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Social Determinants of Health Among Adults with Diagnosed HIV Infection, 2018



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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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Guide to Acronyms and Initialisms

| | |
|------|--|
| ACS | American Community Survey |
| AIDS | acquired immunodeficiency syndrome |
| CD4 | CD4+ T-lymphocyte count (cells/ μ L) or percentage |
| CDC | Centers for Disease Control and Prevention |
| EHE | Ending the HIV Epidemic: A Plan for America |
| HHS | United States Department of Health and Human Services |
| HIV | human immunodeficiency virus |
| NHSS | National HIV Surveillance System |
| NIR | no identified risk factor |
| SDH | social determinants of health |
| SES | socioeconomic status |
| VA | United States Department of Veterans Affairs |



Overview

HIV continues to disproportionately affect various populations in the United States. To accelerate action to end the HIV epidemic, the U.S. Department of Health and Human Services (HHS) has developed a plan to reduce new HIV infections in the United States—the Ending the HIV Epidemic: A Plan for America (EHE) initiative [1]. Differences in HIV burden, by sex, race/ethnicity (i.e., Blacks/African Americans, Hispanics/Latinos, and whites), and transmission category, 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 contribute to disparities 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 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.

The Centers for Disease Control and Prevention (CDC) incorporates geocoding of HIV surveillance data by state and local HIV surveillance programs, with the purpose to capture, store, analyze, and display geocoded HIV surveillance data along with SDH indicators that may affect HIV transmission. 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 increases CDC's 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. Addressing the SDH that adversely affect health outcomes may advance efforts in reducing disparities in HIV diagnosis rates between populations.

This surveillance supplemental report presents data on persons aged 18 years and older with HIV infection diagnosed in 2018 and reported to the National HIV Surveillance System (NHSS) through December 2019. 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 the U.S. Census Bureau's ACS. The numbers, percentages, and rates of diagnoses of HIV infection were based on data reported to CDC from the 50 states, District of Columbia, and Puerto Rico after the jurisdictions geocoded cases to the census tract level, linked to ACS estimates, and transmitted SDH information to CDC on cases diagnosed during 2018.

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 2014–2018 ACS and are based on where the person was living at the time of diagnosis. The following are the measures for the 5 SDH indicators presented in this report: **federal poverty status, education level, median household income, health insurance coverage, and Gini index.**

Report Changes

- New, digital format that includes figures.
- Gini index added to measure income inequality.
- Viral suppression within 6 months of HIV diagnosis added (Tables 10a–10d).
- Data included in the previous surveillance supplemental report, Part B: County-level Social Determinants of Health, Selected Care Outcomes, and Diagnosed HIV Infection 41 States and the District of Columbia, are no longer included.
- Special focus profile section added that addresses health disparities along with income inequality and factors for special consideration in addressing health disparities.
- Census tract-level, ACS SDH data (for the 50 states, the District of Columbia, and Puerto Rico) are displayed in supplemental tables (S1–S5). These data were obtained directly from the U.S. Census Bureau’s 2014–2018 ACS estimates.
- Census tract-level diagnoses of HIV infection, by race/ethnicity, selected characteristics, and selected SDH are displayed in appendix tables (A1–B3).

National SDH Profile

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 2014–2018, and HIV surveillance data are based on diagnoses of HIV infection in 2018 among adults in the 50 states, the District of Columbia, and Puerto Rico. Data on linkage to HIV medical care and viral suppression within 6 months of HIV diagnosis are for 42 jurisdictions with complete reporting of CD4s and viral loads to CDC (see Technical Notes for list of jurisdictions).

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 and/or selected characteristics may be correlated (e.g., lack of education has been associated with both poverty and low income in the United States [3,4]), but correlations of indicators and/or characteristics were not assessed for this report.

Important note. The statements in the sections on linkage to care and viral suppression 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.

Diagnoses of HIV Infection—Overview

In the 50 states, the District of Columbia, and Puerto Rico, HIV infection was diagnosed for 33,087 adults (aged 18 years and older) whose residential address information was sufficient for geocoding to the census tract level (Table 1). These diagnoses represent approximately 89.5% of all diagnoses of HIV infection in 2018 among adults in these areas. The overall rate of diagnoses of HIV infection was 13.1. The HIV diagnosis rate was 21.9 for males and 4.8 for females (Table 1).

Linkage to HIV medical care was based on data for persons with infection diagnosed during 2018 in 42 jurisdictions that reported complete CD4 and viral load test results to CDC. Of the 29,100 adults whose infection was diagnosed during 2018 in the 42 jurisdictions, 80.7% (23,490) were linked to HIV medical care ≤ 1 month after diagnosis, and 88.3% (25,695) were linked to HIV medical care ≤ 3 months after diagnosis (Table 9a).

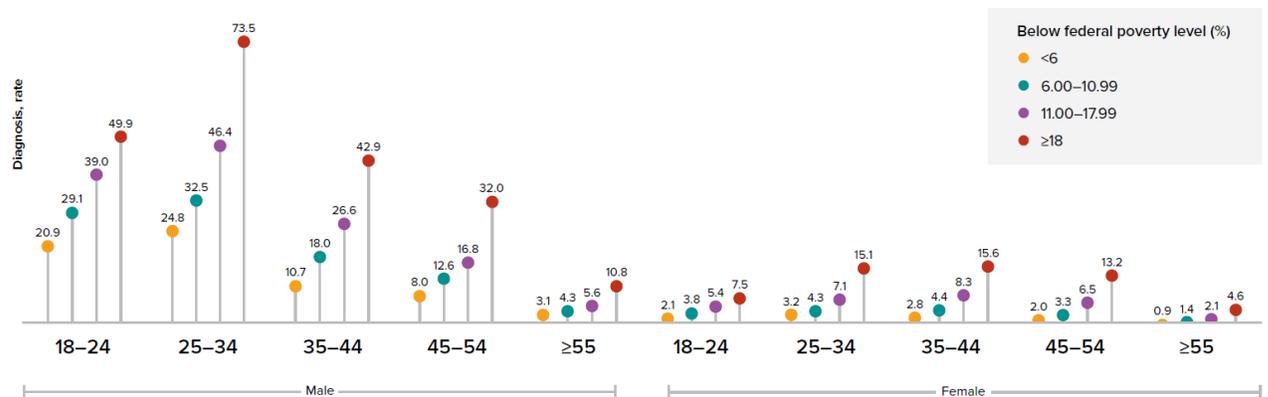
Viral suppression within 6 months of HIV diagnosis was measured for persons whose infection was diagnosed during 2018 and who resided in the 42 jurisdictions at time of diagnosis. Of the 29,100 adults whose infection was diagnosed during 2018 in the 42 jurisdictions, 67.9% (19,749 adults) had viral suppression within 6 months (Table 10a).

Federal Poverty Status

Sex at birth: The highest HIV diagnosis rate for males (39.7) and for females (10.1) were among those who lived in census tracts where 18% or more of the residents lived below the federal poverty level. For both sexes, the rate of HIV diagnoses increased as the percentages of residents living below the federal poverty level increased (Table 1).

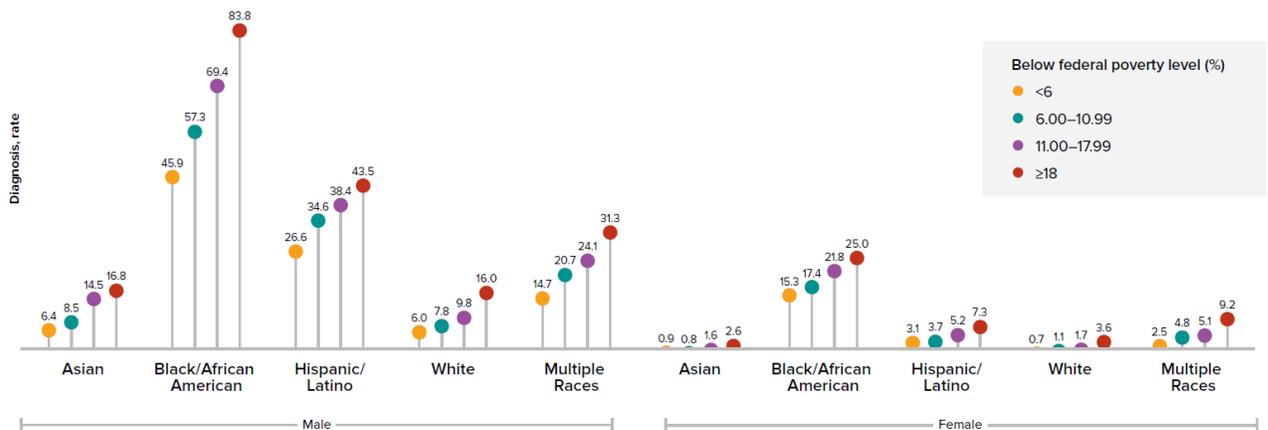
Age group: Persons who lived in census tracts where 18% or more of the residents lived below the federal poverty level accounted for the highest HIV diagnoses rates for both sexes in all age groups (Figure 1 and Table 2).

Figure 1. Diagnoses of HIV infection among adults, by age at diagnosis, sex at birth, and federal poverty status, 2018—census tract level, United States and Puerto Rico



Race/ethnicity: Persons who lived in census tracts where 18% or more of the residents lived below the federal poverty level accounted for the highest HIV diagnosis rates for both sexes in all racial/ethnic groups (Figure 2 and Table 1). Please use caution when interpreting data for American Indians/Alaska Natives and Native Hawaiian/other Pacific Islanders due to most rates being based on small case counts.

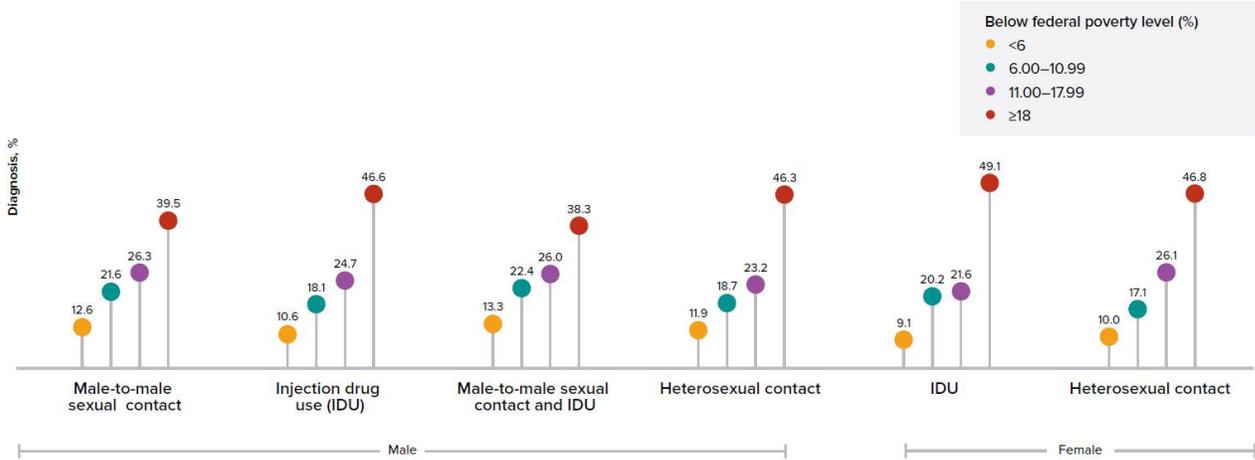
Figure 2. Diagnoses of HIV infection among adults, by race/ethnicity, sex at birth, and federal poverty status, 2018—census tract level, United States and Puerto Rico



Note. Hispanics/Latinos can be of any race.

Transmission category: Persons who lived in census tracts where 18% 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 (Figure 3 and Table 3).

Figure 3. Diagnoses of HIV infection among adults, by transmission category, sex at birth, and federal poverty status, 2018—census tract level, United States and Puerto Rico



Note. Data have been statistically adjusted to account for missing transmission category. See Data Tables, Definitions, and Acronyms for more information on transmission categories.

Area of residence: Among persons who lived in census tracts where 18% or more of the residents lived below the federal poverty level, the areas with the highest rates of HIV diagnoses were the District of Columbia (total, 57.7; males, 87.6; females, 32.9), followed by Florida (total, 50.9; males, 80.9; females, 22.6) (Table 4). Use caution when comparing the rates of diagnoses for the District of Columbia to the rates for states.

Linkage to care: In 42 jurisdictions with complete reporting of laboratory data to CDC, overall, the lowest percentages linked to HIV medical care ≤1 month after receiving a diagnosis in 2018 were among persons who lived in census tracts with the highest poverty for both males (79.0%) and females (78.0%) (Table 9a). By race/ethnicity, the lowest percentages were among those who lived in census tracts with the highest poverty for both sexes in all racial/ethnic groups (Table 9a). By age group, the lowest percentages were among those who lived in census tracts with the highest poverty for both sexes in all age groups (except females aged 45–54 years where the lowest percentage was among those who lived in census tracts with the lowest poverty) (Table 9b). By transmission category, the lowest percentages were among those who lived in census tracts with the highest poverty for both sexes in all transmission categories (except for males with infection attributed to male-to-male sexual contact *and* injection drug use) (Table 9c). Among males with infection attributed to male-to-male sexual contact by race/ethnicity, the lowest percentages were among Hispanics/Latinos (82.3%) and whites (83.3%) who lived in census tracts with the highest poverty (Table 9d).

Viral suppression: In 42 jurisdictions with complete reporting of laboratory data to CDC, overall, the lowest percentages of viral suppression within 6 months of diagnosis among persons with HIV diagnosed during 2018 were among those who lived in census tracts with the highest poverty for both males (65.1%) and females (63.1%) (Table 10a). By race/ethnicity, the lowest percentages were among those who lived in census tracts with the highest poverty for both sexes for Blacks/African Americans, Hispanics/Latinos, and whites (Table 10a). By age group, the lowest percentages were among those who lived in census tracts with the highest poverty for both sexes in all age groups (Table 10b). By transmission category, the lowest percentages were among those who lived in census tracts with the highest poverty for both sexes and all transmission categories (except among males with infection attributed to injection drug use) (Table 10c). Among males with infection attributed

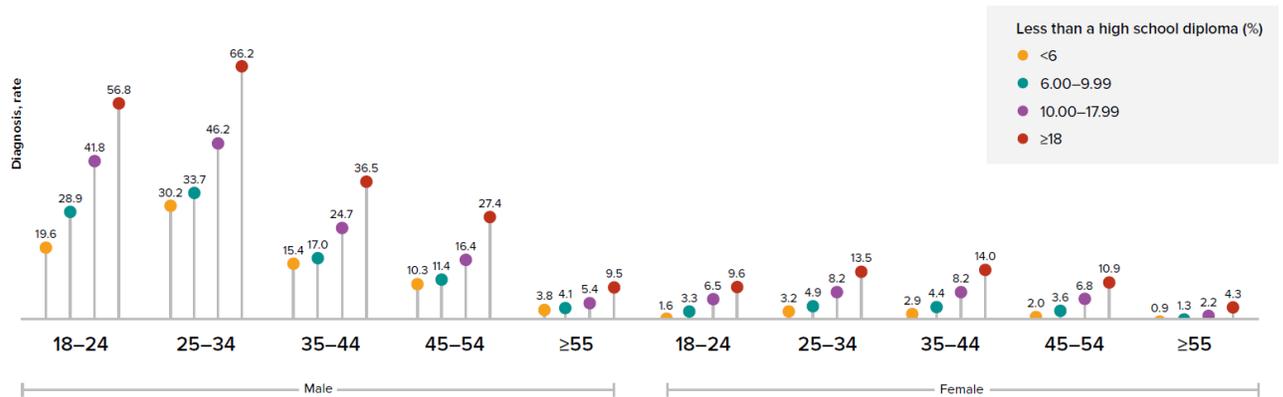
to male-to-male sexual contact by race/ethnicity, the lowest percentages were among males who lived in census tracts with the highest poverty for Blacks/African Americans (61.5%), Hispanics/Latinos (72.3%), and whites (69.4%) (Table 10d).

Education Level

Sex at birth: The highest HIV diagnosis rate for males (36.0) and for females (9.5) were among those who lived in census tracts where 18% or more of the residents had less than a high school diploma (Table 1). For both sexes, the rate of HIV diagnoses increased as the percentages of residents with less than a high school diploma increased.

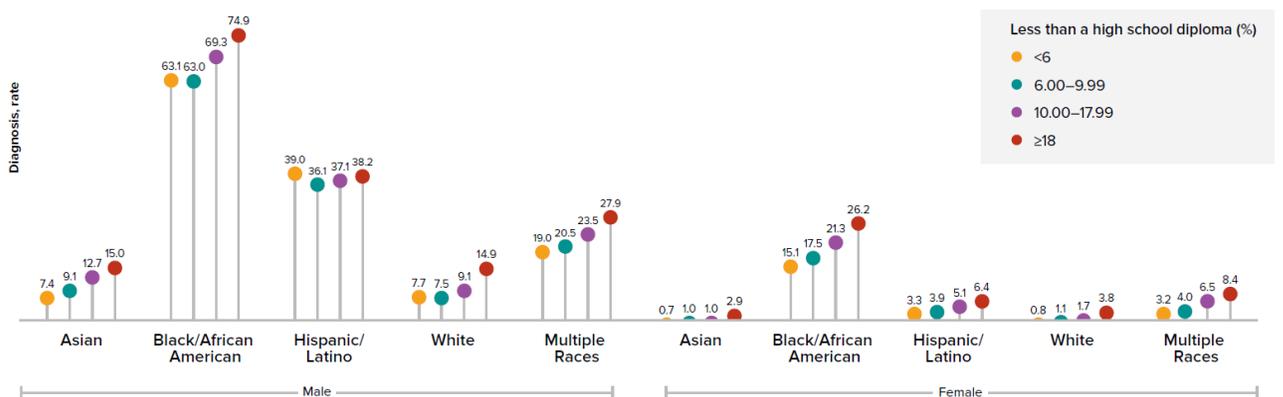
Age group: Persons who lived in census tracts where 18% or more of the residents had less than a high school diploma accounted for the highest HIV diagnoses rates for both sexes in all age groups (Figure 4 and Table 2).

Figure 4. Diagnoses of HIV infection among adults, by age at diagnosis, sex at birth, and education level, 2018—census tract level, United States and Puerto Rico



Race/ethnicity: 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 for both sexes in all racial/ethnic groups (Figure 5 and Table 1). Please use caution when interpreting data for American Indians/Alaska Natives and Native Hawaiian/other Pacific Islanders due to most rates being based on small case counts.

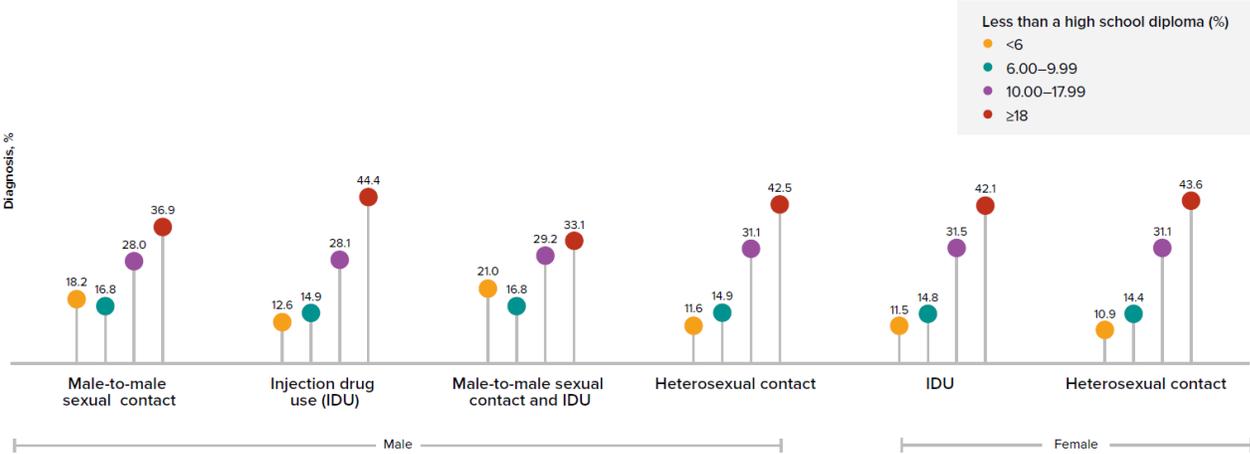
Figure 5. Diagnoses of HIV infection among adults, by race/ethnicity, sex at birth, and education level, 2018—census tract level, United States and Puerto Rico



Note. Hispanics/Latinos can be of any race.

Transmission category: 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 (Figure 6 and Table 3).

Figure 6. Diagnoses of HIV infection among adults, by transmission category, sex at birth, and education level, 2018—census tract level, United States and Puerto Rico



Note. Data have been statistically adjusted to account for missing transmission category. See Data Tables, Definitions, and Acronyms for more information on transmission categories.

Area of residence: Among persons who lived in census tracts where 18% or more of the residents had less than a high school diploma, the areas with the highest rates of HIV diagnoses were the District of Columbia (total, 64.8; males, 96.4; females, 36.3), followed by Florida (total, 46.2; males, 69.2; females, 23.1) (Table 5). Use caution when comparing the rates of diagnoses for the District of Columbia to the rates for states.

Linkage to care: In 42 jurisdictions with complete reporting of laboratory data to CDC, overall, the lowest percentages of linkage ≤ 1 month after diagnosis among persons with HIV diagnosed in 2018 were among those who lived in census tracts with the 2 lowest education levels for both sexes (Table 9a). By race/ethnicity, the lowest percentages were among those who lived in census tracts with the lowest education for Hispanic/Latino males (82.1%), white males (82.1%) and white females (71.4%); and the highest education for Hispanic/Latino females (79.5%) (Table 9a). By age group, the lowest percentages were among those who lived in census tracts with the lowest education for both sexes for those aged 18–24 and ≥ 45 years, and females aged 25–34 years; and highest education for females aged 35–44 years (Table 9b). By transmission category, the lowest percentages were among those who lived in census tracts with the lowest education for both sexes and all transmission categories (except for males with infection attributed to male-to-male sexual contact or to heterosexual contact) (Table 9c). Among males with infection attributed to male-to-male sexual contact and who lived in census tracts with the lowest education, the lowest percentages by race/ethnicity were among Hispanics/Latinos (82.4%) and whites (84.0%) (Table 9d).

Viral suppression: In 42 jurisdictions with complete reporting of laboratory data to CDC, overall, the lowest percentages of viral suppression within 6 months of diagnosis among persons with HIV diagnosed during 2018 were among those who lived in census tracts with the lowest education for both males (66.1%) and females (64.5%) (Table 10a). By race/ethnicity, the lowest percentages were among those who lived in census tracts with the lowest education for both sexes and Blacks/African Americans, Hispanics/Latinos, and whites (Table 10a). By age group, the lowest percentages were among those who lived in census tracts with the lowest education for males aged ≥ 25 and females aged 18–44 years (Table 10b). By transmission category, the lowest percentages were among those who lived in census tracts with the lowest education for male-to-male sexual contact and heterosexual contact for both sexes (Table 10c). Among males with infection attributed to male-to-male

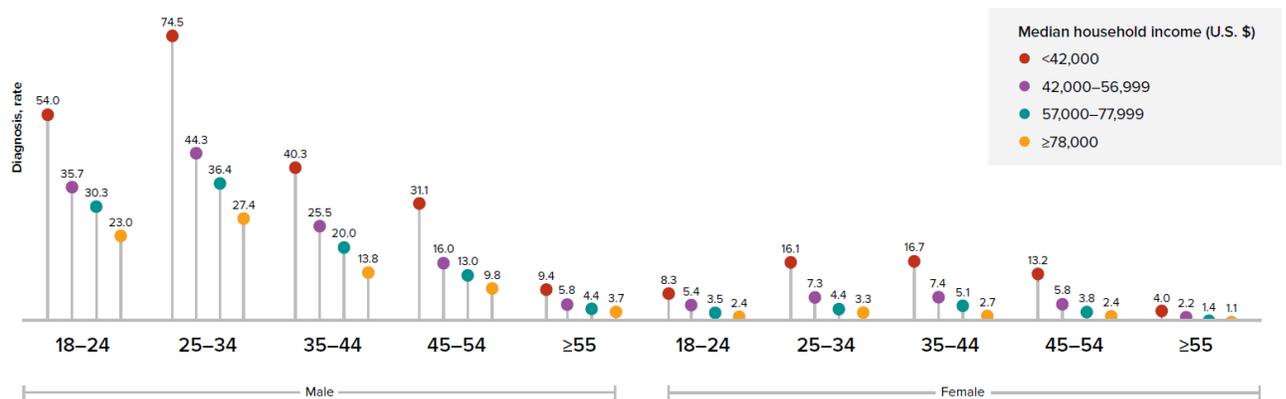
sexual contact by race/ethnicity, the lowest percentages were among males who lived in census tracts with the lowest education for Blacks/African Americans (61.4%), Hispanics/Latinos (71.5%), and whites (70.2%) (Table 10d).

Median Household Income

Sex at birth: The highest HIV diagnosis rate for males (38.4) and for females (10.2) were among those who lived in census tracts where the median household income was less than \$42,000 a year (Table 1). For both sexes, the rate of HIV diagnoses decreased as median household incomes increased.

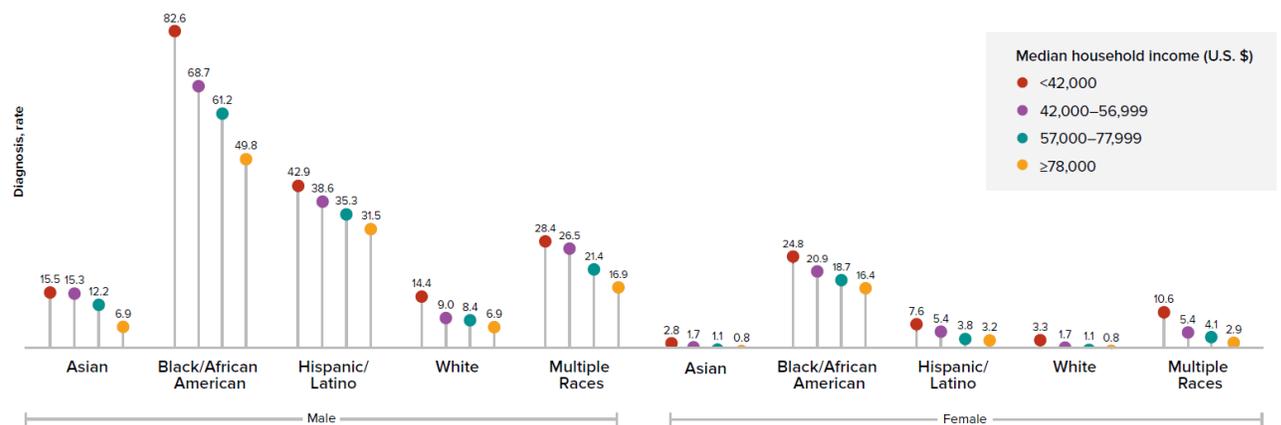
Age group: Persons who lived in census tracts where the median household income was less than \$42,000 a year accounted for the highest HIV diagnoses rates for both sexes in all age groups (Figure 7 and Table 2).

Figure 7. Diagnoses of HIV infection among adults, by age at diagnosis, sex at birth, and median household income, 2018—census tract level, United States and Puerto Rico



Race/ethnicity: Persons who lived in census tracts where the median household income was less than \$42,000 a year accounted for the highest HIV diagnosis rates for both sexes in all racial/ethnic groups (Figure 8 and Table 1). Please use caution when interpreting data interpreting data for American Indians/Alaska Natives and Native Hawaiian/other Pacific Islanders due to most rates being based on small case counts.

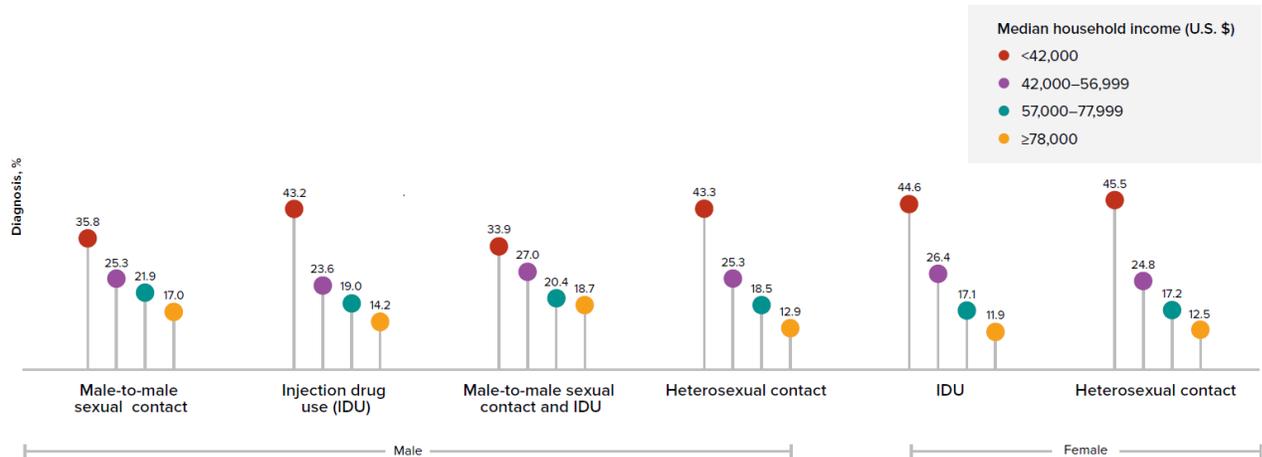
Figure 8. Diagnoses of HIV infection among adults, by race/ethnicity, sex at birth, and median household income, 2018—census tract level, United States and Puerto Rico



Note. Hispanics/Latinos can be of any race.

Transmission category: Persons who lived in census tracts where the median household income was less than \$42,000 a year accounted for the largest percentage of HIV diagnoses for both sexes and in all transmission categories (Figure 9 and Table 3).

Figure 9. Diagnoses of HIV infection among adults, by transmission category, sex at birth, and median household income, 2018—census tract level, United States and Puerto Rico



Note. Data have been statistically adjusted to account for missing transmission category. See Data Tables, Definitions, and Acronyms for more information on transmission categories.

Area of residence: Among persons who lived in census tracts where the median household income was less than \$42,000 a year, the area with the highest rates of HIV diagnoses were the District of Columbia (total, 71.3; males, 110.4; females, 42.1), followed by Maryland (total, 46.1; males, 77.3) and Louisiana for females (23.8) (Table 6). Use caution when comparing the rates of diagnoses for the District of Columbia to the rates for states.

Linkage to care: In 42 jurisdictions with complete reporting of laboratory data to CDC, overall, the lowest percentages of persons linked to HIV medical care ≤ 1 month after receiving a diagnosis in 2018 were among those who lived in census tracts with lowest income for both males (78.4%) and females (78.4%) (Table 9a). By race/ethnicity, the lowest percentages were among those who lived in census tracts with the lowest income for both sexes for Blacks/African Americans, Hispanics/Latinos, and whites (Table 9a). By age group, the lowest percentages were among those who lived in census tracts with the lowest income for males aged 18–54 years and females aged 25–44 and ≥ 55 years; and highest income for females aged 18–24 years (Table 9b). By transmission category, the lowest percentages were among those who lived in census tracts with the lowest income for both sexes and all transmission categories (except for infection attributed to male-to-male sexual contact *and* injection drug use) (Table 9c). Among males with infection attributed to male-to-male sexual contact by race/ethnicity, the lowest percentages were among males who lived in census tracts with the lowest income for Blacks/African Americans (76.0%), Hispanics/Latinos (81.7%), and whites (83.3%) (Table 9d).

Viral suppression: In 42 jurisdictions with complete reporting of laboratory data to CDC, overall, the lowest percentages of viral suppression within 6 months of diagnosis among persons with HIV diagnosed during 2018 were among those who lived in census tracts with the lowest income for both males (63.9%) and females (62.9%) (Table 10a). By race/ethnicity, the lowest percentages were among those who lived in census tracts with the lowest income for both sexes and Blacks/African Americans, Hispanics/Latinos, and whites (Table 10a). By age group, the lowest percentages were among those who lived in census tracts with the lowest income for both sexes in all age groups (except females aged 45–54 years) (Table 10b). By transmission category, the lowest percentages were among those who lived in census tracts with the lowest income for both sexes and all transmission categories (for infection attributed to male-to-male sexual contact *and* injection drug use, the lowest percentages were the 2 lowest levels of income) (Table 10c). Among males with infection attributed to male-

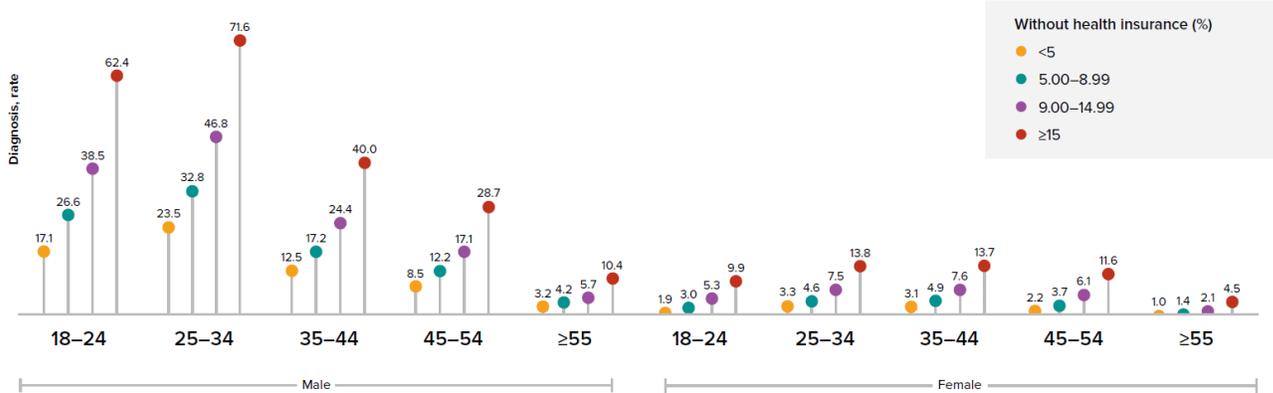
to-male sexual contact by race/ethnicity, the lowest percentages were among males who lived in census tracts with the lowest income for Blacks/African Americans (60.8%), Hispanics/Latinos (70.7%), and whites (69.2%) (Table 10d).

Health Insurance Coverage

Sex at birth: The highest HIV diagnosis rate for males (39.5) and for females (9.8) were among those who lived in census tracts where 15% or more of the residents did not have health insurance or health coverage plan (hereafter referred to as health insurance coverage) (Table 1). For both sexes, the rate of HIV diagnoses increased as the percentages of residents without health insurance coverage increased.

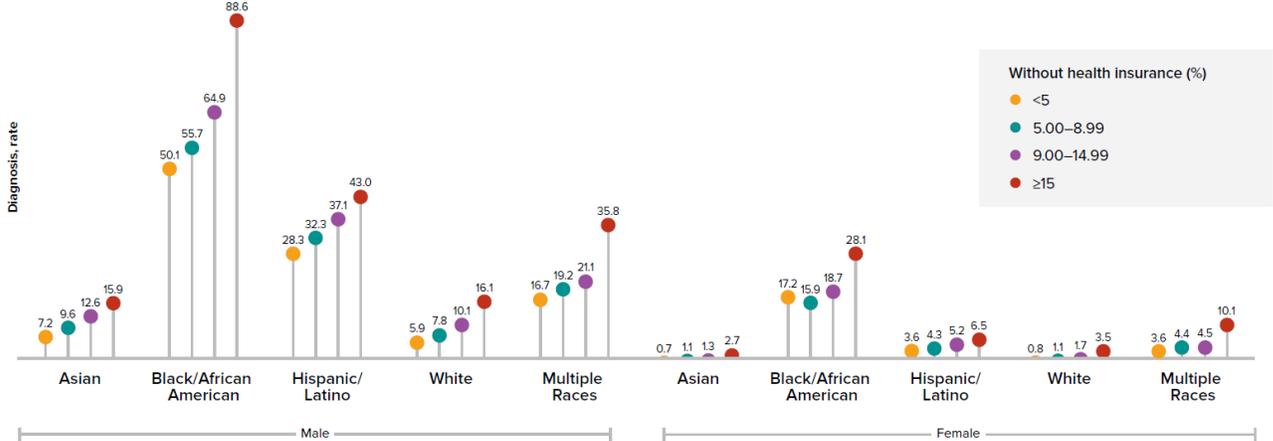
Age group, by sex at birth: Persons who lived in census tracts where 15% or more of the residents did not have health insurance coverage accounted for the highest HIV diagnoses rates for both sexes in all age groups (Figure 10 and Table 2).

Figure 10. Diagnoses of HIV infection among adults, by age at diagnosis, sex at birth, and health insurance coverage, 2018—census tract level, United States and Puerto Rico



Race/ethnicity, by sex at birth: Persons who lived in census tracts where 15% or more of the residents did not have health insurance coverage accounted for the highest HIV diagnosis rates for both sexes in all racial/ethnic groups (Figure 11 and Table 1). Please use caution when interpreting data for American Indians/Alaska Natives and Native Hawaiian/other Pacific Islanders due to most rates being based on small case counts.

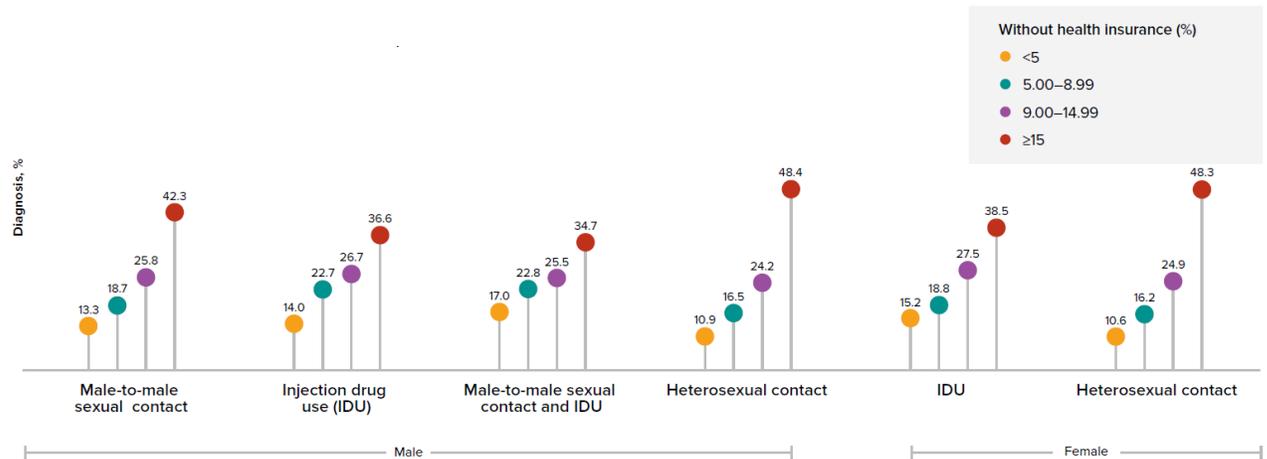
Figure 11. Diagnoses of HIV infection among adults, by race/ethnicity, sex at birth, and health insurance coverage, 2018—census tract level, United States and Puerto Rico



Note. Hispanics/Latinos can be of any race.

Transmission category: Persons who lived in census tracts where 15% or more of the residents did not have health insurance coverage accounted for the largest percentage of HIV diagnoses for both sexes and in all transmission categories (Figure 12 and Table 3).

Figure 12. Diagnoses of HIV infection among adults, by transmission category, sex at birth, and health insurance coverage, 2018—census tract level, United States and Puerto Rico



Note. Data have been statistically adjusted to account for missing transmission category. See Data Tables, Definitions, and Acronyms for more information on transmission categories.

Area of residence: Among persons who lived in census tracts where 15% or more of the residents did not have health insurance coverage, the areas with the highest rates of HIV diagnoses were Maryland (total, 42.6; females, 27.2) and Florida for males (61.8), followed by Florida for total (39.1), Georgia for males (59.5), and Louisiana for females (18.7) (Table 7). Use caution when comparing the rates of diagnoses for the District of Columbia to the rates for states.

Linkage to care: In 42 jurisdictions with complete reporting of laboratory data to CDC, overall, the lowest percentages of persons linked to HIV medical care ≤ 1 month after receiving a diagnosis in 2018 were among those who lived in census tracts with the 2 lowest health insurance coverage levels for both sexes (Table 9a). By race/ethnicity, the lowest percentages were among those who lived in census tracts with the lowest health insurance coverage for Black/African American males (74.7) and females (78.2%), Hispanic/Latino males (82.1%) and females (81.0%), and white males (82.1%) (Table 9a). By age group, the lowest percentages were among those who lived in census tracts with the lowest health insurance coverage for both sexes in all age groups (except for females aged ≥ 55 years) (Table 9b). By transmission category, the lowest percentages were among those who lived in census tracts with the lowest health insurance coverage for both sexes and all transmission categories (except for females with infection attributed to injection drug use) (Table 9c). Among males with infection attributed to male-to-male sexual contact by race/ethnicity, the lowest percentages were among males who lived in census tracts with the lowest health insurance coverage for Blacks/African Americans (75.2%), Hispanics/Latinos (82.5%), and whites (83.8%) (Table 9d).

Viral suppression: In 42 jurisdictions with complete reporting of laboratory data to CDC, overall, the lowest percentages of viral suppression within 6 months of diagnosis among persons with HIV diagnosed during 2018 were among those who lived in census tracts with the lowest health insurance coverage for both males (64.9%) and females (63.8%) (Table 10a). By race/ethnicity, the lowest percentages were among those who lived in census tracts with the lowest health insurance coverage for both sexes in Blacks/African Americans, Hispanics/Latinos, and white males (Table 10a). By age group, the lowest percentages were among those who lived in census tracts with the lowest health insurance coverage for both sexes in all age groups (Table 10b). By transmission category, the lowest percentages were among those who lived in census tracts with the lowest health

insurance coverage for both sexes and all transmission categories (Table 10c). Among males with infection attributed to male-to-male sexual contact by race/ethnicity, the lowest percentages were among males who lived in census tracts with the lowest health insurance coverage for Blacks/African Americans (59.7%), Hispanics/Latinos (71.7%), and whites (69.7%) (Table 10d).



Special Focus Profiles

The Special Focus Profiles highlight disparities of HIV diagnoses rates by SDH variables including income inequality and factors for special consideration in addressing health disparities that may be of particular interest to HIV prevention programs in state and local health departments.

Health Disparities

Health disparities are avoidable differences in the incidence, prevalence, mortality, and causes of a disease and the related adverse health conditions that exist among specific population groups. Reducing health disparities, achieving health equity, and improving the health of all U.S. population groups are major goals of public health.

Most health disparities are related to social determinants of health, the conditions in which people are born, grow, live, work, and age. Identification and awareness of differences among populations regarding health determinants and health outcomes are essential steps toward reducing health disparities. Most recent CDC reports show disparities by selected characteristics in many of the EHE initiative core indicators. Success in achieving the goal of the EHE initiative will be determined to some extent by how effectively federal, state, and local agencies and private organizations work with communities to eliminate health disparities among populations experiencing a disproportionate burden of disease, disability, and death.

This report includes two types of measures of disparities—absolute and relative. The absolute rate difference and the relative disparities (also known as, the diagnosis disparity ratio) were chosen because these measures are used by federal initiatives to measure progress in the social determinants of health and HIV diagnosis indicators. The absolute rate difference is a simple arithmetic difference that measures the absolute disparity between two groups for the same health status indicators (i.e., difference between the Black/African American rate and the white rate). The relative disparity, a diagnosis disparity ratio, measures the ratio of the difference between the group rate and the overall population rate to the overall rate. The disparities of HIV diagnoses rates by the SDH variables can be viewed as 2-fold: 1) the rate disparities (i.e., absolute disparities) between races/ethnicities by sex at birth, and 2) the relative disparity gap narrowing or widening as SDH variable levels increase or decrease (i.e., the ratio increases as the difference widens between a selected group and the overall population and decreases as the difference narrows) (Table 1).

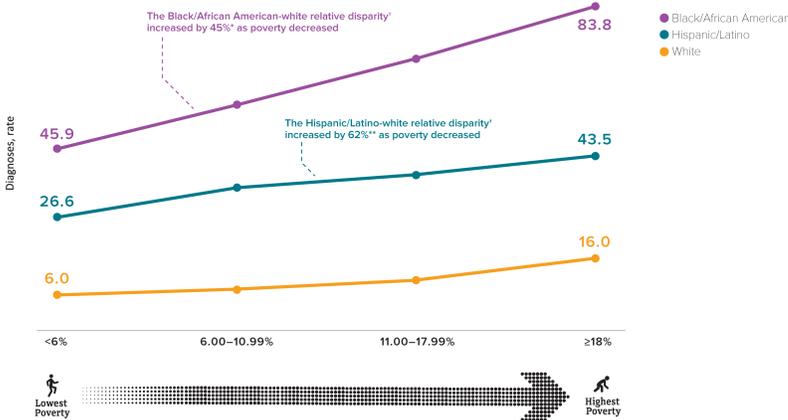


Poverty, by Race/Ethnicity

Among males residing in census tracts with the lowest poverty, HIV diagnosis rates in 2018 among Blacks/African Americans (45.9) and Hispanics/Latinos (26.6) were 7.6 times and 4.4 times, respectively, as high as the rate for whites (6.0) (Figure 13 and Table 1). Among males residing in census tracts with the highest poverty, Blacks/African Americans (83.8) and Hispanics/Latinos (43.5) were 5.3 times and 2.7 times, respectively, as high as the rate for whites (16.0). The Black/African American–white and Hispanic/Latino–white relative disparities increased by 45% and 62%, respectively, as percentages of poverty decreased. Whereas, the Black/African American–white and Hispanic/Latino–white absolute disparities were wider (or more disparate) in the highest poverty areas than in lowest poverty areas.

Figure 13. Disparities of diagnoses of HIV infection among adult males, by race/ethnicity and poverty status, 2018—census tract level, United States and Puerto Rico

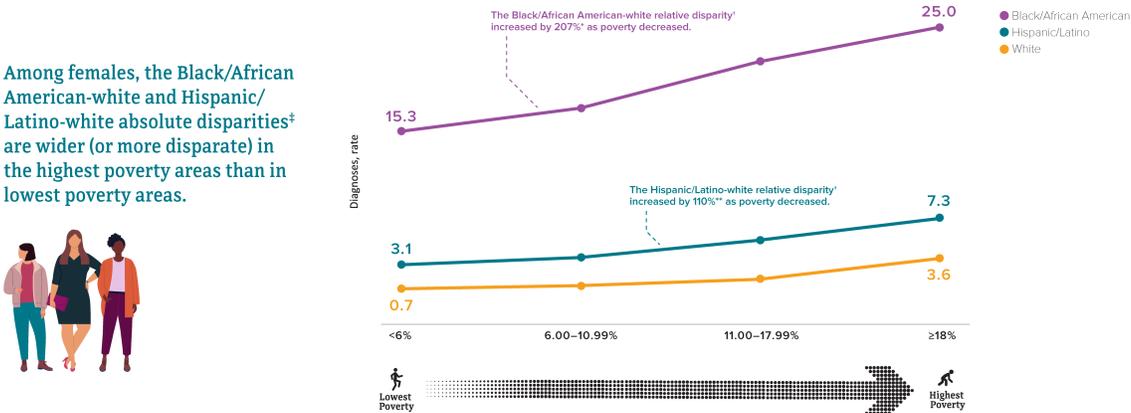
Among males, the Black/African American-white and Hispanic/Latino-white absolute disparities[‡] are wider (or more disparate) in the highest poverty areas than in lowest poverty areas.



Note. Hispanics/Latinos can be of any race.
[‡]Absolute disparity measures the difference between a group with the lowest rate and the group with the highest rate.
[†]Relative disparity measures the ratio of the difference between the group rate and the overall population rate to the overall rate.
 *45% increase is the lowest poverty disparity (45.9/6.0) compared to the highest poverty disparity (83.8/16.0).
 **62% increase is the lowest poverty disparity (26.6/6.0) compared to the highest poverty disparity (43.5/16.0).

Among females residing in census tracts with the lowest poverty, HIV diagnosis rates among Blacks/African Americans (15.3) and Hispanics/Latinos (3.1) were 21.3 times and 4.3 times, respectively, as high as the rate for whites (0.7) (Figure 14 and Table 1). Among females residing in census tracts with the highest poverty, HIV diagnosis rates among Blacks/African Americans (25.0) and Hispanics/Latinos (7.3) were 7.0 times and 2.0 times, respectively, as high as the rate for whites (3.6). The Black/African American–white and Hispanic/Latino–white relative disparities increased by 207% and 110%, respectively, as percentages of poverty decreased. Whereas, the Black/African American–white and Hispanic/Latino–white absolute disparities were wider (or more disparate) in the highest poverty areas than in the lowest poverty areas.

Figure 14. Disparities of diagnoses of HIV infection among adult females, by race/ethnicity and poverty status, 2018—census tract level, United States and Puerto Rico

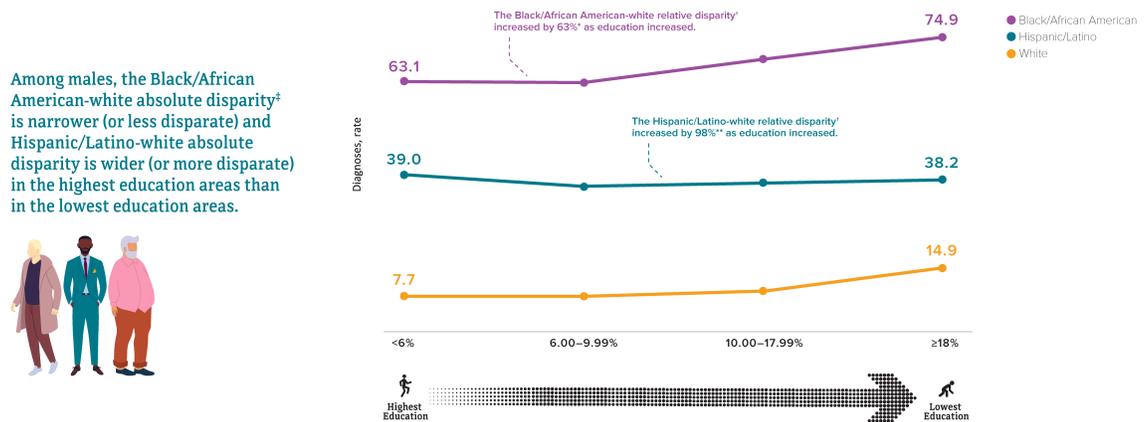


Note. Hispanics/Latinos can be of any race.
[‡]Absolute disparity measures the difference between a group with the lowest rate and the group with the highest rate.
[†]Relative disparity measures the ratio of the difference between the group rate and the overall population rate to the overall rate.
 *207% increase is the lowest poverty disparity (15.3/0.7) compared to the highest poverty disparity (25.0/3.6).
 **110% increase is the lowest poverty disparity (3.1/0.7) compared to the highest poverty disparity (7.3/3.6).

Education, by Race/Ethnicity

Among males residing in census tracts with the highest education, HIV diagnosis rates among Blacks/African Americans (63.1) and Hispanics/Latinos (39.0) were 8.2 times and 5.1 times, respectively, as high as the rate for whites (7.7) (Figure 15 and Table 1). Among males residing in census tracts with the lowest education, HIV diagnosis rates among Blacks/African Americans (74.9) and Hispanics/Latinos (38.2) were 5.0 times and 2.6 times, respectively, as high as the rate for whites (14.9). The Black/African American–white and Hispanic/Latino–white relative disparities increased by 63% and 98%, respectively, as percentages of education increased. Whereas, the Black/African American–white absolute disparity was narrower (or less disparate) and Hispanic/Latino–white absolute disparity was wider (or more disparate) in the highest education areas than in the lowest education areas.

Figure 15. Disparities of diagnoses of HIV infection among adult males, by race/ethnicity and education, 2018—census tract level, United States and Puerto Rico



Note. Hispanics/Latinos can be of any race.

‡Absolute disparity measures the difference between a group with the lowest rate and the group with the highest rate.

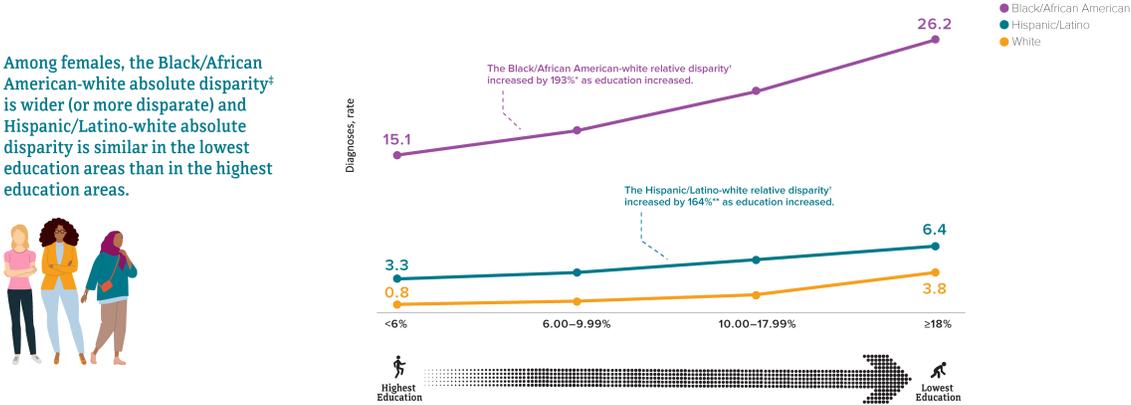
†Relative disparity measures the ratio of the difference between the group rate and the overall population rate to the overall rate.

*63% increase is the lowest poverty disparity (74.9/14.9) compared to the highest education disparity (63.1/7.7).

**98% increase is the lowest education disparity (38.2/14.9) compared to the highest education disparity (39.0/7.7).

Among females residing in census tracts with the highest education, HIV diagnosis rates among Blacks/African Americans (15.1) and Hispanics/Latinos (3.3) was 20.1 times and 4.4 times, respectively, as high as the rate for whites (0.8) (Figure 16 and Table 1). Among females residing in census tracts with the lowest education, HIV diagnosis rates among Blacks/African Americans (26.2) and Hispanics/Latinos (6.4) were 6.9 times and 1.7 times, respectively, as high as the rate for whites (3.8). The Black/African American–white and Hispanic/Latino–white relative disparities increased by 193% and 164%, respectively, as percentages of education increased. Whereas, the Black/African American–white absolute disparity was wider (or more disparate) and the Hispanic/Latino–white absolute disparity was similar in the lowest education areas than in the highest education areas.

Figure 16. Disparities of diagnoses of HIV infection among adult females, by race/ethnicity and education, 2018—census tract level, United States and Puerto Rico



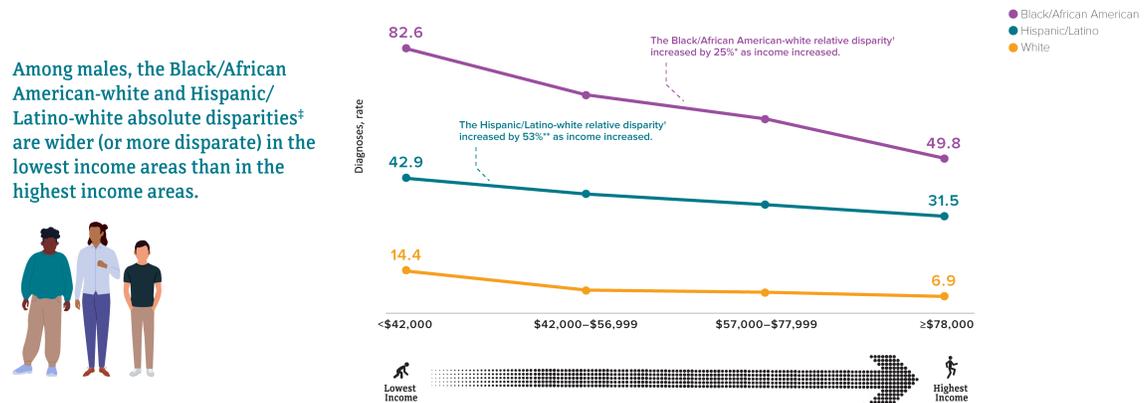
Note. Hispanics/Latinos can be of any race.

- ‡ Absolute disparity measures the difference between a group with the lowest rate and the group with the highest rate.
- † Relative disparity measures the ratio of the difference between the group rate and the overall population rate to the overall rate.
- * 193% increase is the lowest education disparity (26.2/3.8) compared to the highest education disparity (15.1/0.8).
- ** 164% increase is the lowest education disparity (6.4/3.8) compared to the highest education disparity (3.3/0.8).

Income, by Race/Ethnicity

Among males residing in census tracts with the lowest income, HIV diagnosis rates among Blacks/African Americans (82.6) and Hispanics/Latinos (42.9) was 3.0 times and 5.8 times, respectively, as high as the rate for whites (14.4) (Figure 17 and Table 1). Among males residing in census tracts with the highest income, HIV diagnosis rates among Blacks/African Americans (49.8) and Hispanics/Latinos (31.5) were 7.2 times and 4.6 times, respectively, as high as the rate for whites (6.9). The Black/African American–white and Hispanic/Latino–white relative disparities increased by 25% and 53%, respectively, as percentages of income increased. Whereas, the Black/African American–white and Hispanic/Latino–white absolute disparities were wider (or more disparate) in the lowest income areas than in the highest income areas.

Figure 17. Disparities of diagnoses of HIV infection among adult males, by race/ethnicity and income, 2018—census tract level, United States and Puerto Rico



Note. Hispanics/Latinos can be of any race.

‡Absolute disparity measures the difference between a group with the lowest rate and the group with the highest rate.

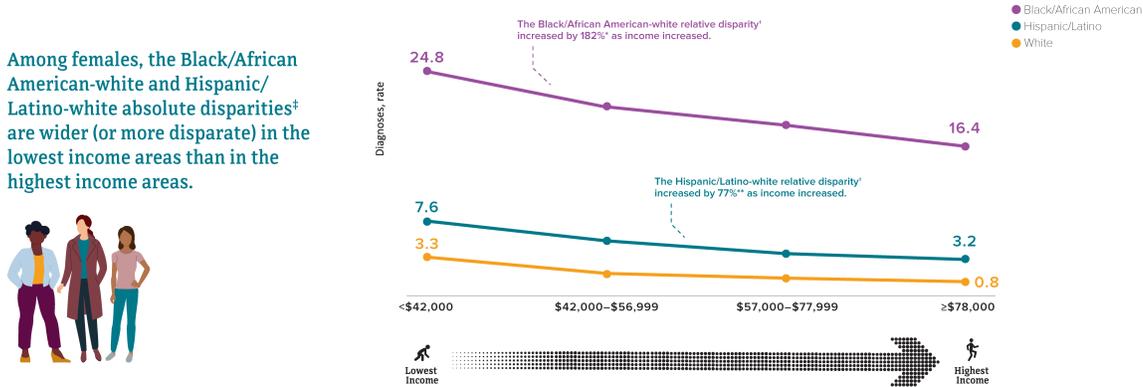
†Relative disparity measures the ratio of the difference between the group rate and the overall population rate to the overall rate.

*25% increase is the lowest income disparity (82.6/14.4) compared to the highest income disparity (49.8/6.9).

**53% increase is the lowest income disparity (42.9/14.4) compared to the highest income disparity (31.5/6.9).

Among females residing in census tracts with the lowest income, HIV diagnosis rates among Blacks/African Americans (24.8) and Hispanics/Latinos (7.6) was 7.5 times and 2.3 times, respectively, as high as the rate for whites (3.3) (Figure 18 and Table 1). Among females residing in census tracts with the highest income, HIV diagnosis rates among Blacks/African Americans (16.4) and Hispanics/Latinos (3.2) were 21.2 times and 4.1 times, respectively, as high as the rate for whites (0.8). The Black/African American–white and Hispanic/Latino–white relative disparities increased by 182% and 77%, respectively, as percentages of income increased. Whereas, the Black/African American–white and Hispanic/Latino–white absolute disparities were wider (or more disparate) in the lowest income areas than in the highest income areas.

Figure 18. Disparities of diagnoses of HIV infection among adult females, by race/ethnicity and income, 2018—census tract level, United States and Puerto Rico



Among females, the Black/African American-white and Hispanic/Latino-white absolute disparities[‡] are wider (or more disparate) in the lowest income areas than in the highest income areas.

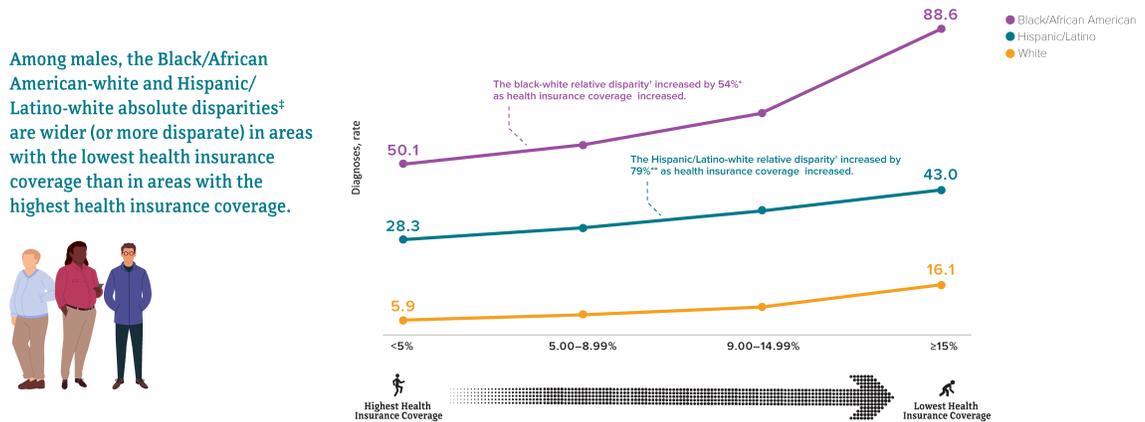


Note. Hispanics/Latinos can be of any race.
[‡]Absolute disparity measures the difference between a group with the lowest rate and the group with the highest rate.
[†]Relative disparity measures the ratio of the difference between the group rate and the overall population rate to the overall rate.
^{*}182% increase is the lowest income disparity (24.8/3.3) compared to the highest income disparity (16.4/0.8).
^{**}77% increase is the lowest income disparity (7.6/3.3) compared to the highest income disparity (3.2/0.8).

Health Insurance Coverage, by Race/Ethnicity

Among males residing in census tracts with the highest health insurance coverage, HIV diagnosis rates among Blacks/African Americans (50.1) and Hispanics/Latinos (28.3) was 8.5 times and 4.8 times, respectively, as high as the rate for whites (5.9) (Figure 19 and Table 1). Among males residing in census tracts with the lowest health insurance coverage, HIV diagnosis rates among Blacks/African Americans (88.6) and Hispanics/Latinos (43.0) were 5.5 times and 2.7 times, respectively, as high as the rate for whites (16.1). The Black/African American–white and Hispanic/Latino–white relative disparities increased by 54% and 79%, respectively, as percentages of health insurance coverage increased. Whereas, the Black/African American–white and Hispanic/Latino–white absolute disparities were wider (or more disparate) in areas with the lowest health insurance coverage than in areas with the highest health insurance coverage.

Figure 19. Disparities of diagnoses of HIV infection among adult males, by race/ethnicity and health insurance coverage, 2018—census tract level, United States and Puerto Rico



Note. Hispanics/Latinos can be of any race.

[‡]Absolute disparity measures the difference between a group with the lowest rate and the group with the highest rate.

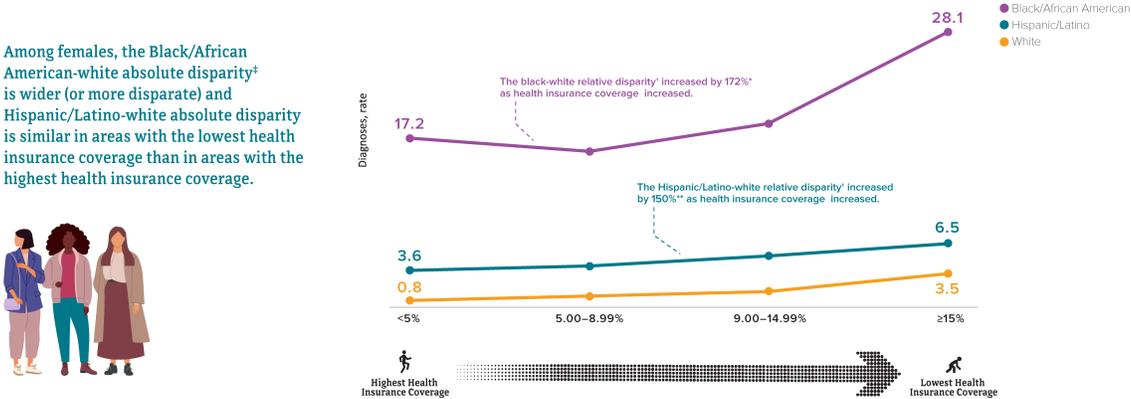
[†]Relative disparity measures the ratio of the difference between the group rate and the overall population rate to the overall rate.

*54% increase is the lowest health insurance coverage (88.6/16.1) compared to the highest health insurance coverage (50.1/5.9).

**79% increase is the lowest health insurance coverage (43.0/16.1) compared to the highest health insurance coverage (28.3/5.9).

Among females residing in census tracts with the highest health insurance coverage, HIV diagnosis rates among Blacks/African Americans (17.2) and Hispanics/Latinos (3.6) was 4.7 times and 22.1 times, respectively, as high as the rate for whites (0.8) (Figure 20 and Table 1). Among females residing in census tracts with the lowest health insurance coverage, HIV diagnosis rates among Blacks/African Americans (28.1) and Hispanics/Latinos (6.5) were 8.2 times and 1.9 times, respectively, as high as the rate for whites (3.5). The Black/African American–white and Hispanic/Latino–white relative disparities increased by 172% and 150%, respectively, as percentages of health insurance coverage increased. Whereas, the Black/African American–white absolute disparity was wider (or more disparate) and the Hispanic/Latino–white absolute disparity was similar in areas with the lowest health insurance coverage than in areas with the highest health insurance coverage.

Figure 20. Disparities of diagnoses of HIV infection among adult females, by race/ethnicity and health insurance coverage, 2018—census tract level, United States and Puerto Rico



Among females, the Black/African American-white absolute disparity[‡] is wider (or more disparate) and Hispanic/Latino-white absolute disparity is similar in areas with the lowest health insurance coverage than in areas with the highest health insurance coverage.



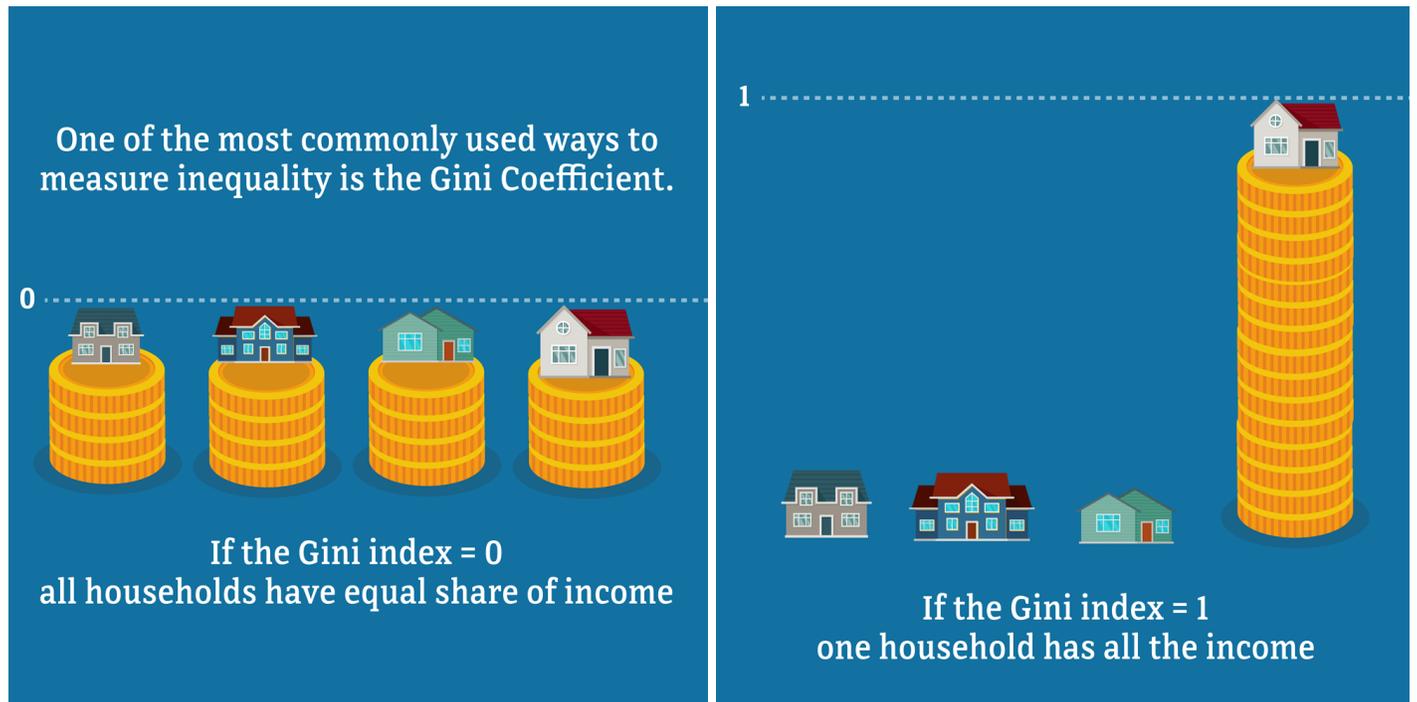
Note. Hispanics/Latinos can be of any race.

- ‡ Absolute disparity measures the difference between a group with the lowest rate and the group with the highest rate.
- † Relative disparity measures the ratio of the difference between the group rate and the overall population rate to the overall rate.
- *172% increase is the lowest health insurance coverage (28.1/3.5) compared to the highest health insurance coverage (17.2/0.8).
- **150% increase is the lowest health insurance coverage (6.5/3.5) compared to the highest health insurance coverage (3.6/0.8).

Income Inequality (Gini Index)

Poor health and income inequality go hand-in-hand. Income inequality and socioeconomic deprivation are 2 key socioeconomic determinants of HIV diagnosis and care outcomes. High levels of income inequality negatively affect the health of even the affluent, mainly because income inequality reduces social cohesion which leads to more stress, fear, and insecurity [5].

This report uses the Gini index to measure income inequality. The Gini index summarizes the dispersion of income across the entire income distribution. The Gini index ranges from 0 or 0%, indicating perfect equality (i.e., lowest income inequality—where all households have an equal share of income), to 1 or 100%, perfect inequality (i.e., highest income inequality—where only 1 household has all the income and the rest have none).



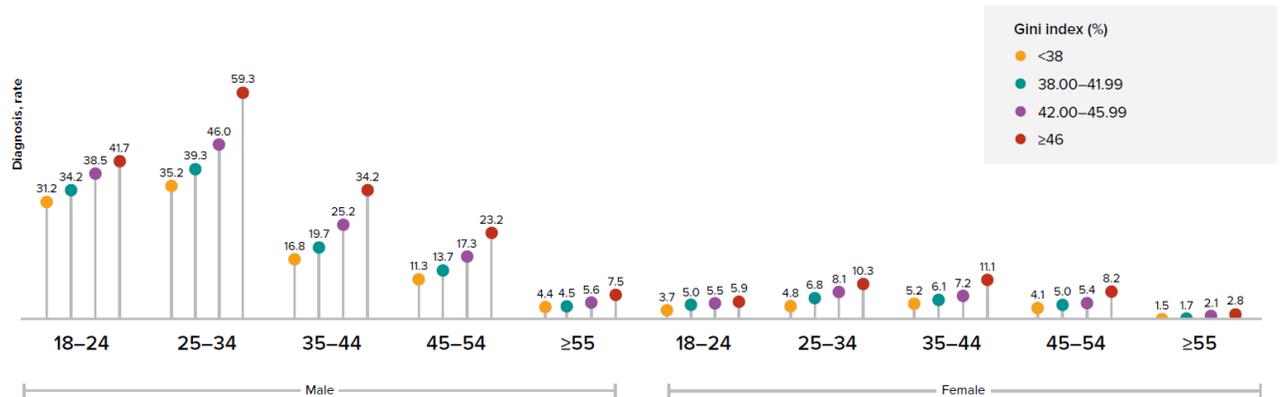
Income Inequality, by Sex at Birth

The highest HIV diagnosis rate for males (28.9) and for females (6.6) were among those who lived in census tracts where income inequality was 46% or more. For both sexes, the rate of HIV diagnoses increased as the percentages of income inequality increased (Table 1).

Income Inequality, by Sex at Birth and Age Group

Persons who lived in census tracts where income inequality was 46% or more accounted for the highest HIV diagnoses rates for both sexes in all age groups (Figure 21 and Table 2).

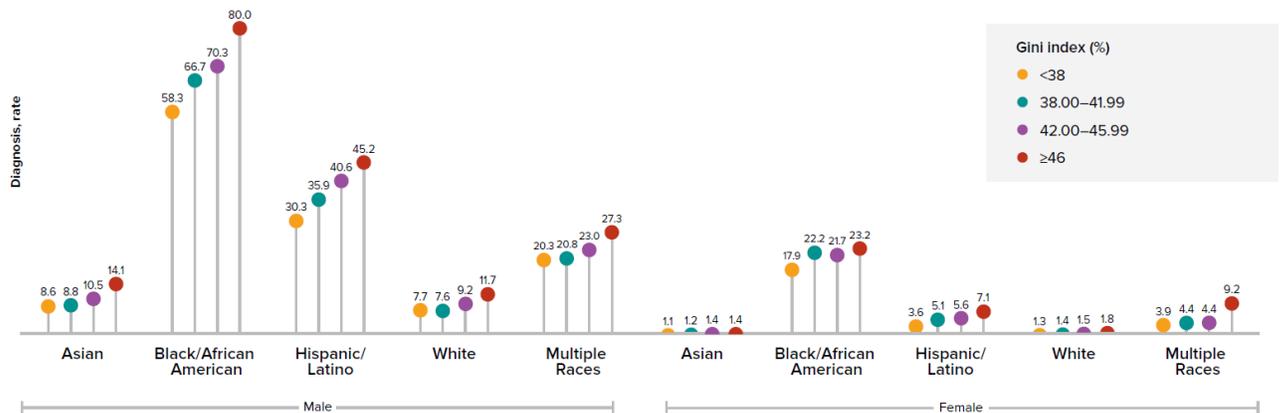
Figure 21. Diagnoses of HIV infection among adults, by age at diagnosis, sex at birth, and Gini index, 2018—census tract level, United States and Puerto Rico



Income Inequality, by Sex at Birth and Race/Ethnicity

Persons who lived in census tracts where income inequality was 46% or more accounted for the highest HIV diagnosis rates for both sexes in all racial/ethnic groups (Figure 22 and Table 1). Please use caution when interpreting data for American Indians/Alaska Natives and Native Hawaiian/other Pacific Islanders; most rates are based on small case counts.

Figure 22. Diagnoses of HIV infection among adults, by race/ethnicity, sex at birth, and Gini index, 2018—census tract level, United States and Puerto Rico

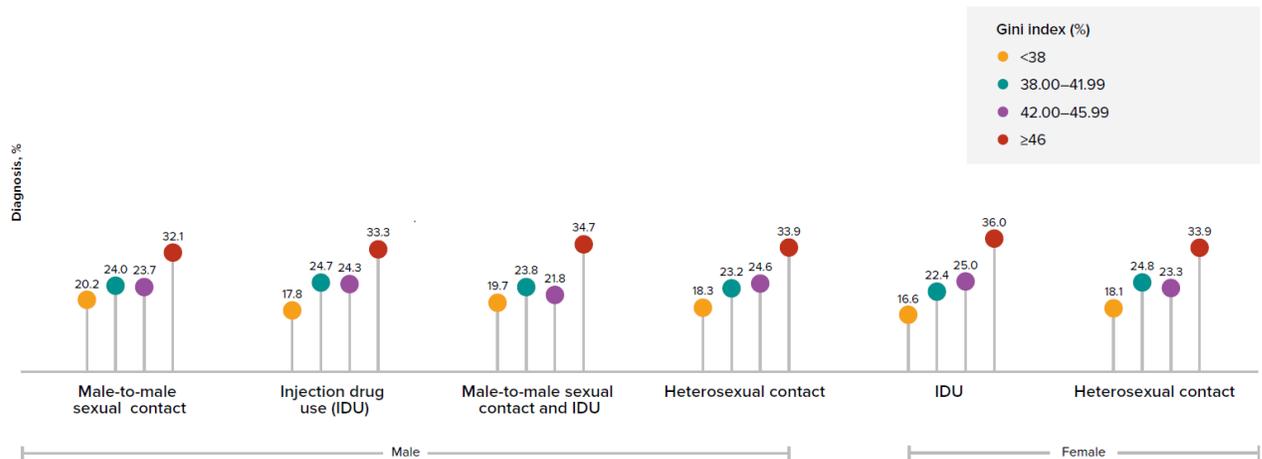


Note. Hispanics/Latinos can be of any race.

Income Inequality, by Sex at Birth and Transmission Category

Persons who lived in census tracts where income inequality was 46% or more accounted for the largest percentage of HIV diagnoses for both sexes and in all transmission categories (Figure 23 and Table 3).

Figure 23. Diagnoses of HIV infection among adults, by transmission category, sex at birth, and Gini index, 2018—census tract level, United States and Puerto Rico



Note. Data have been statistically adjusted to account for missing transmission category. See Data Tables, Definitions, and Acronyms for more information on transmission categories.

Income Inequality, by Area of Residence

Persons who lived in census tracts where income inequality was 46% or more accounted for the largest percentage of HIV diagnoses; the areas with the highest rates of HIV diagnoses were the District of Columbia (total, 39.9; males, 65.9; females, 18.1), followed by Georgia (total, 33.2; females, 15.1) and Florida for males (53.2) (Table 8). Use caution when comparing the rates of diagnoses for the District of Columbia to the rates for states.

A Closer Look at Income Inequality



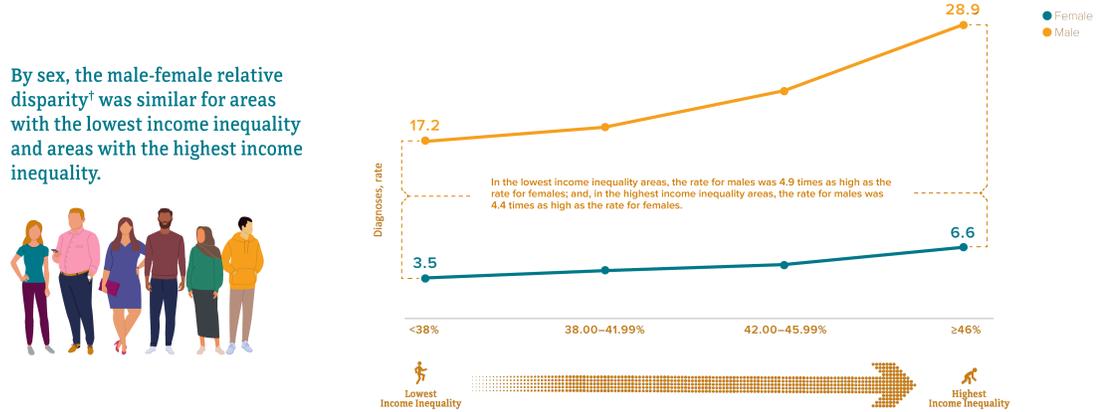
Income inequality has increased steadily in the United States since the 1970s. Disparities in income by sex and race/ethnicity persist and, in some cases, are greater than in 1970 [6]. Many factors—education, being foreign-born or immigrant status, historical legacy and impact of discrimination—are key components of income equality. Many of these same factors contribute to disparities in HIV diagnoses, although, it is important to recognize the sex and race/ethnicity components that contribute to this disparity. The following section takes a closer look at income inequality among persons with diagnosed HIV infection by sex and race/ethnicity.

Income Inequality, by Sex at Birth

Among those residing in census tracts with the highest income inequality, the HIV diagnoses rate among males (28.9) was 4.4 times as high as the rate for females (6.6); and in census tracts with the lowest income inequality, the diagnoses rate among males (17.2) was 4.9 times as high as the rate for females (3.5) (Figure 24 and Table

1). The male-female HIV disparity remained similar among those residing in census tracts with the lowest income inequality compared to those with the highest income inequality.

Figure 24. Disparities in rates of diagnoses of HIV infection among adults, by sex at birth and Gini index, 2018—census tract level, United States and Puerto Rico

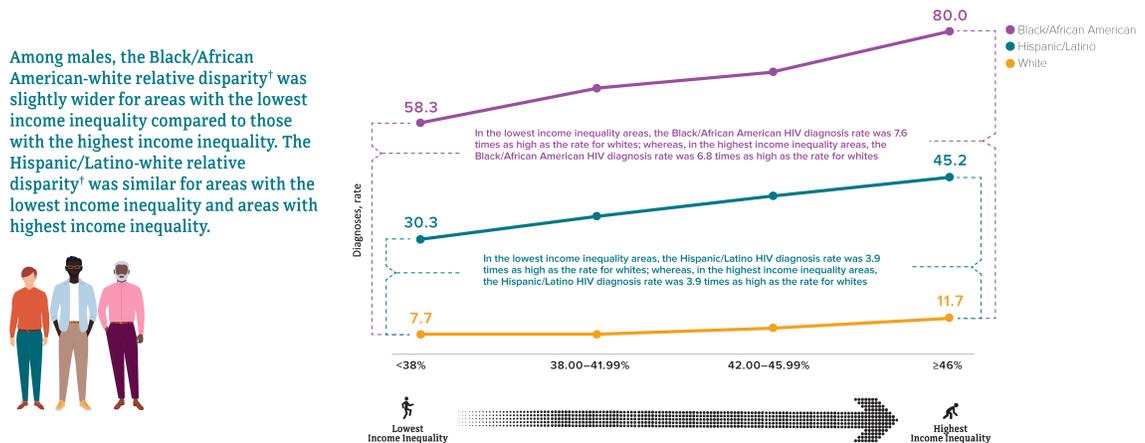


[†]Relative disparity measures the ratio of the difference between the group rate and the overall population rate to the overall rate.

Income Inequality, by Race/Ethnicity

Disparities in HIV diagnoses rates by race/ethnicity persist regardless of income inequality. Among males residing in census tracts with the highest income inequality, the rate of diagnoses among Blacks/African Americans (80.0) was 6.9 times as high as the rate for whites (11.7); whereas, in census tracts with the lowest income inequality, the rate of diagnoses among Blacks/African Americans (58.3) was 7.6 times as high as the rate for whites (7.7) (Figure 25 and Table 1). That is, the Black/African American–white HIV disparity was slightly wider among those residing in census tracts with the lowest income inequality compared to those with the highest income inequality. The HIV diagnosis rate for Hispanics/Latinos was 3.9 times as high as the rate for whites for those residing in census tracts with both lowest and highest income inequality—indicating that the Hispanic/Latino–white HIV disparity remained similar among those residing in census tracts with the lowest income inequality compared to those with the highest income inequality.

Figure 25. Disparities in rates of diagnoses of HIV infection among adult males, by race/ethnicity and Gini index, 2018—census tract level, United States and Puerto Rico

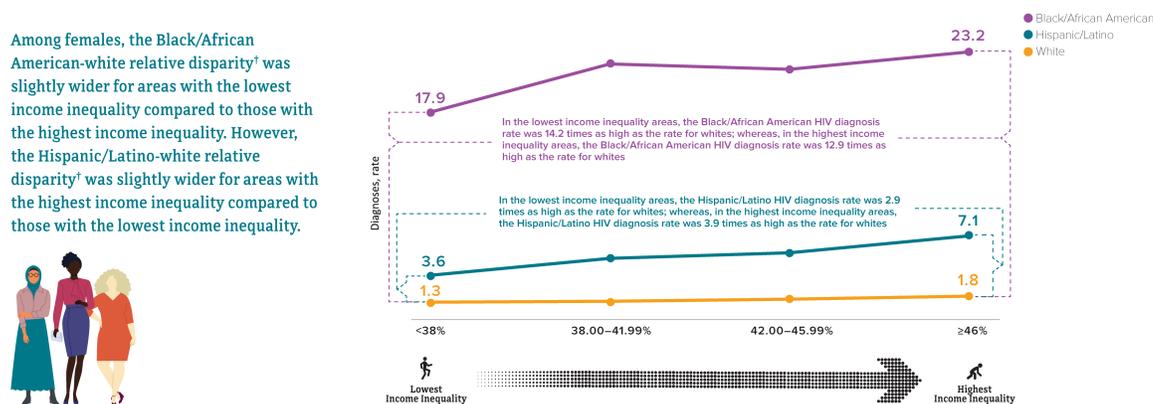


Note. Hispanics/Latinos can be of any race.

[†]Relative disparity measures the ratio of the difference between the group rate and the overall population rate to the overall rate.

Among females residing in census tracts with the highest income inequality, the rate of diagnoses among Blacks/African Americans (23.2) was 12.9 times as high as the rate for whites (1.8); whereas, in census tracts with the lowest income inequality, the rate of diagnoses among Blacks/African Americans (17.9) was 14.2 times as high as the rate for whites (1.3) (Figure 26 and Table 1). That is, the Black/African American–white HIV disparity was slightly wider among those residing in census tracts with the lowest income inequality compared to those with the highest income inequality. The HIV diagnosis rate for Hispanics/Latinos (7.1) was 3.9 times as high as the rate for whites for those residing in census tracts with the highest income inequality, and Hispanics/Latinos diagnosis rate (3.6) was 2.9 times as high as the rate for whites—indicating that the Hispanic/Latino–white HIV disparity was slightly wider among those residing in census tracts with the highest income inequality compared to those with the lowest income inequality.

Figure 26. Disparities in rates of diagnoses of HIV infection among adult females, by race/ethnicity and Gini index, 2018—census tract level, United States and Puerto Rico



Note. Hispanics/Latinos can be of any race.

†Relative disparity measures the ratio of the difference between the group rate and the overall population rate to the overall rate.

Health Disparities Special Considerations

Accurate and timely assessment and monitoring of the magnitude and direction of change of health disparities and their determinants are necessary for evaluation of progress toward the Healthy People 2030 goal of eliminating health disparities, achieving health equity, and attaining health literacy to improve the health and well-being of all [7]. Increasingly, overall health disparities are not improving in the United States [8]. Evidence from systematic reviews suggests that downstream prevention interventions (directed at individual-level factors) are more likely than upstream interventions (directed at social or policy-level factors) to increase health disparities [8].

Below are some important upstream factors, that can lead to downstream and upstream interventions, for special consideration in addressing health disparities related to poverty, education, income, and healthcare status among adults with diagnosed HIV infection.

Residential Segregation

The persistence of racial differences in health, after individual differences in socioeconomic status (SES) are accounted for, may reflect the role that residential segregation and neighborhood quality can play in racial disparities in health. As a result of segregation, higher income Blacks/African Americans live in lower income

areas than whites of similar economic status, and lower income whites live in better areas than lower income Blacks/African Americans [9]. Other racial/ethnic groups are less segregated than Blacks/African Americans, and although residential segregation is inversely related to income for Hispanic/Latinos and Asians, the segregation of Blacks/African Americans is high at all levels of income [9]. Blacks/African Americans with the highest levels of income experience more residential segregation than Hispanics/Latinos and Asians with the lowest levels of income [9]. In addition to other SDH variables, residential segregation may play a role in racial disparities in HIV diagnoses by isolating individuals from access to important resources and affecting neighborhood quality, with lower income and isolated areas being more vulnerable [10].

Medical Treatment

Hispanics/Latinos account for the largest uninsured group in the United States [11], and one-quarter of Hispanic/Latino adults do not have a primary care provider [12]. Additionally, Blacks/African Americans typically have the lowest linkage of HIV medical care [13]. Blacks/African Americans and Hispanics/Latinos are less likely than whites to receive appropriate medical treatment after they gain access to medical care. These patterns exist across a broad range of medical procedures and institutional contexts, and they are further compounded by factors like stigma, immigration status, discrimination—all of which may contribute to disparities in HIV infections [14].

Psychosocial Stress

Exposure to psychosocial stressors (i.e., stress that may result from poverty, crime, racial discrimination, or other persistent difficulties) may be another way SES and race/ethnicity are linked to health. Chronic exposure to stress is associated with altered physiological functioning, which may increase risks for a broad range of health conditions. Individuals in lower income areas are more likely to report elevated levels of stress and may be more vulnerable to the negative effects of stressors [9]. In addition, the subjective experience of discrimination is a neglected stressor that can adversely affect the health of minorities. Discrimination may contribute to the elevated risk of disease that is sometimes observed among Blacks/African Americans [9]. Psychosocial stress may play a role in racial disparities in HIV diagnoses by altering physiological functions due to the additional chronic exposure to stress among individuals in lower income areas and experiencing discrimination [9].



A. Geocoding of HIV Surveillance Data Overview

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 2018 and reported to the NHSS through December 2019 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 (2018), data were linked with the ACS estimates for 2014–2018 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 at birth. Therefore, all tables display differing denominators for SDH subpopulation categories.

B. Social Determinants of Health Indicator Variables

SDH indicator variables [15] and definitions [16] were obtained from the ACS. This report uses data from the 2014–2018 ACS estimates. The 5-year estimates were used because census tract data are only available at this level (1-year census tract-level estimates are not available). 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) [17]. 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) [16]. 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.

B1. SDH Variables and Definitions

For this report, the SDH indicator variables were categorized by using empirically derived quartiles, and each quartile cut-point was rounded to the nearest integer. 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 5 SDH indicator variables: federal poverty status, education level, median household income, health insurance coverage, and Gini index.

- **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) 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)
- **Gini index:** proportion of household income distribution within the census tract during the 12 months before the survey response

B1.1 Poverty

The percentage of the population aged 18 years and older who were living below the poverty level was determined by using the U.S. Census Bureau’s 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 [18].

B1.2 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.

B1.3 Household Income

The median household income was determined by dividing the income distribution into 2 equal parts: one-half of the households in the census tract fall below the median income and one-half above the median. The median income was based on the income distribution of the total number of households, including those with no income.

B1.4 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.

B1.5 Gini Index

The Gini index of income inequality measures the dispersion of the household income distribution. The Gini index, or index of income concentration, is a statistical measure of income inequality ranging from 0 (or 0%) to 1 (or 100%). A measure of 1 indicates perfect inequality; i.e., one household having all the income and rest having none. A measure of 0 indicates perfect equality; i.e., all households having an equal share of income. The Gini index is based on the difference between the Lorenz curve (the observed cumulative income distribution) and the straight line denoting a perfectly equal income distribution. This measure is presented for household income.

C. Tabulation and Presentation of Data

The data in this report include information received by CDC through December 31, 2019, and include 2 data populations:

1. Tables 1–8, S1–B3 include data for the 50 states, the District of Columbia, and Puerto Rico.
 - a. ACS SDH data (Tables S1–S5) were obtained directly from the U.S. Census Bureau’s 2014–2018 ACS estimates [15].
 - b. Diagnoses of HIV infection, by race/ethnicity, selected characteristics, and selected SDH are displayed in Tables A1–B3.
2. Tables 9a–10d (linkage to HIV medical care within 1 month of HIV diagnosis and viral suppression within 6 months of HIV diagnosis) include data for those jurisdictions with complete laboratory reporting.
 - a. As of December 2019, 42 jurisdictions (41 states and the District of Columbia) had met the criteria for the collection and reporting of CD4 and viral load test results: The 41 states are Alabama, Alaska, California, Colorado, Delaware, Florida, Georgia, Hawaii, Illinois, Indiana, Iowa, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, 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.
 - b. More information on calculating linkage to care can be found at <https://www.cdc.gov/hiv/pdf/library/reports/surveillance/cdc-hiv-surveillance-supplemental-report-vol-25-2.pdf> (Monitoring selected national HIV prevention and care objectives by using HIV surveillance data—United States and 6 dependent areas, 2018).

Please use caution when interpreting numbers less than 12, and rates and trends based on these numbers.

C1. Definitions and Data Specifications

C1.1 Diagnoses

The term *diagnosis of HIV infection* is defined as a diagnosis of HIV infection regardless of the stage of disease (stage 0, 1, 2, 3 [AIDS], or unknown) and refers to all persons with a diagnosis of HIV infection.

More information on counting diagnoses of HIV infection can be found in the Technical Notes of the 2018 *HIV Surveillance Report* at <https://www.cdc.gov/hiv/library/reports/hiv-surveillance/vol-31/index.html>.

C1.2 Linkage to HIV Medical Care and Viral Suppression

The data on linkage to HIV medical care were based on persons whose infection was diagnosed during 2018 and who resided in any of 42 jurisdictions at the time of diagnosis that reported complete CD4 and viral load laboratory results to CDC. Linkage to HIV medical care within 1 month after HIV diagnosis was measured by documentation of ≥ 1 CD4 (count or percentage) or viral load tests performed ≤ 1 month after HIV diagnosis, including tests performed on the same date as the date of diagnosis.

Viral suppression within 6 months of diagnosis was measured for persons whose infection was diagnosed during 2018 and who resided in any of the 42 jurisdictions at time of diagnosis. Viral suppression was defined as a viral load result of <200 copies/mL at any viral load test within 6 months of an HIV diagnosis made during 2018.

More information on calculating linkage to HIV medical care and viral suppression can be found at <https://www.cdc.gov/hiv/pdf/library/reports/surveillance/cdc-hiv-surveillance-supplemental-report-vol-25-2.pdf> (Monitoring selected national HIV prevention and care objectives by using HIV surveillance data—United States and 6 dependent areas, 2018).

C2. 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 [15]. The denominators used for calculating age-, sex-, and race/ethnicity-specific rates were computed by applying the 5-year estimates for age, sex at birth, and race/ethnicity for these areas [15]. Reported numbers less than 12, and rates based on these numbers, should be interpreted with caution.

Subpopulation stratifications of race data by [age group and] sex at birth from the 2014–2018 estimates from the ACS for racial groups other than whites may include Hispanics/Latinos. As a result, there may be overlap in populations for these racial groups and Hispanics/Latinos and, therefore, diagnosis rates by race/ethnicity (Table 1) should be interpreted with caution. Of the denominator population from this ACS in this report, for American Indians/Alaska Natives, 21.1% were Hispanic/Latino (20.9% when Puerto Rico is excluded); for Asians, 1.2% were Hispanic/Latino (1.2% when Puerto Rico is excluded); for Blacks/African Americans, 3.8% were Hispanic/Latino (2.9% when Puerto Rico is excluded); and for Native Hawaiians/other Pacific Islanders, 9.9% were Hispanic/Latino (9.9% when Puerto Rico is excluded). Finally, 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.

D. Demographic Information

D1. 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.

D2. Sex

Sex designations in this report are based on a person's sex at birth.

D3. 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) [19]. Hispanics and Latinos can be of any race.

Due to confidentiality concerns, the ACS [age- and] sex-specific population counts for racial groups other than whites may include Hispanics/Latinos. Therefore, race-specific diagnosis rates (except whites) should be interpreted with caution. Also, the number of persons reported in each race category may include persons whose ethnicity was not reported.

D4. Transmission Categories

Information on transmission categories can be found in the Technical Notes of the 2018 HIV Surveillance Report at <https://www.cdc.gov/hiv/library/reports/hiv-surveillance/vol-31/index.html>.

E. Geographic Designation

E1. Census Tract

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 must stay within a county and therefore a state. They do not necessarily coincide within any other geography. For example, although some census tracts follow place boundaries, there is no rule that says they must stay within a place. 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) [20].

Suggested Readings

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Table 1. Diagnoses of HIV infection among adults, by race/ethnicity, sex at birth, and selected social determinants of health, 2018—census tract level, United States and Puerto Rico

| | American Indian/ Alaska Native | | Asian | | Black/African American | | Hispanic/Latino ^a | | Native Hawaiian/ other Pacific Islander | | White | | Multiple races | | Total | |
|--|-----------------------------------|-------------|------------|-------------|---------------------------|-------------|------------------------------|-------------|---|-------------|--------------|------------|----------------|-------------|---------------|-------------|
| | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate |
| Male | | | | | | | | | | | | | | | | |
| Below federal poverty level (%) | | | | | | | | | | | | | | | | |
| <6 | 15 | 14.0 | 139 | 6.4 | 873 | 45.9 | 726 | 26.6 | 9 | 19.4 | 1,430 | 6.0 | 93 | 14.7 | 3,285 | 10.5 |
| 6.00–10.99 | 26 | 13.3 | 164 | 8.5 | 1,667 | 57.3 | 1,629 | 34.6 | 13 | 20.0 | 1,937 | 7.8 | 163 | 20.7 | 5,599 | 16.0 |
| 11.00–17.99 | 33 | 12.8 | 190 | 14.5 | 2,513 | 69.4 | 2,143 | 38.4 | 17 | 30.1 | 1,773 | 9.8 | 167 | 24.1 | 6,836 | 23.4 |
| ≥18 | 28 | 7.0 | 190 | 16.8 | 4,972 | 83.8 | 3,411 | 43.5 | 19 | 40.2 | 1,819 | 16.0 | 220 | 31.3 | 10,659 | 39.7 |
| Less than high school diploma (%) | | | | | | | | | | | | | | | | |
| <6 | 22 | 17.6 | 178 | 7.4 | 1,277 | 63.1 | 952 | 39.0 | 10 | 19.9 | 2,029 | 7.7 | 141 | 19.0 | 4,609 | 13.5 |
| 6.00–9.99 | 26 | 15.8 | 127 | 9.1 | 1,564 | 63.0 | 965 | 36.1 | 9 | 18.6 | 1,553 | 7.5 | 128 | 20.5 | 4,372 | 15.7 |
| 10.00–17.99 | 31 | 9.7 | 184 | 12.7 | 3,289 | 69.3 | 1,854 | 37.1 | 20 | 29.5 | 1,924 | 9.1 | 184 | 23.5 | 7,486 | 22.6 |
| ≥18 | 23 | 6.4 | 195 | 15.0 | 3,900 | 74.9 | 4,146 | 38.2 | 19 | 38.3 | 1,454 | 14.9 | 190 | 27.9 | 9,927 | 36.0 |
| Median household income (U.S. \$) | | | | | | | | | | | | | | | | |
| <42,000 | 28 | 7.6 | 119 | 15.5 | 4,817 | 82.6 | 2,885 | 42.9 | 15 | 44.0 | 1,636 | 14.4 | 175 | 28.4 | 9,675 | 38.4 |
| 42,000–56,999 | 32 | 11.6 | 155 | 15.3 | 2,411 | 68.7 | 2,155 | 38.6 | 14 | 29.7 | 1,739 | 9.0 | 173 | 26.5 | 6,679 | 22.1 |
| 57,000–77,999 | 26 | 13.6 | 186 | 12.2 | 1,688 | 61.2 | 1,689 | 35.3 | 17 | 26.9 | 1,871 | 8.4 | 155 | 21.4 | 5,632 | 17.6 |
| ≥78,000 | 16 | 12.7 | 223 | 6.9 | 1,098 | 49.8 | 1,177 | 31.5 | 12 | 17.1 | 1,710 | 6.9 | 137 | 16.9 | 4,373 | 12.6 |
| Without health insurance (%) | | | | | | | | | | | | | | | | |
| <5 | 12 | 11.9 | 167 | 7.2 | 943 | 50.1 | 707 | 28.3 | 10 | 18.1 | 1,536 | 5.9 | 117 | 16.7 | 3,492 | 10.5 |
| 5.00–8.99 | 19 | 11.2 | 172 | 9.6 | 1,655 | 55.7 | 1,217 | 32.3 | 13 | 20.3 | 1,738 | 7.8 | 145 | 19.2 | 4,959 | 15.7 |
| 9.00–14.99 | 28 | 11.5 | 174 | 12.6 | 2,721 | 64.9 | 1,841 | 37.1 | 22 | 41.2 | 1,829 | 10.1 | 153 | 21.1 | 6,768 | 23.1 |
| ≥15 | 43 | 9.6 | 170 | 15.9 | 4,709 | 88.6 | 4,145 | 43.0 | 13 | 30.5 | 1,856 | 16.1 | 228 | 35.8 | 11,164 | 39.5 |
| Gini index (%) | | | | | | | | | | | | | | | | |
| <38 | 22 | 12.9 | 154 | 8.6 | 1,800 | 58.3 | 1,570 | 30.3 | 15 | 21.9 | 1,528 | 7.7 | 150 | 20.3 | 5,239 | 17.2 |
| 38.00–41.99 | 22 | 9.2 | 154 | 8.8 | 2,234 | 66.7 | 2,016 | 35.9 | 14 | 25.0 | 1,717 | 7.6 | 154 | 20.8 | 6,311 | 18.6 |
| 42.00–45.99 | 27 | 11.0 | 151 | 10.5 | 2,328 | 70.3 | 1,934 | 40.6 | 15 | 31.5 | 1,665 | 9.2 | 146 | 23.0 | 6,266 | 22.3 |
| ≥46 | 31 | 10.1 | 224 | 14.1 | 3,658 | 80.0 | 2,388 | 45.2 | 14 | 32.8 | 2,046 | 11.7 | 190 | 27.3 | 8,551 | 28.9 |
| Subtotal^b | 103 | 10.6 | 699 | 10.6 | 10,209 | 70.6 | 8,009 | 38.2 | 58 | 26.8 | 7,087 | 9.1 | 657 | 23.2 | 26,822 | 21.9 |

Table 1. Diagnoses of HIV infection among adults, by race/ethnicity, sex at birth, and selected social determinants of health, 2018—census tract level, United States and Puerto Rico (cont)

| | American Indian/ Alaska Native | | Asian | | Black/African American | | Hispanic/Latino ^a | | Native Hawaiian/ other Pacific Islander | | White | | Multiple races | | Total | |
|--|-----------------------------------|------------|------------|------------|---------------------------|-------------|------------------------------|-------------|---|-------------|--------------|------------|----------------|-------------|---------------|-------------|
| | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate |
| Female | | | | | | | | | | | | | | | | |
| Below federal poverty level (%) | | | | | | | | | | | | | | | | |
| <6 | 2 | 1.9 | 22 | 0.9 | 303 | 15.3 | 85 | 3.1 | 0 | 0.0 | 178 | 0.7 | 16 | 2.5 | 606 | 1.8 |
| 6.00–10.99 | 6 | 3.0 | 17 | 0.8 | 558 | 17.4 | 172 | 3.7 | 0 | 0.0 | 288 | 1.1 | 39 | 4.8 | 1,080 | 2.9 |
| 11.00–17.99 | 5 | 1.9 | 24 | 1.6 | 893 | 21.8 | 286 | 5.2 | 0 | 0.0 | 316 | 1.7 | 37 | 5.1 | 1,561 | 5.1 |
| ≥18 | 8 | 1.9 | 31 | 2.6 | 1,780 | 25.0 | 580 | 7.3 | 4 | 8.3 | 425 | 3.6 | 70 | 9.2 | 2,898 | 10.1 |
| Less than high school diploma (%) | | | | | | | | | | | | | | | | |
| <6 | 3 | 2.3 | 19 | 0.7 | 338 | 15.1 | 86 | 3.3 | 0 | 0.0 | 209 | 0.8 | 25 | 3.2 | 680 | 1.9 |
| 6.00–9.99 | 1 | 0.6 | 16 | 1.0 | 500 | 17.5 | 107 | 3.9 | 2 | 3.9 | 236 | 1.1 | 26 | 4.0 | 888 | 3.0 |
| 10.00–17.99 | 10 | 3.0 | 17 | 1.0 | 1,192 | 21.3 | 257 | 5.1 | 0 | 0.0 | 385 | 1.7 | 54 | 6.5 | 1,915 | 5.4 |
| ≥18 | 7 | 1.9 | 42 | 2.9 | 1,504 | 26.2 | 673 | 6.4 | 2 | 4.0 | 378 | 3.8 | 57 | 8.4 | 2,663 | 9.5 |
| Median household income (U.S. \$) | | | | | | | | | | | | | | | | |
| <42,000 | 9 | 2.3 | 23 | 2.8 | 1,760 | 24.8 | 524 | 7.6 | 3 | 8.5 | 398 | 3.3 | 70 | 10.6 | 2,787 | 10.2 |
| 42,000–56,999 | 4 | 1.4 | 20 | 1.7 | 823 | 20.9 | 296 | 5.4 | 0 | 0.0 | 358 | 1.7 | 36 | 5.4 | 1,537 | 4.8 |
| 57,000–77,999 | 5 | 2.5 | 20 | 1.1 | 567 | 18.7 | 181 | 3.8 | 1 | 1.6 | 251 | 1.1 | 31 | 4.1 | 1,056 | 3.1 |
| ≥78,000 | 3 | 2.3 | 31 | 0.8 | 383 | 16.4 | 122 | 3.2 | 0 | 0.0 | 199 | 0.8 | 25 | 2.9 | 763 | 2.1 |
| Without health insurance (%) | | | | | | | | | | | | | | | | |
| <5 | 1 | 1.0 | 19 | 0.7 | 340 | 17.2 | 96 | 3.6 | 0 | 0.0 | 213 | 0.8 | 26 | 3.6 | 695 | 2.0 |
| 5.00–8.99 | 3 | 1.7 | 23 | 1.1 | 529 | 15.9 | 167 | 4.3 | 1 | 1.5 | 260 | 1.1 | 35 | 4.4 | 1,018 | 3.0 |
| 9.00–14.99 | 4 | 1.6 | 20 | 1.3 | 908 | 18.7 | 260 | 5.2 | 1 | 1.9 | 323 | 1.7 | 34 | 4.5 | 1,550 | 5.0 |
| ≥15 | 13 | 2.8 | 32 | 2.7 | 1,757 | 28.1 | 600 | 6.5 | 2 | 4.5 | 411 | 3.5 | 67 | 10.1 | 2,882 | 9.8 |
| Gini index (%) | | | | | | | | | | | | | | | | |
| <38 | 3 | 1.7 | 22 | 1.1 | 601 | 17.9 | 185 | 3.6 | 0 | 0.0 | 258 | 1.3 | 29 | 3.9 | 1,098 | 3.5 |
| 38.00–41.99 | 7 | 2.8 | 23 | 1.2 | 834 | 22.2 | 284 | 5.1 | 1 | 1.7 | 320 | 1.4 | 34 | 4.4 | 1,503 | 4.2 |
| 42.00–45.99 | 5 | 2.0 | 23 | 1.4 | 824 | 21.7 | 266 | 5.6 | 2 | 4.0 | 293 | 1.5 | 29 | 4.4 | 1,442 | 4.8 |
| ≥46 | 6 | 1.9 | 26 | 1.4 | 1,275 | 23.2 | 388 | 7.1 | 1 | 2.3 | 335 | 1.8 | 70 | 9.2 | 2,101 | 6.6 |
| Subtotal^b | 21 | 2.1 | 97 | 1.3 | 3,599 | 21.9 | 1,140 | 5.5 | 4 | 1.8 | 1,240 | 1.5 | 164 | 5.6 | 6,265 | 4.8 |
| Total^c | 124 | 6.3 | 796 | 5.7 | 13,808 | 44.7 | 9,149 | 21.9 | 62 | 14.2 | 8,327 | 5.2 | 821 | 14.2 | 33,087 | 13.1 |

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

Note. Rates are per 100,000 population. Row entries indicate categories based on census tracts; 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. 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/2018_ACSSubjectDefinitions.pdf.

^a Hispanics/Latinos can be of any race.

^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 2018 in these areas. See Technical Notes for exclusion criteria.

Table 2. Diagnoses of HIV infection among adults, by age at diagnosis, sex at birth, and selected social determinants of health, 2018—census tract level, United States and Puerto Rico

| | 18–24 years | | 25–34 years | | 35–44 years | | 45–54 years | | ≥55 years | |
|--|--------------|-------------|---------------|-------------|--------------|-------------|--------------|-------------|--------------|------------|
| | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate |
| Male | | | | | | | | | | |
| Below federal poverty level (%) | | | | | | | | | | |
| <6 | 674 | 20.9 | 1,189 | 24.8 | 573 | 10.7 | 483 | 8.0 | 366 | 3.1 |
| 6.00–10.99 | 1,137 | 29.1 | 2,094 | 32.5 | 1,058 | 18.0 | 768 | 12.6 | 542 | 4.3 |
| 11.00–17.99 | 1,444 | 39.0 | 2,708 | 46.4 | 1,304 | 26.6 | 823 | 16.8 | 557 | 5.6 |
| ≥18 | 2,536 | 49.9 | 4,125 | 73.5 | 1,846 | 42.9 | 1,318 | 32.0 | 834 | 10.8 |
| Less than high school diploma (%) | | | | | | | | | | |
| <6 | 936 | 19.6 | 1,749 | 30.2 | 849 | 15.4 | 613 | 10.3 | 462 | 3.8 |
| 6.00–9.99 | 951 | 28.9 | 1,677 | 33.7 | 774 | 17.0 | 550 | 11.4 | 420 | 4.1 |
| 10.00–17.99 | 1,694 | 41.8 | 2,862 | 46.2 | 1,355 | 24.7 | 938 | 16.4 | 637 | 5.4 |
| ≥18 | 2,212 | 56.8 | 3,833 | 66.2 | 1,807 | 36.5 | 1,294 | 27.4 | 781 | 9.5 |
| Median household income (U.S. \$) | | | | | | | | | | |
| <42,000 | 2,379 | 54.0 | 3,739 | 74.5 | 1,597 | 40.3 | 1,219 | 31.1 | 741 | 9.4 |
| 42,000–56,999 | 1,434 | 35.7 | 2,592 | 44.3 | 1,257 | 25.5 | 793 | 16.0 | 603 | 5.8 |
| 57,000–77,999 | 1,140 | 30.3 | 2,205 | 36.4 | 1,075 | 20.0 | 718 | 13.0 | 494 | 4.4 |
| ≥78,000 | 834 | 23.0 | 1,569 | 27.4 | 849 | 13.8 | 661 | 9.8 | 460 | 3.7 |
| Without health insurance (%) | | | | | | | | | | |
| <5 | 684 | 17.1 | 1,227 | 23.5 | 663 | 12.5 | 512 | 8.5 | 406 | 3.2 |
| 5.00–8.99 | 1,067 | 26.6 | 1,861 | 32.8 | 890 | 17.2 | 664 | 12.2 | 477 | 4.2 |
| 9.00–14.99 | 1,485 | 38.5 | 2,671 | 46.8 | 1,201 | 24.4 | 850 | 17.1 | 561 | 5.7 |
| ≥15 | 2,557 | 62.4 | 4,359 | 71.6 | 2,027 | 40.0 | 1,366 | 28.7 | 855 | 10.4 |
| Gini index (%) | | | | | | | | | | |
| <38 | 1,196 | 31.2 | 2,043 | 35.2 | 938 | 16.8 | 635 | 11.3 | 427 | 4.4 |
| 38.00–41.99 | 1,398 | 34.2 | 2,429 | 39.3 | 1,126 | 19.7 | 823 | 13.7 | 535 | 4.5 |
| 42.00–45.99 | 1,332 | 38.5 | 2,373 | 46.0 | 1,164 | 25.2 | 835 | 17.3 | 562 | 5.6 |
| ≥46 | 1,864 | 41.7 | 3,264 | 59.3 | 1,551 | 34.2 | 1,098 | 23.2 | 774 | 7.5 |
| Subtotal^a | 5,913 | 36.9 | 10,267 | 45.1 | 4,853 | 23.7 | 3,456 | 16.3 | 2,333 | 5.5 |
| Female | | | | | | | | | | |
| Below federal poverty level (%) | | | | | | | | | | |
| <6 | 60 | 2.1 | 155 | 3.2 | 154 | 2.8 | 123 | 2.0 | 114 | 0.9 |
| 6.00–10.99 | 139 | 3.8 | 271 | 4.3 | 257 | 4.4 | 210 | 3.3 | 203 | 1.4 |
| 11.00–17.99 | 191 | 5.4 | 402 | 7.1 | 401 | 8.3 | 324 | 6.5 | 243 | 2.1 |
| ≥18 | 381 | 7.5 | 828 | 15.1 | 684 | 15.6 | 564 | 13.2 | 441 | 4.6 |
| Less than high school diploma (%) | | | | | | | | | | |
| <6 | 75 | 1.6 | 185 | 3.2 | 163 | 2.9 | 127 | 2.0 | 130 | 0.9 |
| 6.00–9.99 | 105 | 3.3 | 243 | 4.9 | 205 | 4.4 | 182 | 3.6 | 153 | 1.3 |
| 10.00–17.99 | 249 | 6.5 | 503 | 8.2 | 460 | 8.2 | 404 | 6.8 | 299 | 2.2 |
| ≥18 | 342 | 9.6 | 726 | 13.5 | 668 | 14.0 | 508 | 10.9 | 419 | 4.3 |
| Median household income (U.S. \$) | | | | | | | | | | |
| <42,000 | 362 | 8.3 | 801 | 16.1 | 683 | 16.7 | 546 | 13.2 | 395 | 4.0 |
| 42,000–56,999 | 202 | 5.4 | 407 | 7.3 | 362 | 7.4 | 295 | 5.8 | 271 | 2.2 |
| 57,000–77,999 | 126 | 3.5 | 260 | 4.4 | 276 | 5.1 | 215 | 3.8 | 179 | 1.4 |
| ≥78,000 | 81 | 2.4 | 188 | 3.3 | 173 | 2.7 | 165 | 2.4 | 156 | 1.1 |
| Without health insurance (%) | | | | | | | | | | |
| <5 | 73 | 1.9 | 172 | 3.3 | 170 | 3.1 | 139 | 2.2 | 141 | 1.0 |
| 5.00–8.99 | 114 | 3.0 | 260 | 4.6 | 258 | 4.9 | 207 | 3.7 | 179 | 1.4 |
| 9.00–14.99 | 197 | 5.3 | 419 | 7.5 | 378 | 7.6 | 314 | 6.1 | 242 | 2.1 |
| ≥15 | 387 | 9.9 | 805 | 13.8 | 690 | 13.7 | 561 | 11.6 | 439 | 4.5 |
| Gini index (%) | | | | | | | | | | |
| <38 | 129 | 3.7 | 275 | 4.8 | 291 | 5.2 | 236 | 4.1 | 167 | 1.5 |
| 38.00–41.99 | 193 | 5.0 | 409 | 6.8 | 354 | 6.1 | 308 | 5.0 | 239 | 1.7 |
| 42.00–45.99 | 183 | 5.5 | 409 | 8.1 | 336 | 7.2 | 269 | 5.4 | 245 | 2.1 |
| ≥46 | 266 | 5.9 | 563 | 10.3 | 514 | 11.1 | 408 | 8.2 | 350 | 2.8 |
| Subtotal^a | 787 | 5.2 | 1,696 | 7.6 | 1,520 | 7.4 | 1,246 | 5.7 | 1,016 | 2.1 |
| Total^b | 6,700 | 21.4 | 11,963 | 26.6 | 6,373 | 15.5 | 4,702 | 10.9 | 3,349 | 3.7 |

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

Note. Rates are per 100,000 population. Row entries indicate categories based on census tracts; data reflect the census tract of the person's residential address at the time they received an HIV diagnosis. For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2018_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 2018 in these areas. See Technical Notes for exclusion criteria.

Table 3. Diagnoses of HIV infection among adults, by transmission category, sex at birth, and selected social determinants of health, 2018—census tract level, United States and Puerto Rico

| | Male-to-male sexual contact | | Injection drug use | | Male-to-male sexual contact and injection drug use | | Heterosexual contact ^a | |
|--|-----------------------------|------------|--------------------|------------|--|------------|-----------------------------------|------------|
| | No. | % | No. | % | No. | % | No. | % |
| Male | | | | | | | | |
| Below federal poverty level (%) | | | | | | | | |
| <6 | 2,723 | 12.6 | 111 | 10.6 | 147 | 13.3 | 301 | 11.9 |
| 6.00–10.99 | 4,685 | 21.6 | 189 | 18.1 | 247 | 22.4 | 473 | 18.7 |
| 11.00–17.99 | 5,703 | 26.3 | 258 | 24.7 | 286 | 26.0 | 587 | 23.2 |
| ≥18 | 8,571 | 39.5 | 486 | 46.6 | 422 | 38.3 | 1,171 | 46.3 |
| Less than high school diploma (%) | | | | | | | | |
| <6 | 3,950 | 18.2 | 131 | 12.6 | 231 | 21.0 | 293 | 11.6 |
| 6.00–9.99 | 3,652 | 16.8 | 156 | 14.9 | 185 | 16.8 | 377 | 14.9 |
| 10.00–17.99 | 6,078 | 28.0 | 293 | 28.1 | 322 | 29.2 | 788 | 31.1 |
| ≥18 | 8,014 | 36.9 | 464 | 44.4 | 365 | 33.1 | 1,077 | 42.5 |
| Median household income (U.S. \$) | | | | | | | | |
| <42,000 | 7,749 | 35.8 | 449 | 43.2 | 374 | 33.9 | 1,097 | 43.3 |
| 42,000–56,999 | 5,492 | 25.3 | 245 | 23.6 | 298 | 27.0 | 640 | 25.3 |
| 57,000–77,999 | 4,736 | 21.9 | 198 | 19.0 | 225 | 20.4 | 468 | 18.5 |
| ≥78,000 | 3,690 | 17.0 | 147 | 14.2 | 206 | 18.7 | 326 | 12.9 |
| Without health insurance (%) | | | | | | | | |
| <5 | 2,878 | 13.3 | 147 | 14.0 | 187 | 17.0 | 277 | 10.9 |
| 5.00–8.99 | 4,051 | 18.7 | 236 | 22.7 | 251 | 22.8 | 418 | 16.5 |
| 9.00–14.99 | 5,590 | 25.8 | 279 | 26.7 | 281 | 25.5 | 613 | 24.2 |
| ≥15 | 9,167 | 42.3 | 382 | 36.6 | 383 | 34.7 | 1,224 | 48.4 |
| Gini index (%) | | | | | | | | |
| <38 | 4,372 | 20.2 | 185 | 17.8 | 217 | 19.7 | 462 | 18.3 |
| 38.00–41.99 | 5,199 | 24.0 | 257 | 24.7 | 262 | 23.8 | 588 | 23.2 |
| 42.00–45.99 | 5,146 | 23.7 | 253 | 24.3 | 241 | 21.8 | 622 | 24.6 |
| ≥46 | 6,957 | 32.1 | 346 | 33.3 | 383 | 34.7 | 859 | 33.9 |
| Subtotal^b | 22,055 | 100 | 1,065 | 100 | 1,123 | 100 | 2,559 | 100 |
| Female | | | | | | | | |
| Below federal poverty level (%) | | | | | | | | |
| <6 | — | — | 76 | 9.1 | — | — | 526 | 10.0 |
| 6.00–10.99 | — | — | 169 | 20.2 | — | — | 906 | 17.1 |
| 11.00–17.99 | — | — | 180 | 21.6 | — | — | 1,378 | 26.1 |
| ≥18 | — | — | 410 | 49.1 | — | — | 2,472 | 46.8 |
| Less than high school diploma (%) | | | | | | | | |
| <6 | — | — | 97 | 11.5 | — | — | 576 | 10.9 |
| 6.00–9.99 | — | — | 124 | 14.8 | — | — | 762 | 14.4 |
| 10.00–17.99 | — | — | 263 | 31.5 | — | — | 1,642 | 31.1 |
| ≥18 | — | — | 352 | 42.1 | — | — | 2,302 | 43.6 |
| Median household income (U.S. \$) | | | | | | | | |
| <42,000 | — | — | 373 | 44.6 | — | — | 2,400 | 45.5 |
| 42,000–56,999 | — | — | 220 | 26.4 | — | — | 1,312 | 24.8 |
| 57,000–77,999 | — | — | 143 | 17.1 | — | — | 910 | 17.2 |
| ≥78,000 | — | — | 99 | 11.9 | — | — | 658 | 12.5 |
| Without health insurance (%) | | | | | | | | |
| <5 | — | — | 127 | 15.2 | — | — | 562 | 10.6 |
| 5.00–8.99 | — | — | 157 | 18.8 | — | — | 855 | 16.2 |
| 9.00–14.99 | — | — | 230 | 27.5 | — | — | 1,315 | 24.9 |
| ≥15 | — | — | 322 | 38.5 | — | — | 2,549 | 48.3 |
| Gini index (%) | | | | | | | | |
| <38 | — | — | 139 | 16.6 | — | — | 955 | 18.1 |
| 38.00–41.99 | — | — | 187 | 22.4 | — | — | 1,309 | 24.8 |
| 42.00–45.99 | — | — | 208 | 25.0 | — | — | 1,228 | 23.3 |
| ≥46 | — | — | 301 | 36.0 | — | — | 1,789 | 33.9 |
| Subtotal^b | — | — | 852 | 100 | — | — | 5,383 | 100 |
| Total^c | 22,055 | 100 | 1,917 | 100 | 1,123 | 100 | 7,943 | 100 |

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

Note. Data have been statistically adjusted to account for missing transmission category. Row entries indicate categories based on census tracts; data reflect the census tract of the person's residential address at the time they received an HIV diagnosis. For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2018_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 2018 in these areas. See Technical Notes for exclusion criteria.

Table 4. Diagnoses of HIV infection among adults, by percentage living below federal poverty level, sex at birth, and area of residence, 2018—census tract level, United States and Puerto Rico

| Area of residence | Below federal poverty level (%) | | | | | | | | | | | |
|--------------------------|---------------------------------|-------------|-------------------|--------------|-------------|-------------------|--------------|-------------|-------------------|---------------|-------------|-------------------|
| | <6 | | | 6.00–10.99 | | | 11.00–17.99 | | | ≥18 | | |
| | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a |
| | Male | | | | | | | | | | | |
| Alabama | 13 | 5.5 | 35 | 54 | 12.1 | 22 | 114 | 21.1 | 21 | 194 | 33.9 | 21 |
| Alaska | 5 | 5.7 | — | 6 | 4.9 | — | 1 | 1.8 | — | 5 | 20.3 | — |
| Arizona | 62 | 11.2 | 15 | 90 | 12.6 | 20 | 133 | 24.2 | 17 | 265 | 33.3 | 22 |
| Arkansas | 14 | 14.8 | 9 | 35 | 13.2 | 16 | 49 | 12.2 | 31 | 62 | 17.8 | 35 |
| California | 394 | 12.0 | 14 | 829 | 18.8 | 11 | 978 | 25.8 | 13 | 1,229 | 38.0 | 17 |
| Colorado | 56 | 7.6 | 22 | 78 | 13.1 | 17 | 122 | 24.5 | 14 | 75 | 25.9 | 25 |
| Connecticut | 47 | 6.9 | 25 | 33 | 10.2 | 27 | 40 | 21.9 | 20 | 69 | 39.6 | 16 |
| Delaware | 11 | 11.6 | — | 16 | 11.4 | 24 | 23 | 27.2 | 11 | 17 | 45.4 | 12 |
| District of Columbia | 18 | 34.1 | 1 | 19 | 39.1 | 1 | 55 | 61.8 | 1 | 64 | 87.6 | 1 |
| Florida | 282 | 20.3 | 4 | 761 | 31.0 | 3 | 939 | 40.7 | 6 | 1,445 | 80.9 | 2 |
| Georgia | 164 | 23.4 | 2 | 337 | 34.1 | 2 | 486 | 45.8 | 4 | 683 | 69.6 | 4 |
| Hawaii | 14 | 6.5 | 29 | 18 | 9.5 | 28 | 18 | 18.0 | 23 | 9 | 17.6 | — |
| Idaho | 2 | 3.2 | — | 8 | 3.2 | — | 9 | 4.4 | — | 5 | 4.8 | — |
| Illinois | 124 | 8.7 | 20 | 187 | 12.6 | 19 | 233 | 22.8 | 18 | 421 | 48.4 | 10 |
| Indiana | 48 | 7.4 | 23 | 52 | 6.9 | 36 | 68 | 11.9 | 32 | 156 | 32.4 | 23 |
| Iowa | 13 | 4.5 | 36 | 29 | 6.0 | 38 | 18 | 7.2 | 40 | 22 | 13.8 | 38 |
| Kansas | 21 | 6.6 | 28 | 23 | 6.5 | 37 | 21 | 9.7 | 37 | 44 | 22.9 | 30 |
| Kentucky | 29 | 12.4 | 13 | 53 | 13.8 | 15 | 64 | 15.0 | 27 | 120 | 19.5 | 33 |
| Louisiana | 22 | 14.3 | 10 | 95 | 23.0 | 8 | 155 | 30.0 | 9 | 345 | 54.8 | 7 |
| Maine | 1 | 1.0 | — | 7 | 3.8 | — | 10 | 6.3 | — | 3 | 3.9 | — |
| Maryland | 190 | 19.2 | 5 | 191 | 28.6 | 5 | 164 | 46.1 | 3 | 145 | 74.4 | 3 |
| Massachusetts | 73 | 6.8 | 26 | 89 | 12.7 | 18 | 118 | 26.3 | 12 | 131 | 34.7 | 20 |
| Michigan | 36 | 3.7 | 37 | 76 | 7.3 | 32 | 77 | 8.4 | 38 | 205 | 25.1 | 26 |
| Minnesota | 48 | 5.9 | 33 | 51 | 7.0 | 33 | 56 | 17.1 | 24 | 47 | 22.0 | 32 |
| Mississippi | 16 | 17.2 | 7 | 42 | 24.8 | 7 | 80 | 22.1 | 19 | 186 | 40.6 | 14 |
| Missouri | 43 | 8.0 | 21 | 78 | 12.0 | 23 | 92 | 15.3 | 26 | 135 | 27.6 | 24 |
| Montana | 0 | 0.0 | — | 5 | 3.4 | — | 6 | 5.5 | — | 7 | 7.4 | — |
| Nebraska | 12 | 5.6 | 34 | 16 | 6.9 | 34 | 16 | 10.1 | 36 | 24 | 24.8 | 27 |
| Nevada | 46 | 18.7 | 6 | 103 | 26.5 | 6 | 100 | 40.9 | 5 | 153 | 62.7 | 5 |
| New Hampshire | 8 | 2.9 | — | 3 | 2.1 | — | 9 | 12.3 | — | 3 | 8.7 | — |
| New Jersey | 157 | 9.8 | 16 | 146 | 18.0 | 13 | 167 | 34.1 | 8 | 259 | 61.7 | 6 |
| New Mexico | 4 | 4.8 | — | 11 | 8.7 | — | 29 | 11.6 | 33 | 20 | 6.5 | 41 |
| New York | 175 | 8.7 | 19 | 341 | 16.8 | 14 | 462 | 28.8 | 10 | 883 | 50.7 | 9 |
| North Carolina | 15 | 2.2 | 39 | 32 | 3.1 | 40 | 42 | 3.7 | 41 | 45 | 5.0 | 42 |
| North Dakota | 6 | 8.1 | — | 6 | 4.8 | — | 5 | 7.8 | — | 3 | 8.8 | — |
| Ohio | 82 | 6.5 | 30 | 126 | 10.6 | 25 | 146 | 15.3 | 25 | 384 | 40.6 | 15 |
| Oklahoma | 25 | 9.8 | 17 | 24 | 6.9 | 35 | 54 | 11.3 | 34 | 90 | 24.4 | 28 |
| Oregon | 15 | 6.5 | 31 | 43 | 9.1 | 29 | 61 | 11.0 | 35 | 56 | 17.5 | 37 |
| Pennsylvania | 99 | 6.0 | 32 | 116 | 7.5 | 31 | 118 | 13.4 | 30 | 421 | 51.2 | 8 |
| Puerto Rico | 0 | 0.0 | — | 0 | 0.0 | — | 24 | 47.4 | 2 | 291 | 24.4 | 29 |
| Rhode Island | 13 | 9.5 | 18 | 13 | 12.3 | 21 | 10 | 14.5 | — | 18 | 19.2 | 34 |
| South Carolina | 52 | 15.6 | 8 | 88 | 18.3 | 12 | 132 | 24.2 | 16 | 196 | 41.1 | 13 |
| South Dakota | 1 | 1.3 | — | 2 | 2.0 | — | 10 | 11.1 | — | 7 | 12.4 | — |
| Tennessee | 52 | 12.8 | 12 | 128 | 19.6 | 10 | 136 | 18.8 | 22 | 256 | 37.1 | 18 |
| Texas | 509 | 20.6 | 3 | 770 | 28.9 | 4 | 867 | 34.9 | 7 | 1,147 | 46.2 | 11 |
| Utah | 27 | 6.6 | 27 | 27 | 8.3 | 30 | 26 | 14.3 | 28 | 19 | 13.4 | 39 |
| Vermont | 4 | 6.7 | — | 6 | 5.8 | — | 3 | 5.4 | — | 2 | 7.0 | — |
| Virginia | 157 | 13.0 | 11 | 181 | 19.9 | 9 | 159 | 24.3 | 15 | 143 | 36.1 | 19 |
| Washington | 55 | 7.1 | 24 | 107 | 10.3 | 26 | 87 | 13.6 | 29 | 64 | 17.6 | 36 |
| West Virginia | 2 | 3.9 | — | 4 | 2.6 | — | 9 | 3.5 | — | 16 | 6.6 | 40 |
| Wisconsin | 22 | 3.1 | 38 | 44 | 5.5 | 39 | 33 | 8.2 | 39 | 67 | 22.8 | 31 |
| Wyoming | 1 | 2.1 | — | 0 | 0.0 | — | 2 | 3.3 | — | 3 | 12.3 | — |
| Total^b | 3,285 | 10.5 | — | 5,599 | 16.0 | — | 6,836 | 23.4 | — | 10,659 | 39.7 | — |

Table 4. Diagnoses of HIV infection among adults, by percentage living below federal poverty level, sex at birth, and area of residence, 2018—census tract level, United States and Puerto Rico (cont)

| Area of residence | Below federal poverty level (%) | | | | | | | | | | | |
|--------------------------|---------------------------------|------------|-------------------|--------------|------------|-------------------|--------------|------------|-------------------|--------------|-------------|-------------------|
| | <6 | | | 6.00–10.99 | | | 11.00–17.99 | | | ≥18 | | |
| | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a |
| | Female | | | | | | | | | | | |
| Alabama | 3 | 1.2 | — | 14 | 2.9 | 13 | 12 | 2.1 | 27 | 61 | 9.5 | 16 |
| Alaska | 0 | 0.0 | — | 2 | 1.8 | — | 0 | 0.0 | — | 1 | 4.6 | — |
| Arizona | 8 | 1.4 | — | 17 | 2.2 | 15 | 14 | 2.5 | 25 | 45 | 5.8 | 25 |
| Arkansas | 1 | 1.0 | — | 5 | 1.8 | — | 8 | 1.9 | — | 23 | 6.0 | 23 |
| California | 45 | 1.3 | 13 | 82 | 1.8 | 18 | 113 | 2.9 | 20 | 190 | 5.7 | 26 |
| Colorado | 6 | 0.8 | — | 11 | 1.8 | — | 12 | 2.4 | 26 | 9 | 3.2 | — |
| Connecticut | 6 | 0.8 | — | 7 | 2.0 | — | 12 | 6.1 | 13 | 30 | 15.4 | 7 |
| Delaware | 4 | 4.0 | — | 5 | 3.3 | — | 7 | 7.3 | — | 6 | 14.0 | — |
| District of Columbia | 1 | 1.8 | — | 3 | 5.7 | — | 15 | 14.7 | 2 | 29 | 32.9 | 1 |
| Florida | 38 | 2.5 | 5 | 146 | 5.5 | 3 | 266 | 10.9 | 3 | 428 | 22.6 | 2 |
| Georgia | 38 | 5.1 | 2 | 69 | 6.4 | 2 | 115 | 9.9 | 5 | 240 | 22.4 | 3 |
| Hawaii | 1 | 0.5 | — | 1 | 0.5 | — | 2 | 1.9 | — | 2 | 3.9 | — |
| Idaho | 0 | 0.0 | — | 1 | 0.4 | — | 2 | 1.0 | — | 2 | 1.9 | — |
| Illinois | 20 | 1.3 | 12 | 24 | 1.5 | 20 | 49 | 4.6 | 16 | 99 | 10.3 | 14 |
| Indiana | 7 | 1.0 | — | 19 | 2.4 | 14 | 16 | 2.6 | 24 | 49 | 9.4 | 17 |
| Iowa | 1 | 0.3 | — | 8 | 1.6 | — | 9 | 3.4 | — | 9 | 5.7 | — |
| Kansas | 4 | 1.2 | — | 4 | 1.1 | — | 6 | 2.7 | — | 10 | 5.2 | — |
| Kentucky | 3 | 1.2 | — | 10 | 2.5 | — | 13 | 2.9 | 21 | 39 | 5.9 | 24 |
| Louisiana | 5 | 3.0 | — | 19 | 4.4 | 7 | 43 | 7.9 | 9 | 151 | 21.8 | 4 |
| Maine | 1 | 0.9 | — | 1 | 0.5 | — | 0 | 0.0 | — | 1 | 1.2 | — |
| Maryland | 64 | 6.0 | 1 | 88 | 11.9 | 1 | 62 | 15.6 | 1 | 46 | 20.3 | 6 |
| Massachusetts | 26 | 2.2 | 9 | 27 | 3.5 | 10 | 49 | 10.1 | 4 | 64 | 15.4 | 8 |
| Michigan | 8 | 0.8 | — | 9 | 0.8 | — | 20 | 2.0 | 28 | 66 | 7.4 | 21 |
| Minnesota | 18 | 2.1 | 10 | 13 | 1.7 | 19 | 14 | 4.1 | 17 | 18 | 8.4 | 19 |
| Mississippi | 1 | 1.0 | — | 6 | 3.3 | — | 20 | 5.1 | 15 | 67 | 13.1 | 10 |
| Missouri | 6 | 1.1 | — | 3 | 0.4 | — | 10 | 1.6 | — | 21 | 3.9 | 31 |
| Montana | 0 | 0.0 | — | 1 | 0.7 | — | 0 | 0.0 | — | 2 | 2.1 | — |
| Nebraska | 0 | 0.0 | — | 1 | 0.4 | — | 1 | 0.6 | — | 4 | 4.2 | — |
| Nevada | 4 | 1.6 | — | 11 | 2.8 | — | 14 | 5.8 | 14 | 29 | 12.6 | 11 |
| New Hampshire | 2 | 0.7 | — | 1 | 0.6 | — | 1 | 1.3 | — | 2 | 6.0 | — |
| New Jersey | 31 | 1.8 | 11 | 36 | 4.1 | 8 | 49 | 9.5 | 6 | 93 | 20.3 | 5 |
| New Mexico | 1 | 1.2 | — | 3 | 2.3 | — | 2 | 0.8 | — | 7 | 2.2 | — |
| New York | 52 | 2.4 | 6 | 78 | 3.5 | 9 | 109 | 6.4 | 12 | 234 | 11.8 | 12 |
| North Carolina | 3 | 0.4 | — | 7 | 0.6 | — | 11 | 0.9 | — | 14 | 1.4 | 32 |
| North Dakota | 2 | 2.8 | — | 4 | 3.4 | — | 5 | 8.0 | — | 1 | 3.3 | — |
| Ohio | 15 | 1.1 | 15 | 26 | 2.0 | 16 | 29 | 2.8 | 23 | 82 | 7.9 | 20 |
| Oklahoma | 2 | 0.8 | — | 6 | 1.6 | — | 14 | 2.8 | 22 | 20 | 5.3 | 29 |
| Oregon | 3 | 1.2 | — | 8 | 1.6 | — | 10 | 1.7 | — | 7 | 2.2 | — |
| Pennsylvania | 21 | 1.2 | 14 | 31 | 1.9 | 17 | 36 | 3.8 | 18 | 122 | 13.1 | 9 |
| Puerto Rico | 0 | 0.0 | — | 0 | 0.0 | — | 3 | 5.0 | — | 68 | 5.0 | 30 |
| Rhode Island | 1 | 0.7 | — | 1 | 0.9 | — | 3 | 3.9 | — | 8 | 7.9 | — |
| South Carolina | 15 | 4.2 | 3 | 26 | 5.0 | 5 | 50 | 8.4 | 7 | 52 | 9.7 | 15 |
| South Dakota | 1 | 1.3 | — | 1 | 1.0 | — | 1 | 1.1 | — | 1 | 1.8 | — |
| Tennessee | 8 | 1.8 | — | 22 | 3.1 | 11 | 24 | 3.1 | 19 | 70 | 9.2 | 18 |
| Texas | 81 | 3.1 | 4 | 128 | 4.7 | 6 | 213 | 8.3 | 8 | 297 | 11.6 | 13 |
| Utah | 1 | 0.2 | — | 3 | 0.9 | — | 0 | 0.0 | — | 4 | 3.0 | — |
| Vermont | 1 | 1.6 | — | 1 | 0.9 | — | 0 | 0.0 | — | 1 | 3.4 | — |
| Virginia | 29 | 2.3 | 7 | 53 | 5.5 | 4 | 48 | 6.9 | 10 | 31 | 7.3 | 22 |
| Washington | 18 | 2.3 | 8 | 31 | 2.9 | 12 | 42 | 6.6 | 11 | 20 | 5.5 | 28 |
| West Virginia | 0 | 0.0 | — | 3 | 1.9 | — | 4 | 1.5 | — | 5 | 2.0 | — |
| Wisconsin | 0 | 0.0 | — | 4 | 0.5 | — | 3 | 0.7 | — | 18 | 5.7 | 27 |
| Wyoming | 0 | 0.0 | — | 0 | 0.0 | — | 0 | 0.0 | — | 0 | 0.0 | — |
| Total^b | 606 | 1.8 | — | 1,080 | 2.9 | — | 1,561 | 5.1 | — | 2,898 | 10.1 | — |

Table 4. Diagnoses of HIV infection among adults, by percentage living below federal poverty level, sex at birth, and area of residence, 2018—census tract level, United States and Puerto Rico (cont)

| Area of residence | Below federal poverty level (%) | | | | | | | | | | | |
|--------------------------|---------------------------------|------------|-------------------|--------------|------------|-------------------|--------------|-------------|-------------------|---------------|-------------|-------------------|
| | <6 | | | 6.00–10.99 | | | 11.00–17.99 | | | ≥18 | | |
| | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a |
| | Total | | | | | | | | | | | |
| Alabama | 16 | 3.2 | 35 | 68 | 7.3 | 19 | 126 | 11.2 | 21 | 255 | 21.0 | 21 |
| Alaska | 5 | 3.0 | — | 8 | 3.4 | — | 1 | 1.0 | — | 6 | 12.9 | — |
| Arizona | 70 | 6.2 | 16 | 107 | 7.2 | 20 | 147 | 13.1 | 20 | 310 | 19.7 | 23 |
| Arkansas | 15 | 7.7 | 10 | 40 | 7.3 | 18 | 57 | 7.0 | 34 | 85 | 11.7 | 35 |
| California | 439 | 6.5 | 15 | 911 | 10.1 | 13 | 1,091 | 14.2 | 15 | 1,419 | 21.7 | 19 |
| Colorado | 62 | 4.1 | 26 | 89 | 7.4 | 17 | 134 | 13.5 | 18 | 84 | 14.8 | 27 |
| Connecticut | 53 | 3.8 | 29 | 40 | 5.9 | 27 | 52 | 13.6 | 16 | 99 | 26.8 | 13 |
| Delaware | 15 | 7.7 | 11 | 21 | 7.2 | 21 | 30 | 16.7 | 12 | 23 | 28.6 | 11 |
| District of Columbia | 19 | 17.4 | 1 | 22 | 21.7 | 1 | 70 | 36.6 | 1 | 93 | 57.7 | 1 |
| Florida | 320 | 11.1 | 5 | 907 | 17.7 | 4 | 1,205 | 25.4 | 4 | 1,873 | 50.9 | 2 |
| Georgia | 202 | 13.9 | 2 | 406 | 19.7 | 3 | 601 | 27.0 | 3 | 923 | 44.9 | 4 |
| Hawaii | 15 | 3.5 | 33 | 19 | 5.0 | 30 | 20 | 9.7 | 25 | 11 | 10.8 | — |
| Idaho | 2 | 1.6 | — | 9 | 1.8 | — | 11 | 2.7 | — | 7 | 3.3 | — |
| Illinois | 144 | 4.9 | 21 | 211 | 6.9 | 22 | 282 | 13.6 | 17 | 520 | 28.5 | 12 |
| Indiana | 55 | 4.2 | 25 | 71 | 4.6 | 32 | 84 | 7.1 | 31 | 205 | 20.4 | 22 |
| Iowa | 14 | 2.4 | 37 | 37 | 3.8 | 37 | 27 | 5.2 | 39 | 31 | 9.8 | 38 |
| Kansas | 25 | 3.8 | 28 | 27 | 3.8 | 38 | 27 | 6.1 | 36 | 54 | 14.0 | 31 |
| Kentucky | 32 | 6.7 | 14 | 63 | 8.0 | 15 | 77 | 8.8 | 28 | 159 | 12.5 | 34 |
| Louisiana | 27 | 8.4 | 9 | 114 | 13.4 | 8 | 198 | 18.7 | 9 | 496 | 37.5 | 7 |
| Maine | 2 | 1.0 | — | 8 | 2.1 | — | 10 | 3.0 | — | 4 | 2.5 | — |
| Maryland | 254 | 12.3 | 3 | 279 | 19.8 | 2 | 226 | 30.0 | 2 | 191 | 45.3 | 3 |
| Massachusetts | 99 | 4.4 | 24 | 116 | 7.8 | 16 | 167 | 17.9 | 10 | 195 | 24.6 | 15 |
| Michigan | 44 | 2.2 | 38 | 85 | 4.0 | 36 | 97 | 5.1 | 40 | 271 | 15.9 | 24 |
| Minnesota | 66 | 4.0 | 27 | 64 | 4.3 | 34 | 70 | 10.5 | 23 | 65 | 15.2 | 25 |
| Mississippi | 17 | 8.7 | 8 | 48 | 13.7 | 7 | 100 | 13.3 | 19 | 253 | 26.1 | 14 |
| Missouri | 49 | 4.5 | 23 | 81 | 6.0 | 26 | 102 | 8.2 | 30 | 156 | 15.2 | 26 |
| Montana | 0 | 0.0 | — | 6 | 2.0 | — | 6 | 2.8 | — | 9 | 4.8 | — |
| Nebraska | 12 | 2.7 | 36 | 17 | 3.6 | 39 | 17 | 5.3 | 38 | 28 | 14.5 | 29 |
| Nevada | 50 | 10.0 | 6 | 114 | 14.5 | 6 | 114 | 23.5 | 6 | 182 | 38.4 | 6 |
| New Hampshire | 10 | 1.8 | — | 4 | 1.3 | — | 10 | 6.7 | — | 5 | 7.4 | — |
| New Jersey | 188 | 5.7 | 17 | 182 | 10.8 | 12 | 216 | 21.5 | 7 | 352 | 40.1 | 5 |
| New Mexico | 5 | 2.9 | — | 14 | 5.5 | 28 | 31 | 6.0 | 37 | 27 | 4.3 | 40 |
| New York | 227 | 5.4 | 18 | 419 | 9.9 | 14 | 571 | 17.2 | 11 | 1,117 | 29.9 | 9 |
| North Carolina | 18 | 1.3 | 40 | 39 | 1.8 | 41 | 53 | 2.2 | 43 | 59 | 3.1 | 42 |
| North Dakota | 8 | 5.5 | — | 10 | 4.1 | — | 10 | 7.9 | — | 4 | 6.2 | — |
| Ohio | 97 | 3.7 | 31 | 152 | 6.2 | 25 | 175 | 8.8 | 27 | 466 | 23.5 | 17 |
| Oklahoma | 27 | 5.2 | 19 | 30 | 4.2 | 35 | 68 | 7.0 | 33 | 110 | 14.7 | 28 |
| Oregon | 18 | 3.8 | 30 | 51 | 5.3 | 29 | 71 | 6.3 | 35 | 63 | 9.8 | 37 |
| Pennsylvania | 120 | 3.5 | 32 | 147 | 4.7 | 31 | 154 | 8.5 | 29 | 543 | 31.0 | 8 |
| Puerto Rico | 0 | 0.0 | — | 0 | 0.0 | — | 27 | 24.4 | 5 | 359 | 14.1 | 30 |
| Rhode Island | 14 | 4.9 | 20 | 14 | 6.3 | 24 | 13 | 8.9 | 26 | 26 | 13.3 | 33 |
| South Carolina | 67 | 9.7 | 7 | 114 | 11.4 | 10 | 182 | 16.0 | 13 | 248 | 24.5 | 16 |
| South Dakota | 2 | 1.3 | — | 3 | 1.5 | — | 11 | 6.1 | — | 8 | 7.2 | — |
| Tennessee | 60 | 7.1 | 13 | 150 | 11.1 | 11 | 160 | 10.8 | 22 | 326 | 22.5 | 18 |
| Texas | 590 | 11.7 | 4 | 898 | 16.6 | 5 | 1,080 | 21.4 | 8 | 1,444 | 28.7 | 10 |
| Utah | 28 | 3.4 | 34 | 30 | 4.6 | 33 | 26 | 7.0 | 32 | 23 | 8.4 | 39 |
| Vermont | 5 | 4.1 | — | 7 | 3.3 | — | 3 | 2.6 | — | 3 | 5.2 | — |
| Virginia | 186 | 7.5 | 12 | 234 | 12.4 | 9 | 207 | 15.3 | 14 | 174 | 21.2 | 20 |
| Washington | 73 | 4.7 | 22 | 138 | 6.6 | 23 | 129 | 10.2 | 24 | 84 | 11.5 | 36 |
| West Virginia | 2 | 1.9 | — | 7 | 2.2 | — | 13 | 2.4 | 42 | 21 | 4.2 | 41 |
| Wisconsin | 22 | 1.5 | 39 | 48 | 3.0 | 40 | 36 | 4.5 | 41 | 85 | 13.9 | 32 |
| Wyoming | 1 | 1.0 | — | 0 | 0.0 | — | 2 | 1.7 | — | 3 | 6.5 | — |
| Total^b | 3,891 | 6.1 | — | 6,679 | 9.3 | — | 8,397 | 14.0 | — | 13,557 | 24.4 | — |

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, 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). Rates are per 100,000 population. Reported numbers less than 12, and rates based on these numbers, should be interpreted with caution. For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2018_ACSSubjectDefinitions.pdf.

^a Based on rate. Ranks were not assigned to areas with rates that were based on reported numbers less than 12.

^b Totals do not represent all adults whose HIV infection was diagnosed during 2018 in these areas. See Technical Notes for exclusion criteria.

Table 5. Diagnoses of HIV infection among adults, by percentage with less than high school diploma, sex at birth, and area of residence, 2018—census tract level, United States and Puerto Rico

| Area of residence | Less than high school diploma (%) | | | | | | | | | | | |
|--------------------------|-----------------------------------|-------------|-------------------|--------------|-------------|-------------------|--------------|-------------|-------------------|--------------|-------------|-------------------|
| | <6 | | | 6.00–9.99 | | | 10.00–17.99 | | | ≥18 | | |
| | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a |
| | Male | | | | | | | | | | | |
| Alabama | 47 | 15.4 | 12 | 55 | 18.6 | 14 | 134 | 22.1 | 17 | 140 | 23.8 | 29 |
| Alaska | 8 | 7.4 | — | 1 | 1.0 | — | 6 | 8.4 | — | 2 | 14.0 | — |
| Arizona | 102 | 12.8 | 19 | 85 | 16.9 | 15 | 134 | 21.5 | 19 | 229 | 32.9 | 18 |
| Arkansas | 41 | 24.9 | 7 | 25 | 13.8 | 19 | 44 | 8.9 | 40 | 50 | 18.7 | 36 |
| California | 553 | 15.0 | 13 | 417 | 16.8 | 16 | 705 | 21.7 | 18 | 1,755 | 32.4 | 19 |
| Colorado | 90 | 8.9 | 29 | 65 | 14.8 | 18 | 73 | 17.2 | 24 | 103 | 38.7 | 12 |
| Connecticut | 33 | 5.9 | 38 | 32 | 9.3 | 29 | 61 | 20.8 | 20 | 63 | 36.9 | 16 |
| Delaware | 12 | 13.0 | 18 | 13 | 12.8 | 23 | 27 | 23.6 | 13 | 15 | 31.7 | 20 |
| District of Columbia | 35 | 31.3 | 2 | 18 | 51.5 | 1 | 67 | 84.4 | 1 | 36 | 96.4 | 1 |
| Florida | 546 | 27.9 | 5 | 625 | 33.9 | 4 | 1,028 | 43.4 | 3 | 1,236 | 69.2 | 2 |
| Georgia | 269 | 37.7 | 1 | 333 | 45.0 | 2 | 616 | 49.5 | 2 | 452 | 43.5 | 8 |
| Hawaii | 25 | 10.5 | 26 | 12 | 7.7 | 33 | 20 | 14.7 | 27 | 2 | 7.3 | — |
| Idaho | 8 | 4.4 | — | 3 | 1.6 | — | 8 | 4.5 | — | 5 | 7.3 | — |
| Illinois | 193 | 12.3 | 21 | 156 | 13.0 | 21 | 272 | 23.9 | 12 | 344 | 38.7 | 13 |
| Indiana | 39 | 7.8 | 33 | 62 | 9.3 | 30 | 110 | 12.4 | 31 | 113 | 27.7 | 23 |
| Iowa | 25 | 5.2 | 40 | 16 | 3.9 | 39 | 22 | 10.8 | 35 | 19 | 20.6 | 33 |
| Kansas | 35 | 8.4 | 30 | 21 | 6.8 | 36 | 33 | 14.4 | 28 | 20 | 15.4 | 37 |
| Kentucky | 39 | 13.3 | 17 | 70 | 25.4 | 8 | 88 | 14.9 | 26 | 69 | 13.6 | 39 |
| Louisiana | 70 | 30.8 | 3 | 70 | 24.6 | 10 | 207 | 35.6 | 6 | 270 | 43.4 | 9 |
| Maine | 8 | 4.4 | — | 6 | 3.2 | — | 7 | 4.8 | — | 0 | 0.0 | — |
| Maryland | 140 | 18.5 | 9 | 176 | 27.7 | 7 | 197 | 37.4 | 5 | 177 | 57.4 | 3 |
| Massachusetts | 83 | 7.4 | 35 | 73 | 12.1 | 24 | 99 | 19.3 | 21 | 156 | 41.1 | 10 |
| Michigan | 59 | 5.0 | 41 | 83 | 7.4 | 35 | 153 | 14.3 | 29 | 99 | 24.6 | 26 |
| Minnesota | 68 | 7.2 | 36 | 53 | 7.7 | 34 | 36 | 10.7 | 36 | 45 | 37.6 | 15 |
| Mississippi | 27 | 28.5 | 4 | 46 | 29.4 | 5 | 122 | 28.9 | 8 | 129 | 31.5 | 21 |
| Missouri | 85 | 13.7 | 16 | 87 | 15.9 | 17 | 106 | 13.3 | 30 | 70 | 22.5 | 31 |
| Montana | 6 | 3.7 | — | 5 | 3.4 | — | 6 | 7.1 | — | 1 | 9.0 | — |
| Nebraska | 20 | 7.1 | 37 | 11 | 5.1 | — | 22 | 16.9 | 25 | 15 | 19.5 | 35 |
| Nevada | 39 | 18.4 | 10 | 74 | 25.4 | 9 | 136 | 42.9 | 4 | 153 | 50.5 | 5 |
| New Hampshire | 6 | 2.7 | — | 4 | 2.0 | — | 10 | 11.4 | — | 3 | 15.9 | — |
| New Jersey | 122 | 10.0 | 28 | 114 | 13.3 | 20 | 192 | 26.6 | 10 | 301 | 57.0 | 4 |
| New Mexico | 13 | 8.0 | 32 | 12 | 9.7 | 27 | 18 | 8.2 | 41 | 22 | 7.9 | 40 |
| New York | 230 | 11.6 | 23 | 207 | 12.9 | 22 | 471 | 24.7 | 11 | 955 | 50.4 | 6 |
| North Carolina | 21 | 2.4 | 42 | 23 | 3.3 | 40 | 47 | 3.7 | 42 | 43 | 4.7 | 41 |
| North Dakota | 12 | 11.9 | 22 | 3 | 2.3 | — | 5 | 8.5 | — | 0 | 0.0 | — |
| Ohio | 152 | 11.3 | 24 | 144 | 11.9 | 25 | 222 | 17.9 | 22 | 220 | 38.1 | 14 |
| Oklahoma | 41 | 14.5 | 15 | 34 | 9.9 | 26 | 51 | 9.6 | 38 | 67 | 22.7 | 30 |
| Oregon | 55 | 12.3 | 20 | 37 | 9.0 | 31 | 59 | 10.5 | 37 | 24 | 14.8 | 38 |
| Pennsylvania | 124 | 8.3 | 31 | 140 | 9.4 | 28 | 241 | 17.7 | 23 | 249 | 45.6 | 7 |
| Puerto Rico | 11 | 32.8 | — | 23 | 37.7 | 3 | 71 | 22.6 | 15 | 210 | 24.6 | 27 |
| Rhode Island | 12 | 11.2 | 25 | 12 | 9.9 | — | 12 | 11.7 | 34 | 18 | 23.9 | 28 |
| South Carolina | 71 | 16.7 | 11 | 67 | 18.9 | 13 | 165 | 28.7 | 9 | 165 | 33.4 | 17 |
| South Dakota | 2 | 1.9 | — | 4 | 3.3 | — | 10 | 13.5 | — | 4 | 14.5 | — |
| Tennessee | 100 | 19.6 | 8 | 108 | 23.9 | 11 | 205 | 22.4 | 16 | 159 | 26.4 | 24 |
| Texas | 585 | 26.9 | 6 | 471 | 27.8 | 6 | 765 | 30.7 | 7 | 1,475 | 39.1 | 11 |
| Utah | 34 | 7.5 | 34 | 15 | 5.6 | 37 | 28 | 12.0 | 32 | 22 | 21.2 | 32 |
| Vermont | 4 | 4.4 | — | 5 | 5.0 | — | 6 | 11.2 | — | 0 | 0.0 | — |
| Virginia | 148 | 14.6 | 14 | 145 | 20.3 | 12 | 223 | 23.1 | 14 | 124 | 25.2 | 25 |
| Washington | 105 | 10.2 | 27 | 67 | 8.7 | 32 | 89 | 11.9 | 33 | 52 | 19.6 | 34 |
| West Virginia | 4 | 4.3 | — | 8 | 6.2 | — | 12 | 3.4 | 43 | 7 | 5.2 | — |
| Wisconsin | 50 | 5.7 | 39 | 34 | 4.6 | 38 | 43 | 9.3 | 39 | 39 | 27.8 | 22 |
| Wyoming | 2 | 2.5 | — | 2 | 2.2 | — | 2 | 3.8 | — | 0 | 0.0 | — |
| Total^b | 4,609 | 13.5 | — | 4,372 | 15.7 | — | 7,486 | 22.6 | — | 9,927 | 36.0 | — |

Table 5. Diagnoses of HIV infection among adults, by percentage with less than high school diploma, sex at birth, and area of residence, 2018—census tract level, United States and Puerto Rico (cont)

| Area of residence | Less than high school diploma (%) | | | | | | | | | | | |
|--------------------------|-----------------------------------|------------|-------------------|------------|------------|-------------------|--------------|------------|-------------------|--------------|------------|-------------------|
| | <6 | | | 6.00–9.99 | | | 10.00–17.99 | | | ≥18 | | |
| | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a |
| | Female | | | | | | | | | | | |
| Alabama | 9 | 2.7 | — | 11 | 3.3 | — | 34 | 5.0 | 18 | 36 | 5.7 | 26 |
| Alaska | 1 | 1.0 | — | 0 | 0.0 | — | 2 | 3.1 | — | 0 | 0.0 | — |
| Arizona | 13 | 1.5 | 14 | 16 | 3.0 | 12 | 15 | 2.3 | 30 | 40 | 6.0 | 24 |
| Arkansas | 4 | 2.3 | — | 2 | 1.0 | — | 15 | 2.9 | 26 | 16 | 5.8 | 25 |
| California | 42 | 1.1 | 17 | 49 | 1.9 | 18 | 92 | 2.7 | 28 | 247 | 4.6 | 29 |
| Colorado | 11 | 1.1 | — | 11 | 2.5 | — | 6 | 1.4 | — | 10 | 4.0 | — |
| Connecticut | 5 | 0.8 | — | 6 | 1.6 | — | 15 | 4.7 | 19 | 29 | 16.0 | 7 |
| Delaware | 1 | 1.0 | — | 8 | 7.1 | — | 6 | 4.7 | — | 7 | 15.2 | — |
| District of Columbia | 2 | 1.6 | — | 11 | 29.0 | — | 20 | 21.0 | 1 | 15 | 36.3 | 1 |
| Florida | 61 | 2.9 | 6 | 128 | 6.3 | 4 | 278 | 10.8 | 4 | 411 | 23.1 | 2 |
| Georgia | 40 | 5.3 | 2 | 72 | 8.7 | 1 | 182 | 13.0 | 3 | 168 | 15.6 | 8 |
| Hawaii | 2 | 0.9 | — | 2 | 1.2 | — | 1 | 0.7 | — | 1 | 3.7 | — |
| Idaho | 1 | 0.5 | — | 1 | 0.5 | — | 2 | 1.1 | — | 1 | 1.5 | — |
| Illinois | 27 | 1.6 | 12 | 39 | 3.0 | 13 | 63 | 5.1 | 17 | 63 | 7.1 | 22 |
| Indiana | 8 | 1.5 | — | 11 | 1.6 | — | 37 | 3.9 | 24 | 35 | 8.3 | 18 |
| Iowa | 6 | 1.2 | — | 8 | 1.9 | — | 3 | 1.4 | — | 10 | 10.7 | — |
| Kansas | 8 | 1.9 | — | 3 | 1.0 | — | 8 | 3.4 | — | 5 | 4.0 | — |
| Kentucky | 5 | 1.6 | — | 7 | 2.4 | — | 27 | 4.3 | 21 | 26 | 4.9 | 28 |
| Louisiana | 9 | 3.7 | — | 24 | 7.7 | 3 | 52 | 8.2 | 8 | 133 | 20.6 | 3 |
| Maine | 1 | 0.5 | — | 2 | 1.0 | — | 0 | 0.0 | — | 0 | 0.0 | — |
| Maryland | 51 | 6.1 | 1 | 59 | 8.4 | 2 | 90 | 15.4 | 2 | 60 | 19.5 | 5 |
| Massachusetts | 20 | 1.6 | 11 | 22 | 3.4 | 10 | 44 | 8.0 | 9 | 80 | 19.6 | 4 |
| Michigan | 12 | 1.0 | 18 | 16 | 1.3 | 19 | 43 | 3.8 | 25 | 32 | 7.7 | 20 |
| Minnesota | 21 | 2.1 | 8 | 14 | 2.0 | 16 | 15 | 4.4 | 20 | 13 | 11.0 | 11 |
| Mississippi | 3 | 2.9 | — | 4 | 2.2 | — | 45 | 9.7 | 5 | 42 | 9.6 | 15 |
| Missouri | 5 | 0.8 | — | 5 | 0.8 | — | 21 | 2.5 | 29 | 9 | 2.9 | — |
| Montana | 0 | 0.0 | — | 1 | 0.7 | — | 2 | 2.4 | — | 0 | 0.0 | — |
| Nebraska | 0 | 0.0 | — | 3 | 1.3 | — | 2 | 1.5 | — | 1 | 1.4 | — |
| Nevada | 3 | 1.4 | — | 6 | 2.0 | — | 20 | 6.3 | 10 | 29 | 10.4 | 13 |
| New Hampshire | 2 | 0.9 | — | 2 | 1.0 | — | 0 | 0.0 | — | 2 | 10.6 | — |
| New Jersey | 24 | 1.8 | 10 | 23 | 2.5 | 14 | 74 | 9.5 | 6 | 88 | 16.3 | 6 |
| New Mexico | 3 | 1.7 | — | 1 | 0.7 | — | 3 | 1.3 | — | 6 | 2.2 | — |
| New York | 35 | 1.6 | 13 | 61 | 3.5 | 9 | 129 | 6.2 | 11 | 249 | 12.0 | 10 |
| North Carolina | 4 | 0.4 | — | 8 | 1.1 | — | 13 | 0.9 | 31 | 10 | 1.0 | — |
| North Dakota | 4 | 4.1 | — | 4 | 3.3 | — | 4 | 7.1 | — | 0 | 0.0 | — |
| Ohio | 16 | 1.1 | 16 | 25 | 1.9 | 17 | 54 | 4.0 | 23 | 57 | 9.8 | 14 |
| Oklahoma | 6 | 2.0 | — | 0 | 0.0 | — | 16 | 2.9 | 27 | 20 | 7.0 | 23 |
| Oregon | 7 | 1.5 | — | 6 | 1.4 | — | 10 | 1.7 | — | 5 | 3.1 | — |
| Pennsylvania | 20 | 1.2 | 15 | 34 | 2.1 | 15 | 76 | 5.3 | 16 | 80 | 14.2 | 9 |
| Puerto Rico | 0 | 0.0 | — | 4 | 5.3 | — | 20 | 5.3 | 15 | 47 | 5.0 | 27 |
| Rhode Island | 0 | 0.0 | — | 1 | 0.7 | — | 2 | 1.8 | — | 10 | 12.6 | — |
| South Carolina | 20 | 4.4 | 3 | 21 | 5.4 | 5 | 57 | 8.9 | 7 | 45 | 8.6 | 16 |
| South Dakota | 1 | 1.0 | — | 1 | 0.8 | — | 1 | 1.4 | — | 1 | 3.8 | — |
| Tennessee | 14 | 2.5 | 7 | 23 | 4.7 | 6 | 40 | 4.1 | 22 | 47 | 7.5 | 21 |
| Texas | 89 | 3.9 | 4 | 73 | 4.0 | 7 | 158 | 6.0 | 12 | 399 | 10.7 | 12 |
| Utah | 2 | 0.4 | — | 0 | 0.0 | — | 2 | 0.9 | — | 4 | 4.1 | — |
| Vermont | 2 | 2.0 | — | 1 | 1.0 | — | 0 | 0.0 | — | 0 | 0.0 | — |
| Virginia | 33 | 3.1 | 5 | 24 | 3.1 | 11 | 62 | 6.0 | 13 | 42 | 8.4 | 17 |
| Washington | 22 | 2.1 | 9 | 29 | 3.7 | 8 | 40 | 5.3 | 14 | 20 | 7.8 | 19 |
| West Virginia | 1 | 1.0 | — | 2 | 1.5 | — | 7 | 1.9 | — | 2 | 1.4 | — |
| Wisconsin | 4 | 0.4 | — | 4 | 0.5 | — | 7 | 1.5 | — | 10 | 7.0 | — |
| Wyoming | 0 | 0.0 | — | 0 | 0.0 | — | 0 | 0.0 | — | 0 | 0.0 | — |
| Total^b | 680 | 1.9 | — | 888 | 3.0 | — | 1,915 | 5.4 | — | 2,663 | 9.5 | — |

Table 5. Diagnoses of HIV infection among adults, by percentage with less than high school diploma, sex at birth, and area of residence, 2018—census tract level, United States and Puerto Rico (cont)

| Area of residence | Less than high school diploma (%) | | | | | | | | | | | |
|--------------------------|-----------------------------------|------------|-------------------|--------------|------------|-------------------|--------------|-------------|-------------------|---------------|-------------|-------------------|
| | <6 | | | 6.00–9.99 | | | 10.00–17.99 | | | ≥18 | | |
| | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a |
| | Total | | | | | | | | | | | |
| Alabama | 56 | 8.8 | 12 | 66 | 10.6 | 14 | 168 | 13.0 | 17 | 176 | 14.5 | 30 |
| Alaska | 9 | 4.4 | — | 1 | 0.5 | — | 8 | 5.9 | — | 2 | 7.6 | — |
| Arizona | 115 | 7.0 | 19 | 101 | 9.7 | 16 | 149 | 11.8 | 21 | 269 | 19.7 | 20 |
| Arkansas | 45 | 13.2 | 7 | 27 | 7.0 | 24 | 59 | 5.8 | 39 | 66 | 12.1 | 35 |
| California | 595 | 7.9 | 16 | 466 | 9.2 | 17 | 797 | 12.0 | 20 | 2,002 | 18.6 | 21 |
| Colorado | 101 | 5.0 | 30 | 76 | 8.6 | 18 | 79 | 9.3 | 25 | 113 | 21.9 | 17 |
| Connecticut | 38 | 3.3 | 38 | 38 | 5.3 | 29 | 76 | 12.5 | 19 | 92 | 26.1 | 11 |
| Delaware | 13 | 6.7 | 22 | 21 | 9.8 | 15 | 33 | 13.6 | 14 | 22 | 23.6 | 15 |
| District of Columbia | 37 | 15.6 | 3 | 29 | 39.8 | 1 | 87 | 49.8 | 1 | 51 | 64.8 | 1 |
| Florida | 607 | 14.9 | 6 | 753 | 19.5 | 4 | 1,306 | 26.5 | 3 | 1,647 | 46.2 | 2 |
| Georgia | 309 | 21.0 | 1 | 405 | 25.9 | 2 | 798 | 30.2 | 2 | 620 | 29.3 | 10 |
| Hawaii | 27 | 5.8 | 26 | 14 | 4.4 | 35 | 21 | 7.6 | 32 | 3 | 5.5 | — |
| Idaho | 9 | 2.4 | — | 4 | 1.0 | — | 10 | 2.8 | — | 6 | 4.5 | — |
| Illinois | 220 | 6.8 | 20 | 195 | 7.8 | 21 | 335 | 14.1 | 13 | 407 | 23.0 | 16 |
| Indiana | 47 | 4.6 | 34 | 73 | 5.3 | 28 | 147 | 8.0 | 30 | 148 | 17.8 | 23 |
| Iowa | 31 | 3.2 | 39 | 24 | 2.9 | 39 | 25 | 6.1 | 38 | 29 | 15.6 | 28 |
| Kansas | 43 | 5.1 | 29 | 24 | 3.9 | 37 | 41 | 8.8 | 28 | 25 | 9.8 | 37 |
| Kentucky | 44 | 7.2 | 17 | 77 | 13.5 | 10 | 115 | 9.5 | 24 | 95 | 9.2 | 38 |
| Louisiana | 79 | 16.7 | 2 | 94 | 15.8 | 6 | 259 | 21.3 | 6 | 403 | 31.8 | 5 |
| Maine | 9 | 2.4 | — | 8 | 2.1 | — | 7 | 2.4 | — | 0 | 0.0 | — |
| Maryland | 191 | 12.0 | 8 | 235 | 17.6 | 5 | 287 | 25.8 | 4 | 237 | 38.5 | 3 |
| Massachusetts | 103 | 4.4 | 35 | 95 | 7.6 | 23 | 143 | 13.4 | 15 | 236 | 30.0 | 8 |
| Michigan | 71 | 2.9 | 41 | 99 | 4.3 | 36 | 196 | 8.9 | 27 | 131 | 16.0 | 27 |
| Minnesota | 89 | 4.6 | 33 | 67 | 4.8 | 33 | 51 | 7.5 | 33 | 58 | 24.4 | 13 |
| Mississippi | 30 | 15.1 | 4 | 50 | 14.9 | 8 | 167 | 18.8 | 7 | 171 | 20.1 | 19 |
| Missouri | 90 | 7.0 | 18 | 92 | 8.1 | 19 | 127 | 7.7 | 31 | 79 | 12.6 | 34 |
| Montana | 6 | 1.8 | — | 6 | 2.0 | — | 8 | 4.8 | — | 1 | 4.5 | — |
| Nebraska | 20 | 3.5 | 37 | 14 | 3.1 | 38 | 24 | 9.2 | 26 | 16 | 10.7 | 36 |
| Nevada | 42 | 9.7 | 11 | 80 | 13.4 | 11 | 156 | 24.5 | 5 | 182 | 31.4 | 6 |
| New Hampshire | 8 | 1.8 | — | 6 | 1.5 | — | 10 | 5.6 | — | 5 | 13.3 | — |
| New Jersey | 146 | 5.7 | 27 | 137 | 7.7 | 22 | 266 | 17.7 | 10 | 389 | 36.4 | 4 |
| New Mexico | 16 | 4.8 | 31 | 13 | 5.0 | 32 | 21 | 4.7 | 41 | 28 | 5.0 | 40 |
| New York | 265 | 6.4 | 23 | 268 | 8.0 | 20 | 600 | 15.0 | 11 | 1,204 | 30.3 | 7 |
| North Carolina | 25 | 1.4 | 42 | 31 | 2.1 | 42 | 60 | 2.2 | 43 | 53 | 2.8 | 41 |
| North Dakota | 16 | 8.0 | 15 | 7 | 2.8 | — | 9 | 7.8 | — | 0 | 0.0 | — |
| Ohio | 168 | 6.1 | 25 | 169 | 6.7 | 25 | 276 | 10.7 | 23 | 277 | 23.9 | 14 |
| Oklahoma | 47 | 8.1 | 14 | 34 | 4.8 | 34 | 67 | 6.2 | 36 | 87 | 15.0 | 29 |
| Oregon | 62 | 6.8 | 21 | 43 | 5.1 | 31 | 69 | 6.1 | 37 | 29 | 9.0 | 39 |
| Pennsylvania | 144 | 4.6 | 32 | 174 | 5.6 | 27 | 317 | 11.3 | 22 | 329 | 29.7 | 9 |
| Puerto Rico | 11 | 14.9 | — | 27 | 19.8 | 3 | 91 | 13.1 | 16 | 257 | 14.3 | 31 |
| Rhode Island | 12 | 5.4 | 28 | 13 | 5.1 | 30 | 14 | 6.5 | 34 | 28 | 18.1 | 22 |
| South Carolina | 91 | 10.3 | 10 | 88 | 11.8 | 12 | 222 | 18.3 | 8 | 210 | 20.6 | 18 |
| South Dakota | 3 | 1.4 | — | 5 | 2.0 | — | 11 | 7.6 | — | 5 | 9.3 | — |
| Tennessee | 114 | 10.6 | 9 | 131 | 13.9 | 9 | 245 | 12.9 | 18 | 206 | 16.7 | 26 |
| Texas | 674 | 15.1 | 5 | 544 | 15.5 | 7 | 923 | 17.9 | 9 | 1,874 | 25.0 | 12 |
| Utah | 36 | 3.9 | 36 | 15 | 2.8 | 40 | 30 | 6.4 | 35 | 26 | 12.9 | 33 |
| Vermont | 6 | 3.2 | — | 6 | 3.0 | — | 6 | 5.4 | — | 0 | 0.0 | — |
| Virginia | 181 | 8.7 | 13 | 169 | 11.4 | 13 | 285 | 14.2 | 12 | 166 | 16.8 | 25 |
| Washington | 127 | 6.1 | 24 | 96 | 6.2 | 26 | 129 | 8.6 | 29 | 72 | 13.8 | 32 |
| West Virginia | 5 | 2.7 | — | 10 | 3.8 | — | 19 | 2.6 | 42 | 9 | 3.3 | — |
| Wisconsin | 54 | 3.0 | 40 | 38 | 2.5 | 41 | 50 | 5.4 | 40 | 49 | 17.3 | 24 |
| Wyoming | 2 | 1.3 | — | 2 | 1.1 | — | 2 | 1.9 | — | 0 | 0.0 | — |
| Total^b | 5,289 | 7.5 | — | 5,260 | 9.1 | — | 9,401 | 13.7 | — | 12,590 | 22.6 | — |

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, and the proportion of residents in the census tract with less than a high school diploma (individuals aged 18 years and older). Rates are per 100,000 population. Reported numbers less than 12, and rates based on these numbers, should be interpreted with caution. For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2018_ACSSubjectDefinitions.pdf.

^a Based on rate. Ranks were not assigned to areas with rates that were based on reported numbers less than 12.

^b Totals do not represent all adults whose HIV infection was diagnosed during 2018 in these areas. See Technical Notes for exclusion criteria.

Table 6. Diagnoses of HIV infection among adults, by median household income, sex at birth, and area of residence, 2018—census tract level, United States and Puerto Rico

| Area of residence | Median household income (U.S. \$) | | | | | | | | | | | |
|--------------------------|-----------------------------------|-------------|-------------------|---------------|-------------|-------------------|---------------|-------------|-------------------|--------------|-------------|-------------------|
| | <42,000 | | | 42,000–56,999 | | | 57,000–77,999 | | | ≥78,000 | | |
| | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a |
| | Male | | | | | | | | | | | |
| Alabama | 225 | 35.0 | 19 | 88 | 15.2 | 24 | 45 | 12.6 | 24 | 17 | 7.9 | 23 |
| Alaska | 2 | 12.1 | — | 3 | 7.6 | — | 4 | 4.6 | — | 8 | 5.6 | — |
| Arizona | 225 | 32.2 | 21 | 139 | 20.3 | 22 | 114 | 18.0 | 15 | 72 | 12.2 | 14 |
| Arkansas | 79 | 18.2 | 36 | 40 | 10.0 | 37 | 34 | 16.3 | 17 | 6 | 10.0 | — |
| California | 783 | 40.6 | 13 | 853 | 30.4 | 11 | 872 | 24.0 | 7 | 920 | 14.5 | 9 |
| Colorado | 56 | 24.4 | 25 | 117 | 25.8 | 15 | 98 | 16.0 | 18 | 59 | 7.2 | 25 |
| Connecticut | 70 | 44.9 | 12 | 39 | 25.0 | 17 | 38 | 12.0 | 25 | 42 | 5.8 | 33 |
| Delaware | 10 | 44.6 | — | 29 | 29.5 | 12 | 19 | 14.2 | 21 | 9 | 8.9 | — |
| District of Columbia | 45 | 110.4 | 1 | 22 | 88.5 | 1 | 34 | 107.3 | 1 | 54 | 32.9 | 1 |
| Florida | 1,509 | 71.7 | 3 | 942 | 38.2 | 5 | 633 | 31.7 | 4 | 340 | 24.9 | 2 |
| Georgia | 651 | 67.0 | 5 | 433 | 44.4 | 3 | 385 | 41.5 | 2 | 201 | 23.4 | 3 |
| Hawaii | 3 | 9.8 | — | 21 | 33.2 | 9 | 14 | 8.9 | 31 | 21 | 6.9 | 27 |
| Idaho | 5 | 4.3 | — | 14 | 5.3 | 42 | 5 | 2.7 | — | 0 | 0.0 | — |
| Illinois | 363 | 47.5 | 9 | 238 | 21.3 | 20 | 206 | 15.1 | 20 | 158 | 10.2 | 17 |
| Indiana | 172 | 31.1 | 22 | 71 | 9.6 | 38 | 55 | 7.3 | 34 | 26 | 6.3 | 30 |
| Iowa | 16 | 11.2 | 38 | 42 | 10.2 | 35 | 12 | 2.6 | 40 | 12 | 7.1 | 26 |
| Kansas | 49 | 23.3 | 27 | 28 | 7.9 | 40 | 17 | 6.3 | 35 | 15 | 6.0 | 32 |
| Kentucky | 121 | 18.9 | 35 | 54 | 11.9 | 30 | 76 | 20.3 | 13 | 15 | 7.9 | 22 |
| Louisiana | 338 | 55.0 | 7 | 148 | 31.3 | 10 | 95 | 22.5 | 9 | 35 | 17.3 | 8 |
| Maine | 6 | 5.6 | — | 7 | 4.8 | — | 6 | 2.9 | — | 2 | 3.0 | — |
| Maryland | 115 | 77.3 | 2 | 147 | 51.9 | 2 | 177 | 34.6 | 3 | 251 | 19.9 | 5 |
| Massachusetts | 87 | 35.8 | 17 | 99 | 28.7 | 13 | 103 | 17.1 | 16 | 121 | 8.6 | 20 |
| Michigan | 213 | 24.3 | 26 | 90 | 8.4 | 39 | 56 | 5.3 | 37 | 35 | 4.7 | 34 |
| Minnesota | 36 | 19.3 | 34 | 55 | 12.5 | 29 | 63 | 8.4 | 32 | 48 | 6.7 | 28 |
| Mississippi | 202 | 39.4 | 14 | 66 | 21.1 | 21 | 44 | 23.0 | 8 | 12 | 18.1 | 6 |
| Missouri | 153 | 26.3 | 23 | 86 | 11.8 | 32 | 75 | 13.0 | 22 | 34 | 8.7 | 19 |
| Montana | 8 | 8.8 | — | 5 | 3.4 | — | 4 | 2.7 | — | 1 | 5.0 | — |
| Nebraska | 17 | 21.3 | 31 | 30 | 11.8 | 31 | 14 | 6.1 | 36 | 7 | 5.0 | — |
| Nevada | 172 | 67.3 | 4 | 88 | 36.3 | 7 | 99 | 25.9 | 6 | 43 | 17.8 | 7 |
| New Hampshire | 1 | 3.5 | — | 8 | 9.5 | — | 8 | 4.5 | — | 6 | 2.5 | — |
| New Jersey | 202 | 63.1 | 6 | 173 | 43.3 | 4 | 158 | 20.2 | 14 | 196 | 10.8 | 15 |
| New Mexico | 22 | 7.3 | 40 | 22 | 10.3 | 34 | 16 | 9.2 | 30 | 4 | 5.0 | — |
| New York | 610 | 52.1 | 8 | 431 | 28.7 | 14 | 414 | 21.8 | 10 | 402 | 14.5 | 10 |
| North Carolina | 49 | 4.5 | 42 | 44 | 3.5 | 43 | 33 | 4.0 | 39 | 8 | 1.4 | — |
| North Dakota | 4 | 10.9 | — | 4 | 5.9 | — | 6 | 5.3 | — | 6 | 7.6 | — |
| Ohio | 399 | 39.1 | 15 | 148 | 12.6 | 28 | 126 | 9.5 | 28 | 65 | 7.9 | 21 |
| Oklahoma | 93 | 21.9 | 30 | 57 | 11.1 | 33 | 30 | 9.3 | 29 | 12 | 6.4 | — |
| Oregon | 23 | 9.1 | 39 | 58 | 12.6 | 27 | 70 | 12.7 | 23 | 24 | 7.6 | 24 |
| Pennsylvania | 385 | 46.7 | 10 | 168 | 12.7 | 26 | 118 | 7.7 | 33 | 79 | 6.6 | 29 |
| Puerto Rico | 295 | 24.8 | 24 | 20 | 34.6 | 8 | 0 | 0.0 | — | 0 | 0.0 | — |
| Rhode Island | 15 | 22.4 | 29 | 18 | 21.9 | 19 | 8 | 6.8 | — | 13 | 9.3 | 18 |
| South Carolina | 229 | 39.0 | 16 | 133 | 25.3 | 16 | 71 | 15.2 | 19 | 35 | 14.1 | 11 |
| South Dakota | 12 | 20.9 | 32 | 5 | 4.6 | — | 1 | 0.9 | — | 2 | 4.6 | — |
| Tennessee | 265 | 33.3 | 20 | 149 | 19.0 | 23 | 114 | 21.0 | 11 | 44 | 12.8 | 13 |
| Texas | 1,052 | 46.1 | 11 | 916 | 36.3 | 6 | 754 | 29.5 | 5 | 570 | 21.0 | 4 |
| Utah | 19 | 19.8 | 33 | 22 | 10.1 | 36 | 34 | 9.6 | 27 | 24 | 6.1 | 31 |
| Vermont | 1 | 4.8 | — | 5 | 6.2 | — | 7 | 6.1 | — | 2 | 6.5 | — |
| Virginia | 147 | 35.2 | 18 | 166 | 24.3 | 18 | 143 | 20.9 | 12 | 184 | 13.3 | 12 |
| Washington | 37 | 15.7 | 37 | 77 | 13.1 | 25 | 83 | 9.8 | 26 | 116 | 10.3 | 16 |
| West Virginia | 16 | 5.4 | 41 | 11 | 4.1 | — | 3 | 2.6 | — | 1 | 3.5 | — |
| Wisconsin | 67 | 22.5 | 28 | 48 | 7.1 | 41 | 36 | 4.7 | 38 | 15 | 3.2 | 35 |
| Wyoming | 1 | 6.4 | — | 2 | 2.8 | — | 2 | 2.3 | — | 1 | 2.0 | — |
| Total^b | 9,675 | 38.4 | — | 6,679 | 22.1 | — | 5,632 | 17.6 | — | 4,373 | 12.6 | — |

Table 6. Diagnoses of HIV infection among adults, by median household income, sex at birth, and area of residence, 2018—census tract level, United States and Puerto Rico (cont)

| Area of residence | Median household income (U.S. \$) | | | | | | | | | | | |
|--------------------------|-----------------------------------|-------------|-------------------|---------------|------------|-------------------|---------------|------------|-------------------|------------|------------|-------------------|
| | <42,000 | | | 42,000–56,999 | | | 57,000–77,999 | | | ≥78,000 | | |
| | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a |
| | Female | | | | | | | | | | | |
| Alabama | 60 | 8.3 | 18 | 15 | 2.4 | 25 | 10 | 2.6 | — | 5 | 2.2 | — |
| Alaska | 0 | 0.0 | — | 1 | 3.0 | — | 1 | 1.3 | — | 1 | 0.7 | — |
| Arizona | 42 | 6.0 | 23 | 19 | 2.7 | 23 | 16 | 2.4 | 14 | 7 | 1.1 | — |
| Arkansas | 20 | 4.3 | 28 | 15 | 3.6 | 18 | 1 | 0.5 | — | 1 | 1.6 | — |
| California | 119 | 6.0 | 24 | 123 | 4.3 | 15 | 102 | 2.7 | 13 | 86 | 1.3 | 11 |
| Colorado | 7 | 3.1 | — | 10 | 2.2 | — | 11 | 1.8 | — | 10 | 1.2 | — |
| Connecticut | 25 | 14.3 | 8 | 19 | 10.9 | 4 | 4 | 1.2 | — | 7 | 0.9 | — |
| Delaware | 5 | 19.2 | — | 8 | 7.2 | — | 7 | 4.8 | — | 2 | 1.9 | — |
| District of Columbia | 23 | 42.1 | 1 | 7 | 23.3 | — | 8 | 22.4 | — | 10 | 5.7 | — |
| Florida | 456 | 20.4 | 5 | 253 | 9.5 | 6 | 115 | 5.4 | 5 | 54 | 3.7 | 2 |
| Georgia | 230 | 21.3 | 3 | 112 | 10.5 | 5 | 89 | 8.9 | 2 | 31 | 3.4 | 4 |
| Hawaii | 1 | 3.3 | — | 0 | 0.0 | — | 1 | 0.6 | — | 4 | 1.3 | — |
| Idaho | 2 | 1.7 | — | 2 | 0.7 | — | 0 | 0.0 | — | 1 | 1.8 | — |
| Illinois | 94 | 11.1 | 14 | 51 | 4.3 | 14 | 26 | 1.8 | 16 | 21 | 1.3 | 12 |
| Indiana | 50 | 8.2 | 19 | 22 | 2.8 | 22 | 14 | 1.8 | 17 | 5 | 1.2 | — |
| Iowa | 7 | 4.9 | — | 15 | 3.5 | 19 | 4 | 0.9 | — | 1 | 0.6 | — |
| Kansas | 10 | 4.7 | — | 8 | 2.2 | — | 1 | 0.4 | — | 5 | 1.9 | — |
| Kentucky | 40 | 5.8 | 25 | 12 | 2.5 | 24 | 10 | 2.5 | — | 3 | 1.5 | — |
| Louisiana | 164 | 23.8 | 2 | 30 | 6.1 | 10 | 16 | 3.6 | 12 | 7 | 3.2 | — |
| Maine | 1 | 0.9 | — | 0 | 0.0 | — | 2 | 0.9 | — | 0 | 0.0 | — |
| Maryland | 36 | 20.1 | 6 | 56 | 17.2 | 1 | 72 | 12.7 | 1 | 96 | 7.1 | 1 |
| Massachusetts | 53 | 18.9 | 7 | 44 | 11.8 | 3 | 40 | 6.1 | 3 | 29 | 1.9 | 9 |
| Michigan | 69 | 7.2 | 22 | 18 | 1.6 | 27 | 7 | 0.6 | — | 9 | 1.2 | — |
| Minnesota | 19 | 9.8 | 16 | 14 | 3.1 | 21 | 15 | 2.0 | 15 | 15 | 2.0 | 8 |
| Mississippi | 73 | 12.7 | 11 | 13 | 3.9 | 17 | 6 | 2.9 | — | 2 | 2.7 | — |
| Missouri | 25 | 3.9 | 29 | 10 | 1.3 | — | 1 | 0.2 | — | 4 | 1.0 | — |
| Montana | 2 | 2.2 | — | 1 | 0.7 | — | 0 | 0.0 | — | 0 | 0.0 | — |
| Nebraska | 4 | 4.8 | — | 1 | 0.4 | — | 1 | 0.4 | — | 0 | 0.0 | — |
| Nevada | 30 | 12.6 | 13 | 13 | 5.3 | 13 | 12 | 3.1 | — | 3 | 1.2 | — |
| New Hampshire | 1 | 3.6 | — | 2 | 2.3 | — | 1 | 0.5 | — | 2 | 0.8 | — |
| New Jersey | 76 | 20.9 | 4 | 55 | 12.6 | 2 | 46 | 5.5 | 4 | 32 | 1.6 | 10 |
| New Mexico | 6 | 1.9 | — | 4 | 1.8 | — | 1 | 0.6 | — | 2 | 2.4 | — |
| New York | 179 | 12.8 | 10 | 110 | 6.8 | 9 | 99 | 4.9 | 6 | 85 | 2.8 | 6 |
| North Carolina | 18 | 1.5 | 31 | 12 | 0.9 | 28 | 4 | 0.4 | — | 1 | 0.2 | — |
| North Dakota | 2 | 6.1 | — | 4 | 6.0 | — | 4 | 3.7 | — | 2 | 2.7 | — |
| Ohio | 91 | 8.0 | 21 | 27 | 2.1 | 26 | 24 | 1.7 | 18 | 10 | 1.2 | — |
| Oklahoma | 24 | 5.5 | 26 | 10 | 1.9 | — | 6 | 1.8 | — | 2 | 1.0 | — |
| Oregon | 5 | 1.9 | — | 10 | 2.1 | — | 10 | 1.8 | — | 3 | 0.9 | — |
| Pennsylvania | 118 | 12.6 | 12 | 55 | 3.9 | 16 | 21 | 1.3 | 19 | 15 | 1.2 | 13 |
| Puerto Rico | 70 | 5.2 | 27 | 1 | 1.5 | — | 0 | 0.0 | — | 0 | 0.0 | — |
| Rhode Island | 9 | 12.5 | — | 2 | 2.2 | — | 2 | 1.5 | — | 0 | 0.0 | — |
| South Carolina | 70 | 10.5 | 15 | 41 | 7.3 | 8 | 23 | 4.5 | 8 | 9 | 3.4 | — |
| South Dakota | 1 | 1.7 | — | 1 | 0.9 | — | 1 | 0.9 | — | 1 | 2.2 | — |
| Tennessee | 70 | 8.0 | 20 | 26 | 3.1 | 20 | 23 | 3.9 | 11 | 5 | 1.3 | — |
| Texas | 308 | 12.9 | 9 | 197 | 7.7 | 7 | 121 | 4.6 | 7 | 93 | 3.3 | 5 |
| Utah | 4 | 4.3 | — | 1 | 0.5 | — | 2 | 0.5 | — | 1 | 0.3 | — |
| Vermont | 0 | 0.0 | — | 0 | 0.0 | — | 3 | 2.5 | — | 0 | 0.0 | — |
| Virginia | 41 | 8.9 | 17 | 39 | 5.4 | 12 | 29 | 4.0 | 10 | 52 | 3.6 | 3 |
| Washington | 10 | 4.1 | — | 33 | 5.5 | 11 | 39 | 4.5 | 9 | 29 | 2.5 | 7 |
| West Virginia | 5 | 1.6 | — | 4 | 1.4 | — | 3 | 2.6 | — | 0 | 0.0 | — |
| Wisconsin | 12 | 3.7 | 30 | 11 | 1.6 | — | 2 | 0.3 | — | 0 | 0.0 | — |
| Wyoming | 0 | 0.0 | — | 0 | 0.0 | — | 0 | 0.0 | — | 0 | 0.0 | — |
| Total^b | 2,787 | 10.2 | — | 1,537 | 4.8 | — | 1,056 | 3.1 | — | 763 | 2.1 | — |

Table 6. Diagnoses of HIV infection among adults, by median household income, sex at birth, and area of residence, 2018—census tract level, United States and Puerto Rico (cont)

| Area of residence | Median household income (U.S. \$) | | | | | | | | | | | |
|--------------------------|-----------------------------------|-------------|-------------------|---------------|-------------|-------------------|---------------|-------------|-------------------|--------------|------------|-------------------|
| | <42,000 | | | 42,000–56,999 | | | 57,000–77,999 | | | ≥78,000 | | |
| | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a |
| | Total | | | | | | | | | | | |
| Alabama | 285 | 20.8 | 20 | 103 | 8.5 | 25 | 55 | 7.4 | 22 | 22 | 4.9 | 19 |
| Alaska | 2 | 6.6 | — | 4 | 5.4 | — | 5 | 3.0 | — | 9 | 3.2 | — |
| Arizona | 267 | 19.1 | 22 | 158 | 11.4 | 22 | 130 | 10.0 | 16 | 79 | 6.5 | 14 |
| Arkansas | 99 | 10.9 | 37 | 55 | 6.7 | 32 | 35 | 8.1 | 21 | 7 | 5.7 | — |
| California | 902 | 23.0 | 17 | 976 | 17.2 | 13 | 974 | 13.2 | 7 | 1,006 | 7.8 | 12 |
| Colorado | 63 | 13.7 | 30 | 127 | 14.0 | 18 | 109 | 8.9 | 19 | 69 | 4.1 | 26 |
| Connecticut | 95 | 28.7 | 11 | 58 | 17.5 | 11 | 42 | 6.4 | 26 | 49 | 3.3 | 33 |
| Delaware | 15 | 31.0 | 8 | 37 | 17.7 | 10 | 26 | 9.3 | 18 | 11 | 5.3 | — |
| District of Columbia | 68 | 71.3 | 1 | 29 | 52.8 | 1 | 42 | 62.3 | 1 | 64 | 18.8 | 1 |
| Florida | 1,965 | 45.2 | 3 | 1,195 | 23.3 | 5 | 748 | 18.1 | 4 | 394 | 14.0 | 2 |
| Georgia | 881 | 43.0 | 4 | 545 | 26.7 | 4 | 474 | 24.6 | 2 | 232 | 13.1 | 4 |
| Hawaii | 4 | 6.5 | — | 21 | 16.8 | 14 | 15 | 4.8 | 31 | 25 | 4.1 | 27 |
| Idaho | 7 | 3.0 | — | 16 | 3.0 | 42 | 5 | 1.3 | — | 1 | 0.9 | — |
| Illinois | 457 | 28.3 | 13 | 289 | 12.6 | 19 | 232 | 8.3 | 20 | 179 | 5.6 | 17 |
| Indiana | 222 | 19.0 | 23 | 93 | 6.2 | 35 | 69 | 4.5 | 33 | 31 | 3.7 | 31 |
| Iowa | 23 | 8.0 | 39 | 57 | 6.8 | 31 | 16 | 1.7 | 40 | 13 | 3.8 | 30 |
| Kansas | 59 | 14.0 | 29 | 36 | 5.0 | 39 | 18 | 3.3 | 35 | 20 | 4.0 | 28 |
| Kentucky | 161 | 12.1 | 35 | 66 | 7.1 | 30 | 86 | 11.2 | 15 | 18 | 4.6 | 21 |
| Louisiana | 502 | 38.5 | 7 | 178 | 18.4 | 9 | 111 | 12.9 | 9 | 42 | 10.0 | 7 |
| Maine | 7 | 3.2 | — | 7 | 2.3 | — | 8 | 1.9 | — | 2 | 1.5 | — |
| Maryland | 151 | 46.1 | 2 | 203 | 33.3 | 2 | 249 | 23.1 | 3 | 347 | 13.2 | 3 |
| Massachusetts | 140 | 26.8 | 14 | 143 | 19.9 | 8 | 143 | 11.4 | 14 | 150 | 5.1 | 18 |
| Michigan | 282 | 15.3 | 25 | 108 | 4.9 | 40 | 63 | 2.9 | 37 | 44 | 2.9 | 35 |
| Minnesota | 55 | 14.5 | 27 | 69 | 7.7 | 27 | 78 | 5.2 | 29 | 63 | 4.3 | 24 |
| Mississippi | 275 | 25.3 | 15 | 79 | 12.3 | 20 | 50 | 12.6 | 11 | 14 | 10.1 | 6 |
| Missouri | 178 | 14.5 | 26 | 96 | 6.5 | 33 | 76 | 6.4 | 25 | 38 | 4.7 | 20 |
| Montana | 10 | 5.5 | — | 6 | 2.0 | — | 4 | 1.3 | — | 1 | 2.5 | — |
| Nebraska | 21 | 12.9 | 32 | 31 | 6.0 | 36 | 15 | 3.3 | 36 | 7 | 2.4 | — |
| Nevada | 202 | 40.9 | 5 | 101 | 20.6 | 7 | 111 | 14.4 | 6 | 46 | 9.3 | 8 |
| New Hampshire | 2 | 3.6 | — | 10 | 5.8 | — | 9 | 2.5 | — | 8 | 1.6 | — |
| New Jersey | 278 | 40.6 | 6 | 228 | 27.3 | 3 | 204 | 12.7 | 10 | 228 | 6.1 | 16 |
| New Mexico | 28 | 4.6 | 41 | 26 | 5.9 | 37 | 17 | 4.8 | 32 | 6 | 3.7 | — |
| New York | 789 | 30.8 | 9 | 541 | 17.3 | 12 | 513 | 13.1 | 8 | 487 | 8.4 | 10 |
| North Carolina | 67 | 2.9 | 43 | 56 | 2.1 | 44 | 37 | 2.2 | 39 | 9 | 0.7 | — |
| North Dakota | 6 | 8.6 | — | 8 | 5.9 | — | 10 | 4.5 | — | 8 | 5.2 | — |
| Ohio | 490 | 22.7 | 18 | 175 | 7.2 | 29 | 150 | 5.5 | 27 | 75 | 4.5 | 23 |
| Oklahoma | 117 | 13.5 | 31 | 67 | 6.4 | 34 | 36 | 5.4 | 28 | 14 | 3.6 | 32 |
| Oregon | 28 | 5.5 | 40 | 68 | 7.3 | 28 | 80 | 7.1 | 24 | 27 | 4.2 | 25 |
| Pennsylvania | 503 | 28.6 | 12 | 223 | 8.2 | 26 | 139 | 4.4 | 34 | 94 | 3.8 | 29 |
| Puerto Rico | 365 | 14.4 | 28 | 21 | 16.7 | 15 | 0 | 0.0 | — | 0 | 0.0 | — |
| Rhode Island | 24 | 17.3 | 24 | 20 | 11.5 | 21 | 10 | 4.0 | — | 13 | 4.5 | 22 |
| South Carolina | 299 | 23.9 | 16 | 174 | 15.9 | 16 | 94 | 9.6 | 17 | 44 | 8.5 | 9 |
| South Dakota | 13 | 11.3 | 36 | 6 | 2.8 | — | 2 | 0.9 | — | 3 | 3.4 | — |
| Tennessee | 335 | 20.0 | 21 | 175 | 10.8 | 23 | 137 | 12.2 | 13 | 49 | 6.8 | 13 |
| Texas | 1,360 | 29.1 | 10 | 1,113 | 21.9 | 6 | 875 | 16.9 | 5 | 663 | 11.9 | 5 |
| Utah | 23 | 12.1 | 34 | 23 | 5.3 | 38 | 36 | 5.0 | 30 | 25 | 3.2 | 34 |
| Vermont | 1 | 2.4 | — | 5 | 3.0 | — | 10 | 4.2 | — | 2 | 3.2 | — |
| Virginia | 188 | 21.4 | 19 | 205 | 14.6 | 17 | 172 | 12.2 | 12 | 236 | 8.3 | 11 |
| Washington | 47 | 9.9 | 38 | 110 | 9.3 | 24 | 122 | 7.2 | 23 | 145 | 6.4 | 15 |
| West Virginia | 21 | 3.4 | 42 | 15 | 2.7 | 43 | 6 | 2.6 | — | 1 | 1.7 | — |
| Wisconsin | 79 | 12.8 | 33 | 59 | 4.3 | 41 | 38 | 2.4 | 38 | 15 | 1.6 | 36 |
| Wyoming | 1 | 3.3 | — | 2 | 1.4 | — | 2 | 1.1 | — | 1 | 1.0 | — |
| Total^b | 12,462 | 23.7 | — | 8,216 | 13.3 | — | 6,688 | 10.2 | — | 5,136 | 7.2 | — |

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, and the median income (based on all age groups) for a household within the census tract during the 12 months before the survey response. Rates are per 100,000 population. Reported numbers less than 12, and rates based on these numbers, should be interpreted with caution. For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2018_ACSSubjectDefinitions.pdf.

^a Based on rate. Ranks were not assigned to areas with rates that were based on reported numbers less than 12.

^b Totals do not represent all adults whose HIV infection was diagnosed during 2018 in these areas. See Technical Notes for exclusion criteria.

Table 7. Diagnoses of HIV infection among adults, by percentage without health insurance, sex at birth, and area of residence, 2018—census tract level, United States and Puerto Rico

| Area of residence | Without health insurance (%) | | | | | | | | | | | |
|--------------------------|------------------------------|-------------|-------------------|--------------|-------------|-------------------|--------------|-------------|-------------------|---------------|-------------|-------------------|
| | <5 | | | 5.00–8.99 | | | 9.00–14.99 | | | ≥15 | | |
| | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a |
| Male | | | | | | | | | | | | |
| Alabama | 20 | 9.6 | 23 | 63 | 15.7 | 18 | 118 | 17.5 | 26 | 175 | 34.3 | 19 |
| Alaska | 1 | 4.3 | — | 4 | 14.6 | — | 3 | 3.3 | — | 9 | 6.0 | — |
| Arizona | 57 | 10.0 | 19 | 97 | 15.4 | 19 | 122 | 18.3 | 25 | 274 | 36.7 | 15 |
| Arkansas | 14 | 11.6 | 14 | 41 | 10.5 | 30 | 80 | 19.3 | 24 | 25 | 13.9 | 34 |
| California | 545 | 13.4 | 8 | 776 | 19.4 | 12 | 972 | 27.4 | 14 | 1,137 | 36.3 | 16 |
| Colorado | 43 | 6.6 | 31 | 82 | 13.5 | 25 | 84 | 16.8 | 29 | 122 | 33.3 | 22 |
| Connecticut | 61 | 7.5 | 28 | 43 | 16.2 | 16 | 46 | 27.5 | 13 | 39 | 32.5 | 23 |
| Delaware | 18 | 12.5 | 12 | 26 | 19.5 | 11 | 16 | 25.5 | 18 | 7 | 43.3 | — |
| District of Columbia | 86 | 49.1 | 1 | 43 | 76.2 | 1 | 23 | 79.0 | 1 | 4 | 151.2 | — |
| Florida | 93 | 13.3 | 9 | 349 | 26.7 | 4 | 808 | 33.5 | 7 | 2,177 | 61.8 | 1 |
| Georgia | 66 | 23.7 | 3 | 176 | 33.6 | 2 | 356 | 31.5 | 9 | 1,072 | 59.5 | 2 |
| Hawaii | 31 | 9.0 | 25 | 20 | 12.1 | 28 | 8 | 16.7 | — | 0 | 0.0 | — |
| Idaho | 1 | 1.7 | — | 1 | 0.8 | — | 11 | 4.4 | — | 11 | 5.7 | — |
| Illinois | 174 | 9.6 | 22 | 193 | 14.8 | 23 | 298 | 32.4 | 8 | 300 | 39.2 | 13 |
| Indiana | 31 | 6.2 | 33 | 77 | 9.1 | 34 | 87 | 12.3 | 35 | 129 | 31.5 | 25 |
| Iowa | 23 | 3.5 | 37 | 33 | 9.1 | 35 | 18 | 14.0 | 32 | 8 | 20.5 | — |
| Kansas | 13 | 4.9 | 35 | 25 | 8.0 | 37 | 28 | 9.6 | 38 | 43 | 20.2 | 28 |
| Kentucky | 80 | 13.0 | 10 | 112 | 16.6 | 15 | 53 | 17.0 | 27 | 21 | 34.8 | 18 |
| Louisiana | 38 | 26.2 | 2 | 76 | 24.7 | 6 | 199 | 30.5 | 10 | 304 | 50.0 | 8 |
| Maine | 3 | 3.3 | — | 5 | 2.7 | — | 11 | 5.4 | — | 2 | 4.6 | — |
| Maryland | 202 | 19.7 | 5 | 185 | 31.2 | 3 | 175 | 47.2 | 2 | 128 | 58.3 | 4 |
| Massachusetts | 264 | 12.6 | 11 | 103 | 25.2 | 5 | 40 | 45.1 | 3 | 4 | 45.9 | — |
| Michigan | 81 | 5.8 | 34 | 143 | 9.9 | 31 | 127 | 16.9 | 28 | 43 | 24.2 | 27 |
| Minnesota | 83 | 6.6 | 32 | 48 | 8.1 | 36 | 51 | 27.4 | 15 | 20 | 34.0 | 20 |
| Mississippi | 9 | 18.9 | — | 22 | 18.3 | 14 | 91 | 25.9 | 17 | 202 | 35.9 | 17 |
| Missouri | 48 | 10.8 | 18 | 82 | 14.8 | 22 | 75 | 10.3 | 36 | 143 | 25.9 | 26 |
| Montana | 0 | 0.0 | — | 6 | 4.3 | — | 4 | 2.4 | — | 8 | 11.9 | — |
| Nebraska | 14 | 6.9 | 30 | 6 | 2.8 | — | 24 | 14.5 | 30 | 24 | 19.4 | 29 |
| Nevada | 21 | 14.6 | 7 | 49 | 19.2 | 13 | 119 | 33.7 | 6 | 213 | 57.4 | 6 |
| New Hampshire | 6 | 3.7 | — | 1 | 0.5 | — | 10 | 7.2 | — | 6 | 22.3 | — |
| New Jersey | 119 | 9.5 | 24 | 102 | 13.3 | 27 | 160 | 25.9 | 16 | 348 | 51.0 | 7 |
| New Mexico | 9 | 7.1 | — | 10 | 5.5 | — | 25 | 10.2 | 37 | 21 | 9.3 | 35 |
| New York | 333 | 10.8 | 17 | 479 | 23.1 | 9 | 577 | 41.0 | 4 | 473 | 57.4 | 5 |
| North Carolina | 6 | 1.5 | — | 20 | 2.4 | 41 | 44 | 3.4 | 41 | 64 | 5.1 | 36 |
| North Dakota | 7 | 7.0 | — | 7 | 6.0 | — | 5 | 7.5 | — | 1 | 7.5 | — |
| Ohio | 165 | 10.0 | 20 | 217 | 13.8 | 24 | 242 | 28.3 | 12 | 114 | 40.9 | 11 |
| Oklahoma | 9 | 11.6 | — | 19 | 9.3 | 33 | 36 | 8.7 | 39 | 129 | 17.1 | 31 |
| Oregon | 36 | 10.0 | 21 | 62 | 9.6 | 32 | 56 | 12.7 | 33 | 21 | 16.4 | 33 |
| Pennsylvania | 169 | 7.7 | 27 | 212 | 13.4 | 26 | 220 | 29.1 | 11 | 153 | 41.9 | 9 |
| Puerto Rico | 65 | 17.2 | 6 | 138 | 23.5 | 8 | 88 | 34.9 | 5 | 24 | 58.9 | 3 |
| Rhode Island | 17 | 7.3 | 29 | 21 | 22.4 | 10 | 12 | 23.7 | 20 | 4 | 13.5 | — |
| South Carolina | 20 | 11.3 | 16 | 51 | 14.8 | 21 | 162 | 22.1 | 21 | 235 | 40.2 | 12 |
| South Dakota | 2 | 3.4 | — | 5 | 3.9 | — | 3 | 3.7 | — | 10 | 17.0 | — |
| Tennessee | 35 | 11.9 | 13 | 88 | 14.9 | 20 | 192 | 19.8 | 23 | 257 | 41.6 | 10 |
| Texas | 135 | 20.8 | 4 | 316 | 24.1 | 7 | 521 | 24.6 | 19 | 2,322 | 38.5 | 14 |
| Utah | 12 | 6.2 | — | 23 | 7.3 | 38 | 20 | 6.9 | 40 | 44 | 16.8 | 32 |
| Vermont | 11 | 7.4 | — | 3 | 3.3 | — | 1 | 12.9 | — | 0 | 0.0 | — |
| Virginia | 82 | 11.4 | 15 | 132 | 16.1 | 17 | 215 | 21.3 | 22 | 211 | 33.7 | 21 |
| Washington | 78 | 8.5 | 26 | 111 | 10.9 | 29 | 79 | 12.4 | 34 | 45 | 18.8 | 30 |
| West Virginia | 7 | 4.5 | — | 12 | 3.4 | 40 | 9 | 4.6 | — | 3 | 27.3 | — |
| Wisconsin | 48 | 4.6 | 36 | 43 | 5.6 | 39 | 42 | 14.1 | 31 | 33 | 32.2 | 24 |
| Wyoming | 1 | 6.1 | — | 1 | 2.1 | — | 2 | 2.3 | — | 2 | 2.7 | — |
| Total^b | 3,492 | 10.5 | — | 4,959 | 15.7 | — | 6,768 | 23.1 | — | 11,164 | 39.5 | — |

Table 7. Diagnoses of HIV infection among adults, by percentage without health insurance, sex at birth, and area of residence, 2018—census tract level, United States and Puerto Rico (cont)

| Area of residence | Without health insurance (%) | | | | | | | | | | | |
|--------------------------|------------------------------|------------|-------------------|--------------|------------|-------------------|--------------|------------|-------------------|--------------|------------|-------------------|
| | <5 | | | 5.00–8.99 | | | 9.00–14.99 | | | ≥15 | | |
| | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a |
| | Female | | | | | | | | | | | |
| Alabama | 7 | 3.0 | — | 10 | 2.3 | — | 22 | 3.0 | 26 | 51 | 8.9 | 17 |
| Alaska | 0 | 0.0 | — | 0 | 0.0 | — | 1 | 1.2 | — | 2 | 1.5 | — |
| Arizona | 7 | 1.2 | — | 16 | 2.4 | 18 | 13 | 1.9 | 27 | 48 | 6.4 | 21 |
| Arkansas | 1 | 0.8 | — | 11 | 2.6 | — | 20 | 4.6 | 19 | 5 | 2.6 | — |
| California | 62 | 1.4 | 14 | 91 | 2.2 | 21 | 120 | 3.3 | 25 | 157 | 5.0 | 22 |
| Colorado | 6 | 0.9 | — | 7 | 1.1 | — | 11 | 2.2 | — | 14 | 4.0 | 24 |
| Connecticut | 10 | 1.2 | — | 12 | 4.1 | 9 | 16 | 8.7 | 6 | 17 | 13.7 | 8 |
| Delaware | 2 | 1.3 | — | 11 | 7.5 | — | 6 | 9.1 | — | 3 | 16.5 | — |
| District of Columbia | 28 | 13.8 | 1 | 13 | 20.0 | 1 | 7 | 23.7 | — | 0 | 0.0 | — |
| Florida | 17 | 2.2 | 9 | 56 | 3.9 | 10 | 167 | 6.4 | 13 | 638 | 17.3 | 3 |
| Georgia | 6 | 2.1 | — | 33 | 5.9 | 5 | 86 | 7.0 | 11 | 337 | 17.0 | 4 |
| Hawaii | 3 | 0.9 | — | 3 | 1.8 | — | 0 | 0.0 | — | 0 | 0.0 | — |
| Idaho | 0 | 0.0 | — | 2 | 1.6 | — | 1 | 0.4 | — | 2 | 1.0 | — |
| Illinois | 31 | 1.6 | 12 | 43 | 3.1 | 15 | 67 | 6.7 | 12 | 51 | 6.6 | 20 |
| Indiana | 8 | 1.5 | — | 14 | 1.6 | 24 | 30 | 4.0 | 22 | 39 | 8.9 | 18 |
| Iowa | 10 | 1.5 | — | 8 | 2.2 | — | 7 | 5.3 | — | 2 | 5.3 | — |
| Kansas | 3 | 1.1 | — | 4 | 1.2 | — | 8 | 2.7 | — | 9 | 4.2 | — |
| Kentucky | 17 | 2.6 | 6 | 21 | 2.9 | 16 | 19 | 5.7 | 15 | 8 | 12.7 | — |
| Louisiana | 3 | 2.0 | — | 27 | 7.9 | 4 | 65 | 9.4 | 4 | 123 | 18.7 | 2 |
| Maine | 0 | 0.0 | — | 2 | 1.0 | — | 1 | 0.5 | — | 0 | 0.0 | — |
| Maryland | 55 | 4.9 | 2 | 79 | 11.8 | 2 | 65 | 15.4 | 1 | 61 | 27.2 | 1 |
| Massachusetts | 101 | 4.4 | 4 | 51 | 11.7 | 3 | 13 | 14.3 | 2 | 1 | 14.4 | — |
| Michigan | 18 | 1.2 | 17 | 25 | 1.6 | 23 | 44 | 5.6 | 16 | 16 | 8.6 | 19 |
| Minnesota | 24 | 1.8 | 10 | 15 | 2.5 | 17 | 17 | 9.0 | 5 | 7 | 12.1 | — |
| Mississippi | 0 | 0.0 | — | 6 | 4.5 | — | 30 | 7.8 | 8 | 58 | 9.3 | 15 |
| Missouri | 4 | 0.8 | — | 3 | 0.5 | — | 11 | 1.4 | — | 22 | 3.7 | 25 |
| Montana | 0 | 0.0 | — | 0 | 0.0 | — | 1 | 0.6 | — | 2 | 2.9 | — |
| Nebraska | 1 | 0.5 | — | 1 | 0.5 | — | 0 | 0.0 | — | 4 | 3.2 | — |
| Nevada | 2 | 1.3 | — | 4 | 1.5 | — | 14 | 3.9 | 23 | 38 | 10.8 | 11 |
| New Hampshire | 1 | 0.6 | — | 1 | 0.5 | — | 3 | 2.1 | — | 1 | 3.7 | — |
| New Jersey | 21 | 1.5 | 13 | 28 | 3.3 | 13 | 52 | 7.7 | 9 | 108 | 15.3 | 5 |
| New Mexico | 2 | 1.5 | — | 2 | 1.0 | — | 5 | 1.9 | — | 4 | 1.7 | — |
| New York | 80 | 2.4 | 7 | 125 | 5.5 | 6 | 164 | 10.4 | 3 | 104 | 12.1 | 9 |
| North Carolina | 3 | 0.8 | — | 4 | 0.4 | — | 14 | 1.0 | 28 | 14 | 1.0 | 26 |
| North Dakota | 3 | 3.1 | — | 5 | 4.5 | — | 3 | 4.9 | — | 1 | 8.0 | — |
| Ohio | 23 | 1.3 | 15 | 39 | 2.3 | 19 | 50 | 5.5 | 17 | 40 | 13.7 | 7 |
| Oklahoma | 0 | 0.0 | — | 3 | 1.4 | — | 5 | 1.2 | — | 34 | 4.4 | 23 |
| Oregon | 6 | 1.6 | — | 10 | 1.5 | — | 7 | 1.6 | — | 5 | 3.7 | — |
| Pennsylvania | 29 | 1.3 | 16 | 59 | 3.5 | 12 | 69 | 8.3 | 7 | 53 | 13.8 | 6 |
| Puerto Rico | 21 | 4.8 | 3 | 29 | 4.4 | 8 | 16 | 5.4 | 18 | 5 | 11.7 | — |
| Rhode Island | 2 | 0.8 | — | 2 | 2.0 | — | 7 | 12.5 | — | 2 | 6.9 | — |
| South Carolina | 5 | 2.6 | — | 18 | 4.8 | 7 | 59 | 7.3 | 10 | 61 | 9.5 | 14 |
| South Dakota | 2 | 3.3 | — | 0 | 0.0 | — | 1 | 1.2 | — | 1 | 1.8 | — |
| Tennessee | 7 | 2.2 | — | 13 | 2.0 | 22 | 37 | 3.6 | 24 | 67 | 9.9 | 13 |
| Texas | 16 | 2.4 | 8 | 48 | 3.5 | 11 | 97 | 4.4 | 20 | 558 | 9.0 | 16 |
| Utah | 1 | 0.5 | — | 2 | 0.6 | — | 1 | 0.3 | — | 4 | 1.6 | — |
| Vermont | 3 | 1.9 | — | 0 | 0.0 | — | 0 | 0.0 | — | 0 | 0.0 | — |
| Virginia | 14 | 1.8 | 11 | 28 | 3.3 | 14 | 47 | 4.3 | 21 | 72 | 11.0 | 10 |
| Washington | 25 | 2.7 | 5 | 24 | 2.3 | 20 | 38 | 5.9 | 14 | 24 | 10.6 | 12 |
| West Virginia | 2 | 1.2 | — | 5 | 1.4 | — | 3 | 1.5 | — | 2 | 17.6 | — |
| Wisconsin | 3 | 0.3 | — | 5 | 0.6 | — | 10 | 3.2 | — | 7 | 6.7 | — |
| Wyoming | 0 | 0.0 | — | 0 | 0.0 | — | 0 | 0.0 | — | 0 | 0.0 | — |
| Total^b | 695 | 2.0 | — | 1,018 | 3.0 | — | 1,550 | 5.0 | — | 2,882 | 9.8 | — |

Table 7. Diagnoses of HIV infection among adults, by percentage without health insurance, sex at birth, and area of residence, 2018—census tract level, United States and Puerto Rico (cont)

| Area of residence | Without health insurance (%) | | | | | | | | | | | |
|--------------------------|------------------------------|------------|-------------------|--------------|------------|-------------------|--------------|-------------|-------------------|---------------|-------------|-------------------|
| | <5 | | | 5.00–8.99 | | | 9.00–14.99 | | | ≥15 | | |
| | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a |
| | Total | | | | | | | | | | | |
| Alabama | 27 | 6.2 | 17 | 73 | 8.7 | 21 | 140 | 10.0 | 28 | 226 | 20.9 | 21 |
| Alaska | 1 | 2.4 | — | 4 | 7.6 | — | 4 | 2.3 | — | 11 | 3.9 | — |
| Arizona | 64 | 5.4 | 24 | 113 | 8.7 | 19 | 135 | 10.1 | 27 | 322 | 21.5 | 20 |
| Arkansas | 15 | 6.0 | 18 | 52 | 6.4 | 30 | 100 | 11.7 | 23 | 30 | 8.1 | 34 |
| California | 607 | 7.3 | 11 | 867 | 10.6 | 13 | 1,092 | 15.2 | 19 | 1,294 | 20.6 | 22 |
| Colorado | 49 | 3.7 | 33 | 89 | 7.2 | 27 | 95 | 9.6 | 30 | 136 | 18.9 | 25 |
| Connecticut | 71 | 4.2 | 29 | 55 | 9.9 | 15 | 62 | 17.6 | 14 | 56 | 22.9 | 16 |
| Delaware | 20 | 6.6 | 14 | 37 | 13.2 | 10 | 22 | 17.1 | 15 | 10 | 29.1 | — |
| District of Columbia | 114 | 30.2 | 1 | 56 | 46.1 | 1 | 30 | 51.2 | 1 | 4 | 76.6 | — |
| Florida | 110 | 7.4 | 10 | 405 | 14.8 | 6 | 975 | 19.4 | 6 | 2,815 | 39.1 | 2 |
| Georgia | 72 | 12.8 | 3 | 209 | 19.3 | 3 | 442 | 18.7 | 10 | 1,409 | 37.2 | 3 |
| Hawaii | 34 | 5.0 | 26 | 23 | 6.9 | 28 | 8 | 8.4 | — | 0 | 0.0 | — |
| Idaho | 1 | 0.8 | — | 3 | 1.2 | — | 12 | 2.4 | — | 13 | 3.4 | 36 |
| Illinois | 205 | 5.5 | 23 | 236 | 8.7 | 20 | 365 | 19.0 | 7 | 351 | 22.8 | 17 |
| Indiana | 39 | 3.8 | 32 | 91 | 5.3 | 36 | 117 | 8.0 | 33 | 168 | 19.8 | 23 |
| Iowa | 33 | 2.5 | 38 | 41 | 5.6 | 32 | 25 | 9.6 | 29 | 10 | 13.1 | — |
| Kansas | 16 | 3.0 | 37 | 29 | 4.6 | 38 | 36 | 6.1 | 36 | 52 | 12.1 | 29 |
| Kentucky | 97 | 7.7 | 9 | 133 | 9.5 | 18 | 72 | 11.2 | 25 | 29 | 23.6 | 14 |
| Louisiana | 41 | 13.7 | 2 | 103 | 15.9 | 5 | 264 | 19.7 | 5 | 427 | 33.7 | 7 |
| Maine | 3 | 1.6 | — | 7 | 1.8 | — | 12 | 2.9 | — | 2 | 2.2 | — |
| Maryland | 257 | 12.0 | 4 | 264 | 20.9 | 2 | 240 | 30.3 | 2 | 189 | 42.6 | 1 |
| Massachusetts | 365 | 8.3 | 7 | 154 | 18.2 | 4 | 53 | 29.5 | 3 | 5 | 32.0 | — |
| Michigan | 99 | 3.5 | 35 | 168 | 5.6 | 31 | 171 | 11.1 | 26 | 59 | 16.2 | 26 |
| Minnesota | 107 | 4.2 | 30 | 63 | 5.3 | 34 | 68 | 18.1 | 12 | 27 | 23.2 | 15 |
| Mississippi | 9 | 9.4 | — | 28 | 11.0 | 12 | 121 | 16.5 | 16 | 260 | 22.0 | 19 |
| Missouri | 52 | 5.6 | 20 | 85 | 7.4 | 26 | 86 | 5.8 | 38 | 165 | 14.4 | 28 |
| Montana | 0 | 0.0 | — | 6 | 2.2 | — | 5 | 1.5 | — | 10 | 7.4 | — |
| Nebraska | 15 | 3.6 | 34 | 7 | 1.6 | — | 24 | 7.2 | 34 | 28 | 11.3 | 30 |
| Nevada | 23 | 7.8 | 8 | 53 | 10.2 | 14 | 133 | 18.7 | 9 | 251 | 34.8 | 4 |
| New Hampshire | 7 | 2.1 | — | 2 | 0.5 | — | 13 | 4.6 | 40 | 7 | 13.0 | — |
| New Jersey | 140 | 5.4 | 25 | 130 | 8.1 | 24 | 212 | 16.5 | 18 | 456 | 32.9 | 8 |
| New Mexico | 11 | 4.2 | — | 12 | 3.2 | 40 | 30 | 5.9 | 37 | 25 | 5.5 | 35 |
| New York | 413 | 6.4 | 16 | 604 | 13.9 | 7 | 741 | 24.8 | 4 | 577 | 34.3 | 6 |
| North Carolina | 9 | 1.1 | — | 24 | 1.4 | 43 | 58 | 2.1 | 43 | 78 | 3.0 | 37 |
| North Dakota | 10 | 5.1 | — | 12 | 5.3 | 35 | 8 | 6.3 | — | 2 | 7.7 | — |
| Ohio | 188 | 5.5 | 22 | 256 | 7.8 | 25 | 292 | 16.5 | 17 | 154 | 27.0 | 10 |
| Oklahoma | 9 | 5.8 | — | 22 | 5.2 | 37 | 41 | 4.9 | 39 | 163 | 10.6 | 31 |
| Oregon | 42 | 5.6 | 19 | 72 | 5.5 | 33 | 63 | 7.1 | 35 | 26 | 9.9 | 32 |
| Pennsylvania | 198 | 4.4 | 28 | 271 | 8.3 | 22 | 289 | 18.2 | 11 | 206 | 27.5 | 9 |
| Puerto Rico | 86 | 10.6 | 6 | 167 | 13.3 | 9 | 104 | 19.0 | 8 | 29 | 34.7 | 5 |
| Rhode Island | 19 | 3.9 | 31 | 23 | 11.9 | 11 | 19 | 17.8 | 13 | 6 | 10.2 | — |
| South Carolina | 25 | 6.8 | 13 | 69 | 9.6 | 16 | 221 | 14.4 | 20 | 296 | 24.2 | 12 |
| South Dakota | 4 | 3.3 | — | 5 | 2.0 | — | 4 | 2.5 | — | 11 | 9.5 | — |
| Tennessee | 42 | 6.8 | 12 | 101 | 8.2 | 23 | 229 | 11.4 | 24 | 324 | 25.0 | 11 |
| Texas | 151 | 11.4 | 5 | 364 | 13.6 | 8 | 618 | 14.2 | 21 | 2,880 | 23.6 | 13 |
| Utah | 13 | 3.3 | 36 | 25 | 3.9 | 39 | 21 | 3.6 | 41 | 48 | 9.3 | 33 |
| Vermont | 14 | 4.5 | 27 | 3 | 1.6 | — | 1 | 6.4 | — | 0 | 0.0 | — |
| Virginia | 96 | 6.5 | 15 | 160 | 9.6 | 17 | 262 | 12.5 | 22 | 283 | 22.1 | 18 |
| Washington | 103 | 5.5 | 21 | 135 | 6.5 | 29 | 117 | 9.2 | 31 | 69 | 14.8 | 27 |
| West Virginia | 9 | 2.8 | — | 17 | 2.4 | 42 | 12 | 3.0 | 42 | 5 | 22.4 | — |
| Wisconsin | 51 | 2.4 | 39 | 48 | 3.1 | 41 | 52 | 8.6 | 32 | 40 | 19.3 | 24 |
| Wyoming | 1 | 3.1 | — | 1 | 1.1 | — | 2 | 1.2 | — | 2 | 1.3 | — |
| Total^b | 4,187 | 6.1 | — | 5,977 | 9.2 | — | 8,318 | 13.8 | — | 14,046 | 24.4 | — |

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, and the proportion of residents within the census tract without health insurance or health coverage plan (individuals aged 18 years and older). Rates are per 100,000 population. Reported numbers less than 12, and rates based on these numbers, should be interpreted with caution. For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2018_ACSSubjectDefinitions.pdf.

^a Based on rate. Ranks were not assigned to areas with rates that were based on reported numbers less than 12.

^b Totals do not represent all adults whose HIV infection was diagnosed during 2018 in these areas. See Technical Notes for exclusion criteria.

Table 8. Diagnoses of HIV infection among adults, by Gini index percentage, sex at birth, and area of residence, 2018—census tract level, United States and Puerto Rico

| Area of residence | Gini index (%) | | | | | | | | | | | |
|--------------------------|----------------|-------------|-------------------|--------------|-------------|-------------------|--------------|-------------|-------------------|--------------|-------------|-------------------|
| | <38 | | | 38.00–41.99 | | | 42.00–45.99 | | | ≥46 | | |
| | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a |
| | Male | | | | | | | | | | | |
| Alabama | 40 | 14.1 | 19 | 67 | 15.4 | 19 | 101 | 21.8 | 16 | 167 | 27.3 | 17 |
| Alaska | 5 | 4.8 | — | 5 | 5.1 | — | 1 | 1.8 | — | 6 | 20.2 | — |
| Arizona | 143 | 17.4 | 14 | 140 | 20.3 | 12 | 136 | 24.1 | 11 | 131 | 24.3 | 20 |
| Arkansas | 36 | 27.2 | 8 | 31 | 9.9 | 31 | 37 | 11.9 | 31 | 56 | 16.1 | 28 |
| California | 702 | 19.1 | 12 | 927 | 22.9 | 10 | 842 | 23.6 | 12 | 959 | 27.8 | 16 |
| Colorado | 94 | 12.7 | 22 | 93 | 17.1 | 17 | 62 | 14.7 | 25 | 81 | 19.6 | 25 |
| Connecticut | 28 | 10.0 | 29 | 47 | 11.4 | 27 | 50 | 16.3 | 23 | 64 | 18.0 | 27 |
| Delaware | 16 | 18.7 | 13 | 19 | 14.2 | 21 | 9 | 13.4 | — | 23 | 32.8 | 9 |
| District of Columbia | 8 | 42.5 | — | 15 | 59.8 | 1 | 31 | 48.2 | 1 | 101 | 65.9 | 1 |
| Florida | 568 | 35.7 | 3 | 874 | 38.1 | 3 | 839 | 44.0 | 4 | 1,145 | 53.3 | 2 |
| Georgia | 324 | 38.2 | 2 | 397 | 39.6 | 2 | 440 | 47.6 | 2 | 509 | 53.2 | 3 |
| Hawaii | 13 | 6.6 | 36 | 13 | 9.9 | 32 | 19 | 15.5 | 24 | 14 | 13.3 | 34 |
| Idaho | 5 | 3.4 | — | 10 | 5.4 | — | 0 | 0.0 | — | 9 | 6.4 | — |
| Illinois | 155 | 13.1 | 20 | 239 | 16.9 | 18 | 221 | 20.0 | 17 | 350 | 31.6 | 11 |
| Indiana | 72 | 9.1 | 30 | 102 | 12.5 | 25 | 68 | 14.1 | 27 | 82 | 22.0 | 23 |
| Iowa | 18 | 6.3 | 37 | 27 | 6.0 | 40 | 21 | 8.0 | 40 | 16 | 8.8 | 40 |
| Kansas | 38 | 10.0 | 28 | 27 | 8.9 | 33 | 21 | 10.3 | 35 | 23 | 11.7 | 39 |
| Kentucky | 48 | 15.0 | 17 | 79 | 20.2 | 13 | 58 | 13.5 | 28 | 81 | 15.4 | 31 |
| Louisiana | 39 | 24.4 | 10 | 96 | 25.1 | 8 | 172 | 36.9 | 5 | 310 | 44.0 | 5 |
| Maine | 2 | 1.8 | — | 2 | 1.4 | — | 13 | 9.3 | 37 | 4 | 3.3 | — |
| Maryland | 275 | 28.6 | 6 | 185 | 31.4 | 6 | 90 | 27.0 | 8 | 140 | 43.0 | 6 |
| Massachusetts | 43 | 10.1 | 27 | 92 | 11.5 | 26 | 131 | 18.5 | 19 | 144 | 21.3 | 24 |
| Michigan | 85 | 8.5 | 34 | 106 | 8.8 | 34 | 89 | 11.0 | 33 | 114 | 15.3 | 32 |
| Minnesota | 57 | 9.1 | 31 | 59 | 8.6 | 36 | 45 | 10.0 | 36 | 41 | 12.4 | 35 |
| Mississippi | 48 | 30.0 | 4 | 66 | 30.4 | 7 | 86 | 31.4 | 7 | 124 | 28.7 | 15 |
| Missouri | 76 | 11.7 | 23 | 82 | 12.5 | 22 | 88 | 17.1 | 22 | 102 | 22.3 | 22 |
| Montana | 1 | 1.9 | — | 5 | 4.6 | — | 2 | 1.6 | — | 10 | 8.3 | — |
| Nebraska | 21 | 9.0 | 32 | 19 | 8.1 | 38 | 16 | 11.8 | 32 | 12 | 11.9 | 38 |
| Nevada | 115 | 27.8 | 7 | 97 | 32.8 | 4 | 97 | 44.4 | 3 | 93 | 47.6 | 4 |
| New Hampshire | 7 | 4.4 | — | 14 | 7.1 | 39 | 2 | 2.1 | — | 0 | 0.0 | — |
| New Jersey | 122 | 15.8 | 16 | 172 | 17.7 | 16 | 189 | 23.2 | 13 | 246 | 32.5 | 10 |
| New Mexico | 8 | 6.5 | — | 21 | 11.0 | 29 | 20 | 10.5 | 34 | 15 | 5.7 | 41 |
| New York | 143 | 11.2 | 24 | 334 | 18.3 | 15 | 457 | 26.0 | 9 | 923 | 36.7 | 8 |
| North Carolina | 37 | 4.6 | 39 | 29 | 2.8 | 42 | 38 | 4.1 | 43 | 30 | 3.0 | 42 |
| North Dakota | 3 | 6.3 | — | 2 | 2.8 | — | 8 | 8.5 | — | 7 | 8.3 | — |
| Ohio | 146 | 11.2 | 25 | 159 | 12.5 | 24 | 173 | 19.2 | 18 | 260 | 29.9 | 14 |
| Oklahoma | 44 | 14.5 | 18 | 51 | 12.5 | 23 | 29 | 8.0 | 41 | 69 | 18.3 | 26 |
| Oregon | 46 | 12.8 | 21 | 54 | 11.0 | 28 | 36 | 9.0 | 38 | 39 | 12.1 | 36 |
| Pennsylvania | 95 | 8.8 | 33 | 144 | 8.7 | 35 | 203 | 17.9 | 21 | 309 | 30.7 | 12 |
| Puerto Rico | 12 | 39.5 | 1 | 15 | 14.8 | 20 | 56 | 22.8 | 14 | 232 | 26.3 | 19 |
| Rhode Island | 11 | 14.2 | — | 8 | 9.2 | — | 14 | 12.9 | 29 | 21 | 15.7 | 29 |
| South Carolina | 90 | 25.4 | 9 | 111 | 23.3 | 9 | 109 | 22.5 | 15 | 158 | 30.6 | 13 |
| South Dakota | 3 | 3.4 | — | 5 | 5.4 | — | 5 | 7.3 | — | 7 | 9.0 | — |
| Tennessee | 126 | 24.3 | 11 | 140 | 22.6 | 11 | 112 | 18.5 | 20 | 194 | 26.7 | 18 |
| Texas | 887 | 29.4 | 5 | 822 | 32.1 | 5 | 730 | 32.9 | 6 | 853 | 37.3 | 7 |
| Utah | 40 | 7.1 | 35 | 22 | 10.3 | 30 | 22 | 14.6 | 26 | 15 | 11.9 | 37 |
| Vermont | 3 | 7.2 | — | 5 | 7.0 | — | 4 | 4.8 | — | 3 | 6.1 | — |
| Virginia | 213 | 17.0 | 15 | 159 | 20.1 | 14 | 143 | 24.3 | 10 | 125 | 23.2 | 21 |
| Washington | 92 | 10.4 | 26 | 71 | 8.5 | 37 | 76 | 12.4 | 30 | 74 | 15.5 | 30 |
| West Virginia | 1 | 1.2 | — | 7 | 3.5 | — | 12 | 5.5 | 42 | 11 | 5.3 | — |
| Wisconsin | 34 | 5.2 | 38 | 43 | 5.7 | 41 | 41 | 8.8 | 39 | 48 | 14.2 | 33 |
| Wyoming | 1 | 1.5 | — | 2 | 3.1 | — | 2 | 4.0 | — | 1 | 2.4 | — |
| Total^b | 5,239 | 17.2 | — | 6,311 | 18.6 | — | 6,266 | 22.3 | — | 8,551 | 28.9 | — |

Table 8. Diagnoses of HIV infection among adults, by Gini index percentage, sex at birth, and area of residence, 2018—census tract level, United States and Puerto Rico (cont)

| Area of residence | Gini index (%) | | | | | | | | | | | |
|--------------------------|----------------|------------|-------------------|--------------|------------|-------------------|--------------|------------|-------------------|--------------|------------|-------------------|
| | <38 | | | 38.00–41.99 | | | 42.00–45.99 | | | ≥46 | | |
| | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a |
| | Female | | | | | | | | | | | |
| Alabama | 9 | 2.9 | — | 24 | 5.1 | 9 | 14 | 2.8 | 24 | 43 | 6.2 | 17 |
| Alaska | 0 | 0.0 | — | 2 | 2.3 | — | 1 | 2.0 | — | 0 | 0.0 | — |
| Arizona | 22 | 2.6 | 14 | 25 | 3.5 | 16 | 21 | 3.6 | 19 | 16 | 2.9 | 28 |
| Arkansas | 4 | 2.8 | — | 11 | 3.3 | — | 7 | 2.2 | — | 15 | 3.9 | 25 |
| California | 83 | 2.2 | 17 | 134 | 3.2 | 18 | 95 | 2.6 | 26 | 118 | 3.3 | 26 |
| Colorado | 12 | 1.6 | — | 15 | 2.7 | 20 | 3 | 0.7 | — | 8 | 1.9 | — |
| Connecticut | 2 | 0.7 | — | 10 | 2.3 | — | 21 | 6.2 | 9 | 22 | 5.6 | 19 |
| Delaware | 8 | 9.0 | — | 6 | 4.1 | — | 2 | 2.6 | — | 6 | 7.6 | — |
| District of Columbia | 2 | 11.2 | — | 2 | 7.5 | — | 11 | 15.6 | — | 33 | 18.1 | 1 |
| Florida | 144 | 8.5 | 2 | 250 | 10.2 | 1 | 214 | 10.5 | 3 | 270 | 11.8 | 5 |
| Georgia | 77 | 8.5 | 3 | 106 | 9.8 | 3 | 119 | 11.8 | 1 | 160 | 15.1 | 2 |
| Hawaii | 1 | 0.5 | — | 1 | 0.7 | — | 1 | 0.8 | — | 3 | 2.7 | — |
| Idaho | 0 | 0.0 | — | 3 | 1.6 | — | 0 | 0.0 | — | 2 | 1.4 | — |
| Illinois | 19 | 1.6 | 18 | 42 | 2.9 | 19 | 54 | 4.6 | 16 | 77 | 6.3 | 16 |
| Indiana | 12 | 1.5 | 19 | 35 | 4.1 | 13 | 18 | 3.5 | 20 | 26 | 6.4 | 15 |
| Iowa | 1 | 0.4 | — | 10 | 2.1 | — | 7 | 2.6 | — | 9 | 4.8 | — |
| Kansas | 8 | 2.1 | — | 6 | 1.9 | — | 4 | 1.9 | — | 6 | 3.0 | — |
| Kentucky | 16 | 4.8 | 7 | 15 | 3.6 | 15 | 19 | 4.2 | 17 | 15 | 2.7 | 29 |
| Louisiana | 8 | 4.9 | — | 41 | 10.1 | 2 | 55 | 10.8 | 2 | 114 | 14.9 | 3 |
| Maine | 0 | 0.0 | — | 2 | 1.3 | — | 0 | 0.0 | — | 1 | 0.7 | — |
| Maryland | 132 | 12.7 | 1 | 61 | 9.5 | 4 | 21 | 5.5 | 11 | 46 | 12.4 | 4 |
| Massachusetts | 11 | 2.5 | — | 39 | 4.5 | 10 | 54 | 7.0 | 7 | 62 | 8.1 | 10 |
| Michigan | 14 | 1.4 | 20 | 22 | 1.7 | 25 | 29 | 3.3 | 21 | 38 | 4.7 | 23 |
| Minnesota | 17 | 2.7 | 13 | 15 | 2.1 | 22 | 12 | 2.6 | 25 | 19 | 5.5 | 20 |
| Mississippi | 5 | 2.9 | — | 14 | 6.0 | 8 | 22 | 7.4 | 5 | 53 | 11.0 | 6 |
| Missouri | 9 | 1.3 | — | 14 | 2.0 | 23 | 8 | 1.4 | — | 9 | 1.8 | — |
| Montana | 0 | 0.0 | — | 1 | 0.9 | — | 0 | 0.0 | — | 2 | 1.6 | — |
| Nebraska | 1 | 0.4 | — | 0 | 0.0 | — | 5 | 3.6 | — | 0 | 0.0 | — |
| Nevada | 18 | 4.3 | 8 | 10 | 3.4 | — | 13 | 5.9 | 10 | 17 | 8.9 | 8 |
| New Hampshire | 2 | 1.2 | — | 2 | 1.0 | — | 0 | 0.0 | — | 2 | 2.4 | — |
| New Jersey | 27 | 3.3 | 10 | 43 | 4.1 | 12 | 62 | 7.1 | 6 | 77 | 9.2 | 7 |
| New Mexico | 4 | 3.1 | — | 3 | 1.5 | — | 2 | 1.0 | — | 4 | 1.5 | — |
| New York | 42 | 3.2 | 11 | 84 | 4.3 | 11 | 100 | 5.2 | 14 | 247 | 8.6 | 9 |
| North Carolina | 8 | 0.9 | — | 7 | 0.6 | — | 12 | 1.2 | 27 | 8 | 0.7 | — |
| North Dakota | 1 | 2.3 | — | 5 | 7.4 | — | 2 | 2.2 | — | 4 | 5.1 | — |
| Ohio | 31 | 2.3 | 16 | 35 | 2.6 | 21 | 36 | 3.7 | 18 | 50 | 5.3 | 21 |
| Oklahoma | 7 | 2.2 | — | 11 | 2.6 | — | 11 | 2.9 | — | 13 | 3.3 | 27 |
| Oregon | 9 | 2.4 | — | 8 | 1.6 | — | 6 | 1.4 | — | 5 | 1.5 | — |
| Pennsylvania | 26 | 2.3 | 15 | 35 | 2.0 | 24 | 64 | 5.2 | 15 | 84 | 7.4 | 13 |
| Puerto Rico | 2 | 5.3 | — | 7 | 6.1 | — | 15 | 5.4 | 13 | 47 | 4.7 | 24 |
| Rhode Island | 1 | 1.3 | — | 2 | 2.2 | — | 4 | 3.3 | — | 6 | 4.0 | — |
| South Carolina | 20 | 5.2 | 6 | 40 | 7.7 | 5 | 37 | 7.0 | 8 | 46 | 7.9 | 12 |
| South Dakota | 1 | 1.1 | — | 1 | 1.1 | — | 0 | 0.0 | — | 2 | 2.5 | — |
| Tennessee | 31 | 5.6 | 4 | 22 | 3.3 | 17 | 19 | 3.0 | 22 | 52 | 6.4 | 14 |
| Texas | 165 | 5.3 | 5 | 188 | 7.1 | 6 | 175 | 7.5 | 4 | 191 | 8.0 | 11 |
| Utah | 4 | 0.7 | — | 0 | 0.0 | — | 2 | 1.3 | — | 2 | 1.6 | — |
| Vermont | 0 | 0.0 | — | 0 | 0.0 | — | 1 | 1.1 | — | 2 | 3.8 | — |
| Virginia | 39 | 3.0 | 12 | 51 | 6.0 | 7 | 35 | 5.5 | 12 | 36 | 6.1 | 18 |
| Washington | 38 | 4.3 | 9 | 31 | 3.7 | 14 | 18 | 2.9 | 23 | 24 | 4.9 | 22 |
| West Virginia | 2 | 2.3 | — | 4 | 1.9 | — | 4 | 1.8 | — | 2 | 0.9 | — |
| Wisconsin | 3 | 0.5 | — | 8 | 1.0 | — | 7 | 1.4 | — | 7 | 2.0 | — |
| Wyoming | 0 | 0.0 | — | 0 | 0.0 | — | 0 | 0.0 | — | 0 | 0.0 | — |
| Total^b | 1,098 | 3.5 | — | 1,503 | 4.2 | — | 1,442 | 4.8 | — | 2,101 | 6.6 | — |

Table 8. Diagnoses of HIV infection among adults, by Gini index percentage, sex at birth, and area of residence, 2018—census tract level, United States and Puerto Rico (cont)

| Area of residence | Gini index (%) | | | | | | | | | | | |
|--------------------------|----------------|-------------|-------------------|--------------|-------------|-------------------|--------------|-------------|-------------------|---------------|-------------|-------------------|
| | <38 | | | 38.00–41.99 | | | 42.00–45.99 | | | ≥46 | | |
| | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a | No. | Rate | Rank ^a |
| | Total | | | | | | | | | | | |
| Alabama | 49 | 8.3 | 18 | 91 | 10.1 | 18 | 115 | 11.8 | 18 | 210 | 16.1 | 16 |
| Alaska | 5 | 2.5 | — | 7 | 3.8 | — | 2 | 1.9 | — | 6 | 10.6 | — |
| Arizona | 165 | 9.9 | 15 | 165 | 11.8 | 13 | 157 | 13.7 | 13 | 147 | 13.5 | 23 |
| Arkansas | 40 | 14.6 | 9 | 42 | 6.5 | 28 | 44 | 6.9 | 33 | 71 | 9.7 | 30 |
| California | 785 | 10.6 | 13 | 1,061 | 12.9 | 10 | 937 | 12.9 | 15 | 1,077 | 15.3 | 18 |
| Colorado | 106 | 7.1 | 23 | 108 | 9.8 | 19 | 65 | 7.7 | 29 | 89 | 10.8 | 26 |
| Connecticut | 30 | 5.3 | 32 | 57 | 6.6 | 27 | 71 | 11.0 | 21 | 86 | 11.5 | 25 |
| Delaware | 24 | 13.7 | 12 | 25 | 8.9 | 21 | 11 | 7.7 | — | 29 | 19.5 | 10 |
| District of Columbia | 10 | 27.2 | — | 17 | 32.8 | 1 | 42 | 31.2 | 1 | 134 | 39.9 | 1 |
| Florida | 712 | 21.7 | 2 | 1,124 | 23.7 | 3 | 1,053 | 26.7 | 3 | 1,415 | 31.8 | 3 |
| Georgia | 401 | 22.8 | 1 | 503 | 24.1 | 2 | 559 | 29.0 | 2 | 669 | 33.2 | 2 |
| Hawaii | 14 | 3.7 | 37 | 14 | 5.2 | 35 | 20 | 8.1 | 26 | 17 | 7.8 | 35 |
| Idaho | 5 | 1.7 | — | 13 | 3.5 | 41 | 0 | 0.0 | — | 11 | 3.9 | — |
| Illinois | 174 | 7.3 | 22 | 281 | 9.8 | 20 | 275 | 12.1 | 17 | 427 | 18.3 | 14 |
| Indiana | 84 | 5.3 | 31 | 137 | 8.2 | 22 | 86 | 8.6 | 25 | 108 | 13.9 | 22 |
| Iowa | 19 | 3.3 | 38 | 37 | 4.0 | 40 | 28 | 5.3 | 38 | 25 | 6.7 | 38 |
| Kansas | 46 | 6.0 | 28 | 33 | 5.3 | 33 | 25 | 6.0 | 35 | 29 | 7.3 | 36 |
| Kentucky | 64 | 9.8 | 16 | 94 | 11.7 | 14 | 77 | 8.7 | 24 | 96 | 8.8 | 33 |
| Louisiana | 47 | 14.6 | 11 | 137 | 17.4 | 8 | 227 | 23.3 | 5 | 424 | 28.9 | 4 |
| Maine | 2 | 0.9 | — | 4 | 1.3 | — | 13 | 4.5 | 41 | 5 | 2.0 | — |
| Maryland | 407 | 20.4 | 4 | 246 | 19.9 | 4 | 111 | 15.6 | 8 | 186 | 26.7 | 6 |
| Massachusetts | 54 | 6.2 | 27 | 131 | 7.9 | 23 | 185 | 12.5 | 16 | 206 | 14.3 | 21 |
| Michigan | 99 | 4.9 | 33 | 128 | 5.2 | 36 | 118 | 7.0 | 32 | 152 | 9.8 | 29 |
| Minnesota | 74 | 5.9 | 29 | 74 | 5.4 | 32 | 57 | 6.2 | 34 | 60 | 8.9 | 32 |
| Mississippi | 53 | 15.9 | 7 | 80 | 17.8 | 7 | 108 | 18.9 | 7 | 177 | 19.4 | 11 |
| Missouri | 85 | 6.4 | 26 | 96 | 7.1 | 26 | 96 | 9.0 | 23 | 111 | 11.6 | 24 |
| Montana | 1 | 1.0 | — | 6 | 2.8 | — | 2 | 0.8 | — | 12 | 4.9 | 41 |
| Nebraska | 22 | 4.7 | 35 | 19 | 4.0 | 38 | 21 | 7.6 | 30 | 12 | 5.8 | 40 |
| Nevada | 133 | 16.0 | 6 | 107 | 18.1 | 6 | 110 | 25.1 | 4 | 110 | 28.5 | 5 |
| New Hampshire | 9 | 2.8 | — | 16 | 4.0 | 39 | 2 | 1.0 | — | 2 | 1.2 | — |
| New Jersey | 149 | 9.4 | 17 | 215 | 10.7 | 16 | 251 | 14.8 | 10 | 323 | 20.2 | 9 |
| New Mexico | 12 | 4.8 | 34 | 24 | 6.1 | 30 | 22 | 5.7 | 36 | 19 | 3.5 | 42 |
| New York | 185 | 7.1 | 24 | 418 | 11.1 | 15 | 557 | 15.2 | 9 | 1,170 | 21.7 | 8 |
| North Carolina | 45 | 2.7 | 40 | 36 | 1.7 | 43 | 50 | 2.6 | 43 | 38 | 1.8 | 44 |
| North Dakota | 4 | 4.4 | — | 7 | 5.1 | — | 10 | 5.4 | — | 11 | 6.7 | — |
| Ohio | 177 | 6.6 | 25 | 194 | 7.3 | 25 | 209 | 11.2 | 20 | 310 | 17.0 | 15 |
| Oklahoma | 51 | 8.3 | 19 | 62 | 7.5 | 24 | 40 | 5.4 | 37 | 82 | 10.6 | 27 |
| Oregon | 55 | 7.5 | 20 | 62 | 6.2 | 29 | 42 | 5.1 | 39 | 44 | 6.6 | 39 |
| Pennsylvania | 121 | 5.5 | 30 | 179 | 5.3 | 34 | 267 | 11.3 | 19 | 393 | 18.4 | 13 |
| Puerto Rico | 14 | 20.5 | 3 | 22 | 10.2 | 17 | 71 | 13.6 | 14 | 279 | 14.8 | 19 |
| Rhode Island | 12 | 7.7 | — | 10 | 5.6 | — | 18 | 7.8 | 28 | 27 | 9.6 | 31 |
| South Carolina | 110 | 15.0 | 8 | 151 | 15.2 | 9 | 146 | 14.4 | 12 | 204 | 18.6 | 12 |
| South Dakota | 4 | 2.3 | — | 6 | 3.3 | — | 5 | 3.7 | — | 9 | 5.7 | — |
| Tennessee | 157 | 14.6 | 10 | 162 | 12.6 | 12 | 131 | 10.5 | 22 | 246 | 16.0 | 17 |
| Texas | 1,052 | 17.2 | 5 | 1,010 | 19.4 | 5 | 905 | 20.0 | 6 | 1,044 | 22.4 | 7 |
| Utah | 44 | 3.9 | 36 | 22 | 5.1 | 37 | 24 | 7.9 | 27 | 17 | 6.8 | 37 |
| Vermont | 3 | 3.6 | — | 5 | 3.4 | — | 5 | 2.9 | — | 5 | 4.9 | — |
| Virginia | 252 | 9.9 | 14 | 210 | 12.9 | 11 | 178 | 14.5 | 11 | 161 | 14.3 | 20 |
| Washington | 130 | 7.3 | 21 | 102 | 6.1 | 31 | 94 | 7.6 | 31 | 98 | 10.2 | 28 |
| West Virginia | 3 | 1.7 | — | 11 | 2.7 | — | 16 | 3.6 | 42 | 13 | 3.0 | 43 |
| Wisconsin | 37 | 2.8 | 39 | 51 | 3.3 | 42 | 48 | 5.1 | 40 | 55 | 7.9 | 34 |
| Wyoming | 1 | 0.7 | — | 2 | 1.6 | — | 2 | 2.0 | — | 1 | 1.2 | — |
| Total^b | 6,337 | 10.2 | — | 7,814 | 11.2 | — | 7,708 | 13.3 | — | 10,652 | 17.3 | — |

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, and the proportion of income inequality as measured by the Gini index within the census tract. Rates are per 100,000 population. Reported numbers less than 12, and rates based on these numbers, should be interpreted with caution. For the definitions of SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2018_ACSSubjectDefinitions.pdf.

^a Based on rate. Ranks were not assigned to areas with rates that were based on reported numbers less than 12.

^b Totals do not represent all adults whose HIV infection was diagnosed during 2018 in these areas. See Technical Notes for exclusion criteria.

Table 9a. Linkage to HIV medical care after HIV diagnosis during 2018 among adults, by race/ethnicity, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia

| | Total | | ≤1 month | | ≤3 months | |
|--|---------------|----------------|--------------------|-------------|--------------------|-------------|
| | No. | % ^a | ≥1 CD4 or VL tests | | ≥1 CD4 or VL tests | |
| | No. | % | No. | % | No. | % |
| Black/African American | | | | | | |
| Male | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 792 | 8.7 | 618 | 78.0 | 690 | 87.1 |
| 6.00–10.99 | 1,533 | 16.9 | 1,175 | 76.6 | 1,309 | 85.4 |
| 11.00–17.99 | 2,328 | 25.6 | 1,810 | 77.7 | 1,993 | 85.6 |
| ≥18 | 4,436 | 48.8 | 3,362 | 75.8 | 3,742 | 84.4 |
| Less than high school diploma (%) | | | | | | |
| <6 | 1,163 | 12.8 | 920 | 79.1 | 1,012 | 87.0 |
| 6.00–9.99 | 1,410 | 15.5 | 1,101 | 78.1 | 1,215 | 86.2 |
| 10.00–17.99 | 2,970 | 32.7 | 2,218 | 74.7 | 2,489 | 83.8 |
| ≥18 | 3,551 | 39.0 | 2,729 | 76.9 | 3,022 | 85.1 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 4,317 | 47.5 | 3,257 | 75.4 | 3,646 | 84.5 |
| 42,000–56,999 | 2,194 | 24.2 | 1,701 | 77.5 | 1,876 | 85.5 |
| 57,000–77,999 | 1,556 | 17.1 | 1,209 | 77.7 | 1,326 | 85.2 |
| ≥78,000 | 1,014 | 11.2 | 793 | 78.2 | 880 | 86.8 |
| Without health insurance (%) | | | | | | |
| <5 | 827 | 9.1 | 649 | 78.5 | 721 | 87.2 |
| 5.00–8.99 | 1,424 | 15.7 | 1,135 | 79.7 | 1,239 | 87.0 |
| 9.00–14.99 | 2,418 | 26.6 | 1,876 | 77.6 | 2,076 | 85.9 |
| ≥15 | 4,423 | 48.6 | 3,306 | 74.7 | 3,700 | 83.7 |
| Gini index (%) | | | | | | |
| <38 | 1,667 | 18.3 | 1,279 | 76.7 | 1,429 | 85.7 |
| 38.00–41.99 | 2,047 | 22.5 | 1,539 | 75.2 | 1,724 | 84.2 |
| 42.00–45.99 | 2,087 | 23.0 | 1,605 | 76.9 | 1,765 | 84.6 |
| ≥46 | 3,284 | 36.1 | 2,538 | 77.3 | 2,812 | 85.6 |
| Subtotal^b | 9,236 | 100 | 7,068 | 76.5 | 7,852 | 85.0 |
| Female | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 276 | 8.7 | 224 | 81.2 | 249 | 90.2 |
| 6.00–10.99 | 507 | 15.9 | 414 | 81.7 | 458 | 90.3 |
| 11.00–17.99 | 832 | 26.1 | 695 | 83.5 | 757 | 91.0 |
| ≥18 | 1,567 | 49.2 | 1,232 | 78.6 | 1,374 | 87.7 |
| Less than high school diploma (%) | | | | | | |
| <6 | 306 | 9.6 | 262 | 85.6 | 284 | 92.8 |
| 6.00–9.99 | 453 | 14.2 | 369 | 81.5 | 413 | 91.2 |
| 10.00–17.99 | 1,064 | 33.4 | 847 | 79.6 | 950 | 89.3 |
| ≥18 | 1,359 | 42.7 | 1,087 | 80.0 | 1,191 | 87.6 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 1,570 | 49.4 | 1,231 | 78.4 | 1,372 | 87.4 |
| 42,000–56,999 | 733 | 23.0 | 591 | 80.6 | 663 | 90.5 |
| 57,000–77,999 | 520 | 16.3 | 441 | 84.8 | 477 | 91.7 |
| ≥78,000 | 358 | 11.3 | 301 | 84.1 | 325 | 90.8 |
| Without health insurance (%) | | | | | | |
| <5 | 303 | 9.5 | 253 | 83.5 | 279 | 92.1 |
| 5.00–8.99 | 459 | 14.4 | 392 | 85.4 | 420 | 91.5 |
| 9.00–14.99 | 794 | 25.0 | 648 | 81.6 | 717 | 90.3 |
| ≥15 | 1,626 | 51.1 | 1,272 | 78.2 | 1,422 | 87.5 |
| Gini index (%) | | | | | | |
| <38 | 556 | 17.5 | 464 | 83.5 | 505 | 90.8 |
| 38.00–41.99 | 769 | 24.2 | 633 | 82.3 | 685 | 89.1 |
| 42.00–45.99 | 723 | 22.7 | 576 | 79.7 | 648 | 89.6 |
| ≥46 | 1,134 | 35.6 | 892 | 78.7 | 1,000 | 88.2 |
| Subtotal^b | 3,243 | 100 | 2,608 | 80.4 | 2,887 | 89.0 |
| Total | 12,479 | 100 | 9,676 | 77.5 | 10,739 | 86.1 |

Table 9a. Linkage to HIV medical care after HIV diagnosis during 2018 among adults, by race/ethnicity, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

| | Total | | ≤1 month | | ≤3 months | |
|--|------------------------------------|----------------|--------------------|-------------|--------------------|-------------|
| | No. | % ^a | ≥1 CD4 or VL tests | | ≥1 CD4 or VL tests | |
| | | | No. | % | No. | % |
| | Hispanic/Latino^c | | | | | |
| Male | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 638 | 9.4 | 534 | 83.7 | 573 | 89.8 |
| 6.00–10.99 | 1,503 | 22.1 | 1,248 | 83.0 | 1,359 | 90.4 |
| 11.00–17.99 | 1,937 | 28.5 | 1,649 | 85.1 | 1,768 | 91.3 |
| ≥18 | 2,725 | 40.1 | 2,238 | 82.1 | 2,427 | 89.1 |
| Less than high school diploma (%) | | | | | | |
| <6 | 842 | 12.4 | 707 | 84.0 | 765 | 90.9 |
| 6.00–9.99 | 860 | 12.6 | 736 | 85.6 | 793 | 92.2 |
| 10.00–17.99 | 1,586 | 23.3 | 1,341 | 84.6 | 1,449 | 91.4 |
| ≥18 | 3,523 | 51.7 | 2,891 | 82.1 | 3,127 | 88.8 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 2,251 | 33.1 | 1,833 | 81.4 | 1,988 | 88.3 |
| 42,000–56,999 | 1,914 | 28.1 | 1,617 | 84.5 | 1,736 | 90.7 |
| 57,000–77,999 | 1,552 | 22.8 | 1,299 | 83.7 | 1,407 | 90.7 |
| ≥78,000 | 1,083 | 15.9 | 918 | 84.8 | 994 | 91.8 |
| Without health insurance (%) | | | | | | |
| <5 | 558 | 8.2 | 471 | 84.4 | 511 | 91.6 |
| 5.00–8.99 | 965 | 14.2 | 824 | 85.4 | 892 | 92.4 |
| 9.00–14.99 | 1,592 | 23.4 | 1,345 | 84.5 | 1,450 | 91.1 |
| ≥15 | 3,689 | 54.2 | 3,029 | 82.1 | 3,274 | 88.8 |
| Gini index (%) | | | | | | |
| <38 | 1,425 | 20.9 | 1,176 | 82.5 | 1,282 | 90.0 |
| 38.00–41.99 | 1,806 | 26.6 | 1,487 | 82.3 | 1,604 | 88.8 |
| 42.00–45.99 | 1,666 | 24.5 | 1,378 | 82.7 | 1,495 | 89.7 |
| ≥46 | 1,905 | 28.0 | 1,628 | 85.5 | 1,746 | 91.7 |
| Subtotal^b | 6,879 | 100 | 5,725 | 83.2 | 6,187 | 89.9 |
| Female | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 76 | 8.3 | 63 | 82.9 | 68 | 89.5 |
| 6.00–10.99 | 158 | 17.2 | 133 | 84.2 | 144 | 91.1 |
| 11.00–17.99 | 246 | 26.7 | 214 | 87.0 | 227 | 92.3 |
| ≥18 | 440 | 47.8 | 347 | 78.9 | 393 | 89.3 |
| Less than high school diploma (%) | | | | | | |
| <6 | 78 | 8.5 | 62 | 79.5 | 70 | 89.7 |
| 6.00–9.99 | 96 | 10.4 | 85 | 88.5 | 91 | 94.8 |
| 10.00–17.99 | 197 | 21.4 | 170 | 86.3 | 181 | 91.9 |
| ≥18 | 549 | 59.7 | 440 | 80.1 | 490 | 89.3 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 390 | 42.4 | 315 | 80.8 | 351 | 90.0 |
| 42,000–56,999 | 258 | 28.0 | 215 | 83.3 | 230 | 89.1 |
| 57,000–77,999 | 159 | 17.3 | 134 | 84.3 | 148 | 93.1 |
| ≥78,000 | 113 | 12.3 | 93 | 82.3 | 103 | 91.2 |
| Without health insurance (%) | | | | | | |
| <5 | 69 | 7.5 | 60 | 87.0 | 63 | 91.3 |
| 5.00–8.99 | 117 | 12.7 | 100 | 85.5 | 111 | 94.9 |
| 9.00–14.99 | 218 | 23.7 | 179 | 82.1 | 197 | 90.4 |
| ≥15 | 516 | 56.1 | 418 | 81.0 | 461 | 89.3 |
| Gini index (%) | | | | | | |
| <38 | 168 | 18.3 | 141 | 83.9 | 149 | 88.7 |
| 38.00–41.99 | 246 | 26.7 | 197 | 80.1 | 219 | 89.0 |
| 42.00–45.99 | 206 | 22.4 | 168 | 81.6 | 190 | 92.2 |
| ≥46 | 300 | 32.6 | 251 | 83.7 | 274 | 91.3 |
| Subtotal^b | 932 | 100 | 767 | 82.3 | 842 | 90.3 |
| Total | 7,811 | 100 | 6,492 | 83.1 | 7,029 | 90.0 |

Table 9a. Linkage to HIV medical care after HIV diagnosis during 2018 among adults, by race/ethnicity, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

| | Total | | ≤1 month | | ≤3 months | |
|--|--------------|----------------|--------------------|-------------|--------------------|-------------|
| | No. | % ^a | ≥1 CD4 or VL tests | | ≥1 CD4 or VL tests | |
| | | | No. | % | No. | % |
| | White | | | | | |
| Male | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 1,200 | 19.9 | 1,008 | 84.0 | 1,090 | 90.8 |
| 6.00–10.99 | 1,712 | 28.3 | 1,449 | 84.6 | 1,564 | 91.4 |
| 11.00–17.99 | 1,569 | 26.0 | 1,341 | 85.5 | 1,430 | 91.1 |
| ≥18 | 1,559 | 25.8 | 1,274 | 81.7 | 1,382 | 88.6 |
| Less than high school diploma (%) | | | | | | |
| <6 | 1,771 | 29.3 | 1,502 | 84.8 | 1,610 | 90.9 |
| 6.00–9.99 | 1,329 | 22.0 | 1,138 | 85.6 | 1,217 | 91.6 |
| 10.00–17.99 | 1,681 | 27.8 | 1,399 | 83.2 | 1,509 | 89.8 |
| ≥18 | 1,260 | 20.9 | 1,034 | 82.1 | 1,131 | 89.8 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 1,383 | 22.9 | 1,126 | 81.4 | 1,219 | 88.1 |
| 42,000–56,999 | 1,556 | 25.8 | 1,318 | 84.7 | 1,423 | 91.5 |
| 57,000–77,999 | 1,605 | 26.6 | 1,349 | 84.0 | 1,456 | 90.7 |
| ≥78,000 | 1,495 | 24.8 | 1,278 | 85.5 | 1,367 | 91.4 |
| Without health insurance (%) | | | | | | |
| <5 | 1,243 | 20.6 | 1,056 | 85.0 | 1,126 | 90.6 |
| 5.00–8.99 | 1,484 | 24.6 | 1,259 | 84.8 | 1,359 | 91.6 |
| 9.00–14.99 | 1,619 | 26.8 | 1,367 | 84.4 | 1,474 | 91.0 |
| ≥15 | 1,694 | 28.0 | 1,390 | 82.1 | 1,507 | 89.0 |
| Gini index (%) | | | | | | |
| <38 | 1,309 | 21.7 | 1,105 | 84.4 | 1,192 | 91.1 |
| 38.00–41.99 | 1,481 | 24.5 | 1,238 | 83.6 | 1,331 | 89.9 |
| 42.00–45.99 | 1,455 | 24.1 | 1,212 | 83.3 | 1,316 | 90.4 |
| ≥46 | 1,794 | 29.7 | 1,516 | 84.5 | 1,626 | 90.6 |
| Subtotal^b | 6,136 | 100 | 5,155 | 84.0 | 5,556 | 90.5 |
| Female | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 148 | 14.4 | 121 | 81.8 | 137 | 92.6 |
| 6.00–10.99 | 246 | 23.9 | 193 | 78.5 | 215 | 87.4 |
| 11.00–17.99 | 278 | 27.0 | 223 | 80.2 | 244 | 87.8 |
| ≥18 | 359 | 34.8 | 262 | 73.0 | 304 | 84.7 |
| Less than high school diploma (%) | | | | | | |
| <6 | 173 | 16.8 | 144 | 83.2 | 158 | 91.3 |
| 6.00–9.99 | 205 | 19.9 | 164 | 80.0 | 185 | 90.2 |
| 10.00–17.99 | 329 | 31.9 | 260 | 79.0 | 282 | 85.7 |
| ≥18 | 325 | 31.5 | 232 | 71.4 | 276 | 84.9 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 331 | 32.1 | 245 | 74.0 | 286 | 86.4 |
| 42,000–56,999 | 305 | 29.6 | 234 | 76.7 | 261 | 85.6 |
| 57,000–77,999 | 225 | 21.8 | 178 | 79.1 | 195 | 86.7 |
| ≥78,000 | 170 | 16.5 | 142 | 83.5 | 158 | 92.9 |
| Without health insurance (%) | | | | | | |
| <5 | 171 | 16.6 | 143 | 83.6 | 156 | 91.2 |
| 5.00–8.99 | 207 | 20.1 | 148 | 71.5 | 177 | 85.5 |
| 9.00–14.99 | 275 | 26.7 | 223 | 81.1 | 240 | 87.3 |
| ≥15 | 378 | 36.7 | 285 | 75.4 | 327 | 86.5 |
| Gini index (%) | | | | | | |
| <38 | 220 | 21.3 | 181 | 82.3 | 198 | 90.0 |
| 38.00–41.99 | 273 | 26.5 | 210 | 76.9 | 236 | 86.4 |
| 42.00–45.99 | 247 | 24.0 | 185 | 74.9 | 211 | 85.4 |
| ≥46 | 291 | 28.2 | 223 | 76.6 | 255 | 87.6 |
| Subtotal^b | 1,058 | 100 | 820 | 77.5 | 924 | 87.3 |
| Total | 7,194 | 100 | 5,975 | 83.1 | 6,480 | 90.1 |

Table 9a. Linkage to HIV medical care after HIV diagnosis during 2018 among adults, by race/ethnicity, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

| | Total | | ≤1 month | | ≤3 months | |
|--|--------------------------|----------------|--------------------|-------------|--------------------|-------------|
| | No. | % ^a | ≥1 CD4 or VL tests | | ≥1 CD4 or VL tests | |
| | | | No. | % | No. | % |
| | Other^d | | | | | |
| Male | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 220 | 16.5 | 185 | 84.1 | 196 | 89.1 |
| 6.00–10.99 | 341 | 25.5 | 291 | 85.3 | 312 | 91.5 |
| 11.00–17.99 | 374 | 28.0 | 310 | 82.9 | 335 | 89.6 |
| ≥18 | 401 | 30.0 | 336 | 83.8 | 363 | 90.5 |
| Less than high school diploma (%) | | | | | | |
| <6 | 314 | 23.5 | 265 | 84.4 | 279 | 88.9 |
| 6.00–9.99 | 255 | 19.1 | 220 | 86.3 | 236 | 92.5 |
| 10.00–17.99 | 371 | 27.7 | 311 | 83.8 | 338 | 91.1 |
| ≥18 | 397 | 29.7 | 326 | 82.1 | 353 | 88.9 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 292 | 21.9 | 246 | 84.2 | 266 | 91.1 |
| 42,000–56,999 | 335 | 25.1 | 275 | 82.1 | 300 | 89.6 |
| 57,000–77,999 | 352 | 26.4 | 297 | 84.4 | 320 | 90.9 |
| ≥78,000 | 354 | 26.6 | 303 | 85.6 | 318 | 89.8 |
| Without health insurance (%) | | | | | | |
| <5 | 274 | 20.5 | 238 | 86.9 | 251 | 91.6 |
| 5.00–8.99 | 312 | 23.4 | 264 | 84.6 | 283 | 90.7 |
| 9.00–14.99 | 330 | 24.7 | 278 | 84.2 | 297 | 90.0 |
| ≥15 | 420 | 31.4 | 342 | 81.4 | 375 | 89.3 |
| Gini index (%) | | | | | | |
| <38 | 308 | 23.1 | 262 | 85.1 | 276 | 89.6 |
| 38.00–41.99 | 307 | 23.0 | 259 | 84.4 | 281 | 91.5 |
| 42.00–45.99 | 304 | 22.8 | 251 | 82.6 | 273 | 89.8 |
| ≥46 | 414 | 31.1 | 349 | 84.3 | 374 | 90.3 |
| Subtotal^b | 1,362 | 100 | 1,140 | 83.7 | 1,225 | 89.9 |
| Female | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 31 | 12.4 | 23 | 74.2 | 26 | 83.9 |
| 6.00–10.99 | 57 | 22.9 | 47 | 82.5 | 52 | 91.2 |
| 11.00–17.99 | 62 | 24.9 | 53 | 85.5 | 56 | 90.3 |
| ≥18 | 99 | 39.8 | 81 | 81.8 | 84 | 84.8 |
| Less than high school diploma (%) | | | | | | |
| <6 | 41 | 16.5 | 33 | 80.5 | 37 | 90.2 |
| 6.00–9.99 | 37 | 14.9 | 34 | 91.9 | 35 | 94.6 |
| 10.00–17.99 | 73 | 29.3 | 56 | 76.7 | 59 | 80.8 |
| ≥18 | 98 | 39.4 | 81 | 82.7 | 87 | 88.8 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 93 | 37.3 | 77 | 82.8 | 79 | 84.9 |
| 42,000–56,999 | 55 | 22.1 | 42 | 76.4 | 47 | 85.5 |
| 57,000–77,999 | 50 | 20.1 | 46 | 92.0 | 48 | 96.0 |
| ≥78,000 | 51 | 20.5 | 39 | 76.5 | 44 | 86.3 |
| Without health insurance (%) | | | | | | |
| <5 | 40 | 16.1 | 33 | 82.5 | 35 | 87.5 |
| 5.00–8.99 | 53 | 21.3 | 45 | 84.9 | 49 | 92.5 |
| 9.00–14.99 | 49 | 19.7 | 38 | 77.6 | 43 | 87.8 |
| ≥15 | 107 | 43.0 | 88 | 82.2 | 91 | 85.0 |
| Gini index (%) | | | | | | |
| <38 | 47 | 18.9 | 37 | 78.7 | 42 | 89.4 |
| 38.00–41.99 | 60 | 24.1 | 48 | 80.0 | 51 | 85.0 |
| 42.00–45.99 | 52 | 20.9 | 44 | 84.6 | 46 | 88.5 |
| ≥46 | 90 | 36.1 | 75 | 83.3 | 79 | 87.8 |
| Subtotal^b | 254 | 100 | 207 | 81.5 | 222 | 87.4 |
| Total | 1,616 | 100 | 1,347 | 83.4 | 1,447 | 89.5 |

Table 9a. Linkage to HIV medical care after HIV diagnosis during 2018 among adults, by race/ethnicity, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

| | Total | | ≤1 month | | ≤3 months | |
|--|---------------|----------------|--------------------|-------------|--------------------|-------------|
| | No. | % ^a | ≥1 CD4 or VL tests | | ≥1 CD4 or VL tests | |
| | | | No. | % | No. | % |
| | Total | | | | | |
| Male | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 2,850 | 12.2 | 2,345 | 82.3 | 2,549 | 89.4 |
| 6.00–10.99 | 5,089 | 21.9 | 4,163 | 81.8 | 4,544 | 89.3 |
| 11.00–17.99 | 6,208 | 26.7 | 5,110 | 82.3 | 5,526 | 89.0 |
| ≥18 | 9,121 | 39.2 | 7,210 | 79.0 | 7,914 | 86.8 |
| Less than high school diploma (%) | | | | | | |
| <6 | 4,090 | 17.6 | 3,394 | 83.0 | 3,666 | 89.6 |
| 6.00–9.99 | 3,854 | 16.6 | 3,195 | 82.9 | 3,461 | 89.8 |
| 10.00–17.99 | 6,608 | 28.4 | 5,269 | 79.7 | 5,785 | 87.5 |
| ≥18 | 8,731 | 37.5 | 6,980 | 79.9 | 7,633 | 87.4 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 8,243 | 35.4 | 6,462 | 78.4 | 7,119 | 86.4 |
| 42,000–56,999 | 5,999 | 25.8 | 4,911 | 81.9 | 5,335 | 88.9 |
| 57,000–77,999 | 5,065 | 21.8 | 4,154 | 82.0 | 4,509 | 89.0 |
| ≥78,000 | 3,946 | 17.0 | 3,292 | 83.4 | 3,559 | 90.2 |
| Without health insurance (%) | | | | | | |
| <5 | 2,902 | 12.5 | 2,414 | 83.2 | 2,609 | 89.9 |
| 5.00–8.99 | 4,185 | 18.0 | 3,482 | 83.2 | 3,773 | 90.2 |
| 9.00–14.99 | 5,959 | 25.6 | 4,866 | 81.7 | 5,297 | 88.9 |
| ≥15 | 10,226 | 43.9 | 8,067 | 78.9 | 8,856 | 86.6 |
| Gini index (%) | | | | | | |
| <38 | 4,709 | 20.2 | 3,822 | 81.2 | 4,179 | 88.7 |
| 38.00–41.99 | 5,641 | 24.3 | 4,523 | 80.2 | 4,940 | 87.6 |
| 42.00–45.99 | 5,512 | 23.7 | 4,446 | 80.7 | 4,849 | 88.0 |
| ≥46 | 7,397 | 31.8 | 6,031 | 81.5 | 6,558 | 88.7 |
| Subtotal^b | 23,613 | 100 | 19,088 | 80.8 | 20,820 | 88.2 |
| Female | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 531 | 9.9 | 431 | 81.2 | 480 | 90.4 |
| 6.00–10.99 | 968 | 18.0 | 787 | 81.3 | 869 | 89.8 |
| 11.00–17.99 | 1,418 | 26.3 | 1,185 | 83.6 | 1,284 | 90.6 |
| ≥18 | 2,465 | 45.8 | 1,922 | 78.0 | 2,155 | 87.4 |
| Less than high school diploma (%) | | | | | | |
| <6 | 598 | 11.1 | 501 | 83.8 | 549 | 91.8 |
| 6.00–9.99 | 791 | 14.7 | 652 | 82.4 | 724 | 91.5 |
| 10.00–17.99 | 1,663 | 30.9 | 1,333 | 80.2 | 1,472 | 88.5 |
| ≥18 | 2,331 | 43.3 | 1,840 | 78.9 | 2,044 | 87.7 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 2,384 | 44.3 | 1,868 | 78.4 | 2,088 | 87.6 |
| 42,000–56,999 | 1,351 | 25.1 | 1,082 | 80.1 | 1,201 | 88.9 |
| 57,000–77,999 | 954 | 17.7 | 799 | 83.8 | 868 | 91.0 |
| ≥78,000 | 692 | 12.9 | 575 | 83.1 | 630 | 91.0 |
| Without health insurance (%) | | | | | | |
| <5 | 583 | 10.8 | 489 | 83.9 | 533 | 91.4 |
| 5.00–8.99 | 836 | 15.5 | 685 | 81.9 | 757 | 90.6 |
| 9.00–14.99 | 1,336 | 24.8 | 1,088 | 81.4 | 1,197 | 89.6 |
| ≥15 | 2,627 | 48.8 | 2,063 | 78.5 | 2,301 | 87.6 |
| Gini index (%) | | | | | | |
| <38 | 991 | 18.4 | 823 | 83.0 | 894 | 90.2 |
| 38.00–41.99 | 1,348 | 25.0 | 1,088 | 80.7 | 1,191 | 88.4 |
| 42.00–45.99 | 1,228 | 22.8 | 973 | 79.2 | 1,095 | 89.2 |
| ≥46 | 1,815 | 33.7 | 1,441 | 79.4 | 1,608 | 88.6 |
| Subtotal^b | 5,487 | 100 | 4,402 | 80.2 | 4,875 | 88.8 |
| Total | 29,100 | 100 | 23,490 | 80.7 | 25,695 | 88.3 |

Abbreviations: CD4, CD4+ T-lymphocyte count (cells/ μ L) or percentage; VL, viral load (copies/mL); CDC, Centers for Disease Control and Prevention [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. Linkage to HIV medical care was measured by documentation of ≥ 1 CD4 or VL tests ≤ 1 month or ≤ 3 months after HIV diagnosis. Data not provided for states and associated census tracts that do not have laws requiring reporting of all CD4 and viral loads, or that have incomplete reporting of laboratory data to CDC. Areas without laws: Idaho, New Jersey, and Pennsylvania. Areas with incomplete reporting: Arizona, Arkansas, Connecticut, Kansas, Kentucky, Vermont, and Puerto Rico.

Definitions for the SDH indicator variables used in this report can be found at http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2018_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.

Table 9b. Linkage to HIV medical care after HIV diagnosis during 2018 among adults, by age at diagnosis, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia

| | Total | | ≤1 month | | ≤3 months | |
|--|--------------|----------------|--------------------|-------------|--------------------|-------------|
| | No. | % ^a | ≥1 CD4 or VL tests | | ≥1 CD4 or VL tests | |
| | | | No. | % | No. | % |
| 18–24 | | | | | | |
| Male | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 581 | 11.3 | 457 | 78.7 | 505 | 86.9 |
| 6.00–10.99 | 1,037 | 20.2 | 825 | 79.6 | 915 | 88.2 |
| 11.00–17.99 | 1,310 | 25.6 | 1,032 | 78.8 | 1,141 | 87.1 |
| ≥18 | 2,193 | 42.8 | 1,671 | 76.2 | 1,872 | 85.4 |
| Less than high school diploma (%) | | | | | | |
| <6 | 830 | 16.2 | 666 | 80.2 | 727 | 87.6 |
| 6.00–9.99 | 843 | 16.5 | 662 | 78.5 | 732 | 86.8 |
| 10.00–17.99 | 1,488 | 29.0 | 1,158 | 77.8 | 1,294 | 87.0 |
| ≥18 | 1,962 | 38.3 | 1,500 | 76.5 | 1,682 | 85.7 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 2,051 | 40.1 | 1,539 | 75.0 | 1,748 | 85.2 |
| 42,000–56,999 | 1,285 | 25.1 | 1,017 | 79.1 | 1,119 | 87.1 |
| 57,000–77,999 | 1,024 | 20.0 | 808 | 78.9 | 887 | 86.6 |
| ≥78,000 | 758 | 14.8 | 619 | 81.7 | 676 | 89.2 |
| Without health insurance (%) | | | | | | |
| <5 | 562 | 11.0 | 448 | 79.7 | 497 | 88.4 |
| 5.00–8.99 | 906 | 17.7 | 731 | 80.7 | 792 | 87.4 |
| 9.00–14.99 | 1,296 | 25.3 | 1,028 | 79.3 | 1,141 | 88.0 |
| ≥15 | 2,359 | 46.0 | 1,779 | 75.4 | 2,005 | 85.0 |
| Gini index (%) | | | | | | |
| <38 | 1,076 | 21.0 | 844 | 78.4 | 945 | 87.8 |
| 38.00–41.99 | 1,273 | 24.9 | 982 | 77.1 | 1,091 | 85.7 |
| 42.00–45.99 | 1,163 | 22.7 | 905 | 77.8 | 1,005 | 86.4 |
| ≥46 | 1,608 | 31.4 | 1,253 | 77.9 | 1,391 | 86.5 |
| Subtotal^b | 5,208 | 100 | 4,046 | 77.7 | 4,503 | 86.5 |
| Female | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 55 | 7.9 | 45 | 81.8 | 53 | 96.4 |
| 6.00–10.99 | 124 | 17.9 | 97 | 78.2 | 108 | 87.1 |
| 11.00–17.99 | 181 | 26.1 | 139 | 76.8 | 158 | 87.3 |
| ≥18 | 333 | 48.1 | 254 | 76.3 | 289 | 86.8 |
| Less than high school diploma (%) | | | | | | |
| <6 | 65 | 9.4 | 53 | 81.5 | 60 | 92.3 |
| 6.00–9.99 | 98 | 14.1 | 78 | 79.6 | 88 | 89.8 |
| 10.00–17.99 | 226 | 32.6 | 174 | 77.0 | 199 | 88.1 |
| ≥18 | 304 | 43.9 | 230 | 75.7 | 261 | 85.9 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 317 | 45.7 | 244 | 77.0 | 279 | 88.0 |
| 42,000–56,999 | 186 | 26.8 | 143 | 76.9 | 159 | 85.5 |
| 57,000–77,999 | 118 | 17.0 | 93 | 78.8 | 106 | 89.8 |
| ≥78,000 | 72 | 10.4 | 55 | 76.4 | 64 | 88.9 |
| Without health insurance (%) | | | | | | |
| <5 | 59 | 8.5 | 45 | 76.3 | 53 | 89.8 |
| 5.00–8.99 | 100 | 14.4 | 77 | 77.0 | 90 | 90.0 |
| 9.00–14.99 | 176 | 25.4 | 142 | 80.7 | 156 | 88.6 |
| ≥15 | 358 | 51.7 | 271 | 75.7 | 309 | 86.3 |
| Gini index (%) | | | | | | |
| <38 | 122 | 17.6 | 97 | 79.5 | 108 | 88.5 |
| 38.00–41.99 | 177 | 25.5 | 135 | 76.3 | 155 | 87.6 |
| 42.00–45.99 | 158 | 22.8 | 121 | 76.6 | 136 | 86.1 |
| ≥46 | 236 | 34.1 | 182 | 77.1 | 209 | 88.6 |
| Subtotal^b | 704 | 100 | 544 | 77.3 | 617 | 87.6 |
| Total | 5,912 | 100 | 4,590 | 77.6 | 5,120 | 86.6 |

Table 9b. Linkage to HIV medical care after HIV diagnosis during 2018 among adults, by age at diagnosis, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

| | Total | | ≤1 month | | ≤3 months | |
|--|---------------|----------------|--------------------|-------------|--------------------|-------------|
| | No. | % ^a | ≥1 CD4 or VL tests | | ≥1 CD4 or VL tests | |
| | No. | % | No. | % | No. | % |
| 25–34 | | | | | | |
| Male | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 1,050 | 11.7 | 863 | 82.2 | 942 | 89.7 |
| 6.00–10.99 | 1,903 | 21.2 | 1,522 | 80.0 | 1,669 | 87.7 |
| 11.00–17.99 | 2,482 | 27.6 | 2,016 | 81.2 | 2,189 | 88.2 |
| ≥18 | 3,551 | 39.5 | 2,830 | 79.7 | 3,090 | 87.0 |
| Less than high school diploma (%) | | | | | | |
| <6 | 1,551 | 17.3 | 1,267 | 81.7 | 1,384 | 89.2 |
| 6.00–9.99 | 1,495 | 16.6 | 1,228 | 82.1 | 1,336 | 89.4 |
| 10.00–17.99 | 2,557 | 28.4 | 2,012 | 78.7 | 2,213 | 86.5 |
| ≥18 | 3,388 | 37.7 | 2,726 | 80.5 | 2,959 | 87.3 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 3,220 | 35.9 | 2,528 | 78.5 | 2,765 | 85.9 |
| 42,000–56,999 | 2,326 | 25.9 | 1,902 | 81.8 | 2,070 | 89.0 |
| 57,000–77,999 | 1,989 | 22.2 | 1,607 | 80.8 | 1,756 | 88.3 |
| ≥78,000 | 1,443 | 16.1 | 1,190 | 82.5 | 1,294 | 89.7 |
| Without health insurance (%) | | | | | | |
| <5 | 1,032 | 11.5 | 849 | 82.3 | 926 | 89.7 |
| 5.00–8.99 | 1,582 | 17.6 | 1,305 | 82.5 | 1,427 | 90.2 |
| 9.00–14.99 | 2,374 | 26.4 | 1,907 | 80.3 | 2,073 | 87.3 |
| ≥15 | 4,000 | 44.5 | 3,170 | 79.2 | 3,464 | 86.6 |
| Gini index (%) | | | | | | |
| <38 | 1,857 | 20.7 | 1,484 | 79.9 | 1,633 | 87.9 |
| 38.00–41.99 | 2,176 | 24.2 | 1,745 | 80.2 | 1,902 | 87.4 |
| 42.00–45.99 | 2,100 | 23.4 | 1,668 | 79.4 | 1,819 | 86.6 |
| ≥46 | 2,848 | 31.7 | 2,331 | 81.8 | 2,532 | 88.9 |
| Subtotal^b | 9,102 | 100 | 7,314 | 80.4 | 7,983 | 87.7 |
| Female | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 139 | 9.5 | 111 | 79.9 | 123 | 88.5 |
| 6.00–10.99 | 251 | 17.2 | 204 | 81.3 | 226 | 90.0 |
| 11.00–17.99 | 360 | 24.7 | 304 | 84.4 | 326 | 90.6 |
| ≥18 | 707 | 48.5 | 547 | 77.4 | 620 | 87.7 |
| Less than high school diploma (%) | | | | | | |
| <6 | 164 | 11.2 | 136 | 82.9 | 145 | 88.4 |
| 6.00–9.99 | 222 | 15.2 | 182 | 82.0 | 205 | 92.3 |
| 10.00–17.99 | 435 | 29.8 | 351 | 80.7 | 385 | 88.5 |
| ≥18 | 637 | 43.7 | 498 | 78.2 | 561 | 88.1 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 692 | 47.5 | 533 | 77.0 | 604 | 87.3 |
| 42,000–56,999 | 357 | 24.5 | 288 | 80.7 | 314 | 88.0 |
| 57,000–77,999 | 236 | 16.2 | 205 | 86.9 | 223 | 94.5 |
| ≥78,000 | 172 | 11.8 | 140 | 81.4 | 154 | 89.5 |
| Without health insurance (%) | | | | | | |
| <5 | 144 | 9.9 | 119 | 82.6 | 130 | 90.3 |
| 5.00–8.99 | 216 | 14.8 | 179 | 82.9 | 196 | 90.7 |
| 9.00–14.99 | 359 | 24.6 | 289 | 80.5 | 319 | 88.9 |
| ≥15 | 738 | 50.7 | 579 | 78.5 | 650 | 88.1 |
| Gini index (%) | | | | | | |
| <38 | 252 | 17.3 | 202 | 80.2 | 227 | 90.1 |
| 38.00–41.99 | 370 | 25.4 | 307 | 83.0 | 325 | 87.8 |
| 42.00–45.99 | 343 | 23.5 | 268 | 78.1 | 302 | 88.0 |
| ≥46 | 492 | 33.8 | 389 | 79.1 | 441 | 89.6 |
| Subtotal^b | 1,493 | 100 | 1,188 | 79.6 | 1,322 | 88.5 |
| Total | 10,595 | 100 | 8,502 | 80.2 | 9,305 | 87.8 |

Table 9b. Linkage to HIV medical care after HIV diagnosis during 2018 among adults, by age at diagnosis, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

| | Total | | ≤1 month | | ≤3 months | |
|--|--------------|----------------|--------------------|-------------|--------------------|-------------|
| | No. | % ^a | ≥1 CD4 or VL tests | | ≥1 CD4 or VL tests | |
| | No. | % | No. | % | No. | % |
| 35–44 | | | | | | |
| Male | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 501 | 11.8 | 420 | 83.8 | 453 | 90.4 |
| 6.00–10.99 | 966 | 22.8 | 814 | 84.3 | 879 | 91.0 |
| 11.00–17.99 | 1,173 | 27.7 | 1,007 | 85.8 | 1,060 | 90.4 |
| ≥18 | 1,588 | 37.6 | 1,280 | 80.6 | 1,396 | 87.9 |
| Less than high school diploma (%) | | | | | | |
| <6 | 763 | 18.0 | 648 | 84.9 | 694 | 91.0 |
| 6.00–9.99 | 680 | 16.1 | 583 | 85.7 | 620 | 91.2 |
| 10.00–17.99 | 1,203 | 28.4 | 986 | 82.0 | 1,063 | 88.4 |
| ≥18 | 1,586 | 37.5 | 1,307 | 82.4 | 1,415 | 89.2 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 1,346 | 31.9 | 1,092 | 81.1 | 1,186 | 88.1 |
| 42,000–56,999 | 1,133 | 26.8 | 951 | 83.9 | 1,012 | 89.3 |
| 57,000–77,999 | 986 | 23.3 | 835 | 84.7 | 894 | 90.7 |
| ≥78,000 | 761 | 18.0 | 642 | 84.4 | 695 | 91.3 |
| Without health insurance (%) | | | | | | |
| <5 | 563 | 13.3 | 478 | 84.9 | 513 | 91.1 |
| 5.00–8.99 | 755 | 17.9 | 635 | 84.1 | 679 | 89.9 |
| 9.00–14.99 | 1,057 | 25.0 | 899 | 85.1 | 966 | 91.4 |
| ≥15 | 1,853 | 43.8 | 1,509 | 81.4 | 1,630 | 88.0 |
| Gini index (%) | | | | | | |
| <38 | 851 | 20.1 | 723 | 85.0 | 767 | 90.1 |
| 38.00–41.99 | 1,005 | 23.8 | 836 | 83.2 | 898 | 89.4 |
| 42.00–45.99 | 1,019 | 24.1 | 837 | 82.1 | 911 | 89.4 |
| ≥46 | 1,352 | 32.0 | 1,125 | 83.2 | 1,212 | 89.6 |
| Subtotal^b | 4,290 | 100 | 3,569 | 83.2 | 3,841 | 89.5 |
| Female | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 137 | 10.5 | 111 | 81.0 | 124 | 90.5 |
| 6.00–10.99 | 228 | 17.4 | 191 | 83.8 | 205 | 89.9 |
| 11.00–17.99 | 367 | 28.0 | 312 | 85.0 | 335 | 91.3 |
| ≥18 | 579 | 44.2 | 460 | 79.4 | 512 | 88.4 |
| Less than high school diploma (%) | | | | | | |
| <6 | 142 | 10.8 | 114 | 80.3 | 127 | 89.4 |
| 6.00–9.99 | 181 | 13.8 | 159 | 87.8 | 169 | 93.4 |
| 10.00–17.99 | 411 | 31.4 | 332 | 80.8 | 370 | 90.0 |
| ≥18 | 577 | 44.0 | 469 | 81.3 | 510 | 88.4 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 581 | 44.4 | 462 | 79.5 | 511 | 88.0 |
| 42,000–56,999 | 322 | 24.6 | 269 | 83.5 | 295 | 91.6 |
| 57,000–77,999 | 251 | 19.2 | 217 | 86.5 | 230 | 91.6 |
| ≥78,000 | 156 | 11.9 | 125 | 80.1 | 139 | 89.1 |
| Without health insurance (%) | | | | | | |
| <5 | 144 | 11.0 | 122 | 84.7 | 130 | 90.3 |
| 5.00–8.99 | 213 | 16.2 | 177 | 83.1 | 196 | 92.0 |
| 9.00–14.99 | 326 | 24.9 | 274 | 84.0 | 295 | 90.5 |
| ≥15 | 628 | 47.9 | 501 | 79.8 | 555 | 88.4 |
| Gini index (%) | | | | | | |
| <38 | 264 | 20.1 | 222 | 84.1 | 236 | 89.4 |
| 38.00–41.99 | 312 | 23.8 | 255 | 81.7 | 283 | 90.7 |
| 42.00–45.99 | 286 | 21.8 | 228 | 79.7 | 258 | 90.2 |
| ≥46 | 449 | 34.2 | 369 | 82.2 | 399 | 88.9 |
| Subtotal^b | 1,331 | 100 | 1,090 | 81.9 | 1,193 | 89.6 |
| Total | 5,621 | 100 | 4,659 | 82.9 | 5,034 | 89.6 |

Table 9b. Linkage to HIV medical care after HIV diagnosis during 2018 among adults, by age at diagnosis, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

| | Total | | ≤1 month | | ≤3 months | |
|--|--------------|----------------|--------------------|-------------|--------------------|-------------|
| | No. | % ^a | ≥1 CD4 or VL tests | | ≥1 CD4 or VL tests | |
| | No. | % | No. | % | No. | % |
| 45–54 | | | | | | |
| Male | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 410 | 13.9 | 344 | 83.9 | 368 | 89.8 |
| 6.00–10.99 | 701 | 23.8 | 596 | 85.0 | 642 | 91.6 |
| 11.00–17.99 | 738 | 25.0 | 638 | 86.4 | 677 | 91.7 |
| ≥18 | 1,101 | 37.3 | 881 | 80.0 | 957 | 86.9 |
| Less than high school diploma (%) | | | | | | |
| <6 | 545 | 18.5 | 468 | 85.9 | 490 | 89.9 |
| 6.00–9.99 | 478 | 16.2 | 409 | 85.6 | 439 | 91.8 |
| 10.00–17.99 | 809 | 27.4 | 673 | 83.2 | 734 | 90.7 |
| ≥18 | 1,121 | 38.0 | 912 | 81.4 | 984 | 87.8 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 1,012 | 34.3 | 807 | 79.7 | 877 | 86.7 |
| 42,000–56,999 | 718 | 24.3 | 615 | 85.7 | 662 | 92.2 |
| 57,000–77,999 | 635 | 21.5 | 542 | 85.4 | 577 | 90.9 |
| ≥78,000 | 584 | 19.8 | 494 | 84.6 | 527 | 90.2 |
| Without health insurance (%) | | | | | | |
| <5 | 423 | 14.3 | 358 | 84.6 | 377 | 89.1 |
| 5.00–8.99 | 544 | 18.4 | 470 | 86.4 | 503 | 92.5 |
| 9.00–14.99 | 743 | 25.2 | 626 | 84.3 | 672 | 90.4 |
| ≥15 | 1,240 | 42.0 | 1,005 | 81.0 | 1,092 | 88.1 |
| Gini index (%) | | | | | | |
| <38 | 549 | 18.6 | 466 | 84.9 | 501 | 91.3 |
| 38.00–41.99 | 730 | 24.8 | 592 | 81.1 | 644 | 88.2 |
| 42.00–45.99 | 729 | 24.7 | 619 | 84.9 | 660 | 90.5 |
| ≥46 | 941 | 31.9 | 781 | 83.0 | 838 | 89.1 |
| Subtotal^b | 3,002 | 100 | 2,502 | 83.3 | 2,689 | 89.6 |
| Female | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 105 | 9.9 | 80 | 76.2 | 90 | 85.7 |
| 6.00–10.99 | 191 | 18.1 | 154 | 80.6 | 174 | 91.1 |
| 11.00–17.99 | 293 | 27.7 | 241 | 82.3 | 265 | 90.4 |
| ≥18 | 469 | 44.3 | 367 | 78.3 | 407 | 86.8 |
| Less than high school diploma (%) | | | | | | |
| <6 | 112 | 10.6 | 96 | 85.7 | 108 | 96.4 |
| 6.00–9.99 | 158 | 14.9 | 127 | 80.4 | 143 | 90.5 |
| 10.00–17.99 | 345 | 32.6 | 272 | 78.8 | 298 | 86.4 |
| ≥18 | 443 | 41.9 | 347 | 78.3 | 387 | 87.4 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 458 | 43.3 | 366 | 79.9 | 400 | 87.3 |
| 42,000–56,999 | 253 | 23.9 | 190 | 75.1 | 222 | 87.7 |
| 57,000–77,999 | 192 | 18.1 | 155 | 80.7 | 170 | 88.5 |
| ≥78,000 | 155 | 14.7 | 131 | 84.5 | 144 | 92.9 |
| Without health insurance (%) | | | | | | |
| <5 | 122 | 11.5 | 100 | 82.0 | 110 | 90.2 |
| 5.00–8.99 | 169 | 16.0 | 138 | 81.7 | 152 | 89.9 |
| 9.00–14.99 | 263 | 24.9 | 214 | 81.4 | 237 | 90.1 |
| ≥15 | 504 | 47.6 | 390 | 77.4 | 437 | 86.7 |
| Gini index (%) | | | | | | |
| <38 | 212 | 20.0 | 179 | 84.4 | 193 | 91.0 |
| 38.00–41.99 | 280 | 26.5 | 220 | 78.6 | 243 | 86.8 |
| 42.00–45.99 | 229 | 21.6 | 182 | 79.5 | 207 | 90.4 |
| ≥46 | 337 | 31.9 | 261 | 77.4 | 293 | 86.9 |
| Subtotal^b | 1,081 | 100 | 858 | 79.4 | 956 | 88.4 |
| Total | 4,083 | 100 | 3,360 | 82.3 | 3,645 | 89.3 |

Table 9b. Linkage to HIV medical care after HIV diagnosis during 2018 among adults, by age at diagnosis, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

| | Total | | ≤1 month | | ≤3 months | |
|--|--------------|----------------|--------------------|-------------|--------------------|-------------|
| | No. | % ^a | ≥1 CD4 or VL tests | % | ≥1 CD4 or VL tests | % |
| ≥55 | | | | | | |
| Male | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 308 | 15.5 | 261 | 84.7 | 281 | 91.2 |
| 6.00–10.99 | 482 | 24.3 | 406 | 84.2 | 439 | 91.1 |
| 11.00–17.99 | 505 | 25.5 | 417 | 82.6 | 459 | 90.9 |
| ≥18 | 688 | 34.7 | 548 | 79.7 | 599 | 87.1 |
| Less than high school diploma (%) | | | | | | |
| <6 | 401 | 20.2 | 345 | 86.0 | 371 | 92.5 |
| 6.00–9.99 | 358 | 18.0 | 313 | 87.4 | 334 | 93.3 |
| 10.00–17.99 | 551 | 27.8 | 440 | 79.9 | 481 | 87.3 |
| ≥18 | 674 | 34.0 | 535 | 79.4 | 593 | 88.0 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 614 | 31.0 | 496 | 80.8 | 543 | 88.4 |
| 42,000–56,999 | 537 | 27.1 | 426 | 79.3 | 472 | 87.9 |
| 57,000–77,999 | 431 | 21.7 | 362 | 84.0 | 395 | 91.6 |
| ≥78,000 | 400 | 20.2 | 347 | 86.8 | 367 | 91.8 |
| Without health insurance (%) | | | | | | |
| <5 | 322 | 16.2 | 281 | 87.3 | 296 | 91.9 |
| 5.00–8.99 | 398 | 20.1 | 341 | 85.7 | 372 | 93.5 |
| 9.00–14.99 | 489 | 24.7 | 406 | 83.0 | 445 | 91.0 |
| ≥15 | 774 | 39.0 | 604 | 78.0 | 665 | 85.9 |
| Gini index (%) | | | | | | |
| <38 | 376 | 19.0 | 305 | 81.1 | 333 | 88.6 |
| 38.00–41.99 | 457 | 23.1 | 368 | 80.5 | 405 | 88.6 |
| 42.00–45.99 | 501 | 25.3 | 417 | 83.2 | 454 | 90.6 |
| ≥46 | 648 | 32.7 | 541 | 83.5 | 585 | 90.3 |
| Subtotal^b | 2,011 | 100 | 1,657 | 82.4 | 1,804 | 89.7 |
| Female | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 95 | 11.0 | 84 | 88.4 | 90 | 94.7 |
| 6.00–10.99 | 174 | 20.2 | 141 | 81.0 | 156 | 89.7 |
| 11.00–17.99 | 217 | 25.1 | 189 | 87.1 | 200 | 92.2 |
| ≥18 | 377 | 43.7 | 294 | 78.0 | 327 | 86.7 |
| Less than high school diploma (%) | | | | | | |
| <6 | 115 | 13.3 | 102 | 88.7 | 109 | 94.8 |
| 6.00–9.99 | 132 | 15.3 | 106 | 80.3 | 119 | 90.2 |
| 10.00–17.99 | 246 | 28.5 | 204 | 82.9 | 220 | 89.4 |
| ≥18 | 370 | 42.9 | 296 | 80.0 | 325 | 87.8 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 336 | 38.9 | 263 | 78.3 | 294 | 87.5 |
| 42,000–56,999 | 233 | 27.0 | 192 | 82.4 | 211 | 90.6 |
| 57,000–77,999 | 157 | 18.2 | 129 | 82.2 | 139 | 88.5 |
| ≥78,000 | 137 | 15.9 | 124 | 90.5 | 129 | 94.2 |
| Without health insurance (%) | | | | | | |
| <5 | 114 | 13.2 | 103 | 90.4 | 110 | 96.5 |
| 5.00–8.99 | 138 | 16.0 | 114 | 82.6 | 123 | 89.1 |
| 9.00–14.99 | 212 | 24.6 | 169 | 79.7 | 190 | 89.6 |
| ≥15 | 399 | 46.2 | 322 | 80.7 | 350 | 87.7 |
| Gini index (%) | | | | | | |
| <38 | 141 | 16.3 | 123 | 87.2 | 130 | 92.2 |
| 38.00–41.99 | 209 | 24.2 | 171 | 81.8 | 185 | 88.5 |
| 42.00–45.99 | 212 | 24.6 | 174 | 82.1 | 192 | 90.6 |
| ≥46 | 301 | 34.9 | 240 | 79.7 | 266 | 88.4 |
| Subtotal^b | 878 | 100 | 722 | 82.2 | 787 | 89.6 |
| Total | 2,889 | 100 | 2,379 | 82.3 | 2,591 | 89.7 |

Abbreviations: CD4, CD4+ T-lymphocyte count (cells/μL) or percentage; VL, viral load (copies/mL); CDC, Centers for Disease Control and Prevention [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. Linkage to HIV medical care was measured by documentation of ≥1 CD4 or VL tests ≤1 month or ≤3 months after HIV diagnosis. Data not provided for states and associated census tracts that do not have laws requiring reporting of all CD4 and viral loads, or that have incomplete reporting of laboratory data to CDC. Areas without laws: Idaho, New Jersey, and Pennsylvania. Areas with incomplete reporting: Arizona, Arkansas, Connecticut, Kansas, Kentucky, Vermont, and Puerto Rico.

Definitions for the SDH indicator variables used in this report can be found at http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2018_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.

Table 9c. Linkage to HIV medical care after HIV diagnosis during 2018 among adults, by transmission category, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia

| | Total | | ≤1 month | | ≤3 months | |
|--|---------------|----------------|--------------------|-------------|--------------------|-------------|
| | No. | % ^a | ≥1 CD4 or VL tests | | ≥1 CD4 or VL tests | |
| | No. | % | No. | % | No. | % |
| Male-to-male sexual contact | | | | | | |
| Male | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 2,392 | 12.4 | 1,984 | 82.9 | 2,141 | 89.5 |
| 6.00–10.99 | 4,280 | 22.2 | 3,504 | 81.9 | 3,828 | 89.5 |
| 11.00–17.99 | 5,202 | 27.0 | 4,321 | 83.1 | 4,656 | 89.5 |
| ≥18 | 7,407 | 38.4 | 5,915 | 79.9 | 6,472 | 87.4 |
| Less than high school diploma (%) | | | | | | |
| <6 | 3,521 | 18.2 | 2,938 | 83.4 | 3,159 | 89.7 |
| 6.00–9.99 | 3,250 | 16.8 | 2,705 | 83.2 | 2,926 | 90.0 |
| 10.00–17.99 | 5,417 | 28.1 | 4,353 | 80.4 | 4,772 | 88.1 |
| ≥18 | 7,104 | 36.8 | 5,735 | 80.7 | 6,249 | 88.0 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 6,672 | 34.6 | 5,283 | 79.2 | 5,805 | 87.0 |
| 42,000–56,999 | 4,952 | 25.7 | 4,086 | 82.5 | 4,423 | 89.3 |
| 57,000–77,999 | 4,278 | 22.2 | 3,520 | 82.3 | 3,820 | 89.3 |
| ≥78,000 | 3,365 | 17.5 | 2,828 | 84.0 | 3,038 | 90.3 |
| Without health insurance (%) | | | | | | |
| <5 | 2,428 | 12.6 | 2,034 | 83.8 | 2,186 | 90.0 |
| 5.00–8.99 | 3,452 | 17.9 | 2,893 | 83.8 | 3,124 | 90.5 |
| 9.00–14.99 | 4,972 | 25.8 | 4,078 | 82.0 | 4,436 | 89.2 |
| ≥15 | 8,432 | 43.7 | 6,721 | 79.7 | 7,353 | 87.2 |
| Gini index (%) | | | | | | |
| <38 | 3,961 | 20.6 | 3,217 | 81.2 | 3,514 | 88.7 |
| 38.00–41.99 | 4,676 | 24.3 | 3,773 | 80.7 | 4,108 | 87.9 |
| 42.00–45.99 | 4,568 | 23.7 | 3,712 | 81.3 | 4,045 | 88.5 |
| ≥46 | 6,068 | 31.5 | 5,018 | 82.7 | 5,424 | 89.4 |
| Subtotal^b | 19,569 | 100 | 15,943 | 81.5 | 17,336 | 88.6 |
| Female | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | — | — | — | — | — | — |
| 6.00–10.99 | — | — | — | — | — | — |
| 11.00–17.99 | — | — | — | — | — | — |
| ≥18 | — | — | — | — | — | — |
| Less than high school diploma (%) | | | | | | |
| <6 | — | — | — | — | — | — |
| 6.00–9.99 | — | — | — | — | — | — |
| 10.00–17.99 | — | — | — | — | — | — |
| ≥18 | — | — | — | — | — | — |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | — | — | — | — | — | — |
| 42,000–56,999 | — | — | — | — | — | — |
| 57,000–77,999 | — | — | — | — | — | — |
| ≥78,000 | — | — | — | — | — | — |
| Without health insurance (%) | | | | | | |
| <5 | — | — | — | — | — | — |
| 5.00–8.99 | — | — | — | — | — | — |
| 9.00–14.99 | — | — | — | — | — | — |
| ≥15 | — | — | — | — | — | — |
| Gini index (%) | | | | | | |
| <38 | — | — | — | — | — | — |
| 38.00–41.99 | — | — | — | — | — | — |
| 42.00–45.99 | — | — | — | — | — | — |
| ≥46 | — | — | — | — | — | — |
| Subtotal^b | — | — | — | — | — | — |
| Total | 19,569 | 100 | 15,943 | 81.5 | 17,336 | 88.6 |

Table 9c. Linkage to HIV medical care after HIV diagnosis during 2018 among adults, by transmission category, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

| | Total | | ≤1 month | | ≤3 months | |
|--|---------------------------|----------------|--------------------|-------------|--------------------|-------------|
| | No. | % ^a | ≥1 CD4 or VL tests | | ≥1 CD4 or VL tests | |
| | | | No. | % | No. | % |
| | Injection drug use | | | | | |
| Male | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 83 | 10.1 | 63 | 76.6 | 71 | 85.4 |
| 6.00–10.99 | 158 | 19.3 | 129 | 81.7 | 137 | 87.1 |
| 11.00–17.99 | 217 | 26.5 | 166 | 76.6 | 183 | 84.5 |
| ≥18 | 361 | 44.1 | 260 | 72.0 | 298 | 82.7 |
| Less than high school diploma (%) | | | | | | |
| <6 | 108 | 13.3 | 85 | 78.5 | 94 | 86.6 |
| 6.00–9.99 | 118 | 14.4 | 93 | 78.7 | 101 | 85.4 |
| 10.00–17.99 | 228 | 27.9 | 173 | 76.0 | 193 | 84.5 |
| ≥18 | 363 | 44.4 | 267 | 73.4 | 302 | 83.1 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 338 | 41.4 | 239 | 70.7 | 274 | 81.2 |
| 42,000–56,999 | 202 | 24.8 | 158 | 78.0 | 177 | 87.5 |
| 57,000–77,999 | 156 | 19.1 | 127 | 81.7 | 134 | 86.1 |
| ≥78,000 | 121 | 14.8 | 94 | 77.9 | 103 | 85.8 |
| Without health insurance (%) | | | | | | |
| <5 | 104 | 12.7 | 83 | 80.5 | 90 | 87.1 |
| 5.00–8.99 | 183 | 22.3 | 141 | 77.0 | 156 | 85.7 |
| 9.00–14.99 | 211 | 25.8 | 160 | 76.1 | 178 | 84.7 |
| ≥15 | 321 | 39.2 | 233 | 72.8 | 264 | 82.3 |
| Gini index (%) | | | | | | |
| <38 | 147 | 18.0 | 115 | 77.8 | 126 | 85.5 |
| 38.00–41.99 | 205 | 25.1 | 164 | 79.9 | 179 | 87.2 |
| 42.00–45.99 | 199 | 24.4 | 145 | 72.6 | 161 | 81.0 |
| ≥46 | 265 | 32.5 | 195 | 73.5 | 223 | 84.1 |
| Subtotal^b | 836 | 100 | 632 | 75.6 | 706 | 84.5 |
| Female | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 66 | 9.4 | 50 | 76.6 | 58 | 87.4 |
| 6.00–10.99 | 144 | 20.6 | 115 | 79.9 | 129 | 89.7 |
| 11.00–17.99 | 159 | 22.8 | 129 | 80.8 | 139 | 87.5 |
| ≥18 | 330 | 47.2 | 236 | 71.5 | 280 | 84.8 |
| Less than high school diploma (%) | | | | | | |
| <6 | 84 | 12.0 | 70 | 83.5 | 77 | 92.6 |
| 6.00–9.99 | 107 | 15.3 | 84 | 78.0 | 93 | 86.5 |
| 10.00–17.99 | 218 | 31.2 | 167 | 76.5 | 189 | 86.9 |
| ≥18 | 291 | 41.6 | 210 | 72.4 | 247 | 84.9 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 301 | 43.0 | 219 | 72.9 | 258 | 85.8 |
| 42,000–56,999 | 187 | 26.8 | 141 | 75.5 | 158 | 84.4 |
| 57,000–77,999 | 125 | 17.9 | 102 | 81.4 | 113 | 90.8 |
| ≥78,000 | 86 | 12.3 | 68 | 78.9 | 76 | 88.7 |
| Without health insurance (%) | | | | | | |
| <5 | 105 | 15.1 | 88 | 83.2 | 95 | 90.0 |
| 5.00–8.99 | 124 | 17.8 | 89 | 71.8 | 109 | 87.8 |
| 9.00–14.99 | 190 | 27.2 | 152 | 79.7 | 164 | 86.3 |
| ≥15 | 279 | 39.9 | 202 | 72.2 | 238 | 85.2 |
| Gini index (%) | | | | | | |
| <38 | 121 | 17.3 | 96 | 79.7 | 106 | 88.1 |
| 38.00–41.99 | 159 | 22.8 | 122 | 76.6 | 136 | 85.2 |
| 42.00–45.99 | 166 | 23.7 | 120 | 72.2 | 143 | 86.2 |
| ≥46 | 253 | 36.3 | 192 | 75.9 | 221 | 87.3 |
| Subtotal^b | 716 | 100 | 539 | 75.4 | 618 | 86.3 |
| Total | 1,552 | 100 | 1,171 | 75.5 | 1,324 | 85.3 |

Table 9c. Linkage to HIV medical care after HIV diagnosis during 2018 among adults, by transmission category, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

| | Total | | ≤1 month | | ≤3 months | |
|---|------------|----------------|--------------------|-------------|--------------------|-------------|
| | No. | % ^a | ≥1 CD4 or VL tests | | ≥1 CD4 or VL tests | |
| | | | No. | % | No. | % |
| Male-to-male sexual contact and injection drug use | | | | | | |
| Male | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 124 | 12.7 | 101 | 82.0 | 114 | 92.2 |
| 6.00–10.99 | 224 | 23.0 | 182 | 81.2 | 203 | 90.8 |
| 11.00–17.99 | 258 | 26.6 | 202 | 78.4 | 221 | 85.5 |
| ≥18 | 366 | 37.6 | 293 | 80.0 | 324 | 88.5 |
| Less than high school diploma (%) | | | | | | |
| <6 | 202 | 20.8 | 169 | 83.7 | 187 | 92.3 |
| 6.00–9.99 | 164 | 16.9 | 137 | 83.4 | 150 | 91.4 |
| 10.00–17.99 | 285 | 29.3 | 224 | 78.5 | 245 | 85.9 |
| ≥18 | 320 | 33.0 | 248 | 77.5 | 280 | 87.5 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 313 | 32.2 | 248 | 79.3 | 275 | 87.9 |
| 42,000–56,999 | 272 | 28.0 | 210 | 77.2 | 233 | 85.7 |
| 57,000–77,999 | 202 | 20.8 | 167 | 82.3 | 182 | 89.9 |
| ≥78,000 | 183 | 18.9 | 153 | 83.3 | 171 | 93.1 |
| Without health insurance (%) | | | | | | |
| <5 | 158 | 16.3 | 132 | 83.6 | 146 | 92.0 |
| 5.00–8.99 | 221 | 22.7 | 185 | 84.0 | 204 | 92.4 |
| 9.00–14.99 | 247 | 25.4 | 207 | 83.7 | 224 | 90.9 |
| ≥15 | 346 | 35.6 | 254 | 73.4 | 288 | 83.2 |
| Gini index (%) | | | | | | |
| <38 | 191 | 19.7 | 152 | 79.3 | 174 | 90.9 |
| 38.00–41.99 | 239 | 24.6 | 192 | 80.6 | 208 | 86.9 |
| 42.00–45.99 | 206 | 21.2 | 166 | 80.9 | 183 | 88.8 |
| ≥46 | 336 | 34.6 | 268 | 79.7 | 298 | 88.7 |
| Subtotal^b | 986 | 100 | 790 | 80.1 | 874 | 88.6 |
| Female | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | — | — | — | — | — | — |
| 6.00–10.99 | — | — | — | — | — | — |
| 11.00–17.99 | — | — | — | — | — | — |
| ≥18 | — | — | — | — | — | — |
| Less than high school diploma (%) | | | | | | |
| <6 | — | — | — | — | — | — |
| 6.00–9.99 | — | — | — | — | — | — |
| 10.00–17.99 | — | — | — | — | — | — |
| ≥18 | — | — | — | — | — | — |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | — | — | — | — | — | — |
| 42,000–56,999 | — | — | — | — | — | — |
| 57,000–77,999 | — | — | — | — | — | — |
| ≥78,000 | — | — | — | — | — | — |
| Without health insurance (%) | | | | | | |
| <5 | — | — | — | — | — | — |
| 5.00–8.99 | — | — | — | — | — | — |
| 9.00–14.99 | — | — | — | — | — | — |
| ≥15 | — | — | — | — | — | — |
| Gini index (%) | | | | | | |
| <38 | — | — | — | — | — | — |
| 38.00–41.99 | — | — | — | — | — | — |
| 42.00–45.99 | — | — | — | — | — | — |
| ≥46 | — | — | — | — | — | — |
| Subtotal^b | — | — | — | — | — | — |
| Total | 986 | 100 | 790 | 80.1 | 874 | 88.6 |

Table 9c. Linkage to HIV medical care after HIV diagnosis during 2018 among adults, by transmission category, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

| | Total | | ≤1 month | | ≤3 months | |
|--|---|----------------|--------------------|-------------|--------------------|-------------|
| | No. | % ^a | ≥1 CD4 or VL tests | | ≥1 CD4 or VL tests | |
| | | | No. | % | No. | % |
| | Heterosexual contact^c | | | | | |
| Male | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 249 | 11.4 | 194 | 78.0 | 221 | 88.9 |
| 6.00–10.99 | 425 | 19.5 | 346 | 81.4 | 373 | 87.8 |
| 11.00–17.99 | 529 | 24.2 | 419 | 79.2 | 465 | 87.9 |
| ≥18 | 980 | 44.9 | 737 | 75.2 | 815 | 83.1 |
| Less than high school diploma (%) | | | | | | |
| <6 | 255 | 11.7 | 199 | 78.1 | 224 | 87.8 |
| 6.00–9.99 | 320 | 14.6 | 259 | 80.9 | 282 | 88.2 |
| 10.00–17.99 | 673 | 30.8 | 515 | 76.5 | 572 | 84.9 |
| ≥18 | 937 | 42.9 | 726 | 77.4 | 798 | 85.2 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 913 | 41.9 | 688 | 75.3 | 759 | 83.1 |
| 42,000–56,999 | 569 | 26.1 | 455 | 80.0 | 499 | 87.7 |
| 57,000–77,999 | 426 | 19.5 | 338 | 79.2 | 370 | 86.9 |
| ≥78,000 | 273 | 12.5 | 215 | 78.6 | 244 | 89.4 |
| Without health insurance (%) | | | | | | |
| <5 | 209 | 9.6 | 162 | 77.4 | 185 | 88.3 |
| 5.00–8.99 | 326 | 14.9 | 261 | 79.9 | 285 | 87.5 |
| 9.00–14.99 | 525 | 24.1 | 418 | 79.6 | 455 | 86.6 |
| ≥15 | 1,122 | 51.4 | 855 | 76.2 | 948 | 84.5 |
| Gini index (%) | | | | | | |
| <38 | 407 | 18.6 | 337 | 82.8 | 364 | 89.4 |
| 38.00–41.99 | 518 | 23.7 | 391 | 75.6 | 442 | 85.5 |
| 42.00–45.99 | 535 | 24.5 | 420 | 78.4 | 457 | 85.4 |
| ≥46 | 722 | 33.1 | 547 | 75.8 | 609 | 84.4 |
| Subtotal^b | 2,205 | 100 | 1,711 | 77.6 | 1,892 | 85.8 |
| Female | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 462 | 9.9 | 378 | 81.8 | 419 | 90.8 |
| 6.00–10.99 | 819 | 17.6 | 668 | 81.5 | 735 | 89.8 |
| 11.00–17.99 | 1,256 | 27.0 | 1,054 | 83.9 | 1,142 | 90.9 |
| ≥18 | 2,122 | 45.5 | 1,675 | 78.9 | 1,863 | 87.8 |
| Less than high school diploma (%) | | | | | | |
| <6 | 508 | 10.9 | 425 | 83.8 | 465 | 91.6 |
| 6.00–9.99 | 682 | 14.6 | 567 | 83.1 | 630 | 92.3 |
| 10.00–17.99 | 1,436 | 30.8 | 1,158 | 80.6 | 1,274 | 88.7 |
| ≥18 | 2,034 | 43.6 | 1,624 | 79.9 | 1,791 | 88.1 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 2,072 | 44.5 | 1,639 | 79.1 | 1,819 | 87.8 |
| 42,000–56,999 | 1,160 | 24.9 | 937 | 80.8 | 1,039 | 89.6 |
| 57,000–77,999 | 826 | 17.7 | 694 | 84.1 | 752 | 91.0 |
| ≥78,000 | 601 | 12.9 | 503 | 83.6 | 549 | 91.3 |
| Without health insurance (%) | | | | | | |
| <5 | 472 | 10.1 | 396 | 83.9 | 433 | 91.7 |
| 5.00–8.99 | 707 | 15.2 | 592 | 83.7 | 644 | 91.1 |
| 9.00–14.99 | 1,142 | 24.5 | 933 | 81.8 | 1,029 | 90.2 |
| ≥15 | 2,338 | 50.2 | 1,852 | 79.2 | 2,054 | 87.8 |
| Gini index (%) | | | | | | |
| <38 | 866 | 18.6 | 723 | 83.5 | 784 | 90.5 |
| 38.00–41.99 | 1,183 | 25.4 | 961 | 81.2 | 1,050 | 88.8 |
| 42.00–45.99 | 1,058 | 22.7 | 850 | 80.4 | 948 | 89.7 |
| ≥46 | 1,552 | 33.3 | 1,240 | 79.9 | 1,378 | 88.8 |
| Subtotal^b | 4,747 | 100 | 3,842 | 80.9 | 4,235 | 89.2 |
| Total | 6,952 | 100 | 5,553 | 79.9 | 6,127 | 88.1 |

Abbreviations: CD4, CD4+ T-lymphocyte count (cells/μL) or percentage; VL, viral load (copies/mL); CDC, Centers for Disease Control and Prevention [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. Linkage to HIV medical care was measured by documentation of ≥1 CD4 or VL tests ≤1 month or ≤3 months after HIV diagnosis. Data not provided for states and associated census tracts that do not have laws requiring reporting of all CD4 and viral loads, or that have incomplete reporting of laboratory data to CDC. Areas without laws: Idaho, New Jersey, and Pennsylvania. Areas with incomplete reporting: Arizona, Arkansas, Connecticut, Kansas, Kentucky, Vermont, and Puerto Rico.

Definitions for the SDH indicator variables used in this report can be found at http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2018_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 9d. Linkage to HIV medical care after HIV diagnosis during 2018 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

| | Total | | ≤1 month | | ≤3 months | |
|--|--------------|----------------|--------------------|-------------|--------------------|-------------|
| | No. | % ^a | ≥1 CD4 or VL tests | | ≥1 CD4 or VL tests | |
| | | | No. | % | No. | % |
| Black/African American | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 635 | 8.7 | 501 | 78.8 | 551 | 86.7 |
| 6.00–10.99 | 1,236 | 17.0 | 944 | 76.4 | 1,058 | 85.6 |
| 11.00–17.99 | 1,888 | 26.0 | 1,471 | 77.9 | 1,619 | 85.8 |
| ≥18 | 3,517 | 48.3 | 2,692 | 76.6 | 2,990 | 85.0 |
| Less than high school diploma (%) | | | | | | |
| <6 | 974 | 13.4 | 772 | 79.2 | 848 | 87.1 |
| 6.00–9.99 | 1,182 | 16.2 | 928 | 78.5 | 1,020 | 86.3 |
| 10.00–17.99 | 2,380 | 32.7 | 1,788 | 75.1 | 2,007 | 84.3 |
| ≥18 | 2,743 | 37.7 | 2,120 | 77.3 | 2,345 | 85.5 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 3,431 | 47.2 | 2,606 | 76.0 | 2,916 | 85.0 |
| 42,000–56,999 | 1,755 | 24.1 | 1,371 | 78.1 | 1,510 | 86.0 |
| 57,000–77,999 | 1,261 | 17.3 | 986 | 78.2 | 1,080 | 85.7 |
| ≥78,000 | 822 | 11.3 | 640 | 77.9 | 707 | 86.1 |
| Without health insurance (%) | | | | | | |
| <5 | 647 | 8.9 | 513 | 79.2 | 566 | 87.6 |
| 5.00–8.99 | 1,153 | 15.8 | 922 | 79.9 | 1,007 | 87.3 |
| 9.00–14.99 | 1,973 | 27.1 | 1,537 | 77.9 | 1,698 | 86.1 |
| ≥15 | 3,505 | 48.2 | 2,637 | 75.2 | 2,949 | 84.1 |
| Gini index (%) | | | | | | |
| <38 | 1,366 | 18.8 | 1,045 | 76.5 | 1,170 | 85.6 |
| 38.00–41.99 | 1,649 | 22.7 | 1,247 | 75.6 | 1,391 | 84.4 |
| 42.00–45.99 | 1,661 | 22.8 | 1,280 | 77.1 | 1,409 | 84.8 |
| ≥46 | 2,597 | 35.7 | 2,032 | 78.2 | 2,246 | 86.5 |
| Total^b | 7,396 | 100 | 5,692 | 77.0 | 6,315 | 85.4 |
| Hispanic/Latino^c | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 562 | 9.5 | 475 | 84.5 | 508 | 90.3 |
| 6.00–10.99 | 1,323 | 22.3 | 1,100 | 83.2 | 1,194 | 90.2 |
| 11.00–17.99 | 1,714 | 28.9 | 1,468 | 85.7 | 1,570 | 91.6 |
| ≥18 | 2,337 | 39.4 | 1,922 | 82.3 | 2,091 | 89.5 |
| Less than high school diploma (%) | | | | | | |
| <6 | 752 | 12.7 | 635 | 84.4 | 684 | 90.9 |
| 6.00–9.99 | 753 | 12.7 | 645 | 85.6 | 695 | 92.4 |
| 10.00–17.99 | 1,390 | 23.4 | 1,181 | 85.0 | 1,275 | 91.7 |
| ≥18 | 3,047 | 51.3 | 2,509 | 82.4 | 2,714 | 89.1 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 1,928 | 32.5 | 1,575 | 81.7 | 1,714 | 88.9 |
| 42,000–56,999 | 1,669 | 28.1 | 1,413 | 84.7 | 1,514 | 90.7 |
| 57,000–77,999 | 1,383 | 23.3 | 1,157 | 83.6 | 1,251 | 90.5 |
| ≥78,000 | 953 | 16.1 | 819 | 85.9 | 881 | 92.4 |
| Without health insurance (%) | | | | | | |
| <5 | 487 | 8.2 | 414 | 85.0 | 447 | 91.6 |
| 5.00–8.99 | 827 | 13.9 | 710 | 85.8 | 768 | 92.9 |
| 9.00–14.99 | 1,388 | 23.4 | 1,172 | 84.5 | 1,263 | 91.0 |
| ≥15 | 3,235 | 54.5 | 2,670 | 82.5 | 2,885 | 89.2 |
| Gini index (%) | | | | | | |
| <38 | 1,255 | 21.1 | 1,040 | 82.9 | 1,130 | 90.1 |
| 38.00–41.99 | 1,568 | 26.4 | 1,296 | 82.6 | 1,395 | 89.0 |
| 42.00–45.99 | 1,453 | 24.5 | 1,206 | 83.0 | 1,313 | 90.4 |
| ≥46 | 1,660 | 28.0 | 1,424 | 85.8 | 1,525 | 91.9 |
| Total^b | 6,002 | 100 | 5,014 | 83.5 | 5,414 | 90.2 |

Table 9d. Linkage to HIV medical care after HIV diagnosis during 2018 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)

| | Total | | ≤1 month | | ≤3 months | |
|--|--------------|----------------|--------------------|-------------|--------------------|-------------|
| | No. | % ^a | ≥1 CD4 or VL tests | | ≥1 CD4 or VL tests | |
| | | | No. | % | No. | % |
| White | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 1,000 | 20.3 | 842 | 84.3 | 908 | 90.8 |
| 6.00–10.99 | 1,428 | 29.0 | 1,210 | 84.7 | 1,308 | 91.5 |
| 11.00–17.99 | 1,273 | 25.9 | 1,107 | 87.0 | 1,171 | 92.0 |
| ≥18 | 1,220 | 24.8 | 1,017 | 83.3 | 1,089 | 89.2 |
| Less than high school diploma (%) | | | | | | |
| <6 | 1,509 | 30.7 | 1,289 | 85.4 | 1,373 | 91.0 |
| 6.00–9.99 | 1,092 | 22.2 | 936 | 85.8 | 1,003 | 91.9 |
| 10.00–17.99 | 1,338 | 27.2 | 1,126 | 84.2 | 1,209 | 90.3 |
| ≥18 | 983 | 20.0 | 825 | 84.0 | 892 | 90.7 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 1,074 | 21.8 | 895 | 83.3 | 956 | 89.0 |
| 42,000–56,999 | 1,244 | 25.3 | 1,066 | 85.7 | 1,144 | 92.0 |
| 57,000–77,999 | 1,329 | 27.0 | 1,116 | 84.0 | 1,208 | 91.0 |
| ≥78,000 | 1,275 | 25.9 | 1,098 | 86.2 | 1,167 | 91.6 |
| Without health insurance (%) | | | | | | |
| <5 | 1,049 | 21.3 | 892 | 85.1 | 948 | 90.4 |
| 5.00–8.99 | 1,202 | 24.4 | 1,031 | 85.7 | 1,104 | 91.9 |
| 9.00–14.99 | 1,328 | 27.0 | 1,128 | 84.9 | 1,217 | 91.6 |
| ≥15 | 1,342 | 27.3 | 1,125 | 83.8 | 1,207 | 89.9 |
| Gini index (%) | | | | | | |
| <38 | 1,071 | 21.8 | 903 | 84.4 | 974 | 91.0 |
| 38.00–41.99 | 1,201 | 24.4 | 1,007 | 83.9 | 1,082 | 90.1 |
| 42.00–45.99 | 1,204 | 24.5 | 1,015 | 84.3 | 1,095 | 91.0 |
| ≥46 | 1,444 | 29.4 | 1,249 | 86.5 | 1,323 | 91.6 |
| Total^b | 5,002 | 100 | 4,247 | 84.9 | 4,551 | 91.0 |
| Other^d | | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 195 | 16.9 | 166 | 85.2 | 174 | 89.6 |
| 6.00–10.99 | 293 | 25.5 | 251 | 85.8 | 269 | 91.9 |
| 11.00–17.99 | 327 | 28.5 | 276 | 84.3 | 295 | 90.2 |
| ≥18 | 334 | 29.1 | 284 | 85.1 | 303 | 90.7 |
| Less than high school diploma (%) | | | | | | |
| <6 | 285 | 24.8 | 242 | 84.9 | 254 | 89.0 |
| 6.00–9.99 | 224 | 19.5 | 196 | 87.7 | 208 | 93.0 |
| 10.00–17.99 | 309 | 26.8 | 257 | 83.4 | 281 | 91.1 |
| ≥18 | 332 | 28.9 | 281 | 84.7 | 298 | 89.9 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 240 | 21.0 | 207 | 86.0 | 220 | 91.4 |
| 42,000–56,999 | 285 | 24.9 | 236 | 82.7 | 256 | 89.9 |
| 57,000–77,999 | 305 | 26.6 | 262 | 85.9 | 280 | 92.0 |
| ≥78,000 | 316 | 27.6 | 271 | 85.8 | 283 | 89.5 |
| Without health insurance (%) | | | | | | |
| <5 | 245 | 21.3 | 215 | 87.9 | 225 | 91.9 |
| 5.00–8.99 | 270 | 23.5 | 231 | 85.6 | 245 | 90.6 |
| 9.00–14.99 | 283 | 24.7 | 241 | 85.1 | 259 | 91.2 |
| ≥15 | 350 | 30.5 | 289 | 82.6 | 313 | 89.4 |
| Gini index (%) | | | | | | |
| <38 | 270 | 23.5 | 229 | 85.0 | 240 | 88.8 |
| 38.00–41.99 | 259 | 22.6 | 223 | 86.2 | 241 | 93.1 |
| 42.00–45.99 | 251 | 21.9 | 211 | 83.9 | 228 | 91.0 |
| ≥46 | 367 | 32.0 | 313 | 85.3 | 330 | 90.0 |
| Total^b | 1,169 | 100 | 990 | 84.7 | 1,056 | 90.3 |

Table 9d. Linkage to HIV medical care after HIV diagnosis during 2018 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)

| | Total | | ≤1 month | | ≤3 months | |
|--|---------------|----------------|--------------------|-------------|--------------------|-------------|
| | No. | % ^a | ≥1 CD4 or VL tests | | ≥1 CD4 or VL tests | |
| | | | No. | % | No. | % |
| | Total | | | | | |
| Below federal poverty level (%) | | | | | | |
| <6 | 2,392 | 12.4 | 1,984 | 82.9 | 2,141 | 89.5 |
| 6.00–10.99 | 4,280 | 22.2 | 3,504 | 81.9 | 3,828 | 89.5 |
| 11.00–17.99 | 5,202 | 27.0 | 4,321 | 83.1 | 4,656 | 89.5 |
| ≥18 | 7,407 | 38.4 | 5,915 | 79.9 | 6,472 | 87.4 |
| Less than high school diploma (%) | | | | | | |
| <6 | 3,521 | 18.2 | 2,938 | 83.4 | 3,159 | 89.7 |
| 6.00–9.99 | 3,250 | 16.8 | 2,705 | 83.2 | 2,926 | 90.0 |
| 10.00–17.99 | 5,417 | 28.1 | 4,353 | 80.4 | 4,772 | 88.1 |
| ≥18 | 7,104 | 36.8 | 5,735 | 80.7 | 6,249 | 88.0 |
| Median household income (U.S. \$) | | | | | | |
| <42,000 | 6,672 | 34.6 | 5,283 | 79.2 | 5,805 | 87.0 |
| 42,000–56,999 | 4,952 | 25.7 | 4,086 | 82.5 | 4,423 | 89.3 |
| 57,000–77,999 | 4,278 | 22.2 | 3,520 | 82.3 | 3,820 | 89.3 |
| ≥78,000 | 3,365 | 17.5 | 2,828 | 84.0 | 3,038 | 90.3 |
| Without health insurance (%) | | | | | | |
| <5 | 2,428 | 12.6 | 2,034 | 83.8 | 2,186 | 90.0 |
| 5.00–8.99 | 3,452 | 17.9 | 2,893 | 83.8 | 3,124 | 90.5 |
| 9.00–14.99 | 4,972 | 25.8 | 4,078 | 82.0 | 4,436 | 89.2 |
| ≥15 | 8,432 | 43.7 | 6,721 | 79.7 | 7,353 | 87.2 |
| Gini index (%) | | | | | | |
| <38 | 3,961 | 20.6 | 3,217 | 81.2 | 3,514 | 88.7 |
| 38.00–41.99 | 4,676 | 24.3 | 3,773 | 80.7 | 4,108 | 87.9 |
| 42.00–45.99 | 4,568 | 23.7 | 3,712 | 81.3 | 4,045 | 88.5 |
| ≥46 | 6,068 | 31.5 | 5,018 | 82.7 | 5,424 | 89.4 |
| Total^b | 19,569 | 100 | 15,943 | 81.5 | 17,336 | 88.6 |

Abbreviations: CD4, CD4+ T-lymphocyte count (cells/ μ L) or percentage; VL, viral load (copies/mL); CDC, Centers for Disease Control and Prevention [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. Linkage to HIV medical care was measured by documentation of ≥ 1 CD4 or VL tests ≤ 1 month or ≤ 3 months after HIV diagnosis. Data not provided for states and associated census tracts that do not have laws requiring reporting of all CD4 and viral loads, or that have incomplete reporting of laboratory data to CDC. Areas without laws: Idaho, New Jersey, and Pennsylvania. Areas with incomplete reporting: Arizona, Arkansas, Connecticut, Kansas, Kentucky, Vermont, and Puerto Rico.

Definitions for the SDH indicator variables used in this report can be found at http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2018_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.

Table 10a. HIV viral suppression within 6 months of diagnosis among adults with HIV infection diagnosed during 2018, by race/ethnicity, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia

| | Total diagnoses | VL <200 copies/mL | |
|--|-------------------------------|-------------------|-------------|
| | No. | No. | % |
| | Black/African American | | |
| Male | | | |
| Below federal poverty level (%) | | | |
| <6 | 792 | 528 | 66.7 |
| 6.00–10.99 | 1,533 | 972 | 63.4 |
| 11.00–17.99 | 2,328 | 1,463 | 62.8 |
| ≥18 | 4,436 | 2,676 | 60.3 |
| Less than high school diploma (%) | | | |
| <6 | 1,163 | 771 | 66.3 |
| 6.00–9.99 | 1,410 | 888 | 63.0 |
| 10.00–17.99 | 2,970 | 1,830 | 61.6 |
| ≥18 | 3,551 | 2,153 | 60.6 |
| Median household income (U.S. \$) | | | |
| <42,000 | 4,317 | 2,587 | 59.9 |
| 42,000–56,999 | 2,194 | 1,397 | 63.7 |
| 57,000–77,999 | 1,556 | 963 | 61.9 |
| ≥78,000 | 1,014 | 687 | 67.8 |
| Without health insurance (%) | | | |
| <5 | 827 | 556 | 67.2 |
| 5.00–8.99 | 1,424 | 951 | 66.8 |
| 9.00–14.99 | 2,418 | 1,534 | 63.4 |
| ≥15 | 4,423 | 2,599 | 58.8 |
| Gini index (%) | | | |
| <38 | 1,667 | 1,042 | 62.5 |
| 38.00–41.99 | 2,047 | 1,265 | 61.8 |
| 42.00–45.99 | 2,087 | 1,267 | 60.7 |
| ≥46 | 3,284 | 2,062 | 62.8 |
| Subtotal^a | 9,236 | 5,724 | 62.0 |
| Female | | | |
| Below federal poverty level (%) | | | |
| <6 | 276 | 207 | 75.0 |
| 6.00–10.99 | 507 | 378 | 74.6 |
| 11.00–17.99 | 832 | 594 | 71.4 |
| ≥18 | 1,567 | 993 | 63.4 |
| Less than high school diploma (%) | | | |
| <6 | 306 | 232 | 75.8 |
| 6.00–9.99 | 453 | 326 | 72.0 |
| 10.00–17.99 | 1,064 | 733 | 68.9 |
| ≥18 | 1,359 | 881 | 64.8 |
| Median household income (U.S. \$) | | | |
| <42,000 | 1,570 | 993 | 63.2 |
| 42,000–56,999 | 733 | 504 | 68.8 |
| 57,000–77,999 | 520 | 402 | 77.3 |
| ≥78,000 | 358 | 272 | 76.0 |
| Without health insurance (%) | | | |
| <5 | 303 | 236 | 77.9 |
| 5.00–8.99 | 459 | 343 | 74.7 |
| 9.00–14.99 | 794 | 562 | 70.8 |
| ≥15 | 1,626 | 1,031 | 63.4 |
| Gini index (%) | | | |
| <38 | 556 | 406 | 73.0 |
| 38.00–41.99 | 769 | 545 | 70.9 |
| 42.00–45.99 | 723 | 489 | 67.6 |
| ≥46 | 1,134 | 732 | 64.6 |
| Subtotal^a | 3,243 | 2,206 | 68.0 |
| Total | 12,479 | 7,930 | 63.5 |

Table 10a. HIV viral suppression within 6 months of diagnosis among adults with HIV infection diagnosed during 2018, by race/ethnicity, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

| | Total diagnoses | VL <200 copies/mL | |
|--|-----------------|------------------------------------|-------------|
| | No. | No. | % |
| | | Hispanic/Latino^b | |
| Male | | | |
| Below federal poverty level (%) | | | |
| <6 | 638 | 458 | 71.8 |
| 6.00–10.99 | 1,503 | 1,108 | 73.7 |
| 11.00–17.99 | 1,937 | 1,436 | 74.1 |
| ≥18 | 2,725 | 1,937 | 71.1 |
| Less than high school diploma (%) | | | |
| <6 | 842 | 646 | 76.7 |
| 6.00–9.99 | 860 | 650 | 75.6 |
| 10.00–17.99 | 1,586 | 1,167 | 73.6 |
| ≥18 | 3,523 | 2,481 | 70.4 |
| Median household income (U.S. \$) | | | |
| <42,000 | 2,251 | 1,561 | 69.3 |
| 42,000–56,999 | 1,914 | 1,418 | 74.1 |
| 57,000–77,999 | 1,552 | 1,163 | 74.9 |
| ≥78,000 | 1,083 | 795 | 73.4 |
| Without health insurance (%) | | | |
| <5 | 558 | 424 | 76.0 |
| 5.00–8.99 | 965 | 734 | 76.1 |
| 9.00–14.99 | 1,592 | 1,178 | 74.0 |
| ≥15 | 3,689 | 2,603 | 70.6 |
| Gini index (%) | | | |
| <38 | 1,425 | 1,019 | 71.5 |
| 38.00–41.99 | 1,806 | 1,295 | 71.7 |
| 42.00–45.99 | 1,666 | 1,219 | 73.2 |
| ≥46 | 1,905 | 1,406 | 73.8 |
| Subtotal^a | 6,879 | 4,988 | 72.5 |
| Female | | | |
| Below federal poverty level (%) | | | |
| <6 | 76 | 55 | 72.4 |
| 6.00–10.99 | 158 | 120 | 75.9 |
| 11.00–17.99 | 246 | 183 | 74.4 |
| ≥18 | 440 | 298 | 67.7 |
| Less than high school diploma (%) | | | |
| <6 | 78 | 55 | 70.5 |
| 6.00–9.99 | 96 | 75 | 78.1 |
| 10.00–17.99 | 197 | 153 | 77.7 |
| ≥18 | 549 | 373 | 67.9 |
| Median household income (U.S. \$) | | | |
| <42,000 | 390 | 257 | 65.9 |
| 42,000–56,999 | 258 | 200 | 77.5 |
| 57,000–77,999 | 159 | 120 | 75.5 |
| ≥78,000 | 113 | 79 | 69.9 |
| Without health insurance (%) | | | |
| <5 | 69 | 50 | 72.5 |
| 5.00–8.99 | 117 | 87 | 74.4 |
| 9.00–14.99 | 218 | 168 | 77.1 |
| ≥15 | 516 | 351 | 68.0 |
| Gini index (%) | | | |
| <38 | 168 | 118 | 70.2 |
| 38.00–41.99 | 246 | 178 | 72.4 |
| 42.00–45.99 | 206 | 145 | 70.4 |
| ≥46 | 300 | 215 | 71.7 |
| Subtotal^a | 932 | 666 | 71.5 |
| Total | 7,811 | 5,654 | 72.4 |

Table 10a. HIV viral suppression within 6 months of diagnosis among adults with HIV infection diagnosed during 2018, by race/ethnicity, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

| | Total diagnoses | VL <200 copies/mL | |
|--|-----------------|-------------------|-------------|
| | No. | No. | % |
| | | White | |
| Male | | | |
| Below federal poverty level (%) | | | |
| <6 | 1,200 | 871 | 72.6 |
| 6.00–10.99 | 1,712 | 1,259 | 73.5 |
| 11.00–17.99 | 1,569 | 1,113 | 70.9 |
| ≥18 | 1,559 | 1,047 | 67.2 |
| Less than high school diploma (%) | | | |
| <6 | 1,771 | 1,310 | 74.0 |
| 6.00–9.99 | 1,329 | 965 | 72.6 |
| 10.00–17.99 | 1,681 | 1,156 | 68.8 |
| ≥18 | 1,260 | 860 | 68.3 |
| Median household income (U.S. \$) | | | |
| <42,000 | 1,383 | 922 | 66.7 |
| 42,000–56,999 | 1,556 | 1,105 | 71.0 |
| 57,000–77,999 | 1,605 | 1,151 | 71.7 |
| ≥78,000 | 1,495 | 1,111 | 74.3 |
| Without health insurance (%) | | | |
| <5 | 1,243 | 924 | 74.3 |
| 5.00–8.99 | 1,484 | 1,068 | 72.0 |
| 9.00–14.99 | 1,619 | 1,154 | 71.3 |
| ≥15 | 1,694 | 1,144 | 67.5 |
| Gini index (%) | | | |
| <38 | 1,309 | 924 | 70.6 |
| 38.00–41.99 | 1,481 | 1,051 | 71.0 |
| 42.00–45.99 | 1,455 | 1,043 | 71.7 |
| ≥46 | 1,794 | 1,271 | 70.8 |
| Subtotal^a | 6,136 | 4,353 | 70.9 |
| Female | | | |
| Below federal poverty level (%) | | | |
| <6 | 148 | 104 | 70.3 |
| 6.00–10.99 | 246 | 159 | 64.6 |
| 11.00–17.99 | 278 | 169 | 60.8 |
| ≥18 | 359 | 197 | 54.9 |
| Less than high school diploma (%) | | | |
| <6 | 173 | 115 | 66.5 |
| 6.00–9.99 | 205 | 141 | 68.8 |
| 10.00–17.99 | 329 | 191 | 58.1 |
| ≥18 | 325 | 182 | 56.0 |
| Median household income (U.S. \$) | | | |
| <42,000 | 331 | 188 | 56.8 |
| 42,000–56,999 | 305 | 186 | 61.0 |
| 57,000–77,999 | 225 | 139 | 61.8 |
| ≥78,000 | 170 | 116 | 68.2 |
| Without health insurance (%) | | | |
| <5 | 171 | 119 | 69.6 |
| 5.00–8.99 | 207 | 125 | 60.4 |
| 9.00–14.99 | 275 | 162 | 58.9 |
| ≥15 | 378 | 223 | 59.0 |
| Gini index (%) | | | |
| <38 | 220 | 146 | 66.4 |
| 38.00–41.99 | 273 | 166 | 60.8 |
| 42.00–45.99 | 247 | 141 | 57.1 |
| ≥46 | 291 | 176 | 60.5 |
| Subtotal^a | 1,058 | 646 | 61.1 |
| Total | 7,194 | 4,999 | 69.5 |

Table 10a. HIV viral suppression within 6 months of diagnosis among adults with HIV infection diagnosed during 2018, by race/ethnicity, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

| | Total diagnoses | VL <200 copies/mL | |
|--|-----------------|--------------------|-------------|
| | No. | No. | % |
| | | Other ^c | |
| Male | | | |
| Below federal poverty level (%) | | | |
| <6 | 220 | 167 | 75.9 |
| 6.00–10.99 | 341 | 256 | 75.1 |
| 11.00–17.99 | 374 | 272 | 72.7 |
| ≥18 | 401 | 277 | 69.1 |
| Less than high school diploma (%) | | | |
| <6 | 314 | 235 | 74.8 |
| 6.00–9.99 | 255 | 187 | 73.3 |
| 10.00–17.99 | 371 | 273 | 73.6 |
| ≥18 | 397 | 277 | 69.8 |
| Median household income (U.S. \$) | | | |
| <42,000 | 292 | 201 | 68.8 |
| 42,000–56,999 | 335 | 249 | 74.3 |
| 57,000–77,999 | 352 | 252 | 71.6 |
| ≥78,000 | 354 | 268 | 75.7 |
| Without health insurance (%) | | | |
| <5 | 274 | 212 | 77.4 |
| 5.00–8.99 | 312 | 235 | 75.3 |
| 9.00–14.99 | 330 | 235 | 71.2 |
| ≥15 | 420 | 290 | 69.0 |
| Gini index (%) | | | |
| <38 | 308 | 230 | 74.7 |
| 38.00–41.99 | 307 | 221 | 72.0 |
| 42.00–45.99 | 304 | 224 | 73.7 |
| ≥46 | 414 | 295 | 71.3 |
| Subtotal^a | 1,362 | 986 | 72.4 |
| Female | | | |
| Below federal poverty level (%) | | | |
| <6 | 31 | 25 | 80.6 |
| 6.00–10.99 | 57 | 40 | 70.2 |
| 11.00–17.99 | 62 | 44 | 71.0 |
| ≥18 | 99 | 68 | 68.7 |
| Less than high school diploma (%) | | | |
| <6 | 41 | 29 | 70.7 |
| 6.00–9.99 | 37 | 29 | 78.4 |
| 10.00–17.99 | 73 | 51 | 69.9 |
| ≥18 | 98 | 68 | 69.4 |
| Median household income (U.S. \$) | | | |
| <42,000 | 93 | 61 | 65.6 |
| 42,000–56,999 | 55 | 35 | 63.6 |
| 57,000–77,999 | 50 | 42 | 84.0 |
| ≥78,000 | 51 | 39 | 76.5 |
| Without health insurance (%) | | | |
| <5 | 40 | 28 | 70.0 |
| 5.00–8.99 | 53 | 45 | 84.9 |
| 9.00–14.99 | 49 | 33 | 67.3 |
| ≥15 | 107 | 71 | 66.4 |
| Gini index (%) | | | |
| <38 | 47 | 36 | 76.6 |
| 38.00–41.99 | 60 | 42 | 70.0 |
| 42.00–45.99 | 52 | 36 | 69.2 |
| ≥46 | 90 | 63 | 70.0 |
| Subtotal^a | 254 | 180 | 70.9 |
| Total | 1,616 | 1,166 | 72.2 |

Table 10a. HIV viral suppression within 6 months of diagnosis among adults with HIV infection diagnosed during 2018, by race/ethnicity, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

| | Total diagnoses | VL <200 copies/mL | |
|--|-----------------|-------------------|-------------|
| | No. | No. | % |
| | Total | | |
| Male | | | |
| Below federal poverty level (%) | | | |
| <6 | 2,850 | 2,024 | 71.0 |
| 6.00–10.99 | 5,089 | 3,595 | 70.6 |
| 11.00–17.99 | 6,208 | 4,284 | 69.0 |
| ≥18 | 9,121 | 5,937 | 65.1 |
| Less than high school diploma (%) | | | |
| <6 | 4,090 | 2,962 | 72.4 |
| 6.00–9.99 | 3,854 | 2,690 | 69.8 |
| 10.00–17.99 | 6,608 | 4,426 | 67.0 |
| ≥18 | 8,731 | 5,771 | 66.1 |
| Median household income (U.S. \$) | | | |
| <42,000 | 8,243 | 5,271 | 63.9 |
| 42,000–56,999 | 5,999 | 4,169 | 69.5 |
| 57,000–77,999 | 5,065 | 3,529 | 69.7 |
| ≥78,000 | 3,946 | 2,861 | 72.5 |
| Without health insurance (%) | | | |
| <5 | 2,902 | 2,116 | 72.9 |
| 5.00–8.99 | 4,185 | 2,988 | 71.4 |
| 9.00–14.99 | 5,959 | 4,101 | 68.8 |
| ≥15 | 10,226 | 6,636 | 64.9 |
| Gini index (%) | | | |
| <38 | 4,709 | 3,215 | 68.3 |
| 38.00–41.99 | 5,641 | 3,832 | 67.9 |
| 42.00–45.99 | 5,512 | 3,753 | 68.1 |
| ≥46 | 7,397 | 5,034 | 68.1 |
| Subtotal^a | 23,613 | 16,051 | 68.0 |
| Female | | | |
| Below federal poverty level (%) | | | |
| <6 | 531 | 391 | 73.6 |
| 6.00–10.99 | 968 | 697 | 72.0 |
| 11.00–17.99 | 1,418 | 990 | 69.8 |
| ≥18 | 2,465 | 1,556 | 63.1 |
| Less than high school diploma (%) | | | |
| <6 | 598 | 431 | 72.1 |
| 6.00–9.99 | 791 | 571 | 72.2 |
| 10.00–17.99 | 1,663 | 1,128 | 67.8 |
| ≥18 | 2,331 | 1,504 | 64.5 |
| Median household income (U.S. \$) | | | |
| <42,000 | 2,384 | 1,499 | 62.9 |
| 42,000–56,999 | 1,351 | 925 | 68.5 |
| 57,000–77,999 | 954 | 703 | 73.7 |
| ≥78,000 | 692 | 506 | 73.1 |
| Without health insurance (%) | | | |
| <5 | 583 | 433 | 74.3 |
| 5.00–8.99 | 836 | 600 | 71.8 |
| 9.00–14.99 | 1,336 | 925 | 69.2 |
| ≥15 | 2,627 | 1,676 | 63.8 |
| Gini index (%) | | | |
| <38 | 991 | 706 | 71.2 |
| 38.00–41.99 | 1,348 | 931 | 69.1 |
| 42.00–45.99 | 1,228 | 811 | 66.0 |
| ≥46 | 1,815 | 1,186 | 65.3 |
| Subtotal^a | 5,487 | 3,698 | 67.4 |
| Total | 29,100 | 19,749 | 67.9 |

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

Note. Data reflect the census tract of the person's residential address at the time of diagnosis of HIV infection. Viral suppression was measured by documentation of a VL test result of <200 copies/ml at any time within 6 months of diagnosis of HIV infection during 2018. Data not provided for states and associated census tracts that do not have laws requiring reporting of all CD4 and viral loads, or that have incomplete reporting of laboratory data to CDC. Areas without laws: Idaho, New Jersey, and Pennsylvania. Areas with incomplete reporting: Arizona, Arkansas, Connecticut, Kansas, Kentucky, Vermont, and Puerto Rico.

Definitions for the SDH indicator variables used in this report can be found at http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2018_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, and multiple races.

Table 10b. HIV viral suppression within 6 months of diagnosis among adults with HIV infection diagnosed during 2018, by age at diagnosis, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia

| | Total diagnoses | VL <200 copies/mL | |
|--|-----------------|-------------------|-------------|
| | No. | No. | % |
| | 18–24 | | |
| Male | | | |
| Below federal poverty level (%) | | | |
| <6 | 581 | 394 | 67.8 |
| 6.00–10.99 | 1,037 | 694 | 66.9 |
| 11.00–17.99 | 1,310 | 863 | 65.9 |
| ≥18 | 2,193 | 1,383 | 63.1 |
| Less than high school diploma (%) | | | |
| <6 | 830 | 573 | 69.0 |
| 6.00–9.99 | 843 | 552 | 65.5 |
| 10.00–17.99 | 1,488 | 949 | 63.8 |
| ≥18 | 1,962 | 1,261 | 64.3 |
| Median household income (U.S. \$) | | | |
| <42,000 | 2,051 | 1,274 | 62.1 |
| 42,000–56,999 | 1,285 | 857 | 66.7 |
| 57,000–77,999 | 1,024 | 677 | 66.1 |
| ≥78,000 | 758 | 523 | 69.0 |
| Without health insurance (%) | | | |
| <5 | 562 | 399 | 71.0 |
| 5.00–8.99 | 906 | 615 | 67.9 |
| 9.00–14.99 | 1,296 | 862 | 66.5 |
| ≥15 | 2,359 | 1,459 | 61.8 |
| Gini index (%) | | | |
| <38 | 1,076 | 691 | 64.2 |
| 38.00–41.99 | 1,273 | 840 | 66.0 |
| 42.00–45.99 | 1,163 | 759 | 65.3 |
| ≥46 | 1,608 | 1,043 | 64.9 |
| Subtotal^a | 5,208 | 3,383 | 65.0 |
| Female | | | |
| Below federal poverty level (%) | | | |
| <6 | 55 | 42 | 76.4 |
| 6.00–10.99 | 124 | 88 | 71.0 |
| 11.00–17.99 | 181 | 123 | 68.0 |
| ≥18 | 333 | 211 | 63.4 |
| Less than high school diploma (%) | | | |
| <6 | 65 | 45 | 69.2 |
| 6.00–9.99 | 98 | 73 | 74.5 |
| 10.00–17.99 | 226 | 154 | 68.1 |
| ≥18 | 304 | 192 | 63.2 |
| Median household income (U.S. \$) | | | |
| <42,000 | 317 | 200 | 63.1 |
| 42,000–56,999 | 186 | 128 | 68.8 |
| 57,000–77,999 | 118 | 87 | 73.7 |
| ≥78,000 | 72 | 49 | 68.1 |
| Without health insurance (%) | | | |
| <5 | 59 | 46 | 78.0 |
| 5.00–8.99 | 100 | 70 | 70.0 |
| 9.00–14.99 | 176 | 119 | 67.6 |
| ≥15 | 358 | 229 | 64.0 |
| Gini index (%) | | | |
| <38 | 122 | 83 | 68.0 |
| 38.00–41.99 | 177 | 123 | 69.5 |
| 42.00–45.99 | 158 | 107 | 67.7 |
| ≥46 | 236 | 151 | 64.0 |
| Subtotal^a | 704 | 468 | 66.5 |
| Total | 5,912 | 3,851 | 65.1 |

Table 10b. HIV viral suppression within 6 months of diagnosis among adults with HIV infection diagnosed during 2018, by age at diagnosis, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

| | Total diagnoses | VL <200 copies/mL | |
|--|-----------------|-------------------|-------------|
| | No. | No. | % |
| | | 25–34 | |
| Male | | | |
| Below federal poverty level (%) | | | |
| <6 | 1,050 | 753 | 71.7 |
| 6.00–10.99 | 1,903 | 1,314 | 69.0 |
| 11.00–17.99 | 2,482 | 1,737 | 70.0 |
| ≥18 | 3,551 | 2,339 | 65.9 |
| Less than high school diploma (%) | | | |
| <6 | 1,551 | 1,112 | 71.7 |
| 6.00–9.99 | 1,495 | 1,042 | 69.7 |
| 10.00–17.99 | 2,557 | 1,716 | 67.1 |
| ≥18 | 3,388 | 2,275 | 67.1 |
| Median household income (U.S. \$) | | | |
| <42,000 | 3,220 | 2,070 | 64.3 |
| 42,000–56,999 | 2,326 | 1,642 | 70.6 |
| 57,000–77,999 | 1,989 | 1,384 | 69.6 |
| ≥78,000 | 1,443 | 1,042 | 72.2 |
| Without health insurance (%) | | | |
| <5 | 1,032 | 748 | 72.5 |
| 5.00–8.99 | 1,582 | 1,136 | 71.8 |
| 9.00–14.99 | 2,374 | 1,620 | 68.2 |
| ≥15 | 4,000 | 2,639 | 66.0 |
| Gini index (%) | | | |
| <38 | 1,857 | 1,265 | 68.1 |
| 38.00–41.99 | 2,176 | 1,482 | 68.1 |
| 42.00–45.99 | 2,100 | 1,436 | 68.4 |
| ≥46 | 2,848 | 1,956 | 68.7 |
| Subtotal^a | 9,102 | 6,212 | 68.2 |
| Female | | | |
| Below federal poverty level (%) | | | |
| <6 | 139 | 102 | 73.4 |
| 6.00–10.99 | 251 | 179 | 71.3 |
| 11.00–17.99 | 360 | 245 | 68.1 |
| ≥18 | 707 | 440 | 62.2 |
| Less than high school diploma (%) | | | |
| <6 | 164 | 111 | 67.7 |
| 6.00–9.99 | 222 | 169 | 76.1 |
| 10.00–17.99 | 435 | 292 | 67.1 |
| ≥18 | 637 | 394 | 61.9 |
| Median household income (U.S. \$) | | | |
| <42,000 | 692 | 431 | 62.3 |
| 42,000–56,999 | 357 | 240 | 67.2 |
| 57,000–77,999 | 236 | 173 | 73.3 |
| ≥78,000 | 172 | 122 | 70.9 |
| Without health insurance (%) | | | |
| <5 | 144 | 104 | 72.2 |
| 5.00–8.99 | 216 | 156 | 72.2 |
| 9.00–14.99 | 359 | 249 | 69.4 |
| ≥15 | 738 | 457 | 61.9 |
| Gini index (%) | | | |
| <38 | 252 | 174 | 69.0 |
| 38.00–41.99 | 370 | 245 | 66.2 |
| 42.00–45.99 | 343 | 227 | 66.2 |
| ≥46 | 492 | 320 | 65.0 |
| Subtotal^a | 1,493 | 986 | 66.0 |
| Total | 10,595 | 7,198 | 67.9 |

Table 10b. HIV viral suppression within 6 months of diagnosis among adults with HIV infection diagnosed during 2018, by age at diagnosis, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

| | Total diagnoses | VL <200 copies/mL | |
|--|-----------------|-------------------|-------------|
| | No. | No. | % |
| | | 35–44 | |
| Male | | | |
| Below federal poverty level (%) | | | |
| <6 | 501 | 359 | 71.7 |
| 6.00–10.99 | 966 | 725 | 75.1 |
| 11.00–17.99 | 1,173 | 833 | 71.0 |
| ≥18 | 1,588 | 1,082 | 68.1 |
| Less than high school diploma (%) | | | |
| <6 | 763 | 571 | 74.8 |
| 6.00–9.99 | 680 | 495 | 72.8 |
| 10.00–17.99 | 1,203 | 849 | 70.6 |
| ≥18 | 1,586 | 1,086 | 68.5 |
| Median household income (U.S. \$) | | | |
| <42,000 | 1,346 | 907 | 67.4 |
| 42,000–56,999 | 1,133 | 794 | 70.1 |
| 57,000–77,999 | 986 | 727 | 73.7 |
| ≥78,000 | 761 | 570 | 74.9 |
| Without health insurance (%) | | | |
| <5 | 563 | 424 | 75.3 |
| 5.00–8.99 | 755 | 548 | 72.6 |
| 9.00–14.99 | 1,057 | 766 | 72.5 |
| ≥15 | 1,853 | 1,261 | 68.1 |
| Gini index (%) | | | |
| <38 | 851 | 613 | 72.0 |
| 38.00–41.99 | 1,005 | 696 | 69.3 |
| 42.00–45.99 | 1,019 | 724 | 71.1 |
| ≥46 | 1,352 | 966 | 71.4 |
| Subtotal^a | 4,290 | 3,037 | 70.8 |
| Female | | | |
| Below federal poverty level (%) | | | |
| <6 | 137 | 101 | 73.7 |
| 6.00–10.99 | 228 | 170 | 74.6 |
| 11.00–17.99 | 367 | 263 | 71.7 |
| ≥18 | 579 | 367 | 63.4 |
| Less than high school diploma (%) | | | |
| <6 | 142 | 98 | 69.0 |
| 6.00–9.99 | 181 | 133 | 73.5 |
| 10.00–17.99 | 411 | 288 | 70.1 |
| ≥18 | 577 | 382 | 66.2 |
| Median household income (U.S. \$) | | | |
| <42,000 | 581 | 370 | 63.7 |
| 42,000–56,999 | 322 | 231 | 71.7 |
| 57,000–77,999 | 251 | 192 | 76.5 |
| ≥78,000 | 156 | 107 | 68.6 |
| Without health insurance (%) | | | |
| <5 | 144 | 108 | 75.0 |
| 5.00–8.99 | 213 | 154 | 72.3 |
| 9.00–14.99 | 326 | 227 | 69.6 |
| ≥15 | 628 | 412 | 65.6 |
| Gini index (%) | | | |
| <38 | 264 | 187 | 70.8 |
| 38.00–41.99 | 312 | 229 | 73.4 |
| 42.00–45.99 | 286 | 186 | 65.0 |
| ≥46 | 449 | 299 | 66.6 |
| Subtotal^a | 1,331 | 913 | 68.6 |
| Total | 5,621 | 3,950 | 70.3 |

Table 10b. HIV viral suppression within 6 months of diagnosis among adults with HIV infection diagnosed during 2018, by age at diagnosis, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

| | Total diagnoses | VL <200 copies/mL | |
|--|-----------------|-------------------|-------------|
| | No. | No. | % |
| | | 45–54 | |
| Male | | | |
| Below federal poverty level (%) | | | |
| <6 | 410 | 297 | 72.4 |
| 6.00–10.99 | 701 | 520 | 74.2 |
| 11.00–17.99 | 738 | 499 | 67.6 |
| ≥18 | 1,101 | 712 | 64.7 |
| Less than high school diploma (%) | | | |
| <6 | 545 | 406 | 74.5 |
| 6.00–9.99 | 478 | 340 | 71.1 |
| 10.00–17.99 | 809 | 554 | 68.5 |
| ≥18 | 1,121 | 731 | 65.2 |
| Median household income (U.S. \$) | | | |
| <42,000 | 1,012 | 643 | 63.5 |
| 42,000–56,999 | 718 | 507 | 70.6 |
| 57,000–77,999 | 635 | 449 | 70.7 |
| ≥78,000 | 584 | 428 | 73.3 |
| Without health insurance (%) | | | |
| <5 | 423 | 316 | 74.7 |
| 5.00–8.99 | 544 | 390 | 71.7 |
| 9.00–14.99 | 743 | 515 | 69.3 |
| ≥15 | 1,240 | 807 | 65.1 |
| Gini index (%) | | | |
| <38 | 549 | 385 | 70.1 |
| 38.00–41.99 | 730 | 514 | 70.4 |
| 42.00–45.99 | 729 | 495 | 67.9 |
| ≥46 | 941 | 633 | 67.3 |
| Subtotal^a | 3,002 | 2,062 | 68.7 |
| Female | | | |
| Below federal poverty level (%) | | | |
| <6 | 105 | 76 | 72.4 |
| 6.00–10.99 | 191 | 142 | 74.3 |
| 11.00–17.99 | 293 | 199 | 67.9 |
| ≥18 | 469 | 308 | 65.7 |
| Less than high school diploma (%) | | | |
| <6 | 112 | 88 | 78.6 |
| 6.00–9.99 | 158 | 115 | 72.8 |
| 10.00–17.99 | 345 | 223 | 64.6 |
| ≥18 | 443 | 299 | 67.5 |
| Median household income (U.S. \$) | | | |
| <42,000 | 458 | 298 | 65.1 |
| 42,000–56,999 | 253 | 162 | 64.0 |
| 57,000–77,999 | 192 | 143 | 74.5 |
| ≥78,000 | 155 | 122 | 78.7 |
| Without health insurance (%) | | | |
| <5 | 122 | 88 | 72.1 |
| 5.00–8.99 | 169 | 126 | 74.6 |
| 9.00–14.99 | 263 | 184 | 70.0 |
| ≥15 | 504 | 327 | 64.9 |
| Gini index (%) | | | |
| <38 | 212 | 162 | 76.4 |
| 38.00–41.99 | 280 | 190 | 67.9 |
| 42.00–45.99 | 229 | 154 | 67.2 |
| ≥46 | 337 | 219 | 65.0 |
| Subtotal^a | 1,081 | 741 | 68.5 |
| Total | 4,083 | 2,803 | 68.7 |

Table 10b. HIV viral suppression within 6 months of diagnosis among adults with HIV infection diagnosed during 2018, by age at diagnosis, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

| | Total diagnoses | VL <200 copies/mL | |
|--|-----------------|-------------------|-------------|
| | No. | No. | % |
| | | ≥ 55 | |
| Male | | | |
| Below federal poverty level (%) | | | |
| <6 | 308 | 221 | 71.8 |
| 6.00–10.99 | 482 | 342 | 71.0 |
| 11.00–17.99 | 505 | 352 | 69.7 |
| ≥18 | 688 | 421 | 61.2 |
| Less than high school diploma (%) | | | |
| <6 | 401 | 300 | 74.8 |
| 6.00–9.99 | 358 | 261 | 72.9 |
| 10.00–17.99 | 551 | 358 | 65.0 |
| ≥18 | 674 | 418 | 62.0 |
| Median household income (U.S. \$) | | | |
| <42,000 | 614 | 377 | 61.4 |
| 42,000–56,999 | 537 | 369 | 68.7 |
| 57,000–77,999 | 431 | 292 | 67.7 |
| ≥78,000 | 400 | 298 | 74.5 |
| Without health insurance (%) | | | |
| <5 | 322 | 229 | 71.1 |
| 5.00–8.99 | 398 | 299 | 75.1 |
| 9.00–14.99 | 489 | 338 | 69.1 |
| ≥15 | 774 | 470 | 60.7 |
| Gini index (%) | | | |
| <38 | 376 | 261 | 69.4 |
| 38.00–41.99 | 457 | 300 | 65.6 |
| 42.00–45.99 | 501 | 339 | 67.7 |
| ≥46 | 648 | 436 | 67.3 |
| Subtotal^a | 2,011 | 1,357 | 67.5 |
| Female | | | |
| Below federal poverty level (%) | | | |
| <6 | 95 | 70 | 73.7 |
| 6.00–10.99 | 174 | 118 | 67.8 |
| 11.00–17.99 | 217 | 160 | 73.7 |
| ≥18 | 377 | 230 | 61.0 |
| Less than high school diploma (%) | | | |
| <6 | 115 | 89 | 77.4 |
| 6.00–9.99 | 132 | 81 | 61.4 |
| 10.00–17.99 | 246 | 171 | 69.5 |
| ≥18 | 370 | 237 | 64.1 |
| Median household income (U.S. \$) | | | |
| <42,000 | 336 | 200 | 59.5 |
| 42,000–56,999 | 233 | 164 | 70.4 |
| 57,000–77,999 | 157 | 108 | 68.8 |
| ≥78,000 | 137 | 106 | 77.4 |
| Without health insurance (%) | | | |
| <5 | 114 | 87 | 76.3 |
| 5.00–8.99 | 138 | 94 | 68.1 |
| 9.00–14.99 | 212 | 146 | 68.9 |
| ≥15 | 399 | 251 | 62.9 |
| Gini index (%) | | | |
| <38 | 141 | 100 | 70.9 |
| 38.00–41.99 | 209 | 144 | 68.9 |
| 42.00–45.99 | 212 | 137 | 64.6 |
| ≥46 | 301 | 197 | 65.4 |
| Subtotal^a | 878 | 590 | 67.2 |
| Total | 2,889 | 1,947 | 67.4 |

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

Note. Data reflect the census tract of the person's residential address at the time of diagnosis of HIV infection. Viral suppression was measured by documentation of a VL test result of <200 copies/ml at any time within 6 months of diagnosis of HIV infection during 2018. Data not provided for states and associated census tracts that do not have laws requiring reporting of all CD4 and viral loads, or that have incomplete reporting of laboratory data to CDC. Areas without laws: Idaho, New Jersey, and Pennsylvania. Areas with incomplete reporting: Arizona, Arkansas, Connecticut, Kansas, Kentucky, Vermont, and Puerto Rico. Definitions for the SDH indicator variables used in this report can be found at http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2018_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.

Table 10c. HIV viral suppression within 6 months of diagnosis among adults with HIV infection diagnosed during 2018, by transmission category, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia

| | Total diagnoses | VL <200 copies/mL | |
|--|-----------------|------------------------------------|-------------|
| | No. | No. | % |
| | | Male-to-male sexual contact | |
| Male | | | |
| Below federal poverty level (%) | | | |
| <6 | 2,392 | 1,720 | 71.9 |
| 6.00–10.99 | 4,280 | 3,051 | 71.3 |
| 11.00–17.99 | 5,202 | 3,659 | 70.3 |
| ≥18 | 7,407 | 4,937 | 66.7 |
| Less than high school diploma (%) | | | |
| <6 | 3,521 | 2,588 | 73.5 |
| 6.00–9.99 | 3,250 | 2,296 | 70.6 |
| 10.00–17.99 | 5,417 | 3,700 | 68.3 |
| ≥18 | 7,104 | 4,789 | 67.4 |
| Median household income (U.S. \$) | | | |
| <42,000 | 6,672 | 4,363 | 65.4 |
| 42,000–56,999 | 4,952 | 3,500 | 70.7 |
| 57,000–77,999 | 4,278 | 3,030 | 70.8 |
| ≥78,000 | 3,365 | 2,464 | 73.2 |
| Without health insurance (%) | | | |
| <5 | 2,428 | 1,787 | 73.6 |
| 5.00–8.99 | 3,452 | 2,514 | 72.8 |
| 9.00–14.99 | 4,972 | 3,473 | 69.9 |
| ≥15 | 8,432 | 5,594 | 66.3 |
| Gini index (%) | | | |
| <38 | 3,961 | 2,726 | 68.8 |
| 38.00–41.99 | 4,676 | 3,233 | 69.1 |
| 42.00–45.99 | 4,568 | 3,183 | 69.7 |
| ≥46 | 6,068 | 4,219 | 69.5 |
| Subtotal^a | 19,569 | 13,546 | 69.2 |
| Female | | | |
| Below federal poverty level (%) | | | |
| <6 | — | — | — |
| 6.00–10.99 | — | — | — |
| 11.00–17.99 | — | — | — |
| ≥18 | — | — | — |
| Less than high school diploma (%) | | | |
| <6 | — | — | — |
| 6.00–9.99 | — | — | — |
| 10.00–17.99 | — | — | — |
| ≥18 | — | — | — |
| Median household income (U.S. \$) | | | |
| <42,000 | — | — | — |
| 42,000–56,999 | — | — | — |
| 57,000–77,999 | — | — | — |
| ≥78,000 | — | — | — |
| Without health insurance (%) | | | |
| <5 | — | — | — |
| 5.00–8.99 | — | — | — |
| 9.00–14.99 | — | — | — |
| ≥15 | — | — | — |
| Gini index (%) | | | |
| <38 | — | — | — |
| 38.00–41.99 | — | — | — |
| 42.00–45.99 | — | — | — |
| ≥46 | — | — | — |
| Subtotal^a | — | — | — |
| Total | 19,569 | 13,546 | 69.2 |

Table 10c. HIV viral suppression within 6 months of diagnosis among adults with HIV infection diagnosed during 2018, by transmission category, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

| | Total diagnoses | VL <200 copies/mL | |
|--|-----------------|--------------------|-------------|
| | No. | No. | % |
| | | Injection drug use | |
| Male | | | |
| Below federal poverty level (%) | | | |
| <6 | 83 | 54 | 65.4 |
| 6.00–10.99 | 158 | 92 | 58.6 |
| 11.00–17.99 | 217 | 106 | 49.1 |
| ≥18 | 361 | 182 | 50.5 |
| Less than high school diploma (%) | | | |
| <6 | 108 | 64 | 59.0 |
| 6.00–9.99 | 118 | 66 | 55.9 |
| 10.00–17.99 | 228 | 116 | 50.8 |
| ≥18 | 363 | 189 | 52.1 |
| Median household income (U.S. \$) | | | |
| <42,000 | 338 | 170 | 50.2 |
| 42,000–56,999 | 202 | 110 | 54.5 |
| 57,000–77,999 | 156 | 81 | 52.2 |
| ≥78,000 | 121 | 74 | 61.1 |
| Without health insurance (%) | | | |
| <5 | 104 | 65 | 62.5 |
| 5.00–8.99 | 183 | 100 | 55.0 |
| 9.00–14.99 | 211 | 112 | 53.3 |
| ≥15 | 321 | 157 | 49.0 |
| Gini index (%) | | | |
| <38 | 147 | 84 | 57.0 |
| 38.00–41.99 | 205 | 109 | 53.2 |
| 42.00–45.99 | 199 | 101 | 50.6 |
| ≥46 | 265 | 141 | 53.3 |
| Subtotal^a | 836 | 445 | 53.3 |
| Female | | | |
| Below federal poverty level (%) | | | |
| <6 | 66 | 40 | 60.8 |
| 6.00–10.99 | 144 | 94 | 65.1 |
| 11.00–17.99 | 159 | 90 | 56.5 |
| ≥18 | 330 | 168 | 50.9 |
| Less than high school diploma (%) | | | |
| <6 | 84 | 54 | 64.0 |
| 6.00–9.99 | 107 | 69 | 64.5 |
| 10.00–17.99 | 218 | 112 | 51.2 |
| ≥18 | 291 | 157 | 54.1 |
| Median household income (U.S. \$) | | | |
| <42,000 | 301 | 153 | 50.7 |
| 42,000–56,999 | 187 | 108 | 57.8 |
| 57,000–77,999 | 125 | 77 | 61.4 |
| ≥78,000 | 86 | 54 | 62.6 |
| Without health insurance (%) | | | |
| <5 | 105 | 68 | 64.6 |
| 5.00–8.99 | 124 | 69 | 55.2 |
| 9.00–14.99 | 190 | 110 | 57.7 |
| ≥15 | 279 | 145 | 52.0 |
| Gini index (%) | | | |
| <38 | 121 | 75 | 62.1 |
| 38.00–41.99 | 159 | 92 | 57.9 |
| 42.00–45.99 | 166 | 83 | 50.3 |
| ≥46 | 253 | 141 | 55.7 |
| Subtotal^a | 716 | 398 | 55.6 |
| Total | 1,552 | 843 | 54.4 |

Table 10c. HIV viral suppression within 6 months of diagnosis among adults with HIV infection diagnosed during 2018, by transmission category, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

| | Total diagnoses | | VL <200 copies/mL | |
|---|-----------------|--|-------------------|-------------|
| | No. | | No. | % |
| Male-to-male sexual contact and injection drug use | | | | |
| Male | | | | |
| Below federal poverty level (%) | | | | |
| <6 | 124 | | 83 | 67.0 |
| 6.00–10.99 | 224 | | 152 | 67.9 |
| 11.00–17.99 | 258 | | 170 | 65.8 |
| ≥18 | 366 | | 233 | 63.7 |
| Less than high school diploma (%) | | | | |
| <6 | 202 | | 135 | 66.7 |
| 6.00–9.99 | 164 | | 114 | 69.5 |
| 10.00–17.99 | 285 | | 174 | 61.1 |
| ≥18 | 320 | | 215 | 67.1 |
| Median household income (U.S. \$) | | | | |
| <42,000 | 313 | | 198 | 63.3 |
| 42,000–56,999 | 272 | | 172 | 63.2 |
| 57,000–77,999 | 202 | | 138 | 68.0 |
| ≥78,000 | 183 | | 130 | 70.6 |
| Without health insurance (%) | | | | |
| <5 | 158 | | 116 | 73.3 |
| 5.00–8.99 | 221 | | 153 | 69.5 |
| 9.00–14.99 | 247 | | 159 | 64.4 |
| ≥15 | 346 | | 209 | 60.6 |
| Gini index (%) | | | | |
| <38 | 191 | | 130 | 67.9 |
| 38.00–41.99 | 239 | | 153 | 64.0 |
| 42.00–45.99 | 206 | | 143 | 69.3 |
| ≥46 | 336 | | 212 | 63.3 |
| Subtotal^a | 986 | | 645 | 65.4 |
| Female | | | | |
| Below federal poverty level (%) | | | | |
| <6 | — | | — | — |
| 6.00–10.99 | — | | — | — |
| 11.00–17.99 | — | | — | — |
| ≥18 | — | | — | — |
| Less than high school diploma (%) | | | | |
| <6 | — | | — | — |
| 6.00–9.99 | — | | — | — |
| 10.00–17.99 | — | | — | — |
| ≥18 | — | | — | — |
| Median household income (U.S. \$) | | | | |
| <42,000 | — | | — | — |
| 42,000–56,999 | — | | — | — |
| 57,000–77,999 | — | | — | — |
| ≥78,000 | — | | — | — |
| Without health insurance (%) | | | | |
| <5 | — | | — | — |
| 5.00–8.99 | — | | — | — |
| 9.00–14.99 | — | | — | — |
| ≥15 | — | | — | — |
| Gini index (%) | | | | |
| <38 | — | | — | — |
| 38.00–41.99 | — | | — | — |
| 42.00–45.99 | — | | — | — |
| ≥46 | — | | — | — |
| Subtotal^a | — | | — | — |
| Total | 986 | | 645 | 65.4 |

Table 10c. HIV viral suppression within 6 months of diagnosis among adults with HIV infection diagnosed during 2018, by transmission category, sex at birth, and selected social determinants of health—census tract level, 41 states and the District of Columbia (cont)

| | Total diagnoses | VL <200 copies/mL | |
|--|-----------------|---|-------------|
| | No. | No. | % |
| | | Heterosexual contact^b | |
| Male | | | |
| Below federal poverty level (%) | | | |
| <6 | 249 | 165 | 66.2 |
| 6.00–10.99 | 425 | 299 | 70.3 |
| 11.00–17.99 | 529 | 348 | 65.8 |
| ≥18 | 980 | 580 | 59.2 |
| Less than high school diploma (%) | | | |
| <6 | 255 | 173 | 67.8 |
| 6.00–9.99 | 320 | 214 | 66.7 |
| 10.00–17.99 | 673 | 433 | 64.4 |
| ≥18 | 937 | 575 | 61.3 |
| Median household income (U.S. \$) | | | |
| <42,000 | 913 | 537 | 58.8 |
| 42,000–56,999 | 569 | 384 | 67.6 |
| 57,000–77,999 | 426 | 279 | 65.4 |
| ≥78,000 | 273 | 191 | 69.9 |
| Without health insurance (%) | | | |
| <5 | 209 | 147 | 70.1 |
| 5.00–8.99 | 326 | 218 | 66.9 |
| 9.00–14.99 | 525 | 354 | 67.4 |
| ≥15 | 1,122 | 673 | 60.0 |
| Gini index (%) | | | |
| <38 | 407 | 273 | 67.2 |
| 38.00–41.99 | 518 | 336 | 64.9 |
| 42.00–45.99 | 535 | 324 | 60.5 |
| ≥46 | 722 | 458 | 63.5 |
| Subtotal^a | 2,205 | 1,406 | 63.8 |
| Female | | | |
| Below federal poverty level (%) | | | |
| <6 | 462 | 349 | 75.5 |
| 6.00–10.99 | 819 | 600 | 73.2 |
| 11.00–17.99 | 1,256 | 898 | 71.5 |
| ≥18 | 2,122 | 1,378 | 64.9 |
| Less than high school diploma (%) | | | |
| <6 | 508 | 372 | 73.3 |
| 6.00–9.99 | 682 | 501 | 73.4 |
| 10.00–17.99 | 1,436 | 1,010 | 70.3 |
| ≥18 | 2,034 | 1,341 | 66.0 |
| Median household income (U.S. \$) | | | |
| <42,000 | 2,072 | 1,338 | 64.6 |
| 42,000–56,999 | 1,160 | 814 | 70.2 |
| 57,000–77,999 | 826 | 624 | 75.6 |
| ≥78,000 | 601 | 448 | 74.5 |
| Without health insurance (%) | | | |
| <5 | 472 | 360 | 76.3 |
| 5.00–8.99 | 707 | 528 | 74.6 |
| 9.00–14.99 | 1,142 | 813 | 71.2 |
| ≥15 | 2,338 | 1,524 | 65.2 |
| Gini index (%) | | | |
| <38 | 866 | 628 | 72.5 |
| 38.00–41.99 | 1,183 | 835 | 70.6 |
| 42.00–45.99 | 1,058 | 724 | 68.5 |
| ≥46 | 1,552 | 1,038 | 66.9 |
| Subtotal^a | 4,747 | 3,282 | 69.1 |
| Total | 6,952 | 4,688 | 67.4 |

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

Note. Data reflect the census tract of the person's residential address at the time of diagnosis of HIV infection. Viral suppression was measured by documentation of a VL test result of <200 copies/ml at any time within 6 months of diagnosis of HIV infection during 2018. Data not provided for states and associated census tracts that do not have laws requiring reporting of all CD4 and viral loads, or that have incomplete reporting of laboratory data to CDC. Areas without laws: Idaho, New Jersey, and Pennsylvania. Areas with incomplete reporting: Arizona, Arkansas, Connecticut, Kansas, Kentucky, Vermont, and Puerto Rico.

Definitions for the SDH indicator variables used in this report can be found at http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2018_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.

Table 10d. HIV viral suppression within 6 months of diagnosis among male adults with HIV infection diagnosed during 2018 and 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

| | Total diagnoses | | VL <200 copies/mL | |
|--|------------------------------------|--------------|-------------------|--|
| | No. | No. | % | |
| | Black/African American | | | |
| Below federal poverty level (%) | | | | |
| <6 | 635 | 428 | 67.3 | |
| 6.00–10.99 | 1,236 | 791 | 64.0 | |
| 11.00–17.99 | 1,888 | 1,193 | 63.2 | |
| ≥18 | 3,517 | 2,163 | 61.5 | |
| Less than high school diploma (%) | | | | |
| <6 | 974 | 648 | 66.5 | |
| 6.00–9.99 | 1,182 | 758 | 64.1 | |
| 10.00–17.99 | 2,380 | 1,488 | 62.5 | |
| ≥18 | 2,743 | 1,683 | 61.4 | |
| Median household income (U.S. \$) | | | | |
| <42,000 | 3,431 | 2,087 | 60.8 | |
| 42,000–56,999 | 1,755 | 1,129 | 64.3 | |
| 57,000–77,999 | 1,261 | 798 | 63.2 | |
| ≥78,000 | 822 | 557 | 67.7 | |
| Without health insurance (%) | | | | |
| <5 | 647 | 435 | 67.3 | |
| 5.00–8.99 | 1,153 | 781 | 67.7 | |
| 9.00–14.99 | 1,973 | 1,266 | 64.2 | |
| ≥15 | 3,505 | 2,094 | 59.7 | |
| Gini index (%) | | | | |
| <38 | 1,366 | 860 | 63.0 | |
| 38.00–41.99 | 1,649 | 1,030 | 62.5 | |
| 42.00–45.99 | 1,661 | 1,028 | 61.9 | |
| ≥46 | 2,597 | 1,654 | 63.7 | |
| Total^a | 7,396 | 4,643 | 62.8 | |
| | Hispanic/Latino^b | | | |
| Below federal poverty level (%) | | | | |
| <6 | 562 | 407 | 72.4 | |
| 6.00–10.99 | 1,323 | 983 | 74.3 | |
| 11.00–17.99 | 1,714 | 1,288 | 75.1 | |
| ≥18 | 2,337 | 1,690 | 72.3 | |
| Less than high school diploma (%) | | | | |
| <6 | 752 | 584 | 77.6 | |
| 6.00–9.99 | 753 | 578 | 76.7 | |
| 10.00–17.99 | 1,390 | 1,032 | 74.2 | |
| ≥18 | 3,047 | 2,178 | 71.5 | |
| Median household income (U.S. \$) | | | | |
| <42,000 | 1,928 | 1,362 | 70.7 | |
| 42,000–56,999 | 1,669 | 1,251 | 75.0 | |
| 57,000–77,999 | 1,383 | 1,042 | 75.3 | |
| ≥78,000 | 953 | 710 | 74.5 | |
| Without health insurance (%) | | | | |
| <5 | 487 | 377 | 77.3 | |
| 5.00–8.99 | 827 | 636 | 76.9 | |
| 9.00–14.99 | 1,388 | 1,035 | 74.6 | |
| ≥15 | 3,235 | 2,320 | 71.7 | |
| Gini index (%) | | | | |
| <38 | 1,255 | 902 | 71.9 | |
| 38.00–41.99 | 1,568 | 1,147 | 73.2 | |
| 42.00–45.99 | 1,453 | 1,076 | 74.1 | |
| ≥46 | 1,660 | 1,243 | 74.9 | |
| Total^a | 6,002 | 4,410 | 73.5 | |

Table 10d. HIV viral suppression within 6 months of diagnosis among male adults with HIV infection diagnosed during 2018 and 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)

| | Total diagnoses | VL <200 copies/mL | |
|--|-----------------|--------------------------|-------------|
| | No. | No. | % |
| | | White | |
| Below federal poverty level (%) | | | |
| <6 | 1,000 | 739 | 73.9 |
| 6.00–10.99 | 1,428 | 1,056 | 73.9 |
| 11.00–17.99 | 1,273 | 935 | 73.4 |
| ≥18 | 1,220 | 846 | 69.4 |
| Less than high school diploma (%) | | | |
| <6 | 1,509 | 1,142 | 75.7 |
| 6.00–9.99 | 1,092 | 794 | 72.7 |
| 10.00–17.99 | 1,338 | 951 | 71.0 |
| ≥18 | 983 | 690 | 70.2 |
| Median household income (U.S. \$) | | | |
| <42,000 | 1,074 | 742 | 69.2 |
| 42,000–56,999 | 1,244 | 905 | 72.8 |
| 57,000–77,999 | 1,329 | 966 | 72.7 |
| ≥78,000 | 1,275 | 962 | 75.5 |
| Without health insurance (%) | | | |
| <5 | 1,049 | 785 | 74.8 |
| 5.00–8.99 | 1,202 | 889 | 74.0 |
| 9.00–14.99 | 1,328 | 967 | 72.9 |
| ≥15 | 1,342 | 935 | 69.7 |
| Gini index (%) | | | |
| <38 | 1,071 | 766 | 71.5 |
| 38.00–41.99 | 1,201 | 867 | 72.2 |
| 42.00–45.99 | 1,204 | 887 | 73.6 |
| ≥46 | 1,444 | 1,055 | 73.1 |
| Total^a | 5,002 | 3,633 | 72.6 |
| | | Other^c | |
| Below federal poverty level (%) | | | |
| <6 | 195 | 147 | 75.5 |
| 6.00–10.99 | 293 | 221 | 75.4 |
| 11.00–17.99 | 327 | 243 | 74.3 |
| ≥18 | 334 | 238 | 71.2 |
| Less than high school diploma (%) | | | |
| <6 | 285 | 214 | 75.2 |
| 6.00–9.99 | 224 | 166 | 74.4 |
| 10.00–17.99 | 309 | 229 | 74.3 |
| ≥18 | 332 | 239 | 71.8 |
| Median household income (U.S. \$) | | | |
| <42,000 | 240 | 171 | 71.1 |
| 42,000–56,999 | 285 | 215 | 75.4 |
| 57,000–77,999 | 305 | 225 | 73.8 |
| ≥78,000 | 316 | 236 | 74.6 |
| Without health insurance (%) | | | |
| <5 | 245 | 190 | 77.7 |
| 5.00–8.99 | 270 | 208 | 76.9 |
| 9.00–14.99 | 283 | 205 | 72.5 |
| ≥15 | 350 | 245 | 70.1 |
| Gini index (%) | | | |
| <38 | 270 | 199 | 73.7 |
| 38.00–41.99 | 259 | 188 | 72.6 |
| 42.00–45.99 | 251 | 193 | 76.9 |
| ≥46 | 367 | 267 | 72.8 |
| Total^a | 1,169 | 860 | 73.5 |

Table 10d. HIV viral suppression within 6 months of diagnosis among male adults with HIV infection diagnosed during 2018 and 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)

| | Total diagnoses | VL <200 copies/mL | |
|--|-----------------|-------------------|-------------|
| | No. | No. | % |
| | Total | | |
| Below federal poverty level (%) | | | |
| <6 | 2,392 | 1,720 | 71.9 |
| 6.00–10.99 | 4,280 | 3,051 | 71.3 |
| 11.00–17.99 | 5,202 | 3,659 | 70.3 |
| ≥18 | 7,407 | 4,937 | 66.7 |
| Less than high school diploma (%) | | | |
| <6 | 3,521 | 2,588 | 73.5 |
| 6.00–9.99 | 3,250 | 2,296 | 70.6 |
| 10.00–17.99 | 5,417 | 3,700 | 68.3 |
| ≥18 | 7,104 | 4,789 | 67.4 |
| Median household income (U.S. \$) | | | |
| <42,000 | 6,672 | 4,363 | 65.4 |
| 42,000–56,999 | 4,952 | 3,500 | 70.7 |
| 57,000–77,999 | 4,278 | 3,030 | 70.8 |
| ≥78,000 | 3,365 | 2,464 | 73.2 |
| Without health insurance (%) | | | |
| <5 | 2,428 | 1,787 | 73.6 |
| 5.00–8.99 | 3,452 | 2,514 | 72.8 |
| 9.00–14.99 | 4,972 | 3,473 | 69.9 |
| ≥15 | 8,432 | 5,594 | 66.3 |
| Gini index (%) | | | |
| <38 | 3,961 | 2,726 | 68.8 |
| 38.00–41.99 | 4,676 | 3,233 | 69.1 |
| 42.00–45.99 | 4,568 | 3,183 | 69.7 |
| ≥46 | 6,068 | 4,219 | 69.5 |
| Total^a | 19,569 | 13,546 | 69.2 |

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

Note. Data reflect the census tract of the person's residential address at the time of diagnosis of HIV infection. Viral suppression was measured by documentation of a VL test result of <200 copies/ml at any time within 6 months of diagnosis of HIV infection during 2018. Data not provided for states and associated census tracts that do not have laws requiring reporting of all CD4 and viral loads, or that have incomplete reporting of laboratory data to CDC. Areas without laws: Idaho, New Jersey, and Pennsylvania. Areas with incomplete reporting: Arizona, Arkansas, Connecticut, Kansas, Kentucky, Vermont, and Puerto Rico.

Definitions for the SDH indicator variables used in this report can be found at http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2018_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, and multiple races.

Table S1. Adults living below federal poverty level, by sex at birth and area of residence, 2014–2018 5-year ACS estimates—census tract level, United States and Puerto Rico

| Area of residence | Below federal poverty level (%) | | | | | | | |
|----------------------|---------------------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|
| | <6 | | 6.00–10.99 | | 11.00–17.99 | | ≥18 | |
| | No. | % ^a | No. | % ^a | No. | % ^a | No. | % ^a |
| | Male | | | | | | | |
| Alabama | 236,108 | 13.2 | 447,071 | 24.9 | 540,431 | 30.1 | 571,468 | 31.8 |
| Alaska | 88,114 | 30.4 | 121,665 | 42.0 | 55,483 | 19.1 | 24,625 | 8.5 |
| Arizona | 551,199 | 21.1 | 715,611 | 27.4 | 550,155 | 21.0 | 796,696 | 30.5 |
| Arkansas | 94,672 | 8.6 | 264,345 | 23.9 | 400,246 | 36.2 | 347,866 | 31.4 |
| California | 3,293,505 | 22.3 | 4,414,899 | 30.0 | 3,789,894 | 25.7 | 3,238,111 | 22.0 |
| Colorado | 738,495 | 34.8 | 595,246 | 28.1 | 498,782 | 23.5 | 289,226 | 13.6 |
| Connecticut | 680,078 | 50.0 | 322,995 | 23.7 | 182,808 | 13.4 | 174,447 | 12.8 |
| Delaware | 94,637 | 26.6 | 139,897 | 39.3 | 84,407 | 23.7 | 37,474 | 10.5 |
| District of Columbia | 52,755 | 20.0 | 48,626 | 18.5 | 88,992 | 33.8 | 73,032 | 27.7 |
| Florida | 1,388,222 | 17.5 | 2,457,038 | 30.9 | 2,308,046 | 29.1 | 1,787,080 | 22.5 |
| Georgia | 702,332 | 18.8 | 988,776 | 26.5 | 1,061,513 | 28.4 | 981,952 | 26.3 |
| Hawaii | 215,486 | 38.8 | 189,026 | 34.0 | 100,003 | 18.0 | 51,038 | 9.2 |
| Idaho | 63,262 | 10.2 | 247,316 | 39.8 | 206,474 | 33.2 | 104,269 | 16.8 |
| Illinois | 1,425,745 | 29.7 | 1,483,305 | 30.9 | 1,023,922 | 21.3 | 869,365 | 18.1 |
| Indiana | 648,481 | 26.3 | 758,773 | 30.8 | 572,680 | 23.3 | 482,062 | 19.6 |
| Iowa | 290,417 | 24.6 | 481,010 | 40.7 | 250,802 | 21.2 | 159,558 | 13.5 |
| Kansas | 318,814 | 29.4 | 355,178 | 32.8 | 217,003 | 20.0 | 192,362 | 17.8 |
| Kentucky | 234,721 | 14.1 | 385,347 | 23.2 | 427,541 | 25.7 | 614,747 | 37.0 |
| Louisiana | 154,035 | 9.0 | 412,708 | 24.1 | 516,943 | 30.2 | 628,995 | 36.7 |
| Maine | 98,733 | 18.9 | 186,426 | 35.7 | 159,025 | 30.5 | 77,421 | 14.8 |
| Maryland | 989,605 | 44.8 | 668,968 | 30.3 | 355,979 | 16.1 | 194,998 | 8.8 |
| Massachusetts | 1,080,543 | 41.4 | 701,541 | 26.9 | 448,164 | 17.2 | 377,478 | 14.5 |
| Michigan | 981,279 | 26.1 | 1,037,535 | 27.6 | 917,588 | 24.4 | 817,660 | 21.8 |
| Minnesota | 818,485 | 39.2 | 729,447 | 34.9 | 327,320 | 15.7 | 213,606 | 10.2 |
| Mississippi | 93,184 | 8.6 | 169,089 | 15.6 | 361,864 | 33.4 | 458,295 | 42.3 |
| Missouri | 534,831 | 23.5 | 651,647 | 28.6 | 603,028 | 26.5 | 489,793 | 21.5 |
| Montana | 56,510 | 13.9 | 147,614 | 36.3 | 108,415 | 26.7 | 94,086 | 23.1 |
| Nebraska | 216,110 | 30.7 | 231,943 | 33.0 | 158,122 | 22.5 | 96,911 | 13.8 |
| Nevada | 245,568 | 21.9 | 388,559 | 34.6 | 244,458 | 21.8 | 243,943 | 21.7 |
| New Hampshire | 277,714 | 52.3 | 145,972 | 27.5 | 72,927 | 13.7 | 34,293 | 6.5 |
| New Jersey | 1,595,848 | 48.1 | 811,268 | 24.5 | 489,434 | 14.8 | 420,004 | 12.7 |
| New Mexico | 83,829 | 10.9 | 125,877 | 16.4 | 250,619 | 32.6 | 308,020 | 40.1 |
| New York | 2,004,566 | 27.2 | 2,028,725 | 27.5 | 1,601,870 | 21.7 | 1,742,372 | 23.6 |
| North Carolina | 682,092 | 18.1 | 1,040,661 | 27.7 | 1,148,625 | 30.5 | 892,302 | 23.7 |
| North Dakota | 74,178 | 25.0 | 124,195 | 41.8 | 64,269 | 21.6 | 34,235 | 11.5 |
| Ohio | 1,269,215 | 29.1 | 1,189,763 | 27.3 | 955,073 | 21.9 | 946,970 | 21.7 |
| Oklahoma | 256,265 | 17.7 | 349,667 | 24.1 | 476,379 | 32.8 | 368,454 | 25.4 |
| Oregon | 232,491 | 14.7 | 472,036 | 29.9 | 553,145 | 35.1 | 320,288 | 20.3 |
| Pennsylvania | 1,646,421 | 33.7 | 1,542,340 | 31.6 | 877,662 | 18.0 | 821,551 | 16.8 |
| Puerto Rico | 1,722 | 0.1 | 13,665 | 1.1 | 50,621 | 4.0 | 1,193,431 | 94.8 |
| Rhode Island | 137,249 | 33.8 | 106,061 | 26.1 | 69,068 | 17.0 | 93,910 | 23.1 |
| South Carolina | 333,632 | 18.2 | 481,130 | 26.2 | 545,299 | 29.7 | 477,220 | 26.0 |
| South Dakota | 79,230 | 24.3 | 100,505 | 30.8 | 89,924 | 27.6 | 56,579 | 17.3 |
| Tennessee | 406,817 | 16.5 | 652,265 | 26.4 | 721,594 | 29.2 | 689,632 | 27.9 |
| Texas | 2,465,728 | 24.4 | 2,664,841 | 26.4 | 2,481,131 | 24.6 | 2,482,207 | 24.6 |
| Utah | 409,885 | 38.7 | 324,586 | 30.7 | 182,337 | 17.2 | 141,654 | 13.4 |
| Vermont | 59,746 | 24.2 | 102,815 | 41.6 | 55,776 | 22.6 | 28,620 | 11.6 |
| Virginia | 1,211,971 | 38.2 | 910,128 | 28.7 | 653,383 | 20.6 | 396,015 | 12.5 |
| Washington | 769,235 | 27.4 | 1,038,989 | 37.0 | 637,675 | 22.7 | 364,024 | 13.0 |
| West Virginia | 51,672 | 7.2 | 156,830 | 22.0 | 260,842 | 36.6 | 243,449 | 34.2 |
| Wisconsin | 720,975 | 32.6 | 796,442 | 36.0 | 400,161 | 18.1 | 294,109 | 13.3 |
| Wyoming | 48,207 | 21.3 | 92,786 | 41.1 | 60,551 | 26.8 | 24,371 | 10.8 |
| Total | 31,204,614 | 25.5 | 35,013,148 | 28.6 | 29,258,453 | 23.9 | 26,862,274 | 22.0 |

Table S1. Adults living below federal poverty level, by sex at birth and area of residence, 2014–2018 5-year ACS estimates—census tract level, United States and Puerto Rico (cont)

| Area of residence | Below federal poverty level (%) | | | | | | | |
|----------------------|---------------------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|
| | <6 | | 6.00–10.99 | | 11.00–17.99 | | ≥18 | |
| | No. | % ^b | No. | % ^b | No. | % ^b | No. | % ^b |
| | Female | | | | | | | |
| Alabama | 256,824 | 13.0 | 483,200 | 24.5 | 584,681 | 29.7 | 645,227 | 32.8 |
| Alaska | 79,592 | 30.3 | 112,871 | 43.0 | 48,130 | 18.3 | 21,898 | 8.3 |
| Arizona | 584,881 | 21.7 | 761,745 | 28.3 | 568,406 | 21.1 | 774,363 | 28.8 |
| Arkansas | 99,441 | 8.4 | 282,385 | 24.0 | 415,341 | 35.3 | 380,432 | 32.3 |
| California | 3,418,435 | 22.4 | 4,616,948 | 30.3 | 3,907,064 | 25.6 | 3,304,644 | 21.7 |
| Colorado | 755,884 | 35.4 | 604,665 | 28.4 | 492,444 | 23.1 | 279,444 | 13.1 |
| Connecticut | 717,829 | 48.9 | 355,300 | 24.2 | 198,328 | 13.5 | 195,253 | 13.3 |
| Delaware | 100,885 | 25.9 | 150,566 | 38.6 | 95,279 | 24.5 | 42,924 | 11.0 |
| District of Columbia | 56,527 | 18.9 | 52,574 | 17.6 | 102,039 | 34.1 | 88,216 | 29.5 |
| Florida | 1,491,260 | 17.6 | 2,666,792 | 31.4 | 2,443,258 | 28.8 | 1,891,619 | 22.3 |
| Georgia | 748,140 | 18.4 | 1,074,994 | 26.5 | 1,163,417 | 28.7 | 1,071,914 | 26.4 |
| Hawaii | 211,081 | 37.8 | 190,140 | 34.0 | 106,637 | 19.1 | 51,046 | 9.1 |
| Idaho | 64,096 | 10.2 | 254,510 | 40.6 | 203,322 | 32.4 | 105,384 | 16.8 |
| Illinois | 1,511,962 | 29.7 | 1,568,651 | 30.8 | 1,054,026 | 20.7 | 957,520 | 18.8 |
| Indiana | 674,397 | 26.0 | 785,398 | 30.3 | 614,365 | 23.7 | 520,971 | 20.1 |
| Iowa | 300,005 | 24.6 | 494,663 | 40.5 | 267,949 | 22.0 | 158,063 | 12.9 |
| Kansas | 331,798 | 29.9 | 360,416 | 32.5 | 223,789 | 20.2 | 193,871 | 17.5 |
| Kentucky | 243,978 | 13.9 | 406,802 | 23.1 | 451,067 | 25.6 | 658,616 | 37.4 |
| Louisiana | 165,554 | 9.0 | 436,597 | 23.7 | 543,993 | 29.6 | 693,826 | 37.7 |
| Maine | 106,282 | 19.1 | 198,244 | 35.6 | 170,392 | 30.6 | 81,629 | 14.7 |
| Maryland | 1,067,154 | 43.9 | 741,065 | 30.5 | 398,317 | 16.4 | 226,948 | 9.3 |
| Massachusetts | 1,159,048 | 40.8 | 778,314 | 27.4 | 485,677 | 17.1 | 416,636 | 14.7 |
| Michigan | 1,024,578 | 25.7 | 1,087,146 | 27.3 | 976,083 | 24.5 | 891,362 | 22.4 |
| Minnesota | 841,110 | 39.2 | 749,082 | 34.9 | 340,335 | 15.9 | 213,110 | 9.9 |
| Mississippi | 101,458 | 8.6 | 182,162 | 15.4 | 389,519 | 32.8 | 512,790 | 43.2 |
| Missouri | 563,192 | 23.2 | 692,890 | 28.6 | 633,577 | 26.1 | 536,041 | 22.1 |
| Montana | 57,143 | 14.0 | 150,301 | 36.9 | 106,041 | 26.1 | 93,453 | 23.0 |
| Nebraska | 223,592 | 31.0 | 237,490 | 32.9 | 164,207 | 22.8 | 96,348 | 13.4 |
| Nevada | 256,778 | 22.8 | 397,729 | 35.3 | 241,616 | 21.5 | 229,709 | 20.4 |
| New Hampshire | 285,846 | 52.0 | 154,158 | 28.0 | 77,009 | 14.0 | 33,140 | 6.0 |
| New Jersey | 1,729,192 | 48.3 | 877,785 | 24.5 | 515,281 | 14.4 | 457,171 | 12.8 |
| New Mexico | 85,728 | 10.7 | 129,005 | 16.1 | 266,321 | 33.3 | 318,005 | 39.8 |
| New York | 2,164,364 | 26.8 | 2,198,984 | 27.3 | 1,710,130 | 21.2 | 1,990,016 | 24.7 |
| North Carolina | 730,854 | 17.9 | 1,122,492 | 27.5 | 1,241,800 | 30.4 | 990,816 | 24.2 |
| North Dakota | 70,732 | 25.1 | 117,673 | 41.8 | 62,792 | 22.3 | 30,409 | 10.8 |
| Ohio | 1,319,144 | 28.3 | 1,269,621 | 27.3 | 1,036,609 | 22.3 | 1,033,522 | 22.2 |
| Oklahoma | 263,767 | 17.5 | 372,371 | 24.7 | 491,829 | 32.6 | 380,699 | 25.2 |
| Oregon | 243,541 | 14.9 | 491,895 | 30.1 | 577,063 | 35.3 | 323,306 | 19.8 |
| Pennsylvania | 1,734,258 | 33.2 | 1,614,969 | 30.9 | 940,433 | 18.0 | 932,683 | 17.9 |
| Puerto Rico | 2,191 | 0.2 | 15,716 | 1.1 | 59,810 | 4.2 | 1,359,795 | 94.6 |
| Rhode Island | 147,391 | 33.4 | 115,520 | 26.2 | 77,136 | 17.5 | 101,407 | 23.0 |
| South Carolina | 358,706 | 17.9 | 520,720 | 25.9 | 594,222 | 29.6 | 534,869 | 26.6 |
| South Dakota | 78,230 | 24.1 | 100,678 | 31.0 | 91,570 | 28.2 | 54,507 | 16.8 |
| Tennessee | 443,565 | 16.6 | 699,269 | 26.2 | 766,006 | 28.7 | 761,332 | 28.5 |
| Texas | 2,583,936 | 24.7 | 2,751,631 | 26.3 | 2,565,216 | 24.5 | 2,549,928 | 24.4 |
| Utah | 410,347 | 38.5 | 334,395 | 31.4 | 187,204 | 17.6 | 133,583 | 12.5 |
| Vermont | 63,441 | 24.4 | 107,185 | 41.3 | 59,812 | 23.0 | 29,236 | 11.3 |
| Virginia | 1,264,362 | 37.7 | 970,431 | 28.9 | 695,994 | 20.7 | 426,671 | 12.7 |
| Washington | 787,951 | 27.6 | 1,066,833 | 37.4 | 632,750 | 22.2 | 364,004 | 12.8 |
| West Virginia | 53,745 | 7.2 | 161,005 | 21.7 | 273,370 | 36.8 | 254,768 | 34.3 |
| Wisconsin | 732,484 | 32.2 | 820,418 | 36.0 | 408,210 | 17.9 | 315,547 | 13.9 |
| Wyoming | 47,386 | 21.7 | 89,837 | 41.2 | 59,354 | 27.2 | 21,625 | 9.9 |
| Total | 32,814,065 | 25.4 | 36,976,231 | 28.6 | 30,779,220 | 23.8 | 28,730,296 | 22.2 |

Table S1. Adults living below federal poverty level, by sex at birth and area of residence, 2014–2018 5-year ACS estimates—census tract level, United States and Puerto Rico (cont)

| Area of residence | Below federal poverty level (%) | | | | | | | | | | | |
|----------------------|---------------------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|
| | <6 | | | 6.00–10.99 | | | 11.00–17.99 | | | ≥18 | | |
| | No. | % ^c | % ^d | No. | % ^c | % ^d | No. | % ^c | % ^d | No. | % ^c | % ^d |
| | Total | | | | | | | | | | | |
| Alabama | 492,932 | 13.1 | 0.8 | 930,271 | 24.7 | 1.3 | 1,125,112 | 29.9 | 1.9 | 1,216,695 | 32.3 | 2.2 |
| Alaska | 167,706 | 30.4 | 0.3 | 234,536 | 42.5 | 0.3 | 103,613 | 18.8 | 0.2 | 46,523 | 8.4 | 0.1 |
| Arizona | 1,136,080 | 21.4 | 1.8 | 1,477,356 | 27.9 | 2.1 | 1,118,561 | 21.1 | 1.9 | 1,571,059 | 29.6 | 2.8 |
| Arkansas | 194,113 | 8.5 | 0.3 | 546,730 | 23.9 | 0.8 | 815,587 | 35.7 | 1.4 | 728,298 | 31.9 | 1.3 |
| California | 6,711,940 | 22.4 | 10.5 | 9,031,847 | 30.1 | 12.5 | 7,696,958 | 25.7 | 12.8 | 6,542,755 | 21.8 | 11.8 |
| Colorado | 1,494,379 | 35.1 | 2.3 | 1,199,911 | 28.2 | 1.7 | 991,226 | 23.3 | 1.7 | 568,670 | 13.4 | 1.0 |
| Connecticut | 1,397,907 | 49.4 | 2.2 | 678,295 | 24.0 | 0.9 | 381,136 | 13.5 | 0.6 | 369,700 | 13.1 | 0.7 |
| Delaware | 195,522 | 26.2 | 0.3 | 290,463 | 38.9 | 0.4 | 179,686 | 24.1 | 0.3 | 80,398 | 10.8 | 0.1 |
| District of Columbia | 109,282 | 19.4 | 0.2 | 101,200 | 18.0 | 0.1 | 191,031 | 33.9 | 0.3 | 161,248 | 28.7 | 0.3 |
| Florida | 2,879,482 | 17.5 | 4.5 | 5,123,830 | 31.2 | 7.1 | 4,751,304 | 28.9 | 7.9 | 3,678,699 | 22.4 | 6.6 |
| Georgia | 1,450,472 | 18.6 | 2.3 | 2,063,770 | 26.5 | 2.9 | 2,224,930 | 28.6 | 3.7 | 2,053,866 | 26.4 | 3.7 |
| Hawaii | 426,567 | 38.3 | 0.7 | 379,166 | 34.0 | 0.5 | 206,640 | 18.5 | 0.3 | 102,084 | 9.2 | 0.2 |
| Idaho | 127,358 | 10.2 | 0.2 | 501,826 | 40.2 | 0.7 | 409,796 | 32.8 | 0.7 | 209,653 | 16.8 | 0.4 |
| Illinois | 2,937,707 | 29.7 | 4.6 | 3,051,956 | 30.8 | 4.2 | 2,077,948 | 21.0 | 3.5 | 1,826,885 | 18.5 | 3.3 |
| Indiana | 1,322,878 | 26.2 | 2.1 | 1,544,171 | 30.5 | 2.1 | 1,187,045 | 23.5 | 2.0 | 1,003,033 | 19.8 | 1.8 |
| Iowa | 590,422 | 24.6 | 0.9 | 975,673 | 40.6 | 1.4 | 518,751 | 21.6 | 0.9 | 317,621 | 13.2 | 0.6 |
| Kansas | 650,612 | 29.7 | 1.0 | 715,594 | 32.6 | 1.0 | 440,792 | 20.1 | 0.7 | 386,233 | 17.6 | 0.7 |
| Kentucky | 478,699 | 14.0 | 0.7 | 792,149 | 23.1 | 1.1 | 878,608 | 25.7 | 1.5 | 1,273,363 | 37.2 | 2.3 |
| Louisiana | 319,589 | 9.0 | 0.5 | 849,305 | 23.9 | 1.2 | 1,060,936 | 29.9 | 1.8 | 1,322,821 | 37.2 | 2.4 |
| Maine | 205,015 | 19.0 | 0.3 | 384,670 | 35.7 | 0.5 | 329,417 | 30.6 | 0.5 | 159,050 | 14.8 | 0.3 |
| Maryland | 2,056,759 | 44.3 | 3.2 | 1,410,033 | 30.4 | 2.0 | 754,296 | 16.2 | 1.3 | 421,946 | 9.1 | 0.8 |
| Massachusetts | 2,239,591 | 41.1 | 3.5 | 1,479,855 | 27.2 | 2.1 | 933,841 | 17.1 | 1.6 | 794,114 | 14.6 | 1.4 |
| Michigan | 2,005,857 | 25.9 | 3.1 | 2,124,681 | 27.5 | 3.0 | 1,893,671 | 24.5 | 3.2 | 1,709,022 | 22.1 | 3.1 |
| Minnesota | 1,659,595 | 39.2 | 2.6 | 1,478,529 | 34.9 | 2.1 | 667,655 | 15.8 | 1.1 | 426,716 | 10.1 | 0.8 |
| Mississippi | 194,642 | 8.6 | 0.3 | 351,251 | 15.5 | 0.5 | 751,383 | 33.1 | 1.3 | 971,085 | 42.8 | 1.7 |
| Missouri | 1,098,023 | 23.3 | 1.7 | 1,344,537 | 28.6 | 1.9 | 1,236,605 | 26.3 | 2.1 | 1,025,834 | 21.8 | 1.8 |
| Montana | 113,653 | 14.0 | 0.2 | 297,915 | 36.6 | 0.4 | 214,456 | 26.4 | 0.4 | 187,539 | 23.1 | 0.3 |
| Nebraska | 439,702 | 30.9 | 0.7 | 469,433 | 32.9 | 0.7 | 322,329 | 22.6 | 0.5 | 193,259 | 13.6 | 0.3 |
| Nevada | 502,346 | 22.3 | 0.8 | 786,288 | 35.0 | 1.1 | 486,074 | 21.6 | 0.8 | 473,652 | 21.1 | 0.9 |
| New Hampshire | 563,560 | 52.1 | 0.9 | 300,130 | 27.8 | 0.4 | 149,936 | 13.9 | 0.2 | 67,433 | 6.2 | 0.1 |
| New Jersey | 3,325,040 | 48.2 | 5.2 | 1,689,053 | 24.5 | 2.3 | 1,004,715 | 14.6 | 1.7 | 877,175 | 12.7 | 1.6 |
| New Mexico | 169,557 | 10.8 | 0.3 | 254,882 | 16.3 | 0.4 | 516,940 | 33.0 | 0.9 | 626,025 | 39.9 | 1.1 |
| New York | 4,168,930 | 27.0 | 6.5 | 4,227,709 | 27.4 | 5.9 | 3,312,000 | 21.4 | 5.5 | 3,732,388 | 24.2 | 6.7 |
| North Carolina | 1,412,946 | 18.0 | 2.2 | 2,163,153 | 27.6 | 3.0 | 2,390,425 | 30.5 | 4.0 | 1,883,118 | 24.0 | 3.4 |
| North Dakota | 144,910 | 25.1 | 0.2 | 241,868 | 41.8 | 0.3 | 127,061 | 22.0 | 0.2 | 64,644 | 11.2 | 0.1 |
| Ohio | 2,588,359 | 28.7 | 4.0 | 2,459,384 | 27.3 | 3.4 | 1,991,682 | 22.1 | 3.3 | 1,980,492 | 22.0 | 3.6 |
| Oklahoma | 520,032 | 17.6 | 0.8 | 722,038 | 24.4 | 1.0 | 968,208 | 32.7 | 1.6 | 749,153 | 25.3 | 1.3 |
| Oregon | 476,032 | 14.8 | 0.7 | 963,931 | 30.0 | 1.3 | 1,130,208 | 35.2 | 1.9 | 643,594 | 20.0 | 1.2 |
| Pennsylvania | 3,380,679 | 33.4 | 5.3 | 3,157,309 | 31.2 | 4.4 | 1,818,095 | 18.0 | 3.0 | 1,754,234 | 17.4 | 3.2 |
| Puerto Rico | 3,913 | 0.1 | 0.0 | 29,381 | 1.1 | 0.0 | 110,431 | 4.1 | 0.2 | 2,553,226 | 94.7 | 4.6 |
| Rhode Island | 284,640 | 33.6 | 0.4 | 221,581 | 26.1 | 0.3 | 146,204 | 17.2 | 0.2 | 195,317 | 23.0 | 0.4 |
| South Carolina | 692,338 | 18.0 | 1.1 | 1,001,850 | 26.1 | 1.4 | 1,139,521 | 29.6 | 1.9 | 1,012,089 | 26.3 | 1.8 |
| South Dakota | 157,460 | 24.2 | 0.2 | 201,183 | 30.9 | 0.3 | 181,494 | 27.9 | 0.3 | 111,086 | 17.1 | 0.2 |
| Tennessee | 850,382 | 16.5 | 1.3 | 1,351,534 | 26.3 | 1.9 | 1,487,600 | 28.9 | 2.5 | 1,450,964 | 28.2 | 2.6 |
| Texas | 5,049,664 | 24.6 | 7.9 | 5,416,472 | 26.4 | 7.5 | 5,046,347 | 24.6 | 8.4 | 5,032,135 | 24.5 | 9.1 |
| Utah | 820,232 | 38.6 | 1.3 | 658,981 | 31.0 | 0.9 | 369,541 | 17.4 | 0.6 | 275,237 | 13.0 | 0.5 |
| Vermont | 123,187 | 24.3 | 0.2 | 210,000 | 41.5 | 0.3 | 115,588 | 22.8 | 0.2 | 57,856 | 11.4 | 0.1 |
| Virginia | 2,476,333 | 37.9 | 3.9 | 1,880,559 | 28.8 | 2.6 | 1,349,377 | 20.7 | 2.2 | 822,686 | 12.6 | 1.5 |
| Washington | 1,557,186 | 27.5 | 2.4 | 2,105,822 | 37.2 | 2.9 | 1,270,425 | 22.4 | 2.1 | 728,028 | 12.9 | 1.3 |
| West Virginia | 105,417 | 7.2 | 0.2 | 317,835 | 21.8 | 0.4 | 534,212 | 36.7 | 0.9 | 498,217 | 34.2 | 0.9 |
| Wisconsin | 1,453,459 | 32.4 | 2.3 | 1,616,860 | 36.0 | 2.2 | 808,371 | 18.0 | 1.3 | 609,656 | 13.6 | 1.1 |
| Wyoming | 95,593 | 21.5 | 0.1 | 182,623 | 41.1 | 0.3 | 119,905 | 27.0 | 0.2 | 45,996 | 10.4 | 0.1 |
| Total | 64,018,679 | 25.4 | 100 | 71,989,379 | 28.6 | 100 | 60,037,673 | 23.9 | 100 | 55,592,570 | 22.1 | 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.

Table S2. Adults with less than high school diploma, by sex at birth and area of residence, 2014–2018 5-year ACS estimates—census tract level, United States and Puerto Rico

| Area of residence | Less than high school diploma (%) | | | | | | | |
|----------------------|-----------------------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|
| | <6 | | 6.00–9.99 | | 10.00–17.99 | | ≥18 | |
| | No. | % ^a | No. | % ^a | No. | % ^a | No. | % ^a |
| | Male | | | | | | | |
| Alabama | 304,415 | 17.0 | 295,349 | 16.5 | 607,094 | 33.8 | 588,433 | 32.8 |
| Alaska | 108,345 | 37.4 | 95,803 | 33.0 | 71,416 | 24.6 | 14,323 | 4.9 |
| Arizona | 795,685 | 30.4 | 503,978 | 19.2 | 624,235 | 23.8 | 696,448 | 26.6 |
| Arkansas | 164,768 | 14.9 | 181,530 | 16.4 | 493,281 | 44.6 | 267,550 | 24.2 |
| California | 3,678,133 | 24.8 | 2,475,093 | 16.7 | 3,254,500 | 22.0 | 5,410,019 | 36.5 |
| Colorado | 1,006,250 | 47.1 | 440,166 | 20.6 | 423,628 | 19.8 | 266,018 | 12.5 |
| Connecticut | 554,810 | 40.7 | 343,904 | 25.2 | 292,701 | 21.5 | 170,754 | 12.5 |
| Delaware | 92,599 | 26.0 | 101,906 | 28.6 | 114,527 | 32.1 | 47,383 | 13.3 |
| District of Columbia | 111,806 | 42.4 | 34,935 | 13.3 | 79,337 | 30.1 | 37,327 | 14.2 |
| Florida | 1,956,229 | 24.6 | 1,843,782 | 23.2 | 2,367,245 | 29.8 | 1,786,051 | 22.5 |
| Georgia | 713,718 | 19.1 | 740,084 | 19.8 | 1,245,613 | 33.3 | 1,038,235 | 27.8 |
| Hawaii | 237,452 | 42.7 | 155,517 | 27.9 | 135,911 | 24.4 | 27,550 | 5.0 |
| Idaho | 182,201 | 29.3 | 191,614 | 30.8 | 179,198 | 28.8 | 68,308 | 11.0 |
| Illinois | 1,571,913 | 32.7 | 1,204,449 | 25.1 | 1,137,060 | 23.7 | 889,298 | 18.5 |
| Indiana | 498,270 | 20.2 | 669,688 | 27.2 | 889,070 | 36.1 | 408,387 | 16.6 |
| Iowa | 476,779 | 40.3 | 409,072 | 34.6 | 203,729 | 17.2 | 92,207 | 7.8 |
| Kansas | 416,635 | 38.5 | 307,095 | 28.3 | 229,451 | 21.2 | 130,176 | 12.0 |
| Kentucky | 293,632 | 17.6 | 275,090 | 16.5 | 592,174 | 35.5 | 506,602 | 30.4 |
| Louisiana | 227,167 | 13.2 | 284,622 | 16.6 | 581,833 | 33.9 | 621,489 | 36.2 |
| Maine | 181,237 | 34.7 | 187,035 | 35.9 | 144,404 | 27.7 | 8,929 | 1.7 |
| Maryland | 755,410 | 34.0 | 634,316 | 28.5 | 526,254 | 23.7 | 308,480 | 13.9 |
| Massachusetts | 1,115,175 | 42.7 | 600,858 | 23.0 | 513,717 | 19.7 | 379,341 | 14.5 |
| Michigan | 1,180,319 | 31.3 | 1,124,874 | 29.8 | 1,068,586 | 28.3 | 401,728 | 10.6 |
| Minnesota | 943,112 | 45.1 | 690,418 | 33.0 | 337,633 | 16.1 | 119,838 | 5.7 |
| Mississippi | 94,793 | 8.8 | 156,657 | 14.5 | 421,654 | 39.0 | 409,421 | 37.8 |
| Missouri | 621,589 | 27.3 | 547,278 | 24.0 | 799,163 | 35.1 | 311,269 | 13.7 |
| Montana | 162,793 | 40.0 | 149,116 | 36.6 | 84,173 | 20.7 | 11,117 | 2.7 |
| Nebraska | 282,315 | 39.9 | 217,808 | 30.8 | 130,313 | 18.4 | 76,853 | 10.9 |
| Nevada | 211,614 | 18.9 | 291,134 | 25.9 | 316,988 | 28.2 | 302,805 | 27.0 |
| New Hampshire | 223,635 | 42.1 | 200,400 | 37.7 | 87,993 | 16.6 | 18,878 | 3.6 |
| New Jersey | 1,222,198 | 36.7 | 855,820 | 25.7 | 723,046 | 21.7 | 527,780 | 15.9 |
| New Mexico | 162,471 | 20.7 | 124,026 | 15.8 | 219,236 | 28.0 | 278,151 | 35.5 |
| New York | 1,988,662 | 26.9 | 1,609,704 | 21.7 | 1,908,835 | 25.8 | 1,895,867 | 25.6 |
| North Carolina | 878,385 | 23.3 | 690,054 | 18.3 | 1,284,885 | 34.0 | 920,890 | 24.4 |
| North Dakota | 101,091 | 34.1 | 131,361 | 44.2 | 59,039 | 19.9 | 5,386 | 1.8 |
| Ohio | 1,340,917 | 30.7 | 1,208,769 | 27.7 | 1,236,981 | 28.3 | 578,148 | 13.2 |
| Oklahoma | 282,060 | 19.4 | 342,601 | 23.6 | 531,498 | 36.6 | 294,606 | 20.3 |
| Oregon | 445,828 | 28.3 | 410,806 | 26.0 | 559,546 | 35.5 | 161,780 | 10.3 |
| Pennsylvania | 1,489,058 | 30.4 | 1,494,904 | 30.5 | 1,363,116 | 27.9 | 546,430 | 11.2 |
| Puerto Rico | 33,582 | 2.7 | 61,046 | 4.8 | 313,867 | 24.9 | 852,985 | 67.6 |
| Rhode Island | 107,446 | 26.4 | 120,633 | 29.7 | 102,757 | 25.3 | 75,452 | 18.6 |
| South Carolina | 424,645 | 23.0 | 353,737 | 19.1 | 575,015 | 31.1 | 493,867 | 26.7 |
| South Dakota | 104,428 | 32.0 | 120,454 | 36.9 | 73,818 | 22.6 | 27,538 | 8.4 |
| Tennessee | 509,528 | 20.6 | 451,195 | 18.2 | 913,485 | 36.9 | 602,873 | 24.3 |
| Texas | 2,176,177 | 21.5 | 1,694,467 | 16.7 | 2,491,406 | 24.6 | 3,767,784 | 37.2 |
| Utah | 456,270 | 43.0 | 268,144 | 25.3 | 232,670 | 21.9 | 103,557 | 9.8 |
| Vermont | 91,801 | 37.2 | 99,090 | 40.1 | 53,762 | 21.8 | 2,304 | 0.9 |
| Virginia | 1,011,618 | 31.8 | 714,195 | 22.4 | 967,401 | 30.4 | 491,274 | 15.4 |
| Washington | 1,025,702 | 36.5 | 768,734 | 27.4 | 750,412 | 26.7 | 265,075 | 9.4 |
| West Virginia | 92,371 | 13.0 | 129,576 | 18.2 | 355,029 | 49.8 | 135,817 | 19.1 |
| Wisconsin | 874,925 | 39.5 | 734,972 | 33.2 | 462,569 | 20.9 | 140,326 | 6.3 |
| Wyoming | 78,788 | 34.9 | 89,735 | 39.7 | 52,700 | 23.3 | 4,692 | 2.1 |
| Total | 34,060,750 | 27.8 | 27,827,594 | 22.7 | 33,183,954 | 27.1 | 27,587,799 | 22.5 |

Table S2. Adults with less than high school diploma, by sex at birth and area of residence, 2014–2018 5-year ACS estimates—census tract level, United States and Puerto Rico (cont)

| Area of residence | Less than high school diploma (%) | | | | | | | |
|----------------------|-----------------------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|
| | <6 | | 6.00–9.99 | | 10.00–17.99 | | ≥18 | |
| | No. | % ^b | No. | % ^b | No. | % ^b | No. | % ^b |
| | Female | | | | | | | |
| Alabama | 334,133 | 17.0 | 329,318 | 16.7 | 680,850 | 34.6 | 626,295 | 31.8 |
| Alaska | 97,833 | 37.3 | 87,334 | 33.3 | 65,310 | 24.9 | 12,014 | 4.6 |
| Arizona | 850,609 | 31.6 | 534,176 | 19.8 | 641,506 | 23.8 | 666,265 | 24.7 |
| Arkansas | 176,357 | 15.0 | 203,727 | 17.3 | 519,422 | 44.1 | 278,093 | 23.6 |
| California | 3,864,628 | 25.3 | 2,606,712 | 17.1 | 3,403,921 | 22.3 | 5,382,099 | 35.3 |
| Colorado | 1,019,635 | 47.8 | 442,317 | 20.7 | 423,444 | 19.8 | 249,864 | 11.7 |
| Connecticut | 592,378 | 40.4 | 375,958 | 25.6 | 317,032 | 21.6 | 181,342 | 12.4 |
| Delaware | 101,859 | 26.1 | 113,350 | 29.1 | 128,517 | 33.0 | 45,928 | 11.8 |
| District of Columbia | 124,777 | 41.7 | 37,915 | 12.7 | 95,299 | 31.8 | 41,365 | 13.8 |
| Florida | 2,128,377 | 25.1 | 2,019,089 | 23.8 | 2,567,140 | 30.2 | 1,781,674 | 21.0 |
| Georgia | 760,614 | 18.7 | 824,640 | 20.3 | 1,396,991 | 34.4 | 1,076,294 | 26.5 |
| Hawaii | 231,850 | 41.5 | 161,683 | 28.9 | 138,839 | 24.8 | 26,726 | 4.8 |
| Idaho | 186,897 | 29.8 | 196,513 | 31.3 | 177,606 | 28.3 | 66,296 | 10.6 |
| Illinois | 1,670,038 | 32.8 | 1,302,437 | 25.6 | 1,236,973 | 24.3 | 882,768 | 17.3 |
| Indiana | 526,655 | 20.3 | 708,947 | 27.3 | 940,397 | 36.2 | 421,719 | 16.2 |
| Iowa | 497,296 | 40.7 | 422,301 | 34.6 | 207,833 | 17.0 | 93,250 | 7.6 |
| Kansas | 431,963 | 38.9 | 315,298 | 28.4 | 237,577 | 21.4 | 125,036 | 11.3 |
| Kentucky | 314,440 | 17.9 | 295,337 | 16.8 | 621,229 | 35.3 | 529,681 | 30.1 |
| Louisiana | 245,382 | 13.3 | 311,347 | 16.9 | 636,594 | 34.6 | 646,708 | 35.1 |
| Maine | 198,956 | 35.7 | 198,358 | 35.6 | 150,912 | 27.1 | 8,321 | 1.5 |
| Maryland | 838,008 | 34.4 | 703,550 | 28.9 | 585,742 | 24.1 | 307,498 | 12.6 |
| Massachusetts | 1,228,868 | 43.3 | 654,588 | 23.0 | 550,257 | 19.4 | 407,492 | 14.3 |
| Michigan | 1,246,099 | 31.3 | 1,197,494 | 30.0 | 1,126,436 | 28.3 | 415,854 | 10.4 |
| Minnesota | 984,771 | 45.9 | 697,668 | 32.5 | 343,963 | 16.0 | 118,348 | 5.5 |
| Mississippi | 103,336 | 8.7 | 178,727 | 15.1 | 464,500 | 39.2 | 439,366 | 37.0 |
| Missouri | 663,037 | 27.3 | 592,650 | 24.4 | 855,382 | 35.3 | 314,631 | 13.0 |
| Montana | 162,579 | 40.0 | 150,763 | 37.0 | 82,689 | 20.3 | 10,910 | 2.7 |
| Nebraska | 295,249 | 40.7 | 226,740 | 31.3 | 130,115 | 17.9 | 72,849 | 10.0 |
| Nevada | 221,989 | 19.7 | 306,633 | 27.2 | 319,649 | 28.4 | 277,561 | 24.7 |
| New Hampshire | 232,369 | 42.2 | 208,521 | 37.9 | 90,414 | 16.4 | 18,849 | 3.4 |
| New Jersey | 1,324,404 | 37.0 | 931,326 | 26.0 | 782,462 | 21.9 | 541,407 | 15.1 |
| New Mexico | 173,692 | 21.3 | 135,033 | 16.6 | 227,983 | 28.0 | 277,678 | 34.1 |
| New York | 2,171,992 | 26.9 | 1,740,723 | 21.6 | 2,081,524 | 25.8 | 2,079,513 | 25.8 |
| North Carolina | 942,366 | 23.0 | 755,808 | 18.5 | 1,403,006 | 34.3 | 987,614 | 24.2 |
| North Dakota | 98,604 | 35.0 | 121,458 | 43.1 | 56,336 | 20.0 | 5,208 | 1.8 |
| Ohio | 1,433,496 | 30.8 | 1,307,764 | 28.1 | 1,334,810 | 28.7 | 582,826 | 12.5 |
| Oklahoma | 297,819 | 19.7 | 369,429 | 24.5 | 555,782 | 36.8 | 285,636 | 18.9 |
| Oregon | 469,350 | 28.7 | 432,926 | 26.5 | 573,839 | 35.1 | 159,690 | 9.8 |
| Pennsylvania | 1,616,744 | 31.0 | 1,598,382 | 30.6 | 1,444,766 | 27.7 | 562,451 | 10.8 |
| Puerto Rico | 40,266 | 2.8 | 75,260 | 5.2 | 378,180 | 26.3 | 943,810 | 65.7 |
| Rhode Island | 115,273 | 26.1 | 134,269 | 30.4 | 112,519 | 25.5 | 79,393 | 18.0 |
| South Carolina | 457,140 | 22.7 | 388,902 | 19.3 | 640,655 | 31.8 | 525,713 | 26.1 |
| South Dakota | 104,588 | 32.2 | 123,454 | 38.0 | 70,587 | 21.7 | 26,356 | 8.1 |
| Tennessee | 561,793 | 21.0 | 493,697 | 18.5 | 986,312 | 36.9 | 630,812 | 23.6 |
| Texas | 2,291,981 | 21.9 | 1,804,286 | 17.2 | 2,652,304 | 25.4 | 3,714,104 | 35.5 |
| Utah | 459,703 | 43.1 | 274,358 | 25.7 | 233,816 | 21.9 | 97,783 | 9.2 |
| Vermont | 97,681 | 37.6 | 103,075 | 39.7 | 56,750 | 21.9 | 2,168 | 0.8 |
| Virginia | 1,059,151 | 31.5 | 762,843 | 22.7 | 1,041,782 | 31.0 | 498,083 | 14.8 |
| Washington | 1,047,995 | 36.8 | 791,702 | 27.8 | 755,964 | 26.5 | 255,877 | 9.0 |
| West Virginia | 95,289 | 12.8 | 136,099 | 18.3 | 372,391 | 50.1 | 139,109 | 18.7 |
| Wisconsin | 912,874 | 40.1 | 756,137 | 33.2 | 463,956 | 20.4 | 143,692 | 6.3 |
| Wyoming | 77,234 | 35.4 | 86,596 | 39.7 | 49,991 | 22.9 | 4,381 | 2.0 |
| Total | 36,180,417 | 28.0 | 29,727,618 | 23.0 | 35,412,254 | 27.4 | 28,068,400 | 21.7 |

Table S2. Adults with less than high school diploma, by sex at birth and area of residence, 2014–2018 5-year ACS estimates—census tract level, United States and Puerto Rico (cont)

| Area of residence | Less than high school diploma (%) | | | | | | | | | | | |
|----------------------|-----------------------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|
| | <6 | | | 6.00–9.99 | | | 10.00–17.99 | | | ≥18 | | |
| | No. | % ^c | % ^d | No. | % ^c | % ^d | No. | % ^c | % ^d | No. | % ^c | % ^d |
| | Total | | | | | | | | | | | |
| Alabama | 638,548 | 17.0 | 0.9 | 624,667 | 16.6 | 1.1 | 1,287,944 | 34.2 | 1.9 | 1,214,728 | 32.3 | 2.2 |
| Alaska | 206,178 | 37.3 | 0.3 | 183,137 | 33.2 | 0.3 | 136,726 | 24.8 | 0.2 | 26,337 | 4.8 | 0.0 |
| Arizona | 1,646,294 | 31.0 | 2.3 | 1,038,154 | 19.5 | 1.8 | 1,265,741 | 23.8 | 1.8 | 1,362,713 | 25.6 | 2.4 |
| Arkansas | 341,125 | 14.9 | 0.5 | 385,257 | 16.9 | 0.7 | 1,012,703 | 44.3 | 1.5 | 545,643 | 23.9 | 1.0 |
| California | 7,542,761 | 25.1 | 10.7 | 5,081,805 | 16.9 | 8.8 | 6,658,421 | 22.1 | 9.7 | 10,792,118 | 35.9 | 19.4 |
| Colorado | 2,025,885 | 47.4 | 2.9 | 882,483 | 20.7 | 1.5 | 847,072 | 19.8 | 1.2 | 515,882 | 12.1 | 0.9 |
| Connecticut | 1,147,188 | 40.6 | 1.6 | 719,862 | 25.4 | 1.3 | 609,733 | 21.6 | 0.9 | 352,096 | 12.4 | 0.6 |
| Delaware | 194,458 | 26.1 | 0.3 | 215,256 | 28.9 | 0.4 | 243,044 | 32.6 | 0.4 | 93,311 | 12.5 | 0.2 |
| District of Columbia | 236,583 | 42.0 | 0.3 | 72,850 | 12.9 | 0.1 | 174,636 | 31.0 | 0.3 | 78,692 | 14.0 | 0.1 |
| Florida | 4,084,606 | 24.8 | 5.8 | 3,862,871 | 23.5 | 6.7 | 4,934,385 | 30.0 | 7.2 | 3,567,725 | 21.7 | 6.4 |
| Georgia | 1,474,332 | 18.9 | 2.1 | 1,564,724 | 20.1 | 2.7 | 2,642,604 | 33.9 | 3.9 | 2,114,529 | 27.1 | 3.8 |
| Hawaii | 469,302 | 42.1 | 0.7 | 317,200 | 28.4 | 0.6 | 274,750 | 24.6 | 0.4 | 54,276 | 4.9 | 0.1 |
| Idaho | 369,098 | 29.6 | 0.5 | 388,127 | 31.1 | 0.7 | 356,804 | 28.6 | 0.5 | 134,604 | 10.8 | 0.2 |
| Illinois | 3,241,951 | 32.8 | 4.6 | 2,506,886 | 25.3 | 4.4 | 2,374,033 | 24.0 | 3.5 | 1,772,066 | 17.9 | 3.2 |
| Indiana | 1,024,925 | 20.2 | 1.5 | 1,378,635 | 27.2 | 2.4 | 1,829,467 | 36.1 | 2.7 | 830,106 | 16.4 | 1.5 |
| Iowa | 974,075 | 40.5 | 1.4 | 831,373 | 34.6 | 1.4 | 411,562 | 17.1 | 0.6 | 185,457 | 7.7 | 0.3 |
| Kansas | 848,598 | 38.7 | 1.2 | 622,393 | 28.4 | 1.1 | 467,028 | 21.3 | 0.7 | 255,212 | 11.6 | 0.5 |
| Kentucky | 608,072 | 17.7 | 0.9 | 570,427 | 16.6 | 1.0 | 1,213,403 | 35.4 | 1.8 | 1,036,283 | 30.2 | 1.9 |
| Louisiana | 472,549 | 13.3 | 0.7 | 595,969 | 16.8 | 1.0 | 1,218,427 | 34.3 | 1.8 | 1,268,197 | 35.7 | 2.3 |
| Maine | 380,193 | 35.3 | 0.5 | 385,393 | 35.7 | 0.7 | 295,316 | 27.4 | 0.4 | 17,250 | 1.6 | 0.0 |
| Maryland | 1,593,418 | 34.2 | 2.3 | 1,337,866 | 28.7 | 2.3 | 1,111,996 | 23.9 | 1.6 | 615,978 | 13.2 | 1.1 |
| Massachusetts | 2,344,043 | 43.0 | 3.3 | 1,255,446 | 23.0 | 2.2 | 1,063,974 | 19.5 | 1.6 | 786,833 | 14.4 | 1.4 |
| Michigan | 2,426,418 | 31.3 | 3.5 | 2,322,368 | 29.9 | 4.0 | 2,195,022 | 28.3 | 3.2 | 817,582 | 10.5 | 1.5 |
| Minnesota | 1,927,883 | 45.5 | 2.7 | 1,388,086 | 32.8 | 2.4 | 681,596 | 16.1 | 1.0 | 238,186 | 5.6 | 0.4 |
| Mississippi | 198,129 | 8.7 | 0.3 | 335,384 | 14.8 | 0.6 | 886,154 | 39.1 | 1.3 | 848,787 | 37.4 | 1.5 |
| Missouri | 1,284,626 | 27.3 | 1.8 | 1,139,928 | 24.2 | 2.0 | 1,654,545 | 35.2 | 2.4 | 625,900 | 13.3 | 1.1 |
| Montana | 325,372 | 40.0 | 0.5 | 299,879 | 36.8 | 0.5 | 166,862 | 20.5 | 0.2 | 22,027 | 2.7 | 0.0 |
| Nebraska | 577,564 | 40.3 | 0.8 | 444,548 | 31.0 | 0.8 | 260,428 | 18.2 | 0.4 | 149,702 | 10.5 | 0.3 |
| Nevada | 433,603 | 19.3 | 0.6 | 597,767 | 26.6 | 1.0 | 636,637 | 28.3 | 0.9 | 580,366 | 25.8 | 1.0 |
| New Hampshire | 456,004 | 42.2 | 0.6 | 408,921 | 37.8 | 0.7 | 178,407 | 16.5 | 0.3 | 37,727 | 3.5 | 0.1 |
| New Jersey | 2,546,602 | 36.9 | 3.6 | 1,787,146 | 25.9 | 3.1 | 1,505,508 | 21.8 | 2.2 | 1,069,187 | 15.5 | 1.9 |
| New Mexico | 336,163 | 21.0 | 0.5 | 259,059 | 16.2 | 0.5 | 447,219 | 28.0 | 0.7 | 555,829 | 34.8 | 1.0 |
| New York | 4,160,654 | 26.9 | 5.9 | 3,350,427 | 21.6 | 5.8 | 3,990,359 | 25.8 | 5.8 | 3,975,380 | 25.7 | 7.1 |
| North Carolina | 1,820,751 | 23.2 | 2.6 | 1,445,862 | 18.4 | 2.5 | 2,687,891 | 34.2 | 3.9 | 1,908,504 | 24.3 | 3.4 |
| North Dakota | 199,695 | 34.5 | 0.3 | 252,819 | 43.7 | 0.4 | 115,375 | 19.9 | 0.2 | 10,594 | 1.8 | 0.0 |
| Ohio | 2,774,413 | 30.7 | 3.9 | 2,516,533 | 27.9 | 4.4 | 2,571,791 | 28.5 | 3.7 | 1,160,974 | 12.9 | 2.1 |
| Oklahoma | 579,879 | 19.6 | 0.8 | 712,030 | 24.1 | 1.2 | 1,087,280 | 36.7 | 1.6 | 580,242 | 19.6 | 1.0 |
| Oregon | 915,178 | 28.5 | 1.3 | 843,732 | 26.3 | 1.5 | 1,133,385 | 35.3 | 1.7 | 321,470 | 10.0 | 0.6 |
| Pennsylvania | 3,105,802 | 30.7 | 4.4 | 3,093,286 | 30.6 | 5.4 | 2,807,882 | 27.8 | 4.1 | 1,108,881 | 11.0 | 2.0 |
| Puerto Rico | 73,848 | 2.7 | 0.1 | 136,306 | 5.1 | 0.2 | 692,047 | 25.6 | 1.0 | 1,796,795 | 66.6 | 3.2 |
| Rhode Island | 222,719 | 26.3 | 0.3 | 254,902 | 30.1 | 0.4 | 215,276 | 25.4 | 0.3 | 154,845 | 18.3 | 0.3 |
| South Carolina | 881,785 | 22.8 | 1.3 | 742,639 | 19.2 | 1.3 | 1,215,670 | 31.5 | 1.8 | 1,019,580 | 26.4 | 1.8 |
| South Dakota | 209,016 | 32.1 | 0.3 | 243,908 | 37.5 | 0.4 | 144,405 | 22.2 | 0.2 | 53,894 | 8.3 | 0.1 |
| Tennessee | 1,071,321 | 20.8 | 1.5 | 944,892 | 18.3 | 1.6 | 1,899,797 | 36.9 | 2.8 | 1,233,685 | 24.0 | 2.2 |
| Texas | 4,468,158 | 21.7 | 6.4 | 3,498,753 | 17.0 | 6.1 | 5,143,710 | 25.0 | 7.5 | 7,481,888 | 36.3 | 13.4 |
| Utah | 915,973 | 43.1 | 1.3 | 542,502 | 25.5 | 0.9 | 466,486 | 21.9 | 0.7 | 201,340 | 9.5 | 0.4 |
| Vermont | 189,482 | 37.4 | 0.3 | 202,165 | 39.9 | 0.4 | 110,512 | 21.8 | 0.2 | 4,472 | 0.9 | 0.0 |
| Virginia | 2,070,769 | 31.6 | 2.9 | 1,477,038 | 22.6 | 2.6 | 2,009,183 | 30.7 | 2.9 | 989,357 | 15.1 | 1.8 |
| Washington | 2,073,697 | 36.6 | 3.0 | 1,560,436 | 27.6 | 2.7 | 1,506,376 | 26.6 | 2.2 | 520,952 | 9.2 | 0.9 |
| West Virginia | 187,660 | 12.9 | 0.3 | 265,675 | 18.3 | 0.5 | 727,420 | 50.0 | 1.1 | 274,926 | 18.9 | 0.5 |
| Wisconsin | 1,787,799 | 39.8 | 2.5 | 1,491,109 | 33.2 | 2.6 | 926,525 | 20.6 | 1.4 | 284,018 | 6.3 | 0.5 |
| Wyoming | 156,022 | 35.1 | 0.2 | 176,331 | 39.7 | 0.3 | 102,691 | 23.1 | 0.1 | 9,073 | 2.0 | 0.0 |
| Total | 70,241,167 | 27.9 | 100 | 57,555,212 | 22.8 | 100 | 68,596,208 | 27.2 | 100 | 55,656,199 | 22.1 | 100 |

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

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 at birth and area of residence, 2014–2018 5-year ACS estimates—census tract level, United States and Puerto Rico

| Area of residence | Median household income (U.S. \$) | | | | | | | |
|----------------------|-----------------------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|
| | <42,000 | | 42,000–56,999 | | 57,000–77,999 | | ≥78,000 | |
| | No. | % ^a | No. | % ^a | No. | % ^a | No. | % ^a |
| | Male | | | | | | | |
| Alabama | 642,323 | 35.8 | 578,511 | 32.2 | 356,883 | 19.9 | 216,389 | 12.1 |
| Alaska | 16,516 | 5.7 | 39,536 | 13.8 | 87,352 | 30.4 | 144,110 | 50.1 |
| Arizona | 697,807 | 26.8 | 685,695 | 26.3 | 633,841 | 24.3 | 589,846 | 22.6 |
| Arkansas | 434,763 | 39.4 | 400,954 | 36.3 | 209,185 | 18.9 | 59,797 | 5.4 |
| California | 1,929,210 | 13.1 | 2,808,400 | 19.1 | 3,629,094 | 24.6 | 6,360,752 | 43.2 |
| Colorado | 229,279 | 10.8 | 454,368 | 21.4 | 611,524 | 28.8 | 825,086 | 38.9 |
| Connecticut | 156,051 | 11.5 | 155,966 | 11.5 | 316,031 | 23.3 | 727,022 | 53.7 |
| Delaware | 22,400 | 6.3 | 98,158 | 27.5 | 134,207 | 37.7 | 101,650 | 28.5 |
| District of Columbia | 40,751 | 15.6 | 24,871 | 9.5 | 31,685 | 12.1 | 164,309 | 62.8 |
| Florida | 2,103,201 | 26.5 | 2,467,886 | 31.1 | 1,996,019 | 25.2 | 1,365,239 | 17.2 |
| Georgia | 971,201 | 26.0 | 975,281 | 26.1 | 926,651 | 24.8 | 857,217 | 23.0 |
| Hawaii | 30,489 | 5.5 | 63,330 | 11.4 | 157,561 | 28.4 | 303,399 | 54.7 |
| Idaho | 117,509 | 18.9 | 262,215 | 42.2 | 187,934 | 30.2 | 53,663 | 8.6 |
| Illinois | 763,742 | 15.9 | 1,119,551 | 23.3 | 1,360,761 | 28.3 | 1,556,081 | 32.4 |
| Indiana | 553,366 | 22.5 | 739,020 | 30.1 | 752,857 | 30.7 | 410,358 | 16.7 |
| Iowa | 142,823 | 12.1 | 412,672 | 35.0 | 453,566 | 38.5 | 169,617 | 14.4 |
| Kansas | 210,538 | 19.5 | 354,081 | 32.7 | 268,335 | 24.8 | 248,256 | 23.0 |
| Kentucky | 640,744 | 38.6 | 452,756 | 27.3 | 374,204 | 22.6 | 190,827 | 11.5 |
| Louisiana | 614,564 | 35.9 | 473,083 | 27.6 | 421,824 | 24.6 | 202,376 | 11.8 |
| Maine | 107,544 | 20.6 | 144,622 | 27.7 | 203,500 | 39.0 | 65,939 | 12.6 |
| Maryland | 148,863 | 6.7 | 282,988 | 12.8 | 511,809 | 23.2 | 1,261,974 | 57.2 |
| Massachusetts | 243,233 | 9.3 | 344,430 | 13.2 | 601,549 | 23.1 | 1,415,115 | 54.3 |
| Michigan | 876,121 | 23.4 | 1,066,447 | 28.4 | 1,063,997 | 28.4 | 744,103 | 19.8 |
| Minnesota | 186,253 | 8.9 | 440,748 | 21.1 | 745,572 | 35.7 | 716,285 | 34.3 |
| Mississippi | 513,025 | 47.4 | 312,092 | 28.8 | 190,911 | 17.6 | 66,374 | 6.1 |
| Missouri | 581,953 | 25.5 | 729,281 | 32.0 | 574,966 | 25.2 | 392,196 | 17.2 |
| Montana | 90,871 | 22.3 | 146,857 | 36.1 | 148,831 | 36.6 | 20,066 | 4.9 |
| Nebraska | 79,873 | 11.4 | 254,302 | 36.2 | 228,052 | 32.4 | 140,859 | 20.0 |
| Nevada | 255,464 | 22.8 | 242,586 | 21.6 | 382,546 | 34.1 | 241,932 | 21.6 |
| New Hampshire | 28,249 | 5.3 | 84,519 | 15.9 | 179,489 | 33.8 | 238,649 | 45.0 |
| New Jersey | 320,147 | 9.7 | 399,866 | 12.1 | 780,611 | 23.5 | 1,815,236 | 54.7 |
| New Mexico | 299,612 | 39.0 | 214,118 | 27.9 | 174,629 | 22.7 | 79,986 | 10.4 |
| New York | 1,171,801 | 15.9 | 1,502,387 | 20.4 | 1,896,118 | 25.8 | 2,780,236 | 37.8 |
| North Carolina | 1,082,025 | 28.8 | 1,262,636 | 33.7 | 821,086 | 21.9 | 586,113 | 15.6 |
| North Dakota | 36,809 | 12.4 | 68,050 | 22.9 | 113,160 | 38.1 | 78,858 | 26.6 |
| Ohio | 1,019,950 | 23.5 | 1,177,344 | 27.1 | 1,326,089 | 30.5 | 818,587 | 18.9 |
| Oklahoma | 424,469 | 29.3 | 512,270 | 35.4 | 323,621 | 22.3 | 188,261 | 13.0 |
| Oregon | 252,523 | 16.0 | 458,991 | 29.1 | 549,244 | 34.8 | 317,202 | 20.1 |
| Pennsylvania | 823,900 | 16.9 | 1,319,738 | 27.1 | 1,524,411 | 31.3 | 1,194,935 | 24.6 |
| Puerto Rico | 1,188,401 | 94.4 | 57,849 | 4.6 | 9,966 | 0.8 | 3,135 | 0.2 |
| Rhode Island | 67,054 | 16.5 | 82,011 | 20.2 | 117,627 | 29.0 | 139,596 | 34.4 |
| South Carolina | 586,867 | 32.1 | 526,208 | 28.8 | 468,254 | 25.6 | 248,293 | 13.6 |
| South Dakota | 57,416 | 17.6 | 109,811 | 33.7 | 115,632 | 35.4 | 43,379 | 13.3 |
| Tennessee | 795,291 | 32.2 | 784,763 | 31.8 | 543,065 | 22.0 | 344,185 | 13.9 |
| Texas | 2,283,760 | 22.7 | 2,520,292 | 25.0 | 2,552,942 | 25.3 | 2,720,063 | 27.0 |
| Utah | 95,835 | 9.1 | 218,743 | 20.7 | 353,470 | 33.4 | 390,414 | 36.9 |
| Vermont | 20,696 | 8.4 | 80,376 | 32.5 | 115,234 | 46.7 | 30,651 | 12.4 |
| Virginia | 417,112 | 13.2 | 684,021 | 21.6 | 684,915 | 21.6 | 1,383,202 | 43.6 |
| Washington | 235,320 | 8.4 | 589,413 | 21.0 | 845,922 | 30.2 | 1,130,510 | 40.4 |
| West Virginia | 298,295 | 41.9 | 271,484 | 38.1 | 113,864 | 16.0 | 28,679 | 4.0 |
| Wisconsin | 297,198 | 13.4 | 679,477 | 30.7 | 772,101 | 34.9 | 462,911 | 20.9 |
| Wyoming | 15,531 | 6.9 | 70,898 | 31.4 | 88,830 | 39.3 | 50,656 | 22.4 |
| Total | 25,218,738 | 20.6 | 30,205,952 | 24.7 | 32,031,527 | 26.2 | 34,684,574 | 28.4 |

Table S3. Median household income among adults, by sex at birth and area of residence, 2014–2018 5-year ACS estimates—census tract level, United States and Puerto Rico (cont)

| Area of residence | Median household income (U.S. \$) | | | | | | | |
|----------------------|-----------------------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|
| | <42,000 | | 42,000–56,999 | | 57,000–77,999 | | ≥78,000 | |
| | No. | % ^b | No. | % ^b | No. | % ^b | No. | % ^b |
| | Female | | | | | | | |
| Alabama | 724,612 | 36.8 | 626,501 | 31.8 | 385,596 | 19.6 | 231,757 | 11.8 |
| Alaska | 13,700 | 5.2 | 33,887 | 12.9 | 78,535 | 30.0 | 135,885 | 51.9 |
| Arizona | 697,280 | 25.9 | 697,313 | 25.9 | 669,249 | 24.9 | 625,404 | 23.3 |
| Arkansas | 470,513 | 40.0 | 421,791 | 35.8 | 221,535 | 18.8 | 62,882 | 5.3 |
| California | 1,998,557 | 13.1 | 2,872,183 | 18.8 | 3,763,245 | 24.7 | 6,609,650 | 43.4 |
| Colorado | 229,386 | 10.8 | 451,373 | 21.2 | 613,499 | 28.8 | 837,748 | 39.3 |
| Connecticut | 174,510 | 11.9 | 175,044 | 11.9 | 341,595 | 23.3 | 774,406 | 52.8 |
| Delaware | 25,984 | 6.7 | 110,666 | 28.4 | 146,708 | 37.7 | 106,296 | 27.3 |
| District of Columbia | 54,674 | 18.4 | 30,065 | 10.1 | 35,755 | 12.0 | 176,848 | 59.5 |
| Florida | 2,239,790 | 26.4 | 2,656,286 | 31.3 | 2,141,014 | 25.2 | 1,445,687 | 17.0 |
| Georgia | 1,078,838 | 26.6 | 1,064,573 | 26.2 | 1,000,895 | 24.7 | 913,347 | 22.5 |
| Hawaii | 30,690 | 5.5 | 61,972 | 11.1 | 156,097 | 27.9 | 310,134 | 55.5 |
| Idaho | 117,268 | 18.7 | 266,977 | 42.6 | 187,115 | 29.8 | 55,952 | 8.9 |
| Illinois | 849,905 | 16.7 | 1,173,836 | 23.1 | 1,432,633 | 28.1 | 1,635,773 | 32.1 |
| Indiana | 612,176 | 23.6 | 772,926 | 29.8 | 778,491 | 30.0 | 428,348 | 16.5 |
| Iowa | 142,943 | 11.7 | 430,699 | 35.3 | 468,179 | 38.4 | 176,635 | 14.5 |
| Kansas | 211,137 | 19.1 | 362,720 | 32.7 | 276,390 | 25.0 | 257,492 | 23.2 |
| Kentucky | 690,570 | 39.3 | 474,286 | 27.0 | 392,235 | 22.3 | 197,908 | 11.3 |
| Louisiana | 688,345 | 37.4 | 492,942 | 26.8 | 440,550 | 24.0 | 217,029 | 11.8 |
| Maine | 113,239 | 20.3 | 154,698 | 27.8 | 216,758 | 38.9 | 71,852 | 12.9 |
| Maryland | 178,970 | 7.4 | 325,917 | 13.4 | 567,883 | 23.3 | 1,360,682 | 55.9 |
| Massachusetts | 279,914 | 9.9 | 374,237 | 13.2 | 654,716 | 23.1 | 1,529,362 | 53.9 |
| Michigan | 961,625 | 24.2 | 1,125,019 | 28.3 | 1,120,147 | 28.2 | 769,059 | 19.3 |
| Minnesota | 193,518 | 9.0 | 454,333 | 21.2 | 756,858 | 35.3 | 738,928 | 34.5 |
| Mississippi | 575,481 | 48.5 | 332,617 | 28.0 | 204,883 | 17.3 | 72,913 | 6.1 |
| Missouri | 643,998 | 26.6 | 758,260 | 31.3 | 610,014 | 25.2 | 411,983 | 17.0 |
| Montana | 89,805 | 22.1 | 147,248 | 36.2 | 150,532 | 37.0 | 19,353 | 4.8 |
| Nebraska | 82,757 | 11.5 | 261,150 | 36.2 | 229,797 | 31.8 | 147,933 | 20.5 |
| Nevada | 238,728 | 21.2 | 246,799 | 21.9 | 388,689 | 34.5 | 251,616 | 22.3 |
| New Hampshire | 27,765 | 5.0 | 88,849 | 16.1 | 184,682 | 33.6 | 248,857 | 45.2 |
| New Jersey | 364,111 | 10.2 | 435,641 | 12.2 | 829,548 | 23.2 | 1,949,157 | 54.5 |
| New Mexico | 308,274 | 38.6 | 225,428 | 28.2 | 181,545 | 22.7 | 83,812 | 10.5 |
| New York | 1,393,371 | 17.3 | 1,617,006 | 20.1 | 2,017,103 | 25.1 | 3,015,136 | 37.5 |
| North Carolina | 1,207,807 | 29.6 | 1,347,833 | 33.0 | 893,947 | 21.9 | 634,179 | 15.5 |
| North Dakota | 32,919 | 11.7 | 67,172 | 23.9 | 107,309 | 38.1 | 74,206 | 26.4 |
| Ohio | 1,142,214 | 24.6 | 1,258,844 | 27.1 | 1,391,167 | 29.9 | 858,532 | 18.5 |
| Oklahoma | 440,164 | 29.2 | 531,382 | 35.2 | 338,729 | 22.5 | 197,788 | 13.1 |
| Oregon | 258,626 | 15.8 | 477,188 | 29.2 | 570,686 | 34.9 | 329,305 | 20.1 |
| Pennsylvania | 934,612 | 17.9 | 1,397,743 | 26.8 | 1,603,349 | 30.8 | 1,275,706 | 24.5 |
| Puerto Rico | 1,354,602 | 94.2 | 67,657 | 4.7 | 11,080 | 0.8 | 4,050 | 0.3 |
| Rhode Island | 71,902 | 16.3 | 91,797 | 20.8 | 130,277 | 29.5 | 147,478 | 33.4 |
| South Carolina | 664,878 | 33.2 | 564,732 | 28.2 | 505,925 | 25.3 | 267,614 | 13.4 |
| South Dakota | 57,887 | 17.8 | 108,094 | 33.3 | 112,904 | 34.7 | 46,100 | 14.2 |
| Tennessee | 875,750 | 32.8 | 833,384 | 31.2 | 583,285 | 21.9 | 374,749 | 14.1 |
| Texas | 2,387,448 | 22.9 | 2,571,406 | 24.6 | 2,637,951 | 25.3 | 2,850,158 | 27.3 |
| Utah | 93,690 | 8.8 | 216,057 | 20.3 | 363,739 | 34.1 | 392,043 | 36.8 |
| Vermont | 21,605 | 8.3 | 85,110 | 32.8 | 121,340 | 46.7 | 31,619 | 12.2 |
| Virginia | 460,342 | 13.7 | 719,923 | 21.4 | 728,433 | 21.7 | 1,447,608 | 43.1 |
| Washington | 241,281 | 8.5 | 595,146 | 20.9 | 860,163 | 30.2 | 1,151,730 | 40.4 |
| West Virginia | 312,841 | 42.1 | 283,324 | 38.2 | 116,982 | 15.8 | 29,286 | 3.9 |
| Wisconsin | 322,208 | 14.2 | 696,982 | 30.6 | 785,001 | 34.5 | 472,468 | 20.8 |
| Wyoming | 15,211 | 7.0 | 69,179 | 31.7 | 85,927 | 39.4 | 47,885 | 21.9 |
| Total | 27,398,421 | 21.2 | 31,706,195 | 24.5 | 33,590,665 | 26.0 | 36,502,328 | 28.3 |

Table S3. Median household income among adults, by sex at birth and area of residence, 2014–2018 5-year ACS estimates—census tract level, United States and Puerto Rico (cont)

| Area of residence | Median household income (U.S. \$) | | | | | | | | | | | |
|----------------------|-----------------------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|
| | <42,000 | | | 42,000–56,999 | | | 57,000–77,999 | | | ≥78,000 | | |
| | No. | % ^c | % ^d | No. | % ^c | % ^d | No. | % ^c | % ^d | No. | % ^c | % ^d |
| | Total | | | | | | | | | | | |
| Alabama | 1,366,935 | 36.3 | 2.6 | 1,205,012 | 32.0 | 1.9 | 742,479 | 19.7 | 1.1 | 448,146 | 11.9 | 0.6 |
| Alaska | 30,216 | 5.5 | 0.1 | 73,423 | 13.4 | 0.1 | 165,887 | 30.2 | 0.3 | 279,995 | 51.0 | 0.4 |
| Arizona | 1,395,087 | 26.3 | 2.7 | 1,383,008 | 26.1 | 2.2 | 1,303,090 | 24.6 | 2.0 | 1,215,250 | 22.9 | 1.7 |
| Arkansas | 905,276 | 39.7 | 1.7 | 822,745 | 36.1 | 1.3 | 430,720 | 18.9 | 0.7 | 122,679 | 5.4 | 0.2 |
| California | 3,927,767 | 13.1 | 7.5 | 5,680,583 | 19.0 | 9.2 | 7,392,339 | 24.7 | 11.3 | 12,970,402 | 43.3 | 18.2 |
| Colorado | 458,665 | 10.8 | 0.9 | 905,741 | 21.3 | 1.5 | 1,225,023 | 28.8 | 1.9 | 1,662,834 | 39.1 | 2.3 |
| Connecticut | 330,561 | 11.7 | 0.6 | 331,010 | 11.7 | 0.5 | 657,626 | 23.3 | 1.0 | 1,501,428 | 53.2 | 2.1 |
| Delaware | 48,384 | 6.5 | 0.1 | 208,824 | 28.0 | 0.3 | 280,915 | 37.7 | 0.4 | 207,946 | 27.9 | 0.3 |
| District of Columbia | 95,425 | 17.1 | 0.2 | 54,936 | 9.8 | 0.1 | 67,440 | 12.1 | 0.1 | 341,157 | 61.0 | 0.5 |
| Florida | 4,342,991 | 26.5 | 8.3 | 5,124,172 | 31.2 | 8.3 | 4,137,033 | 25.2 | 6.3 | 2,810,926 | 17.1 | 3.9 |
| Georgia | 2,050,039 | 26.3 | 3.9 | 2,039,854 | 26.2 | 3.3 | 1,927,546 | 24.8 | 2.9 | 1,770,564 | 22.7 | 2.5 |
| Hawaii | 61,179 | 5.5 | 0.1 | 125,302 | 11.3 | 0.2 | 313,658 | 28.2 | 0.5 | 613,533 | 55.1 | 0.9 |
| Idaho | 234,777 | 18.8 | 0.4 | 529,192 | 42.4 | 0.9 | 375,049 | 30.0 | 0.6 | 109,615 | 8.8 | 0.2 |
| Illinois | 1,613,647 | 16.3 | 3.1 | 2,293,387 | 23.2 | 3.7 | 2,793,394 | 28.2 | 4.3 | 3,191,854 | 32.3 | 4.5 |
| Indiana | 1,165,542 | 23.1 | 2.2 | 1,511,946 | 30.0 | 2.4 | 1,531,348 | 30.3 | 2.3 | 838,706 | 16.6 | 1.2 |
| Iowa | 285,766 | 11.9 | 0.5 | 843,371 | 35.2 | 1.4 | 921,745 | 38.5 | 1.4 | 346,252 | 14.4 | 0.5 |
| Kansas | 421,675 | 19.3 | 0.8 | 716,801 | 32.7 | 1.2 | 544,725 | 24.9 | 0.8 | 505,748 | 23.1 | 0.7 |
| Kentucky | 1,331,314 | 39.0 | 2.5 | 927,042 | 27.2 | 1.5 | 766,439 | 22.5 | 1.2 | 388,735 | 11.4 | 0.5 |
| Louisiana | 1,302,909 | 36.7 | 2.5 | 966,025 | 27.2 | 1.6 | 862,374 | 24.3 | 1.3 | 419,405 | 11.8 | 0.6 |
| Maine | 220,783 | 20.5 | 0.4 | 299,320 | 27.8 | 0.5 | 420,258 | 39.0 | 0.6 | 137,791 | 12.8 | 0.2 |
| Maryland | 327,833 | 7.1 | 0.6 | 608,905 | 13.1 | 1.0 | 1,079,692 | 23.3 | 1.6 | 2,622,656 | 56.5 | 3.7 |
| Massachusetts | 523,147 | 9.6 | 1.0 | 718,667 | 13.2 | 1.2 | 1,256,265 | 23.1 | 1.9 | 2,944,477 | 54.1 | 4.1 |
| Michigan | 1,837,746 | 23.8 | 3.5 | 2,191,466 | 28.4 | 3.5 | 2,184,144 | 28.3 | 3.3 | 1,513,162 | 19.6 | 2.1 |
| Minnesota | 379,771 | 9.0 | 0.7 | 895,081 | 21.1 | 1.4 | 1,502,430 | 35.5 | 2.3 | 1,455,213 | 34.4 | 2.0 |
| Mississippi | 1,088,506 | 48.0 | 2.1 | 644,709 | 28.4 | 1.0 | 395,794 | 17.4 | 0.6 | 139,287 | 6.1 | 0.2 |
| Missouri | 1,225,951 | 26.1 | 2.3 | 1,487,541 | 31.6 | 2.4 | 1,184,980 | 25.2 | 1.8 | 804,179 | 17.1 | 1.1 |
| Montana | 180,676 | 22.2 | 0.3 | 294,105 | 36.2 | 0.5 | 299,363 | 36.8 | 0.5 | 39,419 | 4.8 | 0.1 |
| Nebraska | 162,630 | 11.4 | 0.3 | 515,452 | 36.2 | 0.8 | 457,849 | 32.1 | 0.7 | 288,792 | 20.3 | 0.4 |
| Nevada | 494,192 | 22.0 | 0.9 | 489,385 | 21.8 | 0.8 | 771,235 | 34.3 | 1.2 | 493,548 | 22.0 | 0.7 |
| New Hampshire | 56,014 | 5.2 | 0.1 | 173,368 | 16.0 | 0.3 | 364,171 | 33.7 | 0.6 | 487,506 | 45.1 | 0.7 |
| New Jersey | 684,258 | 9.9 | 1.3 | 835,507 | 12.1 | 1.3 | 1,610,159 | 23.4 | 2.5 | 3,764,393 | 54.6 | 5.3 |
| New Mexico | 607,886 | 38.8 | 1.2 | 439,546 | 28.0 | 0.7 | 356,174 | 22.7 | 0.5 | 163,798 | 10.5 | 0.2 |
| New York | 2,565,172 | 16.7 | 4.9 | 3,119,393 | 20.3 | 5.0 | 3,913,221 | 25.4 | 6.0 | 5,795,372 | 37.6 | 8.1 |
| North Carolina | 2,289,832 | 29.2 | 4.4 | 2,610,469 | 33.3 | 4.2 | 1,715,033 | 21.9 | 2.6 | 1,220,292 | 15.6 | 1.7 |
| North Dakota | 69,728 | 12.1 | 0.1 | 135,222 | 23.4 | 0.2 | 220,469 | 38.1 | 0.3 | 153,064 | 26.5 | 0.2 |
| Ohio | 2,162,164 | 24.0 | 4.1 | 2,436,188 | 27.1 | 3.9 | 2,717,256 | 30.2 | 4.1 | 1,677,119 | 18.6 | 2.4 |
| Oklahoma | 864,633 | 29.2 | 1.6 | 1,043,652 | 35.3 | 1.7 | 662,350 | 22.4 | 1.0 | 386,049 | 13.1 | 0.5 |
| Oregon | 511,149 | 15.9 | 1.0 | 936,179 | 29.1 | 1.5 | 1,119,930 | 34.8 | 1.7 | 646,507 | 20.1 | 0.9 |
| Pennsylvania | 1,758,512 | 17.5 | 3.3 | 2,717,481 | 27.0 | 4.4 | 3,127,760 | 31.0 | 4.8 | 2,470,641 | 24.5 | 3.5 |
| Puerto Rico | 2,543,003 | 94.3 | 4.8 | 125,506 | 4.7 | 0.2 | 21,046 | 0.8 | 0.0 | 7,185 | 0.3 | 0.0 |
| Rhode Island | 138,956 | 16.4 | 0.3 | 173,808 | 20.5 | 0.3 | 247,904 | 29.2 | 0.4 | 287,074 | 33.9 | 0.4 |
| South Carolina | 1,251,745 | 32.7 | 2.4 | 1,090,940 | 28.5 | 1.8 | 974,179 | 25.4 | 1.5 | 515,907 | 13.5 | 0.7 |
| South Dakota | 115,303 | 17.7 | 0.2 | 217,905 | 33.5 | 0.4 | 228,536 | 35.1 | 0.3 | 89,479 | 13.7 | 0.1 |
| Tennessee | 1,671,041 | 32.5 | 3.2 | 1,618,147 | 31.5 | 2.6 | 1,126,350 | 21.9 | 1.7 | 718,934 | 14.0 | 1.0 |
| Texas | 4,671,208 | 22.8 | 8.9 | 5,091,698 | 24.8 | 8.2 | 5,190,893 | 25.3 | 7.9 | 5,570,221 | 27.1 | 7.8 |
| Utah | 189,525 | 8.9 | 0.4 | 434,800 | 20.5 | 0.7 | 717,209 | 33.8 | 1.1 | 782,457 | 36.8 | 1.1 |
| Vermont | 42,301 | 8.3 | 0.1 | 165,486 | 32.7 | 0.3 | 236,574 | 46.7 | 0.4 | 62,270 | 12.3 | 0.1 |
| Virginia | 877,454 | 13.4 | 1.7 | 1,403,944 | 21.5 | 2.3 | 1,413,348 | 21.7 | 2.2 | 2,830,810 | 43.4 | 4.0 |
| Washington | 476,601 | 8.4 | 0.9 | 1,184,559 | 21.0 | 1.9 | 1,706,085 | 30.2 | 2.6 | 2,282,240 | 40.4 | 3.2 |
| West Virginia | 611,136 | 42.0 | 1.2 | 554,808 | 38.1 | 0.9 | 230,846 | 15.9 | 0.4 | 57,965 | 4.0 | 0.1 |
| Wisconsin | 619,406 | 13.8 | 1.2 | 1,376,459 | 30.7 | 2.2 | 1,557,102 | 34.7 | 2.4 | 935,379 | 20.8 | 1.3 |
| Wyoming | 30,742 | 6.9 | 0.1 | 140,077 | 31.5 | 0.2 | 174,757 | 39.3 | 0.3 | 98,541 | 22.2 | 0.1 |
| Total | 52,617,159 | 20.9 | 100 | 61,912,147 | 24.6 | 100 | 65,622,192 | 26.1 | 100 | 71,186,902 | 28.3 | 100 |

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

Note. Median household income (all age groups) in the census tract during the 12 months before the survey response.

- ^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 at birth and area of residence, 2014–2018 5-year ACS estimates—census tract level, United States and Puerto Rico

| Area of residence | Without health insurance (%) | | | | | | | |
|----------------------|------------------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|
| | <5 | | 5.00–8.99 | | 9.00–14.99 | | ≥15 | |
| | No. | % ^a | No. | % ^a | No. | % ^a | No. | % ^a |
| | Male | | | | | | | |
| Alabama | 208,392 | 11.6 | 402,276 | 22.4 | 674,642 | 37.6 | 509,981 | 28.4 |
| Alaska | 23,068 | 8.0 | 27,446 | 9.5 | 90,189 | 31.1 | 149,184 | 51.5 |
| Arizona | 567,938 | 21.7 | 630,247 | 24.1 | 668,412 | 25.6 | 747,064 | 28.6 |
| Arkansas | 120,866 | 10.9 | 391,598 | 35.4 | 415,109 | 37.5 | 179,556 | 16.2 |
| California | 4,075,459 | 27.6 | 3,990,369 | 27.1 | 3,546,791 | 24.1 | 3,129,997 | 21.2 |
| Colorado | 648,935 | 30.5 | 609,283 | 28.7 | 501,393 | 23.6 | 366,373 | 17.2 |
| Connecticut | 808,175 | 59.4 | 265,218 | 19.5 | 167,071 | 12.3 | 119,864 | 8.8 |
| Delaware | 143,931 | 40.4 | 133,576 | 37.5 | 62,729 | 17.6 | 16,179 | 4.5 |
| District of Columbia | 175,213 | 66.5 | 56,433 | 21.4 | 29,114 | 11.1 | 2,645 | 1.0 |
| Florida | 700,866 | 8.8 | 1,306,294 | 16.4 | 2,411,392 | 30.4 | 3,524,190 | 44.4 |
| Georgia | 278,561 | 7.5 | 523,429 | 14.0 | 1,130,683 | 30.3 | 1,801,900 | 48.2 |
| Hawaii | 342,615 | 61.7 | 164,781 | 29.7 | 47,873 | 8.6 | 284 | 0.1 |
| Idaho | 59,493 | 9.6 | 119,325 | 19.2 | 249,369 | 40.1 | 193,134 | 31.1 |
| Illinois | 1,808,042 | 37.6 | 1,307,811 | 27.2 | 920,713 | 19.2 | 765,771 | 15.9 |
| Indiana | 502,751 | 20.4 | 844,166 | 34.2 | 709,300 | 28.8 | 409,198 | 16.6 |
| Iowa | 651,865 | 55.2 | 362,688 | 30.7 | 128,267 | 10.9 | 38,967 | 3.3 |
| Kansas | 266,707 | 24.6 | 313,071 | 28.9 | 290,274 | 26.8 | 213,290 | 19.7 |
| Kentucky | 614,796 | 37.0 | 675,321 | 40.6 | 311,892 | 18.8 | 60,347 | 3.6 |
| Louisiana | 145,050 | 8.5 | 308,282 | 18.0 | 651,680 | 38.1 | 607,669 | 35.5 |
| Maine | 89,663 | 17.2 | 185,727 | 35.6 | 202,379 | 38.8 | 43,836 | 8.4 |
| Maryland | 1,027,274 | 46.5 | 592,192 | 26.8 | 370,668 | 16.8 | 219,416 | 9.9 |
| Massachusetts | 2,103,204 | 80.6 | 408,189 | 15.6 | 88,768 | 3.4 | 8,724 | 0.3 |
| Michigan | 1,385,363 | 36.8 | 1,448,467 | 38.5 | 749,441 | 19.9 | 177,472 | 4.7 |
| Minnesota | 1,254,605 | 60.0 | 589,979 | 28.2 | 186,176 | 8.9 | 58,787 | 2.8 |
| Mississippi | 47,600 | 4.4 | 120,339 | 11.1 | 351,849 | 32.5 | 562,644 | 52.0 |
| Missouri | 446,217 | 19.6 | 555,228 | 24.4 | 724,699 | 31.8 | 553,155 | 24.3 |
| Montana | 36,301 | 8.9 | 138,869 | 34.2 | 164,376 | 40.4 | 67,079 | 16.5 |
| Nebraska | 202,332 | 28.7 | 214,474 | 30.4 | 165,296 | 23.4 | 123,801 | 17.5 |
| Nevada | 143,681 | 12.8 | 255,098 | 22.7 | 352,745 | 31.4 | 371,004 | 33.1 |
| New Hampshire | 162,775 | 30.7 | 201,972 | 38.0 | 139,274 | 26.2 | 26,885 | 5.1 |
| New Jersey | 1,251,792 | 37.7 | 766,163 | 23.1 | 616,777 | 18.6 | 681,822 | 20.6 |
| New Mexico | 127,538 | 16.3 | 183,070 | 23.4 | 245,442 | 31.3 | 226,957 | 29.0 |
| New York | 3,086,679 | 41.8 | 2,069,542 | 28.0 | 1,405,858 | 19.0 | 823,744 | 11.2 |
| North Carolina | 389,163 | 10.3 | 819,092 | 21.8 | 1,313,271 | 34.9 | 1,243,947 | 33.0 |
| North Dakota | 100,687 | 33.9 | 116,205 | 39.1 | 66,683 | 22.5 | 13,302 | 4.5 |
| Ohio | 1,652,860 | 37.9 | 1,573,386 | 36.1 | 856,047 | 19.6 | 278,728 | 6.4 |
| Oklahoma | 77,582 | 5.3 | 204,317 | 14.1 | 412,442 | 28.4 | 756,424 | 52.1 |
| Oregon | 361,475 | 22.9 | 646,663 | 41.0 | 441,655 | 28.0 | 128,167 | 8.1 |
| Pennsylvania | 2,181,767 | 44.6 | 1,584,613 | 32.4 | 756,018 | 15.5 | 365,576 | 7.5 |
| Puerto Rico | 378,108 | 30.0 | 588,419 | 46.7 | 252,141 | 20.0 | 40,771 | 3.2 |
| Rhode Island | 232,297 | 57.2 | 93,638 | 23.0 | 50,653 | 12.5 | 29,700 | 7.3 |
| South Carolina | 176,525 | 9.6 | 344,972 | 18.8 | 731,853 | 39.8 | 583,931 | 31.8 |
| South Dakota | 58,599 | 18.0 | 127,996 | 39.2 | 80,792 | 24.8 | 58,851 | 18.0 |
| Tennessee | 293,086 | 11.9 | 590,451 | 23.9 | 970,639 | 39.3 | 617,903 | 25.0 |
| Texas | 650,293 | 6.4 | 1,309,511 | 13.0 | 2,116,427 | 20.9 | 6,029,522 | 59.7 |
| Utah | 193,980 | 18.3 | 314,646 | 29.7 | 287,870 | 27.2 | 261,966 | 24.7 |
| Vermont | 149,353 | 60.5 | 89,841 | 36.4 | 7,763 | 3.1 | 0 | 0.0 |
| Virginia | 719,127 | 22.6 | 820,573 | 25.8 | 1,010,082 | 31.8 | 626,217 | 19.7 |
| Washington | 915,504 | 32.6 | 1,020,178 | 36.3 | 635,254 | 22.6 | 238,987 | 8.5 |
| West Virginia | 154,166 | 21.6 | 351,852 | 49.4 | 195,806 | 27.5 | 10,969 | 1.5 |
| Wisconsin | 1,044,375 | 47.2 | 766,853 | 34.7 | 298,025 | 13.5 | 102,434 | 4.6 |
| Wyoming | 16,515 | 7.3 | 46,525 | 20.6 | 87,696 | 38.8 | 75,179 | 33.3 |
| Total | 33,253,209 | 27.2 | 31,570,654 | 25.8 | 29,341,758 | 24.0 | 28,243,493 | 23.1 |

Table S4. Adults without health insurance, by sex at birth and area of residence, 2014–2018 5-year ACS estimates—census tract level, United States and Puerto Rico (cont)

| Area of residence | Without health insurance (%) | | | | | | | |
|----------------------|------------------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|
| | <5 | | 5.00–8.99 | | 9.00–14.99 | | ≥15 | |
| | No. | % ^b | No. | % ^b | No. | % ^b | No. | % ^b |
| | Female | | | | | | | |
| Alabama | 229,643 | 11.7 | 437,996 | 22.2 | 731,334 | 37.1 | 571,623 | 29.0 |
| Alaska | 19,072 | 7.3 | 25,362 | 9.7 | 85,117 | 32.4 | 132,940 | 50.6 |
| Arizona | 606,709 | 22.6 | 662,124 | 24.6 | 671,898 | 25.0 | 748,664 | 27.8 |
| Arkansas | 128,962 | 11.0 | 419,342 | 35.6 | 439,417 | 37.3 | 189,878 | 16.1 |
| California | 4,293,625 | 28.1 | 4,155,193 | 27.2 | 3,654,541 | 24.0 | 3,152,462 | 20.7 |
| Colorado | 665,681 | 31.2 | 623,493 | 29.2 | 492,969 | 23.1 | 353,049 | 16.5 |
| Connecticut | 867,687 | 59.2 | 290,016 | 19.8 | 184,827 | 12.6 | 124,180 | 8.5 |
| Delaware | 159,141 | 40.8 | 146,547 | 37.6 | 65,766 | 16.9 | 18,200 | 4.7 |
| District of Columbia | 202,216 | 67.6 | 65,050 | 21.7 | 29,513 | 9.9 | 2,577 | 0.9 |
| Florida | 775,894 | 9.1 | 1,433,498 | 16.9 | 2,603,661 | 30.6 | 3,682,541 | 43.3 |
| Georgia | 282,155 | 7.0 | 559,983 | 13.8 | 1,231,613 | 30.3 | 1,984,714 | 48.9 |
| Hawaii | 342,996 | 61.4 | 168,255 | 30.1 | 47,364 | 8.5 | 289 | 0.1 |
| Idaho | 61,535 | 9.8 | 122,675 | 19.6 | 249,194 | 39.7 | 193,908 | 30.9 |
| Illinois | 1,922,570 | 37.8 | 1,391,667 | 27.3 | 1,001,445 | 19.7 | 776,477 | 15.2 |
| Indiana | 524,454 | 20.2 | 886,330 | 34.1 | 747,230 | 28.8 | 439,704 | 16.9 |
| Iowa | 680,289 | 55.7 | 371,315 | 30.4 | 131,419 | 10.8 | 37,657 | 3.1 |
| Kansas | 274,993 | 24.8 | 320,670 | 28.9 | 298,061 | 26.9 | 216,150 | 19.5 |
| Kentucky | 643,301 | 36.5 | 721,193 | 41.0 | 333,202 | 18.9 | 62,767 | 3.6 |
| Louisiana | 153,792 | 8.4 | 339,739 | 18.5 | 688,219 | 37.4 | 658,220 | 35.8 |
| Maine | 101,687 | 18.3 | 197,427 | 35.5 | 211,231 | 38.0 | 46,202 | 8.3 |
| Maryland | 1,116,261 | 45.9 | 670,767 | 27.6 | 421,867 | 17.3 | 224,589 | 9.2 |
| Massachusetts | 2,306,117 | 81.2 | 437,303 | 15.4 | 90,851 | 3.2 | 6,925 | 0.2 |
| Michigan | 1,470,090 | 36.9 | 1,544,061 | 38.7 | 785,348 | 19.7 | 186,372 | 4.7 |
| Minnesota | 1,299,408 | 60.6 | 598,991 | 27.9 | 188,540 | 8.8 | 57,811 | 2.7 |
| Mississippi | 48,334 | 4.1 | 134,676 | 11.4 | 382,240 | 32.2 | 620,679 | 52.3 |
| Missouri | 478,812 | 19.7 | 586,298 | 24.2 | 769,659 | 31.7 | 590,931 | 24.4 |
| Montana | 36,614 | 9.0 | 137,998 | 33.9 | 163,900 | 40.3 | 68,426 | 16.8 |
| Nebraska | 214,543 | 29.6 | 218,238 | 30.1 | 168,535 | 23.2 | 123,610 | 17.1 |
| Nevada | 151,431 | 13.5 | 265,654 | 23.6 | 357,618 | 31.8 | 351,129 | 31.2 |
| New Hampshire | 170,040 | 30.9 | 211,668 | 38.5 | 141,465 | 25.7 | 26,980 | 4.9 |
| New Jersey | 1,362,825 | 38.1 | 839,073 | 23.4 | 671,830 | 18.8 | 705,701 | 19.7 |
| New Mexico | 132,631 | 16.3 | 192,272 | 23.6 | 259,801 | 31.9 | 229,682 | 28.2 |
| New York | 3,363,497 | 41.7 | 2,273,068 | 28.2 | 1,580,286 | 19.6 | 856,035 | 10.6 |
| North Carolina | 399,569 | 9.8 | 898,324 | 22.0 | 1,427,356 | 34.9 | 1,362,857 | 33.3 |
| North Dakota | 97,100 | 34.5 | 110,766 | 39.3 | 61,210 | 21.7 | 12,530 | 4.4 |
| Ohio | 1,764,182 | 37.9 | 1,687,967 | 36.2 | 915,616 | 19.7 | 291,131 | 6.2 |
| Oklahoma | 78,478 | 5.2 | 219,711 | 14.6 | 429,923 | 28.5 | 780,554 | 51.7 |
| Oregon | 384,191 | 23.5 | 668,320 | 40.9 | 449,571 | 27.5 | 133,723 | 8.2 |
| Pennsylvania | 2,319,681 | 44.4 | 1,686,996 | 32.3 | 832,646 | 15.9 | 383,020 | 7.3 |
| Puerto Rico | 433,029 | 30.1 | 665,984 | 46.3 | 295,801 | 20.6 | 42,698 | 3.0 |
| Rhode Island | 256,363 | 58.1 | 100,061 | 22.7 | 56,046 | 12.7 | 28,984 | 6.6 |
| South Carolina | 189,436 | 9.4 | 373,645 | 18.6 | 804,331 | 40.0 | 641,105 | 31.9 |
| South Dakota | 61,243 | 18.8 | 125,143 | 38.5 | 81,990 | 25.2 | 56,609 | 17.4 |
| Tennessee | 320,846 | 12.0 | 637,806 | 23.9 | 1,037,403 | 38.8 | 676,104 | 25.3 |
| Texas | 679,360 | 6.5 | 1,366,873 | 13.1 | 2,220,537 | 21.2 | 6,195,211 | 59.2 |
| Utah | 197,489 | 18.5 | 319,267 | 30.0 | 292,303 | 27.4 | 256,470 | 24.1 |
| Vermont | 159,133 | 61.3 | 92,575 | 35.7 | 7,966 | 3.1 | 0 | 0.0 |
| Virginia | 761,144 | 22.6 | 854,167 | 25.4 | 1,094,173 | 32.6 | 651,892 | 19.4 |
| Washington | 941,340 | 33.0 | 1,041,517 | 36.5 | 641,987 | 22.5 | 226,694 | 7.9 |
| West Virginia | 162,545 | 21.9 | 364,405 | 49.1 | 204,556 | 27.5 | 11,382 | 1.5 |
| Wisconsin | 1,080,341 | 47.5 | 781,749 | 34.3 | 309,481 | 13.6 | 105,088 | 4.6 |
| Wyoming | 15,915 | 7.3 | 46,428 | 21.3 | 81,812 | 37.5 | 74,047 | 33.9 |
| Total | 35,388,390 | 27.4 | 33,489,646 | 25.9 | 31,124,669 | 24.1 | 29,371,171 | 22.7 |

Table S4. Adults without health insurance, by sex at birth and area of residence, 2014–2018 5-year ACS estimates—census tract level, United States and Puerto Rico (cont)

| Area of residence | Without health insurance (%) | | | | | | | | | | | |
|----------------------|------------------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|
| | <5 | | | 5.00–8.99 | | | 9.00–14.99 | | | ≥15 | | |
| | No. | % ^c | % ^d | No. | % ^c | % ^d | No. | % ^c | % ^d | No. | % ^c | % ^d |
| | Total | | | | | | | | | | | |
| Alabama | 438,035 | 11.6 | 0.6 | 840,272 | 22.3 | 1.3 | 1,405,976 | 37.3 | 2.3 | 1,081,604 | 28.7 | 1.9 |
| Alaska | 42,140 | 7.6 | 0.1 | 52,808 | 9.6 | 0.1 | 175,306 | 31.7 | 0.3 | 282,124 | 51.1 | 0.5 |
| Arizona | 1,174,647 | 22.2 | 1.7 | 1,292,371 | 24.4 | 2.0 | 1,340,310 | 25.3 | 2.2 | 1,495,728 | 28.2 | 2.6 |
| Arkansas | 249,828 | 10.9 | 0.4 | 810,940 | 35.5 | 1.2 | 854,526 | 37.4 | 1.4 | 369,434 | 16.2 | 0.6 |
| California | 8,369,084 | 27.9 | 12.2 | 8,145,562 | 27.2 | 12.5 | 7,201,332 | 24.0 | 11.9 | 6,282,459 | 20.9 | 10.9 |
| Colorado | 1,314,616 | 30.9 | 1.9 | 1,232,776 | 28.9 | 1.9 | 994,362 | 23.3 | 1.6 | 719,422 | 16.9 | 1.2 |
| Connecticut | 1,675,862 | 59.3 | 2.4 | 555,234 | 19.6 | 0.9 | 351,898 | 12.4 | 0.6 | 244,044 | 8.6 | 0.4 |
| Delaware | 303,072 | 40.6 | 0.4 | 280,123 | 37.5 | 0.4 | 128,495 | 17.2 | 0.2 | 34,379 | 4.6 | 0.1 |
| District of Columbia | 377,429 | 67.1 | 0.5 | 121,483 | 21.6 | 0.2 | 58,627 | 10.4 | 0.1 | 5,222 | 0.9 | 0.0 |
| Florida | 1,476,760 | 9.0 | 2.2 | 2,739,792 | 16.7 | 4.2 | 5,015,053 | 30.5 | 8.3 | 7,206,731 | 43.8 | 12.5 |
| Georgia | 560,716 | 7.2 | 0.8 | 1,083,412 | 13.9 | 1.7 | 2,362,296 | 30.3 | 3.9 | 3,786,614 | 48.6 | 6.6 |
| Hawaii | 685,611 | 61.5 | 1.0 | 333,036 | 29.9 | 0.5 | 95,237 | 8.5 | 0.2 | 573 | 0.1 | 0.0 |
| Idaho | 121,028 | 9.7 | 0.2 | 242,000 | 19.4 | 0.4 | 498,563 | 39.9 | 0.8 | 387,042 | 31.0 | 0.7 |
| Illinois | 3,730,612 | 37.7 | 5.4 | 2,699,478 | 27.3 | 4.1 | 1,922,158 | 19.4 | 3.2 | 1,542,248 | 15.6 | 2.7 |
| Indiana | 1,027,205 | 20.3 | 1.5 | 1,730,496 | 34.2 | 2.7 | 1,456,530 | 28.8 | 2.4 | 848,902 | 16.8 | 1.5 |
| Iowa | 1,332,154 | 55.4 | 1.9 | 734,003 | 30.6 | 1.1 | 259,686 | 10.8 | 0.4 | 76,624 | 3.2 | 0.1 |
| Kansas | 541,700 | 24.7 | 0.8 | 633,741 | 28.9 | 1.0 | 588,335 | 26.8 | 1.0 | 429,440 | 19.6 | 0.7 |
| Kentucky | 1,258,097 | 36.8 | 1.8 | 1,396,514 | 40.8 | 2.1 | 645,094 | 18.8 | 1.1 | 123,114 | 3.6 | 0.2 |
| Louisiana | 298,842 | 8.4 | 0.4 | 648,021 | 18.2 | 1.0 | 1,339,899 | 37.7 | 2.2 | 1,265,889 | 35.6 | 2.2 |
| Maine | 191,350 | 17.7 | 0.3 | 383,154 | 35.5 | 0.6 | 413,610 | 38.4 | 0.7 | 90,038 | 8.4 | 0.2 |
| Maryland | 2,143,535 | 46.2 | 3.1 | 1,262,959 | 27.2 | 1.9 | 792,535 | 17.1 | 1.3 | 444,005 | 9.6 | 0.8 |
| Massachusetts | 4,409,321 | 80.9 | 6.4 | 845,492 | 15.5 | 1.3 | 179,619 | 3.3 | 0.3 | 15,649 | 0.3 | 0.0 |
| Michigan | 2,855,453 | 36.9 | 4.2 | 2,992,528 | 38.6 | 4.6 | 1,534,789 | 19.8 | 2.5 | 363,844 | 4.7 | 0.6 |
| Minnesota | 2,554,013 | 60.3 | 3.7 | 1,188,970 | 28.1 | 1.8 | 374,716 | 8.8 | 0.6 | 116,598 | 2.8 | 0.2 |
| Mississippi | 95,934 | 4.2 | 0.1 | 255,015 | 11.2 | 0.4 | 734,089 | 32.4 | 1.2 | 1,183,323 | 52.2 | 2.1 |
| Missouri | 925,029 | 19.7 | 1.3 | 1,141,526 | 24.3 | 1.8 | 1,494,358 | 31.8 | 2.5 | 1,144,086 | 24.3 | 2.0 |
| Montana | 72,915 | 9.0 | 0.1 | 276,867 | 34.0 | 0.4 | 328,276 | 40.4 | 0.5 | 135,505 | 16.7 | 0.2 |
| Nebraska | 416,875 | 29.1 | 0.6 | 432,712 | 30.2 | 0.7 | 333,831 | 23.3 | 0.6 | 247,411 | 17.3 | 0.4 |
| Nevada | 295,112 | 13.1 | 0.4 | 520,752 | 23.2 | 0.8 | 710,363 | 31.6 | 1.2 | 722,133 | 32.1 | 1.3 |
| New Hampshire | 332,815 | 30.8 | 0.5 | 413,640 | 38.3 | 0.6 | 280,739 | 26.0 | 0.5 | 53,865 | 5.0 | 0.1 |
| New Jersey | 2,614,617 | 37.9 | 3.8 | 1,605,236 | 23.3 | 2.5 | 1,288,607 | 18.7 | 2.1 | 1,387,523 | 20.1 | 2.4 |
| New Mexico | 260,169 | 16.3 | 0.4 | 375,342 | 23.5 | 0.6 | 505,243 | 31.6 | 0.8 | 456,639 | 28.6 | 0.8 |
| New York | 6,450,176 | 41.7 | 9.4 | 4,342,610 | 28.1 | 6.7 | 2,986,144 | 19.3 | 4.9 | 1,679,779 | 10.9 | 2.9 |
| North Carolina | 788,732 | 10.0 | 1.1 | 1,717,416 | 21.9 | 2.6 | 2,740,627 | 34.9 | 4.5 | 2,606,804 | 33.2 | 4.5 |
| North Dakota | 197,787 | 34.2 | 0.3 | 226,971 | 39.2 | 0.3 | 127,893 | 22.1 | 0.2 | 25,832 | 4.5 | 0.0 |
| Ohio | 3,417,042 | 37.9 | 5.0 | 3,261,353 | 36.2 | 5.0 | 1,771,663 | 19.6 | 2.9 | 569,859 | 6.3 | 1.0 |
| Oklahoma | 156,060 | 5.3 | 0.2 | 424,028 | 14.3 | 0.7 | 842,365 | 28.5 | 1.4 | 1,536,978 | 51.9 | 2.7 |
| Oregon | 745,666 | 23.2 | 1.1 | 1,314,983 | 40.9 | 2.0 | 891,226 | 27.7 | 1.5 | 261,890 | 8.1 | 0.5 |
| Pennsylvania | 4,501,448 | 44.5 | 6.6 | 3,271,609 | 32.4 | 5.0 | 1,588,664 | 15.7 | 2.6 | 748,596 | 7.4 | 1.3 |
| Puerto Rico | 811,137 | 30.1 | 1.2 | 1,254,403 | 46.5 | 1.9 | 547,942 | 20.3 | 0.9 | 83,469 | 3.1 | 0.1 |
| Rhode Island | 488,660 | 57.6 | 0.7 | 193,699 | 22.8 | 0.3 | 106,699 | 12.6 | 0.2 | 58,684 | 6.9 | 0.1 |
| South Carolina | 365,961 | 9.5 | 0.5 | 718,617 | 18.7 | 1.1 | 1,536,184 | 39.9 | 2.5 | 1,225,036 | 31.9 | 2.1 |
| South Dakota | 119,842 | 18.4 | 0.2 | 253,139 | 38.9 | 0.4 | 162,782 | 25.0 | 0.3 | 115,460 | 17.7 | 0.2 |
| Tennessee | 613,932 | 11.9 | 0.9 | 1,228,257 | 23.9 | 1.9 | 2,008,042 | 39.0 | 3.3 | 1,294,007 | 25.2 | 2.2 |
| Texas | 1,329,653 | 6.5 | 1.9 | 2,676,384 | 13.0 | 4.1 | 4,336,964 | 21.1 | 7.2 | 12,224,733 | 59.4 | 21.2 |
| Utah | 391,469 | 18.4 | 0.6 | 633,913 | 29.8 | 1.0 | 580,173 | 27.3 | 1.0 | 518,436 | 24.4 | 0.9 |
| Vermont | 308,486 | 60.9 | 0.4 | 182,416 | 36.0 | 0.3 | 15,729 | 3.1 | 0.0 | 0 | 0.0 | 0.0 |
| Virginia | 1,480,271 | 22.6 | 2.2 | 1,674,740 | 25.6 | 2.6 | 2,104,255 | 32.2 | 3.5 | 1,278,109 | 19.6 | 2.2 |
| Washington | 1,856,844 | 32.8 | 2.7 | 2,061,695 | 36.4 | 3.2 | 1,277,241 | 22.6 | 2.1 | 465,681 | 8.2 | 0.8 |
| West Virginia | 316,711 | 21.8 | 0.5 | 716,257 | 49.2 | 1.1 | 400,362 | 27.5 | 0.7 | 22,351 | 1.5 | 0.0 |
| Wisconsin | 2,124,716 | 47.3 | 3.1 | 1,548,602 | 34.5 | 2.4 | 607,506 | 13.5 | 1.0 | 207,522 | 4.6 | 0.4 |
| Wyoming | 32,430 | 7.3 | 0.0 | 92,953 | 20.9 | 0.1 | 169,508 | 38.2 | 0.3 | 149,226 | 33.6 | 0.3 |
| Total | 68,641,599 | 27.3 | 100 | 65,060,300 | 25.8 | 100 | 60,466,427 | 24.0 | 100 | 57,614,664 | 22.9 | 100 |

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

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.

Table S5. Gini index among adults, by sex at birth and area of residence, 2014–2018 5-year ACS estimates—census tract level, United States and Puerto Rico

| Area of residence | Gini index (%) | | | | | | | |
|----------------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|
| | <38 | | 38.00–41.99 | | 42.00–45.99 | | ≥46 | |
| | No. | % ^a |
| | Male | | | | | | | |
| Alabama | 284,104 | 15.8 | 435,038 | 24.2 | 464,066 | 25.9 | 611,870 | 34.1 |
| Alaska | 103,988 | 36.2 | 97,139 | 33.8 | 56,754 | 19.7 | 29,633 | 10.3 |
| Arizona | 820,334 | 31.4 | 688,725 | 26.4 | 564,770 | 21.6 | 539,808 | 20.7 |
| Arkansas | 132,504 | 12.0 | 313,475 | 28.4 | 310,858 | 28.1 | 348,635 | 31.5 |
| California | 3,678,385 | 25.0 | 4,039,884 | 27.4 | 3,566,184 | 24.2 | 3,445,884 | 23.4 |
| Colorado | 740,911 | 34.9 | 544,547 | 25.7 | 421,636 | 19.9 | 413,163 | 19.5 |
| Connecticut | 279,256 | 20.6 | 413,824 | 30.5 | 306,802 | 22.6 | 355,188 | 26.2 |
| Delaware | 85,654 | 24.0 | 133,465 | 37.4 | 67,183 | 18.8 | 70,113 | 19.7 |
| District of Columbia | 18,842 | 7.2 | 25,096 | 9.6 | 64,305 | 24.6 | 153,373 | 58.6 |
| Florida | 1,591,657 | 20.1 | 2,291,228 | 28.9 | 1,905,851 | 24.0 | 2,147,579 | 27.1 |
| Georgia | 848,703 | 22.7 | 1,002,177 | 26.8 | 925,189 | 24.8 | 956,620 | 25.6 |
| Hawaii | 195,694 | 35.3 | 131,665 | 23.7 | 122,280 | 22.0 | 105,140 | 19.0 |
| Idaho | 148,413 | 23.9 | 183,863 | 29.6 | 148,059 | 23.8 | 140,986 | 22.7 |
| Illinois | 1,178,791 | 24.6 | 1,410,961 | 29.4 | 1,104,415 | 23.0 | 1,105,968 | 23.0 |
| Indiana | 786,925 | 32.0 | 818,328 | 33.2 | 483,952 | 19.7 | 372,791 | 15.1 |
| Iowa | 286,096 | 24.2 | 452,538 | 38.3 | 261,357 | 22.1 | 181,796 | 15.4 |
| Kansas | 378,433 | 34.9 | 304,685 | 28.1 | 203,355 | 18.8 | 196,869 | 18.2 |
| Kentucky | 319,252 | 19.2 | 390,338 | 23.5 | 428,141 | 25.8 | 524,424 | 31.6 |
| Louisiana | 160,077 | 9.3 | 381,997 | 22.3 | 466,559 | 27.2 | 704,021 | 41.1 |
| Maine | 112,261 | 21.5 | 147,359 | 28.3 | 140,226 | 26.9 | 121,759 | 23.3 |
| Maryland | 961,028 | 43.5 | 589,232 | 26.7 | 333,827 | 15.1 | 325,463 | 14.7 |
| Massachusetts | 423,703 | 16.3 | 799,928 | 30.7 | 707,320 | 27.1 | 674,479 | 25.9 |
| Michigan | 997,698 | 26.6 | 1,202,885 | 32.1 | 808,128 | 21.5 | 743,426 | 19.8 |
| Minnesota | 624,721 | 29.9 | 684,053 | 32.7 | 450,146 | 21.5 | 329,938 | 15.8 |
| Mississippi | 159,975 | 14.8 | 217,016 | 20.0 | 273,636 | 25.3 | 431,805 | 39.9 |
| Missouri | 652,296 | 28.6 | 654,123 | 28.7 | 515,179 | 22.6 | 457,688 | 20.1 |
| Montana | 51,867 | 12.8 | 109,119 | 26.8 | 124,999 | 30.7 | 120,640 | 29.7 |
| Nebraska | 233,000 | 33.1 | 233,367 | 33.2 | 135,690 | 19.3 | 101,029 | 14.4 |
| Nevada | 413,340 | 36.8 | 295,382 | 26.3 | 218,285 | 19.4 | 195,521 | 17.4 |
| New Hampshire | 160,757 | 30.3 | 196,883 | 37.1 | 93,621 | 17.6 | 79,645 | 15.0 |
| New Jersey | 774,405 | 23.4 | 970,260 | 29.3 | 815,601 | 24.6 | 756,217 | 22.8 |
| New Mexico | 122,976 | 16.0 | 191,463 | 24.9 | 189,980 | 24.7 | 263,926 | 34.3 |
| New York | 1,271,143 | 17.3 | 1,826,811 | 24.8 | 1,755,170 | 23.8 | 2,513,430 | 34.1 |
| North Carolina | 809,034 | 21.6 | 1,019,237 | 27.2 | 921,041 | 24.5 | 1,004,032 | 26.8 |
| North Dakota | 47,568 | 16.0 | 70,582 | 23.8 | 94,574 | 31.9 | 84,153 | 28.3 |
| Ohio | 1,305,883 | 30.0 | 1,274,857 | 29.3 | 900,683 | 20.7 | 868,905 | 20.0 |
| Oklahoma | 302,942 | 20.9 | 408,349 | 28.1 | 362,346 | 25.0 | 377,124 | 26.0 |
| Oregon | 360,723 | 22.9 | 492,114 | 31.2 | 401,659 | 25.5 | 323,464 | 20.5 |
| Pennsylvania | 1,077,158 | 22.1 | 1,649,048 | 33.9 | 1,136,205 | 23.3 | 1,006,037 | 20.7 |
| Puerto Rico | 30,411 | 2.4 | 101,536 | 8.1 | 245,798 | 19.5 | 881,688 | 70.0 |
| Rhode Island | 77,378 | 19.0 | 86,528 | 21.3 | 108,947 | 26.8 | 133,435 | 32.8 |
| South Carolina | 353,983 | 19.3 | 475,592 | 26.0 | 485,424 | 26.5 | 516,881 | 28.2 |
| South Dakota | 88,353 | 27.1 | 91,769 | 28.1 | 68,248 | 20.9 | 77,868 | 23.9 |
| Tennessee | 518,524 | 21.0 | 619,520 | 25.1 | 605,106 | 24.5 | 727,117 | 29.4 |
| Texas | 3,020,524 | 29.9 | 2,561,265 | 25.4 | 2,216,668 | 22.0 | 2,289,048 | 22.7 |
| Utah | 567,073 | 53.6 | 214,058 | 20.2 | 151,069 | 14.3 | 126,262 | 11.9 |
| Vermont | 41,879 | 17.0 | 71,706 | 29.0 | 84,128 | 34.1 | 49,244 | 19.9 |
| Virginia | 1,252,454 | 39.5 | 790,427 | 24.9 | 589,555 | 18.6 | 538,591 | 17.0 |
| Washington | 886,783 | 31.6 | 831,530 | 29.6 | 612,504 | 21.8 | 476,395 | 17.0 |
| West Virginia | 86,063 | 12.1 | 199,655 | 28.0 | 217,714 | 30.5 | 209,361 | 29.4 |
| Wisconsin | 652,619 | 29.5 | 755,601 | 34.2 | 464,544 | 21.0 | 338,923 | 15.3 |
| Wyoming | 68,830 | 30.5 | 65,056 | 28.8 | 50,438 | 22.3 | 41,591 | 18.4 |
| Total | 30,545,371 | 25.0 | 33,955,284 | 27.8 | 28,150,175 | 23.0 | 29,588,946 | 24.2 |

Table S5. Gini index among adults, by sex at birth and area of residence, 2014–2018 5-year ACS estimates—census tract level, United States and Puerto Rico (cont)

| Area of residence | Gini index (%) | | | | | | | |
|----------------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|
| | <38 | | 38.00–41.99 | | 42.00–45.99 | | ≥46 | |
| | No. | % ^b |
| | Female | | | | | | | |
| Alabama | 305,386 | 15.5 | 467,912 | 23.8 | 508,179 | 25.8 | 688,455 | 34.9 |
| Alaska | 95,758 | 36.5 | 87,893 | 33.5 | 51,192 | 19.5 | 27,164 | 10.4 |
| Arizona | 849,027 | 31.6 | 714,860 | 26.6 | 579,922 | 21.6 | 545,571 | 20.3 |
| Arkansas | 140,645 | 11.9 | 330,716 | 28.1 | 324,415 | 27.6 | 381,754 | 32.4 |
| California | 3,738,015 | 24.5 | 4,204,152 | 27.6 | 3,716,900 | 24.4 | 3,585,582 | 23.5 |
| Colorado | 746,797 | 35.0 | 552,111 | 25.9 | 421,004 | 19.7 | 412,094 | 19.3 |
| Connecticut | 290,410 | 19.8 | 444,093 | 30.3 | 340,101 | 23.2 | 390,951 | 26.7 |
| Delaware | 88,980 | 22.8 | 146,327 | 37.6 | 75,873 | 19.5 | 78,474 | 20.1 |
| District of Columbia | 17,900 | 6.0 | 26,691 | 9.0 | 70,365 | 23.7 | 182,386 | 61.3 |
| Florida | 1,694,988 | 20.0 | 2,461,293 | 29.0 | 2,035,097 | 24.0 | 2,295,205 | 27.0 |
| Georgia | 907,287 | 22.4 | 1,084,565 | 26.7 | 1,004,946 | 24.8 | 1,061,402 | 26.2 |
| Hawaii | 185,771 | 33.2 | 136,575 | 24.4 | 124,904 | 22.3 | 111,643 | 20.0 |
| Idaho | 150,630 | 24.0 | 185,984 | 29.6 | 147,401 | 23.5 | 143,297 | 22.8 |
| Illinois | 1,221,148 | 24.0 | 1,464,147 | 28.8 | 1,175,266 | 23.1 | 1,231,586 | 24.2 |
| Indiana | 807,233 | 31.1 | 861,756 | 33.2 | 520,888 | 20.1 | 405,254 | 15.6 |
| Iowa | 284,871 | 23.3 | 475,476 | 39.0 | 271,509 | 22.2 | 188,824 | 15.5 |
| Kansas | 382,703 | 34.5 | 315,285 | 28.4 | 210,727 | 19.0 | 201,159 | 18.1 |
| Kentucky | 334,586 | 19.0 | 412,487 | 23.4 | 452,004 | 25.7 | 561,305 | 31.9 |
| Louisiana | 162,816 | 8.8 | 406,451 | 22.1 | 507,846 | 27.6 | 762,857 | 41.5 |
| Maine | 114,796 | 20.6 | 156,904 | 28.2 | 150,615 | 27.1 | 134,232 | 24.1 |
| Maryland | 1,037,001 | 42.6 | 645,180 | 26.5 | 378,895 | 15.6 | 372,408 | 15.3 |
| Massachusetts | 440,668 | 15.5 | 863,429 | 30.4 | 770,793 | 27.1 | 764,597 | 26.9 |
| Michigan | 1,027,677 | 25.8 | 1,272,904 | 32.0 | 865,777 | 21.8 | 809,656 | 20.4 |
| Minnesota | 630,214 | 29.4 | 698,338 | 32.6 | 469,027 | 21.9 | 346,058 | 16.1 |
| Mississippi | 172,469 | 14.5 | 233,547 | 19.7 | 298,264 | 25.2 | 481,649 | 40.6 |
| Missouri | 679,654 | 28.0 | 689,933 | 28.4 | 556,026 | 22.9 | 500,077 | 20.6 |
| Montana | 52,179 | 12.8 | 107,532 | 26.4 | 125,141 | 30.8 | 122,086 | 30.0 |
| Nebraska | 234,742 | 32.5 | 239,998 | 33.3 | 139,581 | 19.3 | 107,316 | 14.9 |
| Nevada | 419,502 | 37.3 | 296,583 | 26.3 | 219,729 | 19.5 | 190,018 | 16.9 |
| New Hampshire | 161,834 | 29.4 | 203,966 | 37.1 | 100,096 | 18.2 | 84,257 | 15.3 |
| New Jersey | 817,424 | 22.8 | 1,043,963 | 29.2 | 877,930 | 24.5 | 839,934 | 23.5 |
| New Mexico | 128,716 | 16.1 | 200,980 | 25.2 | 197,184 | 24.7 | 272,179 | 34.1 |
| New York | 1,331,565 | 16.5 | 1,953,404 | 24.2 | 1,904,973 | 23.6 | 2,866,650 | 35.6 |
| North Carolina | 857,343 | 21.0 | 1,108,946 | 27.1 | 999,470 | 24.5 | 1,119,680 | 27.4 |
| North Dakota | 44,042 | 15.6 | 67,749 | 24.1 | 90,720 | 32.2 | 79,095 | 28.1 |
| Ohio | 1,364,854 | 29.3 | 1,369,974 | 29.4 | 973,565 | 20.9 | 950,472 | 20.4 |
| Oklahoma | 314,730 | 20.9 | 421,182 | 27.9 | 376,707 | 25.0 | 396,047 | 26.3 |
| Oregon | 367,969 | 22.5 | 513,909 | 31.4 | 414,009 | 25.3 | 339,918 | 20.8 |
| Pennsylvania | 1,118,403 | 21.4 | 1,733,917 | 33.2 | 1,234,924 | 23.7 | 1,128,281 | 21.6 |
| Puerto Rico | 37,943 | 2.6 | 114,499 | 8.0 | 276,336 | 19.2 | 1,008,728 | 70.2 |
| Rhode Island | 79,299 | 18.0 | 93,021 | 21.1 | 120,910 | 27.4 | 148,224 | 33.6 |
| South Carolina | 381,153 | 19.0 | 516,874 | 25.8 | 528,698 | 26.4 | 579,323 | 28.9 |
| South Dakota | 87,599 | 27.0 | 90,278 | 27.8 | 67,988 | 20.9 | 79,120 | 24.3 |
| Tennessee | 553,832 | 20.7 | 666,789 | 25.0 | 639,061 | 23.9 | 810,443 | 30.4 |
| Texas | 3,102,292 | 29.7 | 2,647,326 | 25.3 | 2,318,493 | 22.2 | 2,379,372 | 22.8 |
| Utah | 571,464 | 53.6 | 219,646 | 20.6 | 151,785 | 14.2 | 122,634 | 11.5 |
| Vermont | 42,088 | 16.2 | 74,943 | 28.9 | 90,207 | 34.7 | 52,436 | 20.2 |
| Virginia | 1,291,977 | 38.5 | 843,167 | 25.1 | 635,496 | 18.9 | 585,775 | 17.5 |
| Washington | 892,331 | 31.3 | 848,135 | 29.7 | 625,305 | 21.9 | 485,751 | 17.0 |
| West Virginia | 88,581 | 11.9 | 206,038 | 27.7 | 228,393 | 30.7 | 219,876 | 29.6 |
| Wisconsin | 662,808 | 29.1 | 770,690 | 33.9 | 484,630 | 21.3 | 358,531 | 15.7 |
| Wyoming | 65,925 | 30.2 | 63,258 | 29.0 | 48,054 | 22.0 | 40,965 | 18.8 |
| Total | 31,578,025 | 24.4 | 35,755,776 | 27.7 | 29,897,321 | 23.1 | 32,030,751 | 24.8 |

Table S5. Gini index among adults, by sex at birth and area of residence, 2014–2018 5-year ACS estimates—census tract level, United States and Puerto Rico (cont)

| Area of residence | Gini index (%) | | | | | | | | | | | |
|----------------------|-------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|
| | <38 | | | 38.00–41.99 | | | 42.00–45.99 | | | ≥46 | | |
| | No. | % ^c | % ^d |
| | Total | | | | | | | | | | | |
| Alabama | 589,490 | 15.7 | 0.9 | 902,950 | 24.0 | 1.3 | 972,245 | 25.8 | 1.7 | 1,300,325 | 34.5 | 2.1 |
| Alaska | 199,746 | 36.3 | 0.3 | 185,032 | 33.7 | 0.3 | 107,946 | 19.6 | 0.2 | 56,797 | 10.3 | 0.1 |
| Arizona | 1,669,361 | 31.5 | 2.7 | 1,403,585 | 26.5 | 2.0 | 1,144,692 | 21.6 | 2.0 | 1,085,379 | 20.5 | 1.8 |
| Arkansas | 273,149 | 12.0 | 0.4 | 644,191 | 28.2 | 0.9 | 635,273 | 27.8 | 1.1 | 730,389 | 32.0 | 1.2 |
| California | 7,416,400 | 24.7 | 11.9 | 8,244,036 | 27.5 | 11.8 | 7,283,084 | 24.3 | 12.5 | 7,031,466 | 23.5 | 11.4 |
| Colorado | 1,487,708 | 35.0 | 2.4 | 1,096,658 | 25.8 | 1.6 | 842,640 | 19.8 | 1.5 | 825,257 | 19.4 | 1.3 |
| Connecticut | 569,666 | 20.2 | 0.9 | 857,917 | 30.4 | 1.2 | 646,903 | 22.9 | 1.1 | 746,139 | 26.5 | 1.2 |
| Delaware | 174,634 | 23.4 | 0.3 | 279,792 | 37.5 | 0.4 | 143,056 | 19.2 | 0.2 | 148,587 | 19.9 | 0.2 |
| District of Columbia | 36,742 | 6.6 | 0.1 | 51,787 | 9.3 | 0.1 | 134,670 | 24.1 | 0.2 | 335,759 | 60.1 | 0.5 |
| Florida | 3,286,645 | 20.0 | 5.3 | 4,752,521 | 28.9 | 6.8 | 3,940,948 | 24.0 | 6.8 | 4,442,784 | 27.1 | 7.2 |
| Georgia | 1,755,990 | 22.5 | 2.8 | 2,086,742 | 26.8 | 3.0 | 1,930,135 | 24.8 | 3.3 | 2,018,022 | 25.9 | 3.3 |
| Hawaii | 381,465 | 34.3 | 0.6 | 268,240 | 24.1 | 0.4 | 247,184 | 22.2 | 0.4 | 216,783 | 19.5 | 0.4 |
| Idaho | 299,043 | 23.9 | 0.5 | 369,847 | 29.6 | 0.5 | 295,460 | 23.7 | 0.5 | 284,283 | 22.8 | 0.5 |
| Illinois | 2,399,939 | 24.3 | 3.9 | 2,875,108 | 29.1 | 4.1 | 2,279,681 | 23.0 | 3.9 | 2,337,554 | 23.6 | 3.8 |
| Indiana | 1,594,158 | 31.5 | 2.6 | 1,680,084 | 33.2 | 2.4 | 1,004,840 | 19.9 | 1.7 | 778,045 | 15.4 | 1.3 |
| Iowa | 570,967 | 23.8 | 0.9 | 928,014 | 38.6 | 1.3 | 532,866 | 22.2 | 0.9 | 370,620 | 15.4 | 0.6 |
| Kansas | 761,136 | 34.7 | 1.2 | 619,970 | 28.3 | 0.9 | 414,082 | 18.9 | 0.7 | 398,028 | 18.1 | 0.6 |
| Kentucky | 653,838 | 19.1 | 1.1 | 802,825 | 23.5 | 1.2 | 880,145 | 25.7 | 1.5 | 1,085,729 | 31.7 | 1.8 |
| Louisiana | 322,893 | 9.1 | 0.5 | 788,448 | 22.2 | 1.1 | 974,405 | 27.4 | 1.7 | 1,466,878 | 41.3 | 2.4 |
| Maine | 227,057 | 21.1 | 0.4 | 304,263 | 28.2 | 0.4 | 290,841 | 27.0 | 0.5 | 255,991 | 23.7 | 0.4 |
| Maryland | 1,998,029 | 43.0 | 3.2 | 1,234,412 | 26.6 | 1.8 | 712,722 | 15.4 | 1.2 | 697,871 | 15.0 | 1.1 |
| Massachusetts | 864,371 | 15.9 | 1.4 | 1,663,357 | 30.5 | 2.4 | 1,478,113 | 27.1 | 2.5 | 1,439,076 | 26.4 | 2.3 |
| Michigan | 2,025,375 | 26.2 | 3.3 | 2,475,789 | 32.0 | 3.6 | 1,673,905 | 21.7 | 2.9 | 1,553,082 | 20.1 | 2.5 |
| Minnesota | 1,254,935 | 29.7 | 2.0 | 1,382,391 | 32.7 | 2.0 | 919,173 | 21.7 | 1.6 | 675,996 | 16.0 | 1.1 |
| Mississippi | 332,444 | 14.7 | 0.5 | 450,563 | 19.9 | 0.6 | 571,900 | 25.2 | 1.0 | 913,454 | 40.3 | 1.5 |
| Missouri | 1,331,950 | 28.3 | 2.1 | 1,344,056 | 28.6 | 1.9 | 1,071,205 | 22.8 | 1.8 | 957,765 | 20.4 | 1.6 |
| Montana | 104,046 | 12.8 | 0.2 | 216,651 | 26.6 | 0.3 | 250,140 | 30.7 | 0.4 | 242,726 | 29.8 | 0.4 |
| Nebraska | 467,742 | 32.8 | 0.8 | 473,365 | 33.2 | 0.7 | 275,271 | 19.3 | 0.5 | 208,345 | 14.6 | 0.3 |
| Nevada | 832,842 | 37.0 | 1.3 | 591,965 | 26.3 | 0.8 | 438,014 | 19.5 | 0.8 | 385,539 | 17.1 | 0.6 |
| New Hampshire | 322,591 | 29.8 | 0.5 | 400,849 | 37.1 | 0.6 | 193,717 | 17.9 | 0.3 | 163,902 | 15.2 | 0.3 |
| New Jersey | 1,591,829 | 23.1 | 2.6 | 2,014,223 | 29.2 | 2.9 | 1,693,531 | 24.6 | 2.9 | 1,596,151 | 23.1 | 2.6 |
| New Mexico | 251,692 | 16.1 | 0.4 | 392,443 | 25.0 | 0.6 | 387,164 | 24.7 | 0.7 | 536,105 | 34.2 | 0.9 |
| New York | 2,602,708 | 16.9 | 4.2 | 3,780,215 | 24.5 | 5.4 | 3,660,143 | 23.7 | 6.3 | 5,380,080 | 34.9 | 8.7 |
| North Carolina | 1,666,377 | 21.3 | 2.7 | 2,128,183 | 27.1 | 3.1 | 1,920,511 | 24.5 | 3.3 | 2,123,712 | 27.1 | 3.4 |
| North Dakota | 91,610 | 15.8 | 0.1 | 138,331 | 23.9 | 0.2 | 185,294 | 32.0 | 0.3 | 163,248 | 28.2 | 0.3 |
| Ohio | 2,670,737 | 29.6 | 4.3 | 2,644,831 | 29.4 | 3.8 | 1,874,248 | 20.8 | 3.2 | 1,819,377 | 20.2 | 3.0 |
| Oklahoma | 617,672 | 20.9 | 1.0 | 829,531 | 28.0 | 1.2 | 739,053 | 25.0 | 1.3 | 773,171 | 26.1 | 1.3 |
| Oregon | 728,692 | 22.7 | 1.2 | 1,006,023 | 31.3 | 1.4 | 815,668 | 25.4 | 1.4 | 663,382 | 20.6 | 1.1 |
| Pennsylvania | 2,195,561 | 21.8 | 3.5 | 3,382,965 | 33.5 | 4.9 | 2,371,129 | 23.5 | 4.1 | 2,134,318 | 21.2 | 3.5 |
| Puerto Rico | 68,354 | 2.5 | 0.1 | 216,035 | 8.0 | 0.3 | 522,134 | 19.4 | 0.9 | 1,890,416 | 70.1 | 3.1 |
| Rhode Island | 156,677 | 18.5 | 0.3 | 179,549 | 21.2 | 0.3 | 229,857 | 27.1 | 0.4 | 281,659 | 33.2 | 0.5 |
| South Carolina | 735,136 | 19.2 | 1.2 | 992,466 | 25.9 | 1.4 | 1,014,122 | 26.4 | 1.7 | 1,096,204 | 28.6 | 1.8 |
| South Dakota | 175,952 | 27.0 | 0.3 | 182,047 | 28.0 | 0.3 | 136,236 | 20.9 | 0.2 | 156,988 | 24.1 | 0.3 |
| Tennessee | 1,072,356 | 20.9 | 1.7 | 1,286,309 | 25.0 | 1.8 | 1,244,167 | 24.2 | 2.1 | 1,537,560 | 29.9 | 2.5 |
| Texas | 6,122,816 | 29.8 | 9.9 | 5,208,591 | 25.4 | 7.5 | 4,535,161 | 22.1 | 7.8 | 4,668,420 | 22.7 | 7.6 |
| Utah | 1,138,537 | 53.6 | 1.8 | 433,704 | 20.4 | 0.6 | 302,854 | 14.3 | 0.5 | 248,896 | 11.7 | 0.4 |
| Vermont | 83,967 | 16.6 | 0.1 | 146,649 | 28.9 | 0.2 | 174,335 | 34.4 | 0.3 | 101,680 | 20.1 | 0.2 |
| Virginia | 2,544,431 | 39.0 | 4.1 | 1,633,594 | 25.0 | 2.3 | 1,225,051 | 18.8 | 2.1 | 1,124,366 | 17.2 | 1.8 |
| Washington | 1,779,114 | 31.4 | 2.9 | 1,679,665 | 29.7 | 2.4 | 1,237,809 | 21.9 | 2.1 | 962,146 | 17.0 | 1.6 |
| West Virginia | 174,644 | 12.0 | 0.3 | 405,693 | 27.9 | 0.6 | 446,107 | 30.6 | 0.8 | 429,237 | 29.5 | 0.7 |
| Wisconsin | 1,315,427 | 29.3 | 2.1 | 1,526,291 | 34.0 | 2.2 | 949,174 | 21.1 | 1.6 | 697,454 | 15.5 | 1.1 |
| Wyoming | 134,755 | 30.3 | 0.2 | 128,314 | 28.9 | 0.2 | 98,492 | 22.2 | 0.2 | 82,556 | 18.6 | 0.1 |
| Total | 62,123,396 | 24.7 | 100 | 69,711,060 | 27.7 | 100 | 58,047,496 | 23.1 | 100 | 61,619,697 | 24.5 | 100 |

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

Note. Proportion of household income distribution within the census tract during the 12 months before the survey response.

- ^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 A1. Diagnoses of HIV infection among Black/African American adults, by transmission category, sex at birth, and selected social determinants of health, 2018—census tract level, United States and Puerto Rico

| | Male-to-male sexual contact | | Injection drug use | | Male-to-male sexual contact and injection drug use | | Heterosexual contact ^a | |
|--|-----------------------------|------------|--------------------|------------|--|------------|-----------------------------------|------------|
| | No. | % | No. | % | No. | % | No. | % |
| Male | | | | | | | | |
| Below federal poverty level (%) | | | | | | | | |
| <6 | 696 | 8.7 | 28 | 8.5 | 10 | 4.7 | 139 | 9.3 |
| 6.00–10.99 | 1,334 | 16.7 | 43 | 13.3 | 37 | 17.6 | 252 | 16.9 |
| 11.00–17.99 | 2,029 | 25.4 | 82 | 25.0 | 45 | 21.5 | 357 | 23.9 |
| ≥18 | 3,929 | 49.2 | 174 | 53.2 | 118 | 56.3 | 746 | 49.9 |
| Less than high school diploma (%) | | | | | | | | |
| <6 | 1,066 | 13.3 | 33 | 10.2 | 19 | 9.0 | 157 | 10.5 |
| 6.00–9.99 | 1,298 | 16.2 | 42 | 12.9 | 31 | 15.0 | 193 | 12.9 |
| 10.00–17.99 | 2,611 | 32.7 | 106 | 32.5 | 72 | 34.5 | 498 | 33.3 |
| ≥18 | 3,015 | 37.7 | 145 | 44.5 | 87 | 41.5 | 648 | 43.3 |
| Median household income (U.S. \$) | | | | | | | | |
| <42,000 | 3,817 | 47.8 | 165 | 50.7 | 104 | 49.9 | 726 | 48.7 |
| 42,000–56,999 | 1,916 | 24.0 | 77 | 23.6 | 47 | 22.3 | 370 | 24.8 |
| 57,000–77,999 | 1,367 | 17.1 | 46 | 14.2 | 36 | 17.0 | 239 | 16.0 |
| ≥78,000 | 880 | 11.0 | 38 | 11.5 | 22 | 10.7 | 158 | 10.6 |
| Without health insurance (%) | | | | | | | | |
| <5 | 729 | 9.1 | 39 | 12.1 | 23 | 11.2 | 150 | 10.1 |
| 5.00–8.99 | 1,336 | 16.7 | 61 | 18.7 | 38 | 17.9 | 219 | 14.6 |
| 9.00–14.99 | 2,206 | 27.6 | 99 | 30.2 | 60 | 28.6 | 354 | 23.7 |
| ≥15 | 3,719 | 46.5 | 128 | 39.1 | 88 | 42.3 | 771 | 51.6 |
| Gini index (%) | | | | | | | | |
| <38 | 1,469 | 18.4 | 39 | 11.8 | 36 | 17.3 | 255 | 17.1 |
| 38.00–41.99 | 1,786 | 22.4 | 81 | 24.9 | 33 | 15.6 | 333 | 22.3 |
| 42.00–45.99 | 1,843 | 23.1 | 73 | 22.4 | 44 | 21.1 | 367 | 24.6 |
| ≥46 | 2,887 | 36.2 | 134 | 40.9 | 96 | 46.0 | 537 | 36.0 |
| Subtotal^b | 8,140 | 100 | 335 | 100 | 215 | 100 | 1,510 | 100 |
| Female | | | | | | | | |
| Below federal poverty level (%) | | | | | | | | |
| <6 | — | — | 20 | 7.6 | — | — | 281 | 8.6 |
| 6.00–10.99 | — | — | 36 | 13.9 | — | — | 519 | 15.9 |
| 11.00–17.99 | — | — | 58 | 22.1 | — | — | 834 | 25.6 |
| ≥18 | — | — | 147 | 56.4 | — | — | 1,620 | 49.8 |
| Less than high school diploma (%) | | | | | | | | |
| <6 | — | — | 19 | 7.4 | — | — | 314 | 9.6 |
| 6.00–9.99 | — | — | 39 | 14.8 | — | — | 461 | 14.2 |
| 10.00–17.99 | — | — | 91 | 34.9 | — | — | 1,093 | 33.6 |
| ≥18 | — | — | 112 | 42.8 | — | — | 1,387 | 42.6 |
| Median household income (U.S. \$) | | | | | | | | |
| <42,000 | — | — | 138 | 53.1 | — | — | 1,610 | 49.5 |
| 42,000–56,999 | — | — | 64 | 24.5 | — | — | 755 | 23.2 |
| 57,000–77,999 | — | — | 35 | 13.5 | — | — | 530 | 16.3 |
| ≥78,000 | — | — | 23 | 8.9 | — | — | 356 | 11.0 |
| Without health insurance (%) | | | | | | | | |
| <5 | — | — | 24 | 9.4 | — | — | 311 | 9.6 |
| 5.00–8.99 | — | — | 45 | 17.3 | — | — | 480 | 14.7 |
| 9.00–14.99 | — | — | 77 | 29.7 | — | — | 828 | 25.4 |
| ≥15 | — | — | 114 | 43.7 | — | — | 1,635 | 50.2 |
| Gini index (%) | | | | | | | | |
| <38 | — | — | 30 | 11.6 | — | — | 568 | 17.4 |
| 38.00–41.99 | — | — | 45 | 17.4 | — | — | 784 | 24.1 |
| 42.00–45.99 | — | — | 65 | 24.7 | — | — | 757 | 23.3 |
| ≥46 | — | — | 121 | 46.2 | — | — | 1,145 | 35.2 |
| Subtotal^b | — | — | 264 | 100 | — | — | 3,315 | 100 |
| Total | 8,140 | 100 | 598 | 100 | 215 | 100 | 4,825 | 100 |

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

Note. Row entries indicate categories based on census tracts; 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/2018_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 2018 in these areas. See Technical Notes for exclusion criteria.

Table A2. Diagnoses of HIV infection among Hispanic/Latino adults, by transmission category, sex at birth, and selected social determinants of health, 2018—census tract level, United States and Puerto Rico

| | Male-to-male sexual contact | | Injection drug use | | Male-to-male sexual contact and injection drug use | | Heterosexual contact ^a | |
|--|-----------------------------|------------|--------------------|------------|--|------------|-----------------------------------|------------|
| | No. | % | No. | % | No. | % | No. | % |
| Male | | | | | | | | |
| Below federal poverty level (%) | | | | | | | | |
| <6 | 629 | 9.2 | 21 | 8.1 | 29 | 10.3 | 47 | 8.4 |
| 6.00–10.99 | 1,427 | 21.0 | 52 | 19.8 | 57 | 19.9 | 92 | 16.6 |
| 11.00–17.99 | 1,890 | 27.8 | 56 | 21.4 | 77 | 27.2 | 120 | 21.5 |
| ≥18 | 2,860 | 42.0 | 132 | 50.7 | 121 | 42.5 | 297 | 53.4 |
| Less than high school diploma (%) | | | | | | | | |
| <6 | 843 | 12.4 | 27 | 10.2 | 37 | 13.1 | 45 | 8.1 |
| 6.00–9.99 | 837 | 12.3 | 23 | 8.6 | 36 | 12.5 | 70 | 12.5 |
| 10.00–17.99 | 1,598 | 23.5 | 57 | 21.8 | 63 | 22.1 | 134 | 24.1 |
| ≥18 | 3,533 | 51.9 | 155 | 59.4 | 149 | 52.2 | 308 | 55.3 |
| Median household income (U.S. \$) | | | | | | | | |
| <42,000 | 2,409 | 35.4 | 111 | 42.6 | 103 | 36.0 | 262 | 47.2 |
| 42,000–56,999 | 1,865 | 27.4 | 71 | 27.4 | 75 | 26.2 | 143 | 25.7 |
| 57,000–77,999 | 1,503 | 22.1 | 44 | 16.9 | 55 | 19.4 | 85 | 15.3 |
| ≥78,000 | 1,025 | 15.1 | 34 | 13.1 | 52 | 18.4 | 66 | 11.8 |
| Without health insurance (%) | | | | | | | | |
| <5 | 599 | 8.8 | 28 | 10.6 | 36 | 12.8 | 44 | 7.9 |
| 5.00–8.99 | 1,021 | 15.0 | 55 | 21.0 | 56 | 19.6 | 86 | 15.5 |
| 9.00–14.99 | 1,579 | 23.2 | 63 | 24.4 | 72 | 25.4 | 126 | 22.7 |
| ≥15 | 3,608 | 53.0 | 115 | 44.1 | 120 | 42.2 | 299 | 53.9 |
| Gini index (%) | | | | | | | | |
| <38 | 1,366 | 20.1 | 45 | 17.2 | 64 | 22.5 | 95 | 17.1 |
| 38.00–41.99 | 1,736 | 25.5 | 75 | 28.9 | 73 | 25.6 | 131 | 23.5 |
| 42.00–45.99 | 1,665 | 24.5 | 68 | 26.2 | 64 | 22.6 | 135 | 24.3 |
| ≥46 | 2,038 | 29.9 | 72 | 27.7 | 83 | 29.3 | 195 | 35.1 |
| Subtotal^b | 6,892 | 100 | 264 | 100 | 288 | 100 | 561 | 100 |
| Female | | | | | | | | |
| Below federal poverty level (%) | | | | | | | | |
| <6 | — | — | 8 | 6.1 | — | — | 77 | 7.8 |
| 6.00–10.99 | — | — | 22 | 16.2 | — | — | 150 | 15.2 |
| 11.00–17.99 | — | — | 31 | 23.0 | — | — | 255 | 25.8 |
| ≥18 | — | — | 73 | 54.7 | — | — | 506 | 51.2 |
| Less than high school diploma (%) | | | | | | | | |
| <6 | — | — | 10 | 7.6 | — | — | 76 | 7.7 |
| 6.00–9.99 | — | — | 12 | 9.0 | — | — | 95 | 9.6 |
| 10.00–17.99 | — | — | 30 | 22.3 | — | — | 227 | 23.0 |
| ≥18 | — | — | 81 | 61.1 | — | — | 590 | 59.7 |
| Median household income (U.S. \$) | | | | | | | | |
| <42,000 | — | — | 63 | 47.4 | — | — | 460 | 46.5 |
| 42,000–56,999 | — | — | 38 | 28.9 | — | — | 257 | 26.0 |
| 57,000–77,999 | — | — | 19 | 14.4 | — | — | 162 | 16.4 |
| ≥78,000 | — | — | 12 | 9.3 | — | — | 110 | 11.1 |
| Without health insurance (%) | | | | | | | | |
| <5 | — | — | 14 | 10.2 | — | — | 83 | 8.3 |
| 5.00–8.99 | — | — | 25 | 18.6 | — | — | 142 | 14.4 |
| 9.00–14.99 | — | — | 30 | 22.2 | — | — | 230 | 23.3 |
| ≥15 | — | — | 65 | 49.1 | — | — | 533 | 54.0 |
| Gini index (%) | | | | | | | | |
| <38 | — | — | 17 | 12.7 | — | — | 168 | 17.0 |
| 38.00–41.99 | — | — | 37 | 27.5 | — | — | 247 | 25.0 |
| 42.00–45.99 | — | — | 29 | 21.9 | — | — | 236 | 23.8 |
| ≥46 | — | — | 50 | 37.9 | — | — | 337 | 34.1 |
| Subtotal^b | — | — | 135 | 100 | — | — | 1,002 | 100 |
| Total^c | 6,892 | 100 | 399 | 100 | 288 | 100 | 1,563 | 100 |

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

Note. Hispanics/Latinos can be of any race. Row entries indicate categories based on census tracts; 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/2018_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 2018 in these areas. See Technical Notes for exclusion criteria.

Table A3. Diagnoses of HIV infection among white adults, by transmission category, sex at birth, and selected social determinants of health, 2018—census tract level, United States and Puerto Rico

| | Male-to-male sexual contact | | Injection drug use | | Male-to-male sexual contact and injection drug use | | Heterosexual contact ^a | |
|--|-----------------------------|------------|--------------------|------------|--|------------|-----------------------------------|------------|
| | No. | % | No. | % | No. | % | No. | % |
| Male | | | | | | | | |
| Below federal poverty level (%) | | | | | | | | |
| <6 | 1,173 | 20.9 | 59 | 14.1 | 99 | 18.4 | 97 | 25.6 |
| 6.00–10.99 | 1,609 | 28.6 | 83 | 19.8 | 136 | 25.3 | 108 | 28.3 |
| 11.00–17.99 | 1,430 | 25.5 | 112 | 26.6 | 148 | 27.6 | 83 | 21.8 |
| ≥18 | 1,405 | 25.0 | 166 | 39.5 | 154 | 28.7 | 93 | 24.4 |
| Less than high school diploma (%) | | | | | | | | |
| <6 | 1,722 | 30.6 | 67 | 16.1 | 160 | 29.9 | 78 | 20.5 |
| 6.00–9.99 | 1,264 | 22.5 | 82 | 19.7 | 106 | 19.6 | 100 | 26.3 |
| 10.00–17.99 | 1,519 | 27.0 | 119 | 28.3 | 162 | 30.1 | 123 | 32.4 |
| ≥18 | 1,113 | 19.8 | 151 | 36.0 | 110 | 20.4 | 79 | 20.8 |
| Median household income (U.S. \$) | | | | | | | | |
| <42,000 | 1,250 | 22.3 | 160 | 38.3 | 143 | 26.6 | 82 | 21.6 |
| 42,000–56,999 | 1,393 | 24.8 | 90 | 21.6 | 156 | 29.1 | 99 | 25.9 |
| 57,000–77,999 | 1,532 | 27.3 | 100 | 23.9 | 122 | 22.8 | 115 | 30.3 |
| ≥78,000 | 1,441 | 25.7 | 68 | 16.2 | 116 | 21.5 | 84 | 22.2 |
| Without health insurance (%) | | | | | | | | |
| <5 | 1,276 | 22.7 | 74 | 17.6 | 117 | 21.7 | 68 | 17.7 |
| 5.00–8.99 | 1,389 | 24.7 | 113 | 26.8 | 143 | 26.7 | 92 | 24.1 |
| 9.00–14.99 | 1,484 | 26.4 | 109 | 26.0 | 130 | 24.1 | 105 | 27.6 |
| ≥15 | 1,467 | 26.1 | 124 | 29.6 | 147 | 27.4 | 116 | 30.5 |
| Gini index (%) | | | | | | | | |
| <38 | 1,236 | 22.0 | 96 | 22.9 | 104 | 19.3 | 92 | 24.2 |
| 38.00–41.99 | 1,389 | 24.7 | 92 | 22.0 | 142 | 26.4 | 93 | 24.5 |
| 42.00–45.99 | 1,358 | 24.2 | 100 | 23.9 | 110 | 20.4 | 95 | 25.1 |
| ≥46 | 1,633 | 29.1 | 130 | 31.2 | 182 | 33.9 | 100 | 26.3 |
| Subtotal^b | 5,724 | 100 | 428 | 100 | 547 | 100 | 383 | 100 |
| Female | | | | | | | | |
| Below federal poverty level (%) | | | | | | | | |
| <6 | — | — | 45 | 11.5 | — | — | 132 | 16.3 |
| 6.00–10.99 | — | — | 101 | 25.5 | — | — | 186 | 23.0 |
| 11.00–17.99 | — | — | 82 | 20.8 | — | — | 233 | 28.9 |
| ≥18 | — | — | 167 | 42.3 | — | — | 257 | 31.8 |
| Less than high school diploma (%) | | | | | | | | |
| <6 | — | — | 60 | 15.3 | — | — | 147 | 18.2 |
| 6.00–9.99 | — | — | 68 | 17.2 | — | — | 167 | 20.7 |
| 10.00–17.99 | — | — | 127 | 32.1 | — | — | 257 | 31.8 |
| ≥18 | — | — | 140 | 35.5 | — | — | 237 | 29.3 |
| Median household income (U.S. \$) | | | | | | | | |
| <42,000 | — | — | 150 | 38.1 | — | — | 247 | 30.6 |
| 42,000–56,999 | — | — | 106 | 26.9 | — | — | 251 | 31.1 |
| 57,000–77,999 | — | — | 81 | 20.5 | — | — | 169 | 20.9 |
| ≥78,000 | — | — | 57 | 14.5 | — | — | 141 | 17.5 |
| Without health insurance (%) | | | | | | | | |
| <5 | — | — | 81 | 20.4 | — | — | 131 | 16.2 |
| 5.00–8.99 | — | — | 78 | 19.8 | — | — | 181 | 22.4 |
| 9.00–14.99 | — | — | 110 | 27.8 | — | — | 212 | 26.3 |
| ≥15 | — | — | 126 | 32.0 | — | — | 284 | 35.1 |
| Gini index (%) | | | | | | | | |
| <38 | — | — | 85 | 21.6 | — | — | 173 | 21.3 |
| 38.00–41.99 | — | — | 95 | 24.1 | — | — | 224 | 27.7 |
| 42.00–45.99 | — | — | 108 | 27.4 | — | — | 184 | 22.8 |
| ≥46 | — | — | 106 | 27.0 | — | — | 228 | 28.2 |
| Subtotal^b | — | — | 406 | 100 | — | — | 830 | 100 |
| Total^c | 5,724 | 100 | 833 | 100 | 547 | 100 | 1,212 | 100 |

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

Note. Row entries indicate categories based on census tracts; 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/2018_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 2018 in these areas. See Technical Notes for exclusion criteria.

Table B1. Diagnoses of HIV infection among Black/African American adults, by age at diagnosis, sex at birth, and selected social determinants of health, 2018—census tract level, United States and Puerto Rico

| | 18–24 years | | 25–34 years | | 35–44 years | | 45–54 years | | ≥55 years | |
|--|--------------|--------------|--------------|--------------|--------------|-------------|--------------|-------------|--------------|-------------|
| | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate |
| Male | | | | | | | | | | |
| Below federal poverty level (%) | | | | | | | | | | |
| <6 | 248 | 88.8 | 343 | 95.4 | 124 | 33.3 | 81 | 21.2 | 77 | 15.1 |
| 6.00–10.99 | 444 | 101.5 | 667 | 107.9 | 259 | 47.5 | 176 | 33.1 | 121 | 15.6 |
| 11.00–17.99 | 738 | 130.8 | 974 | 123.9 | 399 | 62.4 | 215 | 34.4 | 187 | 18.6 |
| ≥18 | 1,448 | 136.3 | 1,948 | 158.9 | 687 | 72.8 | 514 | 53.1 | 375 | 21.7 |
| Less than high school diploma (%) | | | | | | | | | | |
| <6 | 363 | 88.8 | 529 | 126.4 | 190 | 52.3 | 110 | 31.5 | 85 | 17.5 |
| 6.00–9.99 | 472 | 116.5 | 627 | 121.3 | 211 | 46.5 | 143 | 31.7 | 111 | 16.9 |
| 10.00–17.99 | 961 | 129.8 | 1,287 | 131.5 | 496 | 60.1 | 296 | 35.6 | 249 | 18.2 |
| ≥18 | 1,084 | 133.7 | 1,490 | 135.1 | 572 | 65.0 | 439 | 49.3 | 315 | 20.7 |
| Median household income (U.S. \$) | | | | | | | | | | |
| <42,000 | 1,447 | 142.7 | 1,902 | 158.9 | 631 | 68.2 | 490 | 51.6 | 347 | 19.9 |
| 42,000–56,999 | 694 | 120.1 | 908 | 116.2 | 394 | 62.9 | 209 | 35.0 | 206 | 22.2 |
| 57,000–77,999 | 449 | 105.7 | 700 | 118.4 | 270 | 52.2 | 158 | 31.8 | 111 | 15.3 |
| ≥78,000 | 284 | 91.6 | 416 | 102.8 | 174 | 41.3 | 129 | 28.5 | 95 | 15.4 |
| Without health insurance (%) | | | | | | | | | | |
| <5 | 241 | 75.1 | 353 | 99.1 | 154 | 46.5 | 103 | 29.9 | 92 | 17.4 |
| 5.00–8.99 | 490 | 100.8 | 636 | 105.9 | 232 | 44.7 | 168 | 32.0 | 129 | 15.3 |
| 9.00–14.99 | 786 | 117.1 | 1,080 | 124.1 | 403 | 55.1 | 256 | 35.2 | 196 | 16.5 |
| ≥15 | 1,363 | 156.7 | 1,864 | 160.4 | 680 | 74.1 | 459 | 50.6 | 343 | 23.5 |
| Gini index (%) | | | | | | | | | | |
| <38 | 541 | 111.7 | 724 | 110.7 | 257 | 42.6 | 161 | 27.6 | 117 | 15.3 |
| 38.00–41.99 | 636 | 118.8 | 877 | 122.0 | 338 | 56.9 | 212 | 35.5 | 171 | 18.9 |
| 42.00–45.99 | 643 | 121.0 | 938 | 137.3 | 343 | 60.2 | 221 | 38.8 | 183 | 19.1 |
| ≥46 | 1,057 | 134.9 | 1,390 | 150.4 | 531 | 73.1 | 392 | 52.2 | 288 | 20.8 |
| Subtotal^a | 2,950 | 124.7 | 3,985 | 132.1 | 1,495 | 59.3 | 1,010 | 40.1 | 769 | 19.1 |
| Female | | | | | | | | | | |
| Below federal poverty level (%) | | | | | | | | | | |
| <6 | 26 | 11.2 | 64 | 18.7 | 79 | 20.2 | 72 | 17.6 | 62 | 10.2 |
| 6.00–10.99 | 78 | 19.8 | 119 | 19.5 | 129 | 21.6 | 113 | 19.2 | 119 | 11.8 |
| 11.00–17.99 | 125 | 23.2 | 224 | 27.5 | 227 | 32.1 | 167 | 23.5 | 150 | 11.3 |
| ≥18 | 242 | 21.7 | 519 | 37.2 | 417 | 37.2 | 325 | 28.4 | 277 | 11.8 |
| Less than high school diploma (%) | | | | | | | | | | |
| <6 | 35 | 8.6 | 87 | 20.2 | 75 | 18.9 | 72 | 18.6 | 69 | 11.3 |
| 6.00–9.99 | 60 | 15.1 | 124 | 22.6 | 120 | 22.8 | 103 | 20.1 | 93 | 10.8 |
| 10.00–17.99 | 161 | 21.8 | 305 | 28.3 | 291 | 30.1 | 235 | 23.9 | 200 | 10.9 |
| ≥18 | 215 | 28.8 | 410 | 37.0 | 366 | 39.5 | 267 | 27.6 | 246 | 12.4 |
| Median household income (U.S. \$) | | | | | | | | | | |
| <42,000 | 240 | 22.5 | 512 | 37.0 | 425 | 38.1 | 325 | 28.5 | 258 | 10.8 |
| 42,000–56,999 | 118 | 22.1 | 210 | 26.4 | 189 | 27.7 | 148 | 21.8 | 158 | 12.7 |
| 57,000–77,999 | 73 | 18.8 | 124 | 21.1 | 150 | 26.3 | 114 | 20.5 | 106 | 11.3 |
| ≥78,000 | 40 | 14.3 | 80 | 20.2 | 87 | 19.5 | 90 | 18.9 | 86 | 11.7 |
| Without health insurance (%) | | | | | | | | | | |
| <5 | 36 | 12.4 | 69 | 20.8 | 82 | 24.3 | 76 | 21.1 | 77 | 11.7 |
| 5.00–8.99 | 67 | 14.7 | 127 | 20.4 | 135 | 23.4 | 97 | 16.5 | 103 | 9.5 |
| 9.00–14.99 | 115 | 17.4 | 249 | 26.8 | 223 | 26.6 | 178 | 21.0 | 143 | 9.0 |
| ≥15 | 253 | 28.7 | 481 | 37.6 | 412 | 38.7 | 326 | 30.9 | 285 | 14.5 |
| Gini index (%) | | | | | | | | | | |
| <38 | 71 | 16.4 | 126 | 19.2 | 164 | 24.8 | 135 | 21.0 | 105 | 11.0 |
| 38.00–41.99 | 112 | 22.6 | 237 | 32.3 | 184 | 27.4 | 169 | 25.0 | 132 | 11.1 |
| 42.00–45.99 | 112 | 21.8 | 237 | 32.6 | 175 | 27.6 | 144 | 22.2 | 156 | 12.3 |
| ≥46 | 176 | 21.2 | 326 | 31.2 | 329 | 38.7 | 229 | 26.0 | 215 | 11.4 |
| Subtotal^a | 478 | 20.9 | 946 | 29.9 | 866 | 30.7 | 689 | 24.2 | 620 | 11.7 |
| Total^b | 3,428 | 73.7 | 4,931 | 79.8 | 2,361 | 44.2 | 1,699 | 31.6 | 1,389 | 14.9 |

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

Note. Row entries indicate categories based on census tracts; 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 SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2018_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 2018 in these areas. See Technical Notes for exclusion criteria.

Table B2. Diagnoses of HIV infection among Hispanic/Latino adults, by age at diagnosis, sex at birth, and selected social determinants of health, 2018—census tract level, United States and Puerto Rico

| | 18–24 years | | 25–34 years | | 35–44 years | | 45–54 years | | ≥55 years | |
|--|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|------------|-------------|
| | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate |
| Male | | | | | | | | | | |
| Below federal poverty level (%) | | | | | | | | | | |
| <6 | 141 | 32.0 | 302 | 50.8 | 144 | 23.7 | 96 | 18.4 | 43 | 7.6 |
| 6.00–10.99 | 327 | 41.9 | 669 | 58.6 | 353 | 34.0 | 190 | 23.2 | 90 | 9.6 |
| 11.00–17.99 | 403 | 42.3 | 907 | 65.6 | 431 | 35.4 | 280 | 29.7 | 122 | 11.2 |
| ≥18 | 723 | 50.3 | 1,306 | 71.3 | 697 | 44.6 | 464 | 36.8 | 221 | 12.7 |
| Less than high school diploma (%) | | | | | | | | | | |
| <6 | 187 | 37.5 | 406 | 73.2 | 187 | 37.6 | 118 | 28.5 | 54 | 11.4 |
| 6.00–9.99 | 197 | 44.0 | 403 | 62.5 | 207 | 35.4 | 102 | 22.5 | 56 | 10.4 |
| 10.00–17.99 | 348 | 41.6 | 768 | 64.3 | 379 | 35.0 | 247 | 29.1 | 112 | 10.8 |
| ≥18 | 862 | 46.6 | 1,609 | 62.3 | 856 | 37.5 | 564 | 30.7 | 255 | 11.1 |
| Median household income (U.S. \$) | | | | | | | | | | |
| <42,000 | 618 | 51.3 | 1,097 | 70.7 | 574 | 43.3 | 414 | 38.6 | 182 | 11.6 |
| 42,000–56,999 | 421 | 41.9 | 888 | 64.1 | 443 | 36.9 | 263 | 28.2 | 140 | 13.1 |
| 57,000–77,999 | 330 | 40.8 | 719 | 61.1 | 346 | 32.7 | 202 | 24.4 | 92 | 10.0 |
| ≥78,000 | 225 | 38.6 | 478 | 57.7 | 261 | 31.2 | 151 | 21.3 | 62 | 8.0 |
| Without health insurance (%) | | | | | | | | | | |
| <5 | 144 | 31.9 | 295 | 56.6 | 136 | 27.6 | 84 | 19.2 | 48 | 8.0 |
| 5.00–8.99 | 250 | 39.1 | 475 | 56.0 | 241 | 31.3 | 166 | 26.1 | 85 | 9.8 |
| 9.00–14.99 | 367 | 43.1 | 768 | 64.1 | 379 | 36.0 | 219 | 26.2 | 108 | 10.5 |
| ≥15 | 833 | 49.6 | 1,647 | 69.1 | 869 | 41.2 | 561 | 34.2 | 235 | 12.8 |
| Gini index (%) | | | | | | | | | | |
| <38 | 323 | 35.4 | 655 | 52.4 | 326 | 27.9 | 191 | 21.0 | 75 | 8.0 |
| 38.00–41.99 | 415 | 42.9 | 829 | 61.7 | 401 | 32.9 | 255 | 26.3 | 116 | 10.4 |
| 42.00–45.99 | 396 | 49.2 | 742 | 64.8 | 405 | 40.3 | 269 | 33.6 | 122 | 12.1 |
| ≥46 | 460 | 50.0 | 957 | 79.2 | 493 | 48.0 | 315 | 36.6 | 163 | 12.9 |
| Subtotal^a | 1,616 | 44.5 | 3,222 | 64.8 | 1,646 | 37.0 | 1,043 | 29.3 | 482 | 11.1 |
| Female | | | | | | | | | | |
| Below federal poverty level (%) | | | | | | | | | | |
| <6 | 13 | 3.3 | 27 | 4.8 | 23 | 3.7 | 12 | 2.2 | 10 | 1.5 |
| 6.00–10.99 | 19 | 2.6 | 37 | 3.5 | 48 | 4.8 | 38 | 4.7 | 30 | 2.7 |
| 11.00–17.99 | 30 | 3.4 | 69 | 5.6 | 70 | 6.2 | 64 | 7.1 | 53 | 4.2 |
| ≥18 | 67 | 4.9 | 151 | 8.9 | 125 | 8.3 | 142 | 11.2 | 95 | 4.6 |
| Less than high school diploma (%) | | | | | | | | | | |
| <6 | 13 | 2.7 | 18 | 3.3 | 24 | 4.6 | 18 | 4.0 | 13 | 2.2 |
| 6.00–9.99 | 15 | 3.4 | 33 | 5.4 | 24 | 4.1 | 20 | 4.3 | 15 | 2.2 |
| 10.00–17.99 | 25 | 3.2 | 58 | 5.2 | 57 | 5.5 | 72 | 8.5 | 45 | 3.7 |
| ≥18 | 76 | 4.5 | 175 | 7.7 | 161 | 7.6 | 146 | 8.2 | 115 | 4.4 |
| Median household income (U.S. \$) | | | | | | | | | | |
| <42,000 | 62 | 5.4 | 136 | 9.5 | 119 | 9.2 | 121 | 11.0 | 86 | 4.6 |
| 42,000–56,999 | 33 | 3.6 | 71 | 5.7 | 70 | 6.2 | 70 | 7.7 | 52 | 4.2 |
| 57,000–77,999 | 17 | 2.2 | 48 | 4.4 | 50 | 5.0 | 40 | 5.0 | 26 | 2.4 |
| ≥78,000 | 17 | 3.1 | 29 | 3.7 | 27 | 3.2 | 25 | 3.4 | 24 | 2.6 |
| Without health insurance (%) | | | | | | | | | | |
| <5 | 12 | 2.8 | 26 | 5.1 | 20 | 3.9 | 19 | 4.1 | 19 | 2.6 |
| 5.00–8.99 | 18 | 2.9 | 32 | 3.9 | 45 | 5.8 | 43 | 6.6 | 29 | 2.7 |
| 9.00–14.99 | 27 | 3.3 | 65 | 5.9 | 58 | 5.7 | 58 | 6.8 | 52 | 4.2 |
| ≥15 | 72 | 4.6 | 161 | 7.6 | 143 | 7.3 | 136 | 8.7 | 88 | 4.2 |
| Gini index (%) | | | | | | | | | | |
| <38 | 24 | 2.9 | 53 | 4.6 | 48 | 4.3 | 40 | 4.5 | 20 | 1.9 |
| 38.00–41.99 | 33 | 3.6 | 62 | 5.0 | 70 | 6.0 | 66 | 6.9 | 53 | 4.1 |
| 42.00–45.99 | 30 | 4.0 | 68 | 6.5 | 69 | 7.2 | 61 | 7.6 | 38 | 3.2 |
| ≥46 | 42 | 4.7 | 101 | 9.1 | 79 | 7.8 | 89 | 10.0 | 77 | 4.9 |
| Subtotal^a | 134 | 3.9 | 289 | 6.3 | 269 | 6.3 | 259 | 7.3 | 189 | 3.7 |
| Total^b | 1,750 | 24.9 | 3,511 | 36.9 | 1,915 | 22.0 | 1,302 | 18.4 | 671 | 7.1 |

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

Note. Hispanics/Latinos can be of any race. Row entries indicate categories based on census tracts; 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 indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2018_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 2018 in these areas. See Technical Notes for exclusion criteria.

Table B3. Diagnoses of HIV infection among white adults, by age at diagnosis, sex at birth, and selected social determinants of health, 2018—census tract level, United States and Puerto Rico

| | 18–24 years | | 25–34 years | | 35–44 years | | 45–54 years | | ≥55 years | |
|--|--------------|-------------|--------------|-------------|--------------|-------------|--------------|------------|--------------|------------|
| | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate |
| Male | | | | | | | | | | |
| Below federal poverty level (%) | | | | | | | | | | |
| <6 | 227 | 10.4 | 451 | 13.6 | 253 | 6.7 | 277 | 6.0 | 222 | 2.2 |
| 6.00–10.99 | 282 | 12.1 | 623 | 15.4 | 372 | 9.9 | 352 | 8.2 | 308 | 3.0 |
| 11.00–17.99 | 227 | 12.1 | 643 | 20.3 | 386 | 14.4 | 286 | 9.5 | 231 | 3.2 |
| ≥18 | 253 | 11.8 | 677 | 32.0 | 385 | 25.0 | 295 | 17.6 | 209 | 5.3 |
| Less than high school diploma (%) | | | | | | | | | | |
| <6 | 295 | 8.9 | 674 | 16.4 | 401 | 10.1 | 359 | 7.7 | 300 | 2.9 |
| 6.00–9.99 | 225 | 10.6 | 525 | 15.7 | 295 | 9.5 | 269 | 7.5 | 239 | 2.8 |
| 10.00–17.99 | 289 | 13.5 | 641 | 18.4 | 400 | 12.6 | 343 | 9.3 | 251 | 2.9 |
| ≥18 | 180 | 18.3 | 555 | 32.5 | 300 | 20.2 | 239 | 14.0 | 180 | 4.6 |
| Median household income (U.S. \$) | | | | | | | | | | |
| <42,000 | 232 | 12.5 | 592 | 30.3 | 341 | 22.4 | 279 | 16.1 | 192 | 4.4 |
| 42,000–56,999 | 234 | 10.9 | 641 | 19.6 | 344 | 12.3 | 284 | 8.9 | 236 | 2.9 |
| 57,000–77,999 | 274 | 12.5 | 636 | 17.0 | 380 | 11.2 | 309 | 8.0 | 272 | 3.0 |
| ≥78,000 | 249 | 11.0 | 524 | 14.3 | 330 | 8.2 | 337 | 7.0 | 270 | 2.7 |
| Without health insurance (%) | | | | | | | | | | |
| <5 | 229 | 8.2 | 469 | 12.6 | 306 | 7.9 | 292 | 6.2 | 240 | 2.2 |
| 5.00–8.99 | 258 | 10.3 | 603 | 16.5 | 349 | 10.3 | 289 | 7.4 | 239 | 2.7 |
| 9.00–14.99 | 238 | 11.9 | 662 | 21.0 | 353 | 12.8 | 337 | 10.9 | 239 | 3.3 |
| ≥15 | 264 | 20.9 | 660 | 31.2 | 388 | 22.5 | 292 | 15.2 | 252 | 5.6 |
| Gini index (%) | | | | | | | | | | |
| <38 | 254 | 12.1 | 517 | 15.4 | 290 | 8.9 | 251 | 6.8 | 216 | 2.9 |
| 38.00–41.99 | 268 | 11.9 | 584 | 16.4 | 324 | 9.5 | 316 | 7.9 | 225 | 2.4 |
| 42.00–45.99 | 215 | 11.7 | 569 | 19.9 | 341 | 12.9 | 305 | 9.8 | 235 | 3.1 |
| ≥46 | 252 | 10.8 | 723 | 25.5 | 440 | 18.3 | 337 | 12.1 | 294 | 4.1 |
| Subtotal^a | 1,012 | 11.8 | 2,439 | 19.3 | 1,418 | 12.1 | 1,232 | 9.0 | 986 | 3.1 |
| Female | | | | | | | | | | |
| Below federal poverty level (%) | | | | | | | | | | |
| <6 | 18 | 0.9 | 50 | 1.5 | 46 | 1.2 | 32 | 0.7 | 32 | 0.3 |
| 6.00–10.99 | 37 | 1.7 | 96 | 2.4 | 62 | 1.7 | 52 | 1.2 | 41 | 0.3 |
| 11.00–17.99 | 29 | 1.6 | 89 | 2.9 | 88 | 3.4 | 76 | 2.5 | 34 | 0.4 |
| ≥18 | 51 | 2.4 | 128 | 6.5 | 118 | 8.0 | 77 | 4.7 | 51 | 1.1 |
| Less than high school diploma (%) | | | | | | | | | | |
| <6 | 21 | 0.7 | 66 | 1.6 | 53 | 1.3 | 30 | 0.6 | 39 | 0.3 |
| 6.00–9.99 | 29 | 1.4 | 70 | 2.1 | 53 | 1.7 | 50 | 1.4 | 34 | 0.3 |
| 10.00–17.99 | 50 | 2.5 | 119 | 3.5 | 87 | 2.8 | 87 | 2.4 | 42 | 0.4 |
| ≥18 | 35 | 3.9 | 109 | 6.9 | 121 | 8.7 | 70 | 4.3 | 43 | 1.0 |
| Median household income (U.S. \$) | | | | | | | | | | |
| <42,000 | 43 | 2.3 | 119 | 6.5 | 117 | 7.9 | 78 | 4.5 | 41 | 0.8 |
| 42,000–56,999 | 41 | 2.1 | 113 | 3.6 | 87 | 3.2 | 69 | 2.2 | 48 | 0.5 |
| 57,000–77,999 | 30 | 1.4 | 69 | 1.9 | 63 | 1.9 | 53 | 1.4 | 36 | 0.3 |
| ≥78,000 | 21 | 1.0 | 62 | 1.7 | 46 | 1.1 | 37 | 0.8 | 33 | 0.3 |
| Without health insurance (%) | | | | | | | | | | |
| <5 | 21 | 0.8 | 62 | 1.7 | 61 | 1.6 | 35 | 0.7 | 34 | 0.3 |
| 5.00–8.99 | 23 | 1.0 | 85 | 2.4 | 59 | 1.8 | 56 | 1.4 | 37 | 0.4 |
| 9.00–14.99 | 48 | 2.5 | 86 | 2.8 | 84 | 3.1 | 67 | 2.2 | 38 | 0.5 |
| ≥15 | 43 | 3.6 | 130 | 6.5 | 110 | 6.7 | 79 | 4.2 | 49 | 1.0 |
| Gini index (%) | | | | | | | | | | |
| <38 | 30 | 1.6 | 81 | 2.5 | 65 | 2.0 | 49 | 1.3 | 33 | 0.4 |
| 38.00–41.99 | 37 | 1.7 | 87 | 2.5 | 88 | 2.6 | 65 | 1.6 | 43 | 0.4 |
| 42.00–45.99 | 33 | 1.9 | 88 | 3.2 | 80 | 3.0 | 53 | 1.7 | 39 | 0.4 |
| ≥46 | 35 | 1.5 | 107 | 3.9 | 80 | 3.4 | 70 | 2.5 | 43 | 0.5 |
| Subtotal^a | 139 | 1.7 | 375 | 3.0 | 320 | 2.8 | 246 | 1.8 | 160 | 0.4 |
| Total^b | 1,151 | 6.9 | 2,814 | 11.3 | 1,738 | 7.5 | 1,478 | 5.4 | 1,146 | 1.7 |

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

Note. Row entries indicate categories based on census tracts; 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 SDH indicator variables used in this report, see http://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2018_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 2018 in these areas. See Technical Notes for exclusion criteria.