A VL test result of <200 copies/mL indicates HIV viral suppression. VL test results are from the most recent test during 2016.

For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/ 2017_ACSSubjectDefinitions.pdf.

^a Because column subtotals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column subtotals. See Technical Notes for criteria used to define SDH subpopulations.

^b Hispanics/Latinos can be of any race.

^C Includes American Indian/Alaska Native, Asian, Native Hawaiian/other Pacific Islander, multiple races, and unknown races.

	Persons alive a	t year-end 2016	VL <200 copies/mL	
	No.	%	No.	%
		18–2	4	
Male				
Below federal poverty level (%)				
<10	2,992	12.9	1,773	59.3
10.00–12.99	4,139	17.9	2,449	59.2
13.00–16.99	10,587	45.8	5,576	52.7
≥17	5,419	23.4	2,952	54.5
Less than high school diploma (%)				
<9	2.800	12.1	1.643	58.7
9.00-12.99	8,478	36.6	4,692	55.3
13.00–17.99	5,487	23.7	2,984	54.4
≥18	6.372	27.5	3 431	53.8
Median household income (II S \$)	0,012	21.0	0,101	00.0
	2 075	9.0	1 063	51.2
41,000 47,000	2,075	5.0 16 /	2.064	51.2
48,000 55,000	6,000	26.8	2,004	53.1
40,000-33,333 >56 000	0,203	20.0	5,294	53.1
$\geq 50,000$	11,054	41.0	0,329	57.5
without health insurance (%)	0.100	40.0	4.045	04.4
<8	3,183	13.8	1,945	61.1
8.00-11.99	4,472	19.3	2,563	57.3
12.00–15.99	8,967	38.8	4,825	53.8
≥16	6,515	28.2	3,417	52.4
Subtotal ^a	24,010	100	13,226	55.1
Female				
Below federal poverty level (%)				
<10	842	13.8	446	53.0
10.00–12.99	1,138	18.7	560	49.2
13.00–16.99	2,437	40.0	1,070	43.9
≥17	1,679	27.5	812	48.4
Less than high school diploma (%)				
<9	699	11.5	380	54.4
9.00-12.99	2.212	36.3	1.036	46.8
13 00–17 99	1 343	22.0	631	47.0
≥18	1 842	30.2	841	45.7
Median household income (IIS \$)	1,012	00.2	011	10.1
	707	11 0	356	10 0
41,000 47,000	001	16.3	113	43.0
41,000-47,333	1 652	10.3	443	44.7
40,000-00,999 >EC 000	1,002	21.1	101	40.0
	2,720	44./	1,332	40.9
Without health insurance (%)	4 000	10.0		50.0
<8	1,033	16.9	557	53.9
8.00-11.99	1,139	18.7	554	48.6
12.00–15.99	2,192	36.0	1,011	46.1
≥16	1,732	28.4	766	44.2
Subtotal ^a	6,295	100	2,977	47.3
Total	30,305	100	16,203	53.5

	Persons alive a	t year-end 2016	VL <200 copies/mL	
	No.	%	No.	%
		25–3	4	
Male				
Below federal poverty level (%)	10,000	40 7	0.000	00 7
	13,232	13.7	8,026	60.7
10.00-12.99	18,708	19.3	11,404	61.0
13.00–16.99	44,928	46.4	25,434	56.6
≥17	20,059	20.7	11,650	58.1
Less than high school diploma (%)				
<9	12,648	13.0	7,566	59.8
9.00–12.99	35,766	36.9	20,868	58.3
13.00–17.99	20,397	21.0	11,566	56.7
≥18	28,116	29.0	16,514	58.7
Median household income (U.S. \$)				
<41,000	7,778	8.0	4,450	57.2
41,000-47,999	13,503	13.9	7,567	56.0
48.000–55.999	23,992	24.8	13.514	56.3
≥56.000	51.654	53.3	30,983	60.0
Without health insurance (%)	- ,		,	
<8	15 640	16 1	9 911	63 4
8 00-11 99	18 788	19.4	11 145	59.3
12 00_15 99	37 025	38.2	21 340	57.6
>16	25 474	26.3	14 118	55.4
Subtotal ^a	100 301	100	58 / 52	58 2
Female	100,331	100	50,452	50.2
Relaw foderal poverty level (%)				
	3 401	13.0	1 050	55 0
10 00 12 00	1 020	10.7	2,665	51.9
12.00 16.00	4,929	19.7	2,005	J4.1 47.0
_17 _17	10,094	40.0	4,741	47.0
	0,502	20.2	3,295	50.2
Less than high school diploma (%)	0.010	40.0	4.040	
<9	3,013	12.0	1,640	54.4
9.00–12.99	9,395	37.5	4,682	49.8
13.00–17.99	5,727	22.8	2,892	50.5
≥18	6,941	27.7	3,437	49.5
Median household income (U.S. \$)				
<41,000	2,740	10.9	1,371	50.0
41,000–47,999	4,353	17.4	2,091	48.0
48,000–55,999	7,057	28.1	3,459	49.0
≥56,000	10,926	43.6	5,730	52.4
Without health insurance (%)				
<8	3,855	15.4	2,157	56.0
8.00–11.99	4,680	18.7	2,467	52.7
12.00–15.99	8.806	35.1	4,383	49.8
≥16	7.735	30.8	3.644	47.1
Subtotal ^a	25 873	100	13 007	50.3
Total	126,010	100	71 / 50	56.6
ισιαι	120,204	100	11,439	00.0

	Persons alive a	t year-end 2016	VL <200 copies/mL	
	No.	%	No.	%
		35–4	4	
Below federal poverty level (%)	10 - 11		10,100	
<10	16,741	14.4	10,486	62.6
10.00–12.99	24,723	21.3	15,752	63.7
13.00–16.99	52,214	45.1	30,838	59.1
≥17	22,191	19.2	13,212	59.5
Less than high school diploma (%)				
<9	14,926	12.9	9,504	63.7
9.00–12.99	43,382	37.4	26,454	61.0
13.00–17.99	23.066	19.9	13,739	59.6
≥18	34,495	29.8	20,591	59.7
Median household income (U.S. \$)	- ,		-,	
<41 000	8 658	75	5 110	59.0
<u>11 000</u>	15 683	13.5	0,110 0,110	58.1
48,000-55,000	27 147	23 /	16 300	60.4
40,000−00,000 >56 000	6/ 381	23. 4 55.6	30 678	61.6
	04,301	55.0	39,070	01.0
without health insurance (%)	00 714	47.0	40.050	64.0
<8	20,714	17.9	13,250	64.0
8.00-11.99	22,095	19.1	13,720	62.1
12.00–15.99	42,991	37.1	25,728	59.8
≥16	30,069	26.0	17,584	58.5
Subtotal ^a	120,018	100	72,561	60.5
Female				
Below federal poverty level (%)				
<10	7,427	16.0	4,288	57.7
10.00–12.99	9,489	20.5	5,556	58.6
13.00–16.99	17,904	38.7	9,615	53.7
≥17	11,489	24.8	6,311	54.9
Less than high school diploma (%)				
<9	5 807	12.5	3 350	57 7
9 00-12 99	17 851	38.5	9,882	55.4
13 00_17 99	10 192	22.0	5 610	55.0
>18	12 459	26.9	6 928	55.6
Modian household income (U.S. \$)	12,400	20.0	0,020	00.0
	1 969	10 5	0 714	EE 0
<41,000 41,000 47,000	4,000	10.0	2,714	55.0 53.0
41,000-47,999	7,552	10.3	4,000	55.Z
48,000-55,999	12,811	21.1	7,116	55.5
≥56,000	21,098	45.6	11,934	56.6
Without health insurance (%)				
<8	7,713	16.7	4,545	58.9
8.00–11.99	8,866	19.1	4,907	55.3
12.00–15.99	16,130	34.8	8,962	55.6
≥16	13,600	29.4	7,356	54.1
Subtotal ^a	48,006	100	26,677	55.6
Total	168,024	100	99,238	59.1

	Persons alive at year-end 2016		VL <200 c	opies/mL
	No.	%	No.	%
 .		45-	-54	
Male				
Below federal poverty level (%)	~~~~		aa i = i	
<10	30,295	15.1	20,154	66.5
10.00–12.99	46,086	22.9	31,272	67.9
13.00–16.99	86,429	43.0	54,658	63.2
≥17	38,387	19.1	23,872	62.2
Less than high school diploma (%)				
<9	26,925	13.4	17,968	66.7
9.00–12.99	79,231	39.4	51,657	65.2
13.00–17.99	38.815	19.3	24,308	62.6
≥18	56,226	27.9	36,023	64.1
Median household income (U.S. \$)	00,0	2	00,020	•
	14 520	7 0	0 150	63.0
41,000 41,000 47,000	28 027	13.0	17 076	60.0
41,000–47,999 48,000 EE 000	20,027 46,905	10.0	20.459	00.9 65 1
40,000-00,9999	40,000	23.3 55.0	30,430	00.1
≥56,000	111,845	55.6	13,212	65.5
Without health insurance (%)				
<8	41,486	20.6	27,842	67.1
8.00–11.99	40,036	19.9	25,669	64.1
12.00–15.99	71,548	35.6	45,640	63.8
≥16	48,127	23.9	30,805	64.0
Subtotal ^a	208,442	100	134,153	64.4
Female				
Below federal poverty level (%)				
<10	9.711	15.8	6.169	63.5
10.00-12.99	13,071	21.3	8,401	64.3
13 00–16 99	21 713	35.4	13 153	60.6
>17	16 808	27.4	10,100	61.3
-17	10,000	21.4	10,002	01.0
	7 461	10.0	1 750	62.7
	7,401	12.2	4,700	03.7
9.00-12.99	23,590	38.5	14,047	02.1
13.00-17.99	12,872	21.0	7,768	60.3
≥18	17,374	28.3	10,854	62.5
Median household income (U.S. \$)				
<41,000	6,889	11.2	4,337	63.0
41,000–47,999	10,084	16.4	5,963	59.1
48,000–55,999	15,966	26.0	10,108	63.3
≥56,000	28,364	46.3	17,617	62.1
Without health insurance (%)				
<8	11.961	19.5	7.748	64.8
8.00–11.99	12.558	20.5	7.618	60.7
12.00–15.99	21 247	34.7	13 203	62 1
>16	15 537	25.3	9 456	60.9
 Subtotal ^a	63 388	100	20 JEU	61.0
	03,300	100	39,200	01.9
lotal	271,830	100	173,413	63.8

	Persons alive at year-end 2016		VL <200 copies/mL	
	No.	%	No.	%
M-1.		≥{	55	
Below federal poverty level (%)	00 700	45.0	47 550	05.0
<10	26,702	15.0	17,559	65.8
10.00-12.99	41,749	23.4	28,551	68.4
13.00–16.99	73,326	41.1	45,965	62.7
≥17	36,440	20.4	22,148	60.8
Less than high school diploma (%)				
<9	22,724	12.8	15,244	67.1
9.00–12.99	72,618	40.7	46,994	64.7
13.00–17.99	33,639	18.9	20,289	60.3
≥18	49.236	27.6	31,696	64.4
Median household income (U.S. \$)				
<41 000	13 242	74	8 309	62 7
41 000-47 999	24 743	13.9	14 851	60.0
18,000-55,999	40.209	22.6	25 987	64.6
>56 000	100 023	56 1	65.076	65 1
Without health incurance (%)	100,020	50.1	00,070	00.1
	11 FEO	12 2	27 200	65.0
	41,009	23.3	27,399	00.9
8.00-11.99	36,148	20.3	22,967	63.5
12.00–15.99	61,389	34.4	38,957	63.5
≥16	39,121	22.0	24,900	63.6
Subtotal ^a	184,397	100	117,707	63.8
Female				
Below federal poverty level (%)				
<10	8,023	15.4	5,276	65.8
10.00–12.99	10,956	21.1	7,591	69.3
13.00–16.99	17,790	34.3	11,398	64.1
≥17	15,169	29.2	9,919	65.4
Less than high school diploma (%)				
<9	5.867	11.3	3.929	67.0
9.00-12.99	20.083	38.7	13.324	66.3
13.00–17.99	10.023	19.3	6.468	64.5
≥18	15,965	30.7	10,463	65.5
Median household income (ILS_\$)	,	••••	,	0010
	5 894	11 3	3 955	67 1
/1 000_/7 999	8 335	16.0	5 326	63.0
48,000 55,000	13 / 31	25.0	0,020	67.5
→56 000	24 278	20.0	15 8/3	65.3
$\geq 50,000$	24,270	40.7	15,045	05.5
without health insurance (%)	10 750	00.7	7 047	67.4
NO	10,758	20.7	1,211	07.1
0.00-11.99	11,046	21.3	/,152	04.1
12.00–15.99	17,284	33.3	11,427	66.1
210	12,850	24./	8,388	65.3
Subtotal ^a	53,678	100	35,240	65.7
Total	238,075	100	152,947	64.2

Abbreviations: VL, viral load (copies/mL); SDH, social determinants of health [footnotes only].

Note. Data are based on address of residence as of December 31, 2016 (i.e., most recent known address).

A VL test result of <200 copies/mL indicates HIV viral suppression. VL test results are from the most recent test during 2016.

For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/ 2017_ACSSubjectDefinitions.pdf.

^a Because column subtotals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column subtotals. See Technical Notes for criteria used to define SDH subpopulations.

	Persons alive a	Persons alive at year-end 2016		VL <200 copies/mL	
	No.	%	No.	%	
		Male-to-male se	exual contact		
Male					
Below federal poverty level (%)					
<10	64,473	14.5	42,910	66.6	
10.00–12.99	97,407	21.8	66,729	68.5	
13.00–16.99	205,358	46.1	128,783	62.7	
≥17	78,655	17.6	49,696	63.2	
Less than high school diploma (%)					
<9	60,219	13.5	40.091	66.6	
9.00–12.99	173.612	38.9	113,116	65.2	
13.00-17.99	85,680	19.2	53,236	62.1	
≥18	126.382	28.3	81,676	64.6	
Median household income (U.S. \$)	,	20.0	e i jer e	••	
<41 000	28 158	63	17 615	62.6	
41,000 41,000_47,000	58 705	13.0	36 513	62.0	
48,000 55,000	103 034	13.Z 23.1	66 227	64.3	
40,000-55,999 >EC 000	255,006	ZJ. 1 E7 4	167 752	04.J	
	255,996	57.4	107,700	00.0	
Without health insurance (%)	00.004	40.0		00 4	
<8	86,094	19.3	58,896	68.4	
8.00–11.99	86,540	19.4	55,971	64.7	
12.00–15.99	164,728	36.9	104,473	63.4	
≥16	108,531	24.3	68,779	63.4	
Subtotal ^a	461,685	100	297,360	64.4	
Female					
Below federal poverty level (%)					
<10	_	_	_	_	
10.00–12.99	_	_	_	_	
13.00–16.99	_	_	_	—	
≥17	_	_	_	_	
Less than high school diploma (%)					
< 9	_	_	_	_	
9 00-12 99	_	_	_	_	
13 00_17 99	_			_	
>18		_			
Madian hausahald inaama (U.S. \$)					
<pre><41,000 41,000 41,000 47,000 </pre>	—	—	—	_	
41,000-47,999	—	_	_	_	
48,000-55,999	—	—	—	—	
≥56,000	_	—	—	—	
Without health insurance (%)					
<8	—	—	—	—	
8.00–11.99	_	—	—	—	
12.00–15.99	_	_	_	_	
≥16	_	_	_	_	
Subtotal ^a	_	—	_	—	
Total	461,685	100	297,360	64.4	

Table 11.	HIV viral suppression at most recent viral load test in 2016, among persons aged ≥18 years with HIV infection
	diagnosed by year-end 2015 and alive at year-end 2016, by transmission category, sex, and selected social
	determinants of health—county level, 41 states and the District of Columbia (cont)

	Persons alive a	Persons alive at year-end 2016		opies/mL
	No.	%	No.	%
		Injection d	rug use	
Male Balaw federal powerty lovel (%)				
Below federal poverty level (%)	9 633	15.0	4 705	EAE
< 10 10 00 10 00	0,03Z	10.2	4,705	54.5
10.00-12.99	11,584	20.4	0,300	54.9
13.00-16.99	19,801	34.9 00 F	9,591	48.4
≥1/	16,718	29.5	8,569	51.3
Less than high school diploma (%)				
< 9	6,048	10.7	3,346	55.3
9.00–12.99	21,150	37.3	10,984	51.9
13.00–17.99	12,364	21.8	6,177	50.0
≥18	17,173	30.3	8,718	50.8
Median household income (U.S. \$)				
<41,000	6,850	12.1	3,720	54.3
41,000–47,999	8,617	15.2	4,126	47.9
48,000–55,999	13,599	24.0	7,012	51.6
≥56,000	27,669	48.8	14,367	51.9
Without health insurance (%)				
<8	15.301	27.0	8.136	53.2
8.00–11.99	12.666	22.3	6.626	52.3
12.00-15.99	18.832	33.2	9.489	50.4
≥16	9,936	17.5	4,973	50.1
Subtotal ^a	58 810	100	30 122	51.2
Female	00,010	100	00,122	01.2
Below federal poverty level (%)				
	5 933	1/ 9	3 553	50 0
10 00_12 99	8 208	20.6	5,000	61.0
13 00_16 99	14 001	20.0	7 721	55 1
>17	11 7/9	29.5	6 593	56 1
= 17	11,749	23.5	0,000	50.1
	4 450	11.0	0.600	60.4
	4,450	11.2	2,000	00.4 50.0
9.00-12.99	14,700	30.9 00.0	0,004	00.Z
13.00–17.99 >10	0,003 14,070	22.2	4,830	54.0
	11,878	29.8	0,792	57.2
Median household income (U.S. \$)	1 005	40.0	0.007	50.4
<41,000 44,000 47,000	4,805	12.0	2,807	58.4
41,000-47,999	6,063	15.2	3,269	53.9
48,000–55,999	9,840	24.7	5,744	58.4
≥56,000	19,183	48.1	11,055	57.6
Without health insurance (%)				
<8	9,607	24.1	5,875	61.2
8.00–11.99	9,136	22.9	5,141	56.3
12.00–15.99	13,455	33.7	7,620	56.6
≥16	7,692	19.3	4,238	55.1
Subtotal ^a	41,284	100	23,550	57.0
Total	100.095	100	53.672	53.6

Table 11.	HIV viral suppression at most recent viral load test in 2016, among persons aged ≥18 years with HIV infection
	diagnosed by year-end 2015 and alive at year-end 2016, by transmission category, sex, and selected social
	determinants of health—county level, 41 states and the District of Columbia (cont)

	Persons alive at year-end 2016		VL <200 copies/mL	
	No.	%	No.	%
	Male-to-male sexual contact and injection drug use			
Male				
Below federal poverty level (%)	0.010		1 007	
<10	6,640	14.7	4,397	66.2
10.00–12.99	11,118	24.7	7,390	66.5
13.00–16.99	18,885	41.9	11,254	59.6
≥1/	8,423	18.7	5,156	61.2
Less than high school diploma (%)				
<9	6,359	14.1	4,159	65.4
9.00–12.99	17,739	39.4	11,412	64.3
13.00–17.99	9,246	20.5	5,483	59.3
≥18	11,722	26.0	7,143	60.9
Median household income (U.S. \$)				
<41,000	3,632	8.1	2,302	63.4
41,000–47,999	6,012	13.3	3,498	58.2
48,000–55,999	9,739	21.6	6,021	61.8
≥56,000	25,682	57.0	16,376	63.8
Without health insurance (%)				
<8	9.972	22.1	6.715	67.3
8.00–11.99	9.524	21.1	6.115	64.2
12.00–15.99	16.333	36.2	9,868	60.4
≥16	9 237	20.5	5 499	59.5
Subtotal ^a	46 704	100	29,098	62.3
Eemale	10,101	100	20,000	02.0
Below federal poverty level (%)				
<10	_	_	_	_
10 00–12 99	_	_	_	_
13 00-16 99	_	_	_	_
>17	_	_	_	_
= 17				
	—	—	_	_
9.00-12.99	—	—	_	_
13.00-17.99	—	_	_	_
	—	_	_	_
Median household income (U.S. \$)				
<41,000 41,000 47,000	—	—	—	—
41,000-47,999	—	—	—	—
48,000–55,999	_	_	_	_
≥50,000	_	_	_	_
Without health insurance (%)				
<8	—	—	—	—
8.00–11.99	_	_	_	_
12.00–15.99	_	_	_	_
≥16	_	_	_	_
Subtotal ^a	—	—	—	—
[oto]	46 704	100	20 008	62 3

Table 11.	HIV viral suppression at most recent viral load test in 2016, among persons aged ≥18 years with HIV infection
	diagnosed by year-end 2015 and alive at year-end 2016, by transmission category, sex, and selected social
	determinants of health—county level, 41 states and the District of Columbia (cont)

No. % No. %	VL <200 copies/mL	
Heterosexual contact ^b		
Male		
Below federal poverty level (%)		
<10 9,162 14.7 5,363 58.	5	
10.00–12.99 14,146 22.7 8,326 58.	9	
13.00–16.99 21,618 34.7 11,938 55.	2	
≥17 17,315 27.8 9,799 56.	6	
Less than high school diploma (%)		
<9 6 556 10 5 3 831 58	4	
9 00–12 99 24 964 40 1 14 104 56	5	
13 00 12.00 1 17,104 00.	2	
>18 17 620 28 3 10 000 56	<u>-</u>	
$\frac{1}{1}$	5	
Median nousehold income (0.5. \$)	c	
< 41,000 7,010 11.3 4,176 59.	о О	
41,000-47,999 11,066 18.7 6,177 52.	1	
48,000-55,999 16,688 26.8 9,714 58.	2	
≥56,000 26,877 43.2 15,357 57.	1	
Without health insurance (%)		
<8 9,915 15.9 5,870 59.	2	
8.00–11.99 11,570 18.6 6,676 57.	7	
12.00–15.99 20,213 32.5 11,771 58.	2	
≥16 20,544 33.0 11,109 54.	1	
Subtotal ^a 64,417 100 36,652 56.	9	
Female		
Below federal poverty level (%)		
<10 22.742 15.6 14.131 62	1	
10.00–12.99 30.314 20.8 19.199 63.	3	
13 00-16 99 54 327 37 2 31 476 57	9	
>17 38 570 26 4 23 370 60	6	
	5	
	0	
> 3 11/142 12.2 10,555 02. 0 00 12 00 5€ €€ 4 22 0 24 121 €0	ე ე	
9.00-12.99 30,004 30.0 34,131 00. 12.00 17.00 20.427 20.0 19.146 50.	2 E	
15.00-17.99 50,457 20.9 16,110 59.	5	
	5	
Median household income (U.S. \$)	•	
<41,000 15,711 10.8 9,624 61.	3	
41,000-47,999 24,537 16.8 14,247 58.	1	
48,000–55,999 39,874 27.3 24,155 60.	õ	
≥56,000 65,831 45.1 40,149 61.	D	
Without health insurance (%)		
<8 24,647 16.9 15,753 63.	9	
8.00–11.99 28,132 19.3 17,055 60.	ô	
12.00–15.99 50,491 34.6 30,509 60.	4	
≥16 42,682 29.2 24,859 58.	2	
Subtotal ^a 150,912 100 91.076 60.	4	
Total 215.329 100 127.728 59	3	

Abbreviations: VL, viral load (copies/mL); SDH, social determinants of health [footnotes only].

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis.

Data are based on address of residence as of December 31, 2016 (i.e., most recent known address).

Data have been statistically adjusted to account for missing transmission category.

A VL test result of <200 copies/mL indicates HIV viral suppression. VL test results are from the most recent test during 2016.

For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/ 2017_ACSSubjectDefinitions.pdf.

^a Because column subtotals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column subtotals. See Technical Notes for criteria used to define SDH subpopulations.

^b Heterosexual contact with a person known to have, or to be at high risk for, HIV infection.