

Centers for Disease Control and Prevention

National Center for HIV, Viral Hepatitis, STD, and TB Prevention

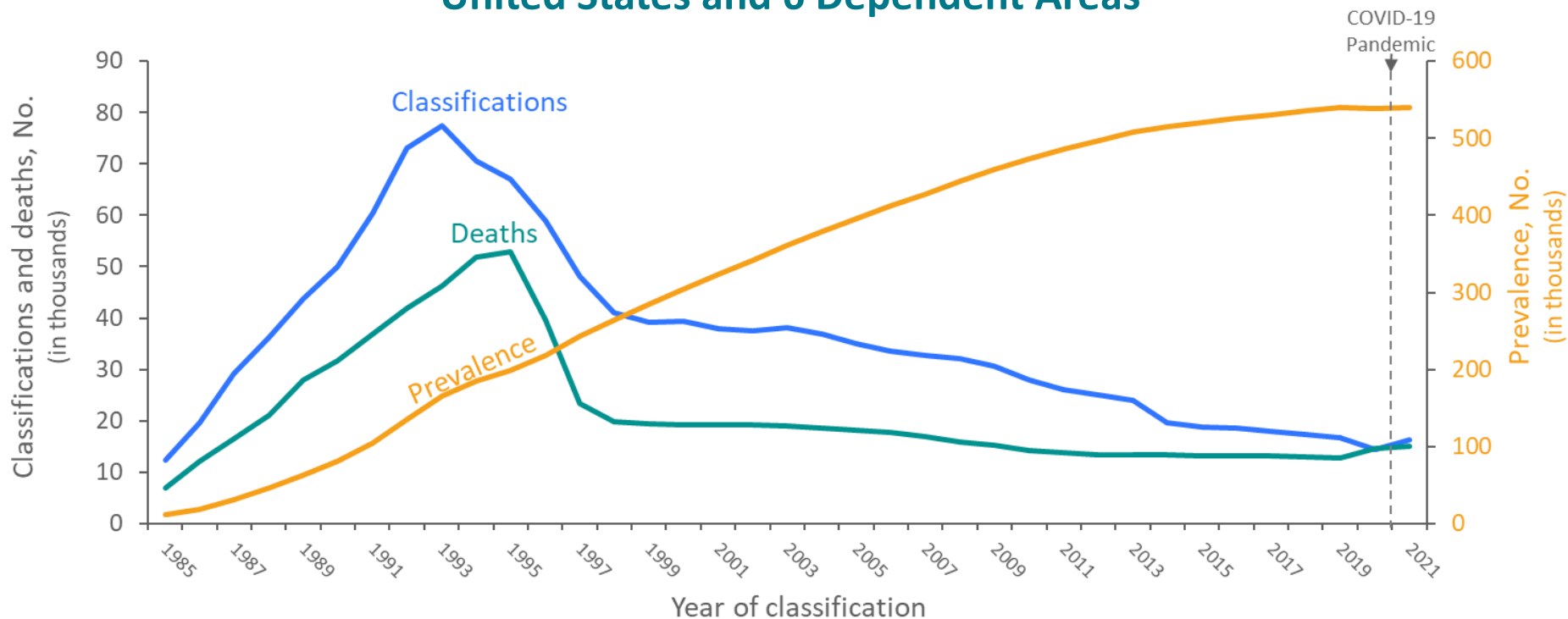


HIV Infection, Stage 3 (AIDS)

2021

Stage 3 (AIDS) Classifications, Deaths (Any Cause), and Persons Living with Diagnosed HIV Infection Ever Classified as Stage 3 (AIDS), 1985–2021

United States and 6 Dependent Areas

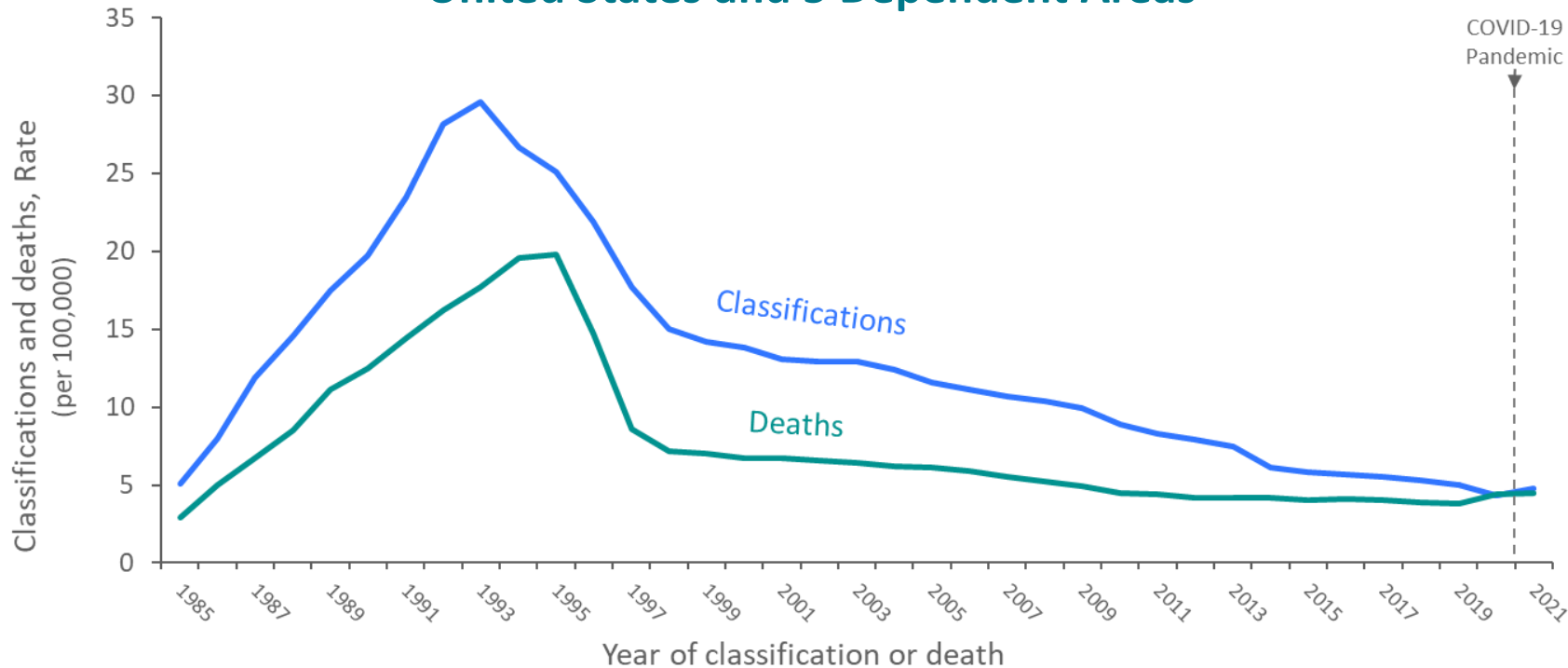


Note. Deaths of persons with HIV infection ever classified as stage 3 (AIDS) may be due to any cause. Data include persons of all ages. Data for the year 2021 are preliminary and based on deaths reported to CDC as of December 2022. Data for 2020 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing, care-related services, and case surveillance activities in state/local jurisdictions. Death data for years 2020 and 2021 should be interpreted with caution due to excess deaths in the United States population attributed to the COVID-19 pandemic. For additional information, see https://www.cdc.gov/nchs/nvss/vsrr/covid19/excess_deaths.htm.



Rates of Stage 3 (AIDS) Classifications and Deaths (Any Cause) of Persons with Diagnosed HIV Infection Ever Classified as Stage 3 (AIDS), 1985–2021

United States and 5 Dependent Areas



Note. Deaths of persons with HIV infection, stage 3 (AIDS) may be due to any cause. Data include persons of all ages. Data for 2020 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing, care-related services, and case surveillance activities in state/local jurisdictions. Death data for years 2020 and 2021 should be interpreted with caution due to excess deaths in the United States population attributed to the COVID-19 pandemic. For additional information, see https://www.cdc.gov/nchs/nvss/vsrr/covid19/excess_deaths.htm.



Stage 3 (AIDS) Classifications and Deaths of Persons with Stage 3 (AIDS), by Age at Classification or Death (Any Cause), Cumulative as of Year-End 2021 — United States and 6 Dependent Areas

| Age at Classification or Death | Classifications | | Deaths | |
|--------------------------------|------------------|------------|----------------|------------|
| | No. | % | No. | % |
| <13 | 10,045 | 0.8 | 5,197 | 0.7 |
| 13–14 | 1,568 | 0.1 | 306 | 0.0 |
| 15–19 | 10,424 | 0.8 | 1,393 | 0.2 |
| 20–24 | 59,936 | 4.5 | 11,019 | 1.4 |
| 25–29 | 158,704 | 11.9 | 51,290 | 6.4 |
| 30–34 | 244,912 | 18.3 | 109,420 | 13.7 |
| 35–39 | 261,133 | 19.6 | 137,683 | 17.3 |
| 40–44 | 219,264 | 16.4 | 132,558 | 16.7 |
| 45–49 | 154,472 | 11.6 | 108,949 | 13.7 |
| 50–54 | 97,852 | 7.3 | 84,512 | 10.6 |
| 55–59 | 57,699 | 4.3 | 62,121 | 7.8 |
| 60–64 | 31,900 | 2.4 | 42,002 | 5.3 |
| ≥65 | 27,645 | 2.1 | 49,415 | 6.2 |
| Total | 1,335,554 | 100 | 795,865 | 100 |

Note. Deaths of persons with HIV infection, stage 3 (AIDS) may be due to any cause. Cumulative data are from the beginning of the epidemic through 2021.



Stage 3 (AIDS) Classifications and Deaths (Any Cause) of Persons with Stage 3 (AIDS), by Race/Ethnicity, Cumulative as of Year-End 2021 — United States and 6 Dependent Areas

| Race/ethnicity | Classifications | | Deaths | |
|--|------------------|------------|----------------|------------|
| | No. | % | No. | % |
| American Indian/Alaska Native | 3,633 | 0.3 | 2,185 | 0.3 |
| Asian ^a | 11,043 | 0.8 | 4,022 | 0.5 |
| Black/African American | 532,799 | 39.9 | 318,284 | 40.0 |
| Hispanic/Latino ^b | 284,524 | 21.3 | 147,695 | 18.6 |
| Native Hawaiian/other Pacific Islander | 872 | 0.1 | 445 | 0.1 |
| White | 450,066 | 33.7 | 301,474 | 37.9 |
| Multiracial | 52,541 | 3.9 | 21,716 | 2.7 |
| Total^c | 1,335,554 | 100 | 795,865 | 100 |

Note. Deaths of persons with HIV infection, stage 3 (AIDS) may be due to any cause. Cumulative data are from the beginning of the epidemic through 2021.

^a Includes Asian/Pacific Islander legacy cases

^b Hispanic/Latino persons can be of any race.

^c Data include persons whose race/ethnicity is unknown.



Stage 3 (AIDS) Classifications and Deaths (Any Cause) of Persons with Stage 3 (AIDS) among Males Aged ≥13 Years, Based on Assigned Sex at Birth, by Transmission Category, Cumulative as of Year-End 2021—United States and 6 Dependent Areas

| Transmission Category ^a | Classifications | | Deaths | |
|---|------------------|------------|----------------|------------|
| | No. | % | No. | % |
| Male-to-male sexual contact (MMSC) ^b | 642,202 | 61.2 | 361,065 | 56.5 |
| Injection drug use (IDU) ^c | 197,955 | 18.9 | 154,887 | 24.2 |
| MMSC ^b and IDU ^c | 97,602 | 9.3 | 63,498 | 9.9 |
| Heterosexual contact ^d | 98,768 | 9.4 | 50,085 | 7.8 |
| Perinatal ^e | 1,468 | 0.1 | 754 | 0.1 |
| Other ^f | 10,653 | 1.0 | 9,187 | 1.4 |
| Total^g | 1,048,648 | 100 | 639,476 | 100 |

Note. Deaths of persons with HIV infection, stage 3 (AIDS) may be due to any cause. Data have been statistically adjusted to account for missing transmission category. Cumulative data are from the beginning of the epidemic through 2021.

^a Transmission category is classified based on a hierarchy of the risk factors most likely responsible for HIV transmission; classification is determined based on the person's assigned sex at birth. Data have been statistically adjusted to account for missing transmission category, therefore values may not sum to column subtotals and total.

^b Includes individuals assigned male sex at birth, regardless of current gender identity, who have had sexual contact with other males, and individuals assigned male sex at birth who have had sexual contact with both males and females (i.e., bisexual contact).

^c Includes persons who injected nonprescription drugs or who injected prescription drugs for nonmedical purposes. Also includes injection of drugs prescribed to persons if there is evidence that injection equipment was shared (e.g., syringes, needles, cookers).

^d Heterosexual contact with a person known to have, or with a risk factor for, HIV infection.

^e Individuals were aged ≥13 years at time of stage 3 classification or death.

^f Other risk factors including hemophilia, blood transfusion, and risk factor not reported or not identified.

^g Because column totals for numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.



Stage 3 (AIDS) Classifications and Deaths (Any Cause) of Persons with Stage 3 (AIDS) among Females Aged ≥13 Years, Based on Assigned Sex at Birth, by Transmission Category, Cumulative as of Year-End 2021 —United States and 6 Dependent Areas

| Transmission Category ^a | Classifications | | Deaths | |
|---------------------------------------|-----------------|------------|----------------|------------|
| | No. | % | No. | % |
| Injection drug use (IDU) ^b | 96,728 | 34.9 | 68,012 | 45.0 |
| Heterosexual contact ^c | 173,579 | 62.7 | 78,408 | 51.9 |
| Perinatal ^d | 1,832 | 0.7 | 868 | 0.6 |
| Other ^e | 4,722 | 1.7 | 3,903 | 2.6 |
| Total^f | 276,861 | 100 | 151,192 | 100 |

Note. Deaths of persons with HIV infection, stage 3 (AIDS) may be due to any cause. Data have been statistically adjusted to account for missing transmission category. Cumulative data are from the beginning of the epidemic through 2021.

^a Transmission category is classified based on a hierarchy of the risk factors most likely responsible for HIV transmission; classification is determined based on the person's assigned sex at birth. Data have been statistically adjusted to account for missing transmission category, therefore values may not sum to column subtotals and total.

^b Includes persons who injected nonprescription drugs or who injected prescription drugs for nonmedical purposes. Also includes injection of drugs prescribed to persons if there is evidence that injection equipment was shared (e.g., syringes, needles, cookers).

^c Heterosexual contact with a person known to have, or with a risk factor for, HIV infection.

^d Individuals were aged ≥13 years at time of stage 3 classification or death.

^e Other risk factors including hemophilia, blood transfusion, and risk factor not reported or not identified.

^f Because column totals for numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.



Stage 3 (AIDS) Classifications and Deaths (Any Cause) of Persons with Stage 3 (AIDS), by Region of Residence, Cumulative as of Year-End 2021 — United States and 6 Dependent Areas

| Region of Residence | Classifications | | Deaths | |
|----------------------|------------------|------------|----------------|------------|
| | No. | % | No. | % |
| Northeast | 361,553 | 27.1 | 229,071 | 28.8 |
| Midwest | 141,370 | 10.6 | 83,126 | 10.4 |
| South | 539,736 | 40.4 | 310,229 | 39.0 |
| West | 256,061 | 19.2 | 145,953 | 18.3 |
| U.S. dependent areas | 36,834 | 2.8 | 27,486 | 3.5 |
| Total | 1,335,554 | 100 | 795,865 | 100 |

Note. Data are based on residence at time of stage 3 (AIDS) classification or death. Deaths of persons with HIV infection, stage 3 (AIDS) may be due to any cause. Data include persons of all ages. Cumulative data are from the beginning of the epidemic through 2021.



Stage 3 (AIDS), 2021 and cumulative, and persons living with diagnosed HIV infection ever classified as stage 3 (AIDS) (prevalence), year-end 2021 by metropolitan statistical area of residence —United States and Puerto Rico (Slide 1 of 10)

| MSA of residence | Classification, 2021 ^a | | | Classification, cumulative ^{a,b} | | | Prevalence of stage 3 (AIDS) year-end 2021 ^c | |
|--------------------------------------|-----------------------------------|------------------------------------|-------------------------|---|----------------------------|--------|---|------------------------------------|
| | No. ^d | Rate (per 100,000) ^d | Rank (based on rate) | Persons aged ≥13 years | Children aged <13 years | Total | No. ^d | Rate (per 100,000) ^d |
| | | | | No. | No. | No. | | |
| Akron, OH | 26 | 3.7 | 68 | 1,080 | 1 | 1,081 | 499 | 71.3 |
| Albany-Schenectady-Troy, NY | 26 | 2.9 | 82 | 2,743 | 26 | 2,769 | 1,250 | 139.0 |
| Albuquerque, NM | 22 | 2.4 | 95 | 1,930 | 4 | 1,934 | 1,029 | 112.1 |
| Allentown-Bethlehem-Easton, PA-NJ | 29 | 3.4 | 72 | 1,863 | 18 | 1,881 | 955 | 110.4 |
| Atlanta-Sandy Springs-Alpharetta, GA | 798 | 13.0 | 1 | 37,613 | 156 | 37,769 | 19,656 | 319.9 |
| Augusta-Richmond County, GA-SC | 54 | 8.8 | 11 | 2,939 | 26 | 2,965 | 1,346 | 218.5 |
| Austin-Round Rock-Georgetown, TX | 107 | 4.5 | 53 | 6,854 | 26 | 6,880 | 3,180 | 135.2 |
| Bakersfield, CA | 66 | 7.2 | 21 | 2,390 | 9 | 2,399 | 1,011 | 110.2 |
| Baltimore-Columbia-Towson, MD | 210 | 7.4 | 19 | 26,892 | 228 | 27,120 | 8,682 | 305.9 |
| Baton Rouge, LA | 82 | 9.4 | 7 | 6,262 | 27 | 6,289 | 2,817 | 323.1 |
| Birmingham-Hoover, AL | 60 | 5.4 | 38 | 3,857 | 25 | 3,882 | 1,807 | 162.2 |
| Boise City, ID | 14 | 1.8 | 105 | 499 | 0 | 499 | 68 | 8.6 |
| Boston-Cambridge-Newton, MA-NH | 145 | 3.0 | 80 | 17,865 | 168 | 18,033 | 7,393 | 150.9 |
| Boston, MA | 81 | 4.0 | — | 11,004 | 98 | 11,102 | 4,344 | 214.1 |
| Cambridge-Newton-Framingham, MA | 60 | 2.5 | — | 6,459 | 69 | 6,528 | 2,941 | 121.4 |

Note. Numbers less than 12, and rates based on these numbers, should be interpreted with caution. Ranks were not assigned to MSAs with rates that were based on reported numbers less than 12.

^a Data are based on residence at time of classification. ^b From the beginning of the epidemic through 2021.

^c Data are based on address of residence at the end of the specified year (i.e., most recent known address).

^d Data include persons of all ages.



Stage 3 (AIDS), 2021 and cumulative, and persons living with diagnosed HIV infection ever classified as stage 3 (AIDS) (prevalence), year-end 2021 by metropolitan statistical area of residence— United States and Puerto Rico (Slide 2 of 10)

| MSA of residence | Classification, 2021 ^a | | | Classification, cumulative ^{a,b} | | | Prevalence of stage 3 (AIDS) year-end 2021 ^c | |
|------------------------------------|-----------------------------------|------------------------------------|-------------------------|---|----------------------------|--------|---|------------------------------------|
| | No. ^d | Rate (per 100,000) ^d | Rank (based on rate) | Persons aged ≥13 years | Children aged <13 years | Total | No. ^d | Rate (per 100,000) ^d |
| | | | | No. | No. | No. | | |
| Bridgeport-Stamford-Norwalk, CT | 29 | 3.0 | 78 | 4,386 | 57 | 4,443 | 1,536 | 160.0 |
| Buffalo-Cheektowaga, NY | 48 | 4.1 | 62 | 3,176 | 20 | 3,196 | 1,295 | 111.4 |
| Cape Coral-Fort Myers, FL | 41 | 5.2 | 42 | 2,480 | 27 | 2,507 | 1,256 | 159.4 |
| Charleston-North Charleston, SC | 44 | 5.4 | 37 | 3,004 | 24 | 3,028 | 1,325 | 163.0 |
| Charlotte-Concord-Gastonia, NC-SC | 106 | 3.9 | 65 | 6,798 | 31 | 6,829 | 3,904 | 144.5 |
| Chattanooga, TN-GA | 20 | 3.5 | 70 | 1,448 | 3 | 1,451 | 680 | 119.8 |
| Chicago-Naperville-Elgin, IL-IN-WI | 421 | 4.4 | 55 | 40,821 | 269 | 41,090 | 14,382 | 151.2 |
| Chicago-Naperville-Evanston, IL | 369 | 5.2 | — | 37,266 | 244 | 37,510 | 13,022 | 181.9 |
| Elgin, IL | 15 | 2.0 | — | 887 | 10 | 897 | 241 | 32.1 |
| Gary, IN | 19 | 2.6 | — | 1,538 | 10 | 1,548 | 599 | 83.2 |
| Lake County-Kenosha County, IL-WI | 18 | 2.0 | — | 1,130 | 5 | 1,135 | 520 | 59.1 |
| Cincinnati, OH-KY-IN | 116 | 5.1 | 44 | 4,481 | 22 | 4,503 | 2,225 | 98.5 |
| Cleveland-Elyria, OH | 82 | 4.0 | 64 | 5,902 | 49 | 5,951 | 2,666 | 128.4 |
| Colorado Springs, CO | 18 | 2.4 | 96 | 817 | 5 | 822 | 435 | 57.0 |
| Columbia, SC | 99 | 11.8 | 3 | 5,002 | 26 | 5,028 | 2,291 | 273.3 |
| Columbus, OH | 108 | 5.0 | 46 | 5,403 | 26 | 5,429 | 2,677 | 124.5 |

Note. Numbers less than 12, and rates based on these numbers, should be interpreted with caution. Ranks were not assigned to MSAs with rates that were based on reported numbers less than 12.

^a Data are based on residence at time of classification. ^b From the beginning of the epidemic through 2021.

^c Data are based on address of residence at the end of the specified year (i.e., most recent known address).

^d Data include persons of all ages.



Stage 3 (AIDS), 2021 and cumulative, and persons living with diagnosed HIV infection ever classified as stage 3 (AIDS) (prevalence), year-end 2021 by metropolitan statistical area of residence— United States and Puerto Rico (Slide 3 of 10)

| MSA of residence | Classification, 2021 ^a | | | Classification, cumulative ^{a,b} | | | Prevalence of stage 3 (AIDS) year-end 2021 ^c | |
|--|-----------------------------------|------------------------------------|-------------------------|---|----------------------------|--------|--|------------------------------------|
| | No. ^d | Rate (per 100,000) ^d | Rank (based on rate) | Persons aged ≥13 years | Children aged <13 years | Total | No. ^d | Rate (per 100,000) ^d |
| | | | | No. | No. | No. | | |
| Dallas-Fort Worth-Arlington, TX | 576 | 7.4 | 18 | 30,439 | 65 | 30,504 | 14,655 | 188.9 |
| Dallas-Plano-Irving, TX | 434 | 8.3 | — | 24,017 | 39 | 24,056 | 11,391 | 218.3 |
| Fort Worth-Arlington, TX | 142 | 5.6 | — | 6,422 | 26 | 6,448 | 3,264 | 128.4 |
| Dayton-Kettering, OH | 23 | 2.8 | 84 | 1,807 | 15 | 1,822 | 869 | 106.8 |
| Deltona-Daytona Beach-Ormond Beach, FL | 52 | 7.6 | 17 | 2,318 | 17 | 2,335 | 1,234 | 180.1 |
| Denver-Aurora-Lakewood, CO | 109 | 3.7 | 69 | 9,127 | 25 | 9,152 | 3,823 | 128.6 |
| Des Moines-West Des Moines, IA | 15 | 2.1 | 102 | 873 | 4 | 877 | 483 | 67.2 |
| Detroit-Warren-Dearborn, MI | 182 | 4.2 | 60 | 14,614 | 80 | 14,694 | 5,285 | 121.1 |
| Detroit-Dearborn-Livonia, MI | 110 | 6.2 | — | 11,259 | 63 | 11,322 | 3,521 | 198.4 |
| Warren-Troy-Farmington Hills, MI | 72 | 2.8 | — | 3,355 | 17 | 3,372 | 1,764 | 68.1 |
| Durham-Chapel Hill, NC | 43 | 6.6 | 26 | 2,036 | 13 | 2,049 | 1,104 | 168.8 |
| El Paso, TX | 46 | 5.3 | 39 | 2,350 | 11 | 2,361 | 1,206 | 138.4 |
| Fayetteville, NC | 50 | 9.5 | 6 | 1,658 | 8 | 1,666 | 903 | 172.1 |
| Fayetteville-Springdale-Rogers, AR | 12 | 2.1 | 100 | 527 | 5 | 532 | 311 | 55.5 |
| Fresno, CA | 65 | 6.4 | 27 | 2,445 | 11 | 2,456 | 1,091 | 107.6 |
| Grand Rapids-Wyoming, MI | 19 | 1.7 | 106 | 1,329 | 7 | 1,336 | 657 | 60.2 |

Note. Numbers less than 12, and rates based on these numbers, should be interpreted with caution. Ranks were not assigned to MSAs with rates that were based on reported numbers less than 12.

^a Data are based on residence at time of classification. ^b From the beginning of the epidemic through 2021.

^c Data are based on address of residence at the end of the specified year (i.e., most recent known address).

^d Data include persons of all ages.



Stage 3 (AIDS), 2021 and cumulative, and persons living with diagnosed HIV infection ever classified as stage 3 (AIDS) (prevalence), year-end 2021 by metropolitan statistical area of residence— United States and Puerto Rico (Slide 4 of 10)

| MSA of residence | Classification, 2021 ^a | | | Classification, cumulative ^{a,b} | | | Prevalence of stage 3 (AIDS) year-end 2021 ^c | |
|---------------------------------------|-----------------------------------|------------------------------------|-------------------------|---|----------------------------|--------|--|------------------------------------|
| | No. ^d | Rate (per 100,000) ^d | Rank (based on rate) | Persons aged ≥13 years | Children aged <13 years | Total | No. ^d | Rate (per 100,000) ^d |
| | | | | No. | No. | No. | | |
| Greensboro-High Point, NC | 23 | 3.0 | 81 | 1,972 | 19 | 1,991 | 1,029 | 132.1 |
| Greenville-Anderson, SC | 44 | 4.7 | 51 | 2,337 | 7 | 2,344 | 1,213 | 128.9 |
| Harrisburg-Carlisle, PA | 26 | 4.4 | 56 | 1,750 | 9 | 1,759 | 728 | 122.1 |
| Hartford-East Hartford-Middletown, CT | 34 | 2.8 | 87 | 6,044 | 46 | 6,090 | 2,071 | 170.9 |
| Honolulu (Urban), HI | 16 | 1.6 | 107 | 2,472 | 14 | 2,486 | 811 | 81.0 |
| Houston-The Woodlands-Sugar Land, TX | 633 | 8.8 | 10 | 37,971 | 182 | 38,153 | 15,990 | 221.9 |
| Huntsville, AL | 19 | 3.8 | 66 | 801 | 6 | 807 | 370 | 73.6 |
| Indianapolis-Carmel-Anderson, IN | 119 | 5.6 | 34 | 5,964 | 28 | 5,992 | 2,862 | 134.6 |
| Jackson, MS | 54 | 9.2 | 8 | 4,051 | 32 | 4,083 | 1,537 | 261.7 |
| Jacksonville, FL | 165 | 10.1 | 5 | 9,057 | 78 | 9,135 | 3,994 | 243.9 |
| Kansas City, MO-KS | 91 | 4.1 | 61 | 6,395 | 17 | 6,412 | 2,554 | 116.1 |
| Knoxville, TN | 25 | 2.8 | 88 | 1,428 | 8 | 1,436 | 632 | 70.7 |
| Lakeland-Winter Haven, FL | 53 | 7.0 | 24 | 2,802 | 23 | 2,825 | 1,534 | 203.6 |
| Lancaster, PA | 4 | 0.7 | — | 950 | 22 | 972 | 401 | 72.4 |
| Lansing-East Lansing, MI | 12 | 2.2 | 97 | 675 | 9 | 684 | 322 | 59.6 |
| Las Vegas-Henderson-Paradise, NV | 185 | 8.1 | 14 | 7,428 | 30 | 7,458 | 4,307 | 187.9 |

Note. Numbers less than 12, and rates based on these numbers, should be interpreted with caution. Ranks were not assigned to MSAs with rates that were based on reported numbers less than 12.

^a Data are based on residence at time of classification. ^b From the beginning of the epidemic through 2021.

^c Data are based on address of residence at the end of the specified year (i.e., most recent known address).

^d Data include persons of all ages.



Stage 3 (AIDS), 2021 and cumulative, and persons living with diagnosed HIV infection ever classified as stage 3 (AIDS) (prevalence), year-end 2021 by metropolitan statistical area of residence— United States and Puerto Rico (Slide 5 of 10)

| MSA of residence | Classification, 2021 ^a | | | Classification, cumulative ^{a,b} | | | Prevalence of stage 3 (AIDS) year-end 2021 ^c | |
|--|-----------------------------------|---------------------------------|----------------------|---|-------------------------|--------|---|---------------------------------|
| | No. ^d | Rate (per 100,000) ^d | Rank (based on rate) | Persons aged ≥13 years | Children aged <13 years | Total | No. ^d | Rate (per 100,000) ^d |
| Lexington-Fayette, KY | 22 | 4.2 | 59 | 1,103 | 1 | 1,104 | 602 | 116.3 |
| Little Rock-North Little Rock-Conway, AR | 54 | 7.2 | 22 | 2,167 | 14 | 2,181 | 1,043 | 138.9 |
| Los Angeles-Long Beach-Anaheim, CA | 765 | 5.9 | 32 | 75,689 | 307 | 75,996 | 28,476 | 219.1 |
| Anaheim-Santa Ana-Irvine, CA | 117 | 3.7 | — | 9,006 | 46 | 9,052 | 3,465 | 109.4 |
| Los Angeles-Long Beach-Glendale, CA | 648 | 6.6 | — | 66,683 | 261 | 66,944 | 25,011 | 254.4 |
| Louisville/Jefferson County, KY-IN | 67 | 5.2 | 41 | 3,593 | 30 | 3,623 | 1,719 | 133.8 |
| Madison, WI | 11 | 1.6 | — | 728 | 5 | 733 | 375 | 54.9 |
| McAllen-Edinburg-Mission, TX | 49 | 5.6 | 35 | 1,310 | 13 | 1,323 | 837 | 95.1 |
| Memphis, TN-MS-AR | 118 | 8.8 | 9 | 8,127 | 25 | 8,152 | 3,449 | 258.1 |
| Miami-Fort Lauderdale-Pompano Beach, FL | 778 | 12.8 | 2 | 73,281 | 1,015 | 74,296 | 27,380 | 449.5 |
| Fort Lauderdale-Pompano Beach-Sunrise, FL | 258 | 13.4 | — | 22,562 | 267 | 22,829 | 10,216 | 529.1 |
| Miami-Miami Beach-Kendall, FL | 398 | 14.9 | — | 38,274 | 516 | 38,790 | 12,628 | 474.2 |
| West Palm Beach-Boca Raton-Boynton Beach, FL | 122 | 8.1 | — | 12,445 | 232 | 12,677 | 4,536 | 302.8 |
| Milwaukee-Waukesha, WI | 44 | 2.8 | 86 | 3,556 | 19 | 3,575 | 1,587 | 101.3 |
| Minneapolis-St. Paul-Bloomington, MN-WI | 89 | 2.4 | 94 | 6,446 | 23 | 6,469 | 3,378 | 91.5 |
| Modesto, CA | 11 | 2.0 | — | 981 | 6 | 987 | 464 | 83.9 |

Note. Numbers less than 12, and rates based on these numbers, should be interpreted with caution. Ranks were not assigned to MSAs with rates that were based on reported numbers less than 12.

^a Data are based on residence at time of classification. ^b From the beginning of the epidemic through 2021.

^c Data are based on address of residence at the end of the specified year (i.e., most recent known address).

^d Data include persons of all ages.



Stage 3 (AIDS), 2021 and cumulative, and persons living with diagnosed HIV infection ever classified as stage 3 (AIDS) (prevalence), year-end 2021 by metropolitan statistical area of residence— United States and Puerto Rico (Slide 6 of 10)

| MSA of residence | Classification, 2021 ^a | | | Classification, cumulative ^{a,b} | | | Prevalence of stage 3 (AIDS) year-end 2021 ^c | |
|---|-----------------------------------|------------------------------------|-------------------------|---|----------------------------|---------|---|------------------------------------|
| | No. ^d | Rate (per 100,000) ^d | Rank (based on rate) | Persons aged ≥13 years | Children aged <13 years | Total | No. ^d | Rate (per 100,000) ^d |
| | | | | No. | No. | No. | | |
| Myrtle Beach-Conway-North Myrtle Beach, SC-NC | 23 | 4.5 | 54 | 1,112 | 3 | 1,115 | 649 | 127.3 |
| Nashville-Davidson-Murfreesboro-Franklin, TN | 86 | 4.3 | 58 | 5,590 | 28 | 5,618 | 2,601 | 129.2 |
| New Haven-Milford, CT | 27 | 3.1 | 75 | 5,263 | 74 | 5,337 | 2,039 | 236.1 |
| New Orleans-Metairie, LA | 138 | 10.9 | 4 | 11,990 | 78 | 12,068 | 4,155 | 329.3 |
| New York-Newark-Jersey City, NY-NJ-PA | 1,317 | 6.7 | 25 | 229,224 | 2,961 | 232,185 | 73,277 | 370.7 |
| Nassau County-Suffolk County, NY | 69 | 2.4 | — | 9,793 | 118 | 9,911 | 3,317 | 113.7 |
| Newark, NJ-PA | 146 | 6.4 | — | 24,339 | 352 | 24,691 | 6,307 | 277.4 |
| New Brunswick-Lakewood, NJ | 52 | 2.1 | — | 8,183 | 134 | 8,317 | 2,724 | 108.9 |
| New York-Jersey City-White Plains, NY-NJ | 1,050 | 8.7 | — | 186,909 | 2,357 | 189,266 | 60,929 | 504.5 |
| North Port-Sarasota-Bradenton, FL | 41 | 4.8 | 48 | 2,653 | 29 | 2,682 | 1,199 | 139.5 |
| Ogden-Clearfield, UT | 3 | 0.4 | — | 358 | 4 | 362 | 216 | 30.6 |
| Oklahoma City, OK | 88 | 6.1 | 29 | 3,432 | 4 | 3,436 | 1,429 | 99.1 |
| Omaha-Council Bluffs, NE-IA | 19 | 2.0 | 103 | 1,532 | 5 | 1,537 | 256 | 26.3 |
| Orlando-Kissimmee-Sanford, FL | 210 | 7.8 | 15 | 13,156 | 96 | 13,252 | 6,378 | 236.9 |
| Oxnard-Thousand Oaks-Ventura, CA | 25 | 3.0 | 79 | 1,361 | 5 | 1,366 | 563 | 67.0 |
| Palm Bay-Melbourne-Titusville, FL | 39 | 6.3 | 28 | 2,007 | 12 | 2,019 | 933 | 151.3 |
| Pensacola-Ferry Pass-Brent, FL | 25 | 4.8 | 47 | 2,113 | 13 | 2,126 | 833 | 161.3 |

Note. Numbers less than 12, and rates based on these numbers, should be interpreted with caution. Ranks were not assigned to MSAs with rates that were based on reported numbers less than 12.

^a Data are based on residence at time of classification. ^b From the beginning of the epidemic through 2021.

^c Data are based on address of residence at the end of the specified year (i.e., most recent known address).

^d Data include persons of all ages.



Stage 3 (AIDS), 2021 and cumulative, and persons living with diagnosed HIV infection ever classified as stage 3 (AIDS) (prevalence), year-end 2021 by metropolitan statistical area of residence— United States and Puerto Rico (Slide 7 of 10)

| MSA of residence | Classification, 2021 ^a | | | Classification, cumulative ^{a,b} | | | Prevalence of stage 3 (AIDS) year-end 2021 ^c | |
|---|-----------------------------------|------------------------------------|-------------------------|---|----------------------------|--------|--|------------------------------------|
| | No. ^d | Rate (per 100,000) ^d | Rank (based on rate) | Persons aged ≥13 years | Children aged <13 years | Total | No. ^d | Rate (per 100,000) ^d |
| | | | | No. | No. | No. | | |
| Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | 321 | 5.2 | 43 | 36,585 | 320 | 36,905 | 13,666 | 219.4 |
| Camden, NJ | 64 | 5.0 | — | 4,042 | 46 | 4,088 | 1,488 | 115.1 |
| Montgomery County-Bucks County-Chester County, PA | 21 | 1.0 | — | 3,112 | 11 | 3,123 | 1,198 | 58.6 |
| Philadelphia, PA | 192 | 8.9 | — | 25,535 | 237 | 25,772 | 9,525 | 443.0 |
| Wilmington, DE-MD-NJ | 44 | 5.9 | — | 3,896 | 26 | 3,922 | 1,455 | 196.4 |
| Phoenix-Mesa-Scottsdale, AZ | 230 | 4.7 | 52 | 11,254 | 36 | 11,290 | 5,860 | 118.5 |
| Pittsburgh, PA | 60 | 2.5 | 93 | 4,347 | 22 | 4,369 | 1,799 | 76.4 |
| Portland-South Portland, ME | 9 | 1.6 | — | 790 | 2 | 792 | 434 | 77.9 |
| Portland-Vancouver-Hillsboro, OR-WA | 53 | 2.1 | 101 | 6,304 | 9 | 6,313 | 2,910 | 115.9 |
| Port St. Lucie, FL | 39 | 7.7 | 16 | 3,168 | 41 | 3,209 | 1,398 | 277.6 |
| Poughkeepsie-Newburgh-Middletown, NY | 24 | 3.4 | 71 | 3,378 | 26 | 3,404 | 1,079 | 153.8 |
| Providence-Warwick, RI-MA | 44 | 2.6 | 91 | 5,004 | 44 | 5,048 | 1,247 | 74.4 |
| Provo-Orem, UT | 4 | 0.6 | — | 176 | 3 | 179 | 111 | 15.9 |
| Raleigh-Cary, NC | 86 | 5.9 | 31 | 3,423 | 20 | 3,443 | 1,877 | 129.6 |
| Richmond, VA | 75 | 5.7 | 33 | 4,925 | 35 | 4,960 | 2,078 | 156.9 |

Note. Numbers less than 12, and rates based on these numbers, should be interpreted with caution. Ranks were not assigned to MSAs with rates that were based on reported numbers less than 12.

^a Data are based on residence at time of classification. ^b From the beginning of the epidemic through 2020.

^c Data are based on address of residence at the end of the specified year (i.e., most recent known address).

^d Data include persons of all ages.



Stage 3 (AIDS), 2021 and cumulative, and persons living with diagnosed HIV infection ever classified as stage 3 (AIDS) (prevalence), year-end 2021 by metropolitan statistical area of residence— United States and Puerto Rico (Slide 8 of 10)

| MSA of residence | Classification, 2021 ^a | | | Classification, cumulative ^{a,b} | | | Prevalence of stage 3 (AIDS) year-end 2021 ^c | |
|--|-----------------------------------|---------------------------------|----------------------|---|-------------------------|--------|---|---------------------------------|
| | No. ^d | Rate (per 100,000) ^d | Rank (based on rate) | Persons aged ≥13 years | Children aged <13 years | Total | No. ^d | Rate (per 100,000) ^d |
| | | | | No. | No. | No. | | |
| Riverside-San Bernardino-Ontario, CA | 220 | 4.7 | 50 | 12,048 | 64 | 12,112 | 7,949 | 170.8 |
| Rochester, NY | 29 | 2.7 | 89 | 3,792 | 16 | 3,808 | 1,534 | 141.4 |
| Sacramento-Roseville-Folsom, CA | 90 | 3.7 | 67 | 5,550 | 30 | 5,580 | 2,770 | 114.9 |
| St. Louis, MO-IL | 142 | 5.1 | 45 | 8,348 | 43 | 8,391 | 3,456 | 123.0 |
| Salt Lake City, UT | 33 | 2.6 | 92 | 2,174 | 9 | 2,183 | 1,033 | 81.8 |
| San Antonio-New Braunfels, TX | 144 | 5.5 | 36 | 7,701 | 32 | 7,733 | 3,646 | 140.1 |
| San Diego-Chula Vista-Carlsbad, CA | 173 | 5.3 | 40 | 16,393 | 74 | 16,467 | 6,905 | 210.1 |
| San Francisco-Oakland-Berkeley, CA | 220 | 4.8 | 49 | 47,038 | 104 | 47,142 | 12,272 | 265.4 |
| Oakland-Berkeley-Livermore, CA | 112 | 4.0 | — | 12,517 | 53 | 12,570 | 4,664 | 166.0 |
| San Francisco-San Mateo-Redwood City, CA | 105 | 6.8 | — | 32,800 | 46 | 32,846 | 7,170 | 461.7 |
| San Jose-Sunnyvale-Santa Clara, CA | 43 | 2.2 | 98 | 5,062 | 17 | 5,079 | 1,880 | 96.3 |
| San Juan-Carolina-Caguas, PR | 150 | 7.3 | 20 | 25,485 | 280 | 25,765 | 5,306 | 256.5 |
| Scranton-Wilkes-Barre, PA | 16 | 2.8 | 85 | 784 | 6 | 790 | 473 | 83.3 |
| Seattle-Tacoma-Bellevue, WA | 122 | 3.0 | 76 | 11,803 | 27 | 11,830 | 4,900 | 122.1 |
| Seattle-Bellevue-Kent, WA | 101 | 3.3 | — | 10,362 | 18 | 10,380 | 4,090 | 132.5 |
| Tacoma-Lakewood, WA | 21 | 2.3 | — | 1,441 | 9 | 1,450 | 810 | 87.5 |

Note. Numbers less than 12, and rates based on these numbers, should be interpreted with caution. Ranks were not assigned to MSAs with rates that were based on reported numbers less than 12.

^a Data are based on residence at time of classification. ^b From the beginning of the epidemic through 2021.

^c Data are based on address of residence at the end of the specified year (i.e., most recent known address).

^d Data include persons of all ages.



Stage 3 (AIDS), 2021 and cumulative, and persons living with diagnosed HIV infection ever classified as stage 3 (AIDS) (prevalence), year-end 2021 by metropolitan statistical area of residence— United States and Puerto Rico (Slide 9 of 10)

| MSA of residence | Classification, 2021 ^a | | | Classification, cumulative ^{a,b} | | | Prevalence of stage 3 (AIDS) year-end 2021 ^c | |
|--|-----------------------------------|---------------------------------|----------------------|---|-------------------------|--------|---|---------------------------------|
| | No. ^d | Rate (per 100,000) ^d | Rank (based on rate) | Persons aged ≥13 years | Children aged <13 years | Total | No. ^d | Rate (per 100,000) ^d |
| | | | | No. | No. | No. | | |
| Spokane-Spokane Valley, WA | 10 | 1.7 | — | 716 | 1 | 717 | 388 | 65.4 |
| Springfield, MA | 20 | 2.9 | 83 | 2,768 | 29 | 2,797 | 1,193 | 171.6 |
| Stockton, CA | 34 | 4.3 | 57 | 1,641 | 15 | 1,656 | 744 | 94.2 |
| Syracuse, NY | 20 | 3.0 | 77 | 1,683 | 10 | 1,693 | 685 | 104.1 |
| Tampa-St. Petersburg-Clearwater, FL | 266 | 8.3 | 13 | 15,976 | 118 | 16,094 | 7,343 | 228.1 |
| Toledo, OH | 26 | 4.0 | 63 | 1,214 | 14 | 1,228 | 565 | 87.7 |
| Tucson, AZ | 35 | 3.3 | 73 | 2,671 | 13 | 2,684 | 1,349 | 128.2 |
| Tulsa, OK | 19 | 1.9 | 104 | 2,139 | 13 | 2,152 | 916 | 89.5 |
| Virginia Beach-Norfolk-Newport News, VA-NC | 127 | 7.0 | 23 | 7,009 | 67 | 7,076 | 2,826 | 156.7 |
| Washington-Arlington-Alexandria, DC-VA-MD-WV | 550 | 8.7 | 12 | 43,403 | 338 | 43,741 | 17,791 | 279.9 |
| Frederick-Gaithersburg-Rockville, MD | 63 | 4.7 | — | 4,543 | 23 | 4,566 | 2,216 | 166.0 |
| Washington-Arlington-Alexandria, DC-VA-MD-WV | 487 | 9.7 | — | 38,860 | 315 | 39,175 | 15,575 | 310.1 |

Note. Numbers less than 12, and rates based on these numbers, should be interpreted with caution. Ranks were not assigned to MSAs with rates that were based on reported numbers less than 12.

^a Data are based on residence at time of classification. ^b From the beginning of the epidemic through 2021.

^c Data are based on address of residence at the end of the specified year (i.e., most recent known address).

^d Data include persons of all ages



Stage 3 (AIDS), 2021 and cumulative, and persons living with diagnosed HIV infection ever classified as stage 3 (AIDS) (prevalence), year-end 2021 by metropolitan statistical area of residence— United States and Puerto Rico (Slide 10 of 10)

| MSA of residence | Classification, 2021 ^a | | | Classification, cumulative ^{a,b} | | | Prevalence of stage 3 (AIDS) year-end 2021 ^c | |
|--|-----------------------------------|------------------------------------|-------------------------|---|----------------------------|------------------|--|------------------------------------|
| | No. ^d | Rate (per 100,000) ^d | Rank (based on rate) | Persons aged ≥13 years | Children aged <13 years | Total | No. ^d | Rate (per 100,000) ^d |
| | | | | No. | No. | No. | | |
| Wichita, KS | 14 | 2.2 | 99 | 1,107 | 2 | 1,109 | 495 | 76.4 |
| Winston-Salem, NC | 41 | 6.0 | 30 | 1,639 | 12 | 1,651 | 915 | 134.3 |
| Worcester, MA-CT | 26 | 2.7 | 90 | 2,678 | 22 | 2,700 | 1,244 | 127.1 |
| Youngstown-Warren-Boardman, OH-PA | 17 | 3.2 | 74 | 835 | 1 | 836 | 403 | 74.9 |
| Subtotal for MSAs (population ≥ 500,000) | 13,047 | 5.6 | — | 1,125,908 | 8,749 | 1,134,657 | 441,619 | 190.6 |
| Metropolitan areas (population of 50,000–499,999) | 2,024 | 3.5 | — | 124,526 | 805 | 125,331 | 54,148 | 93.6 |
| Nonmetropolitan areas | 1,128 | 2.5 | — | 69,518 | 433 | 69,951 | 30,570 | 67.1 |
| Total^e | 16,260 | 4.9 | — | 1,324,556 | 10,022 | 1,334,578 | 540,013 | 161.1 |

Note. Numbers less than 12, and rates based on these numbers, should be interpreted with caution. Ranks were not assigned to MSAs with rates that were based on reported numbers less than 12.

^a Data are based on residence at time of classification. ^b From the beginning of the epidemic through 2021.

^c Data are based on address of residence at the end of the specified year (i.e., most recent known address).

^d Data include persons of all ages.

^e Includes persons whose county of residence is unknown.

