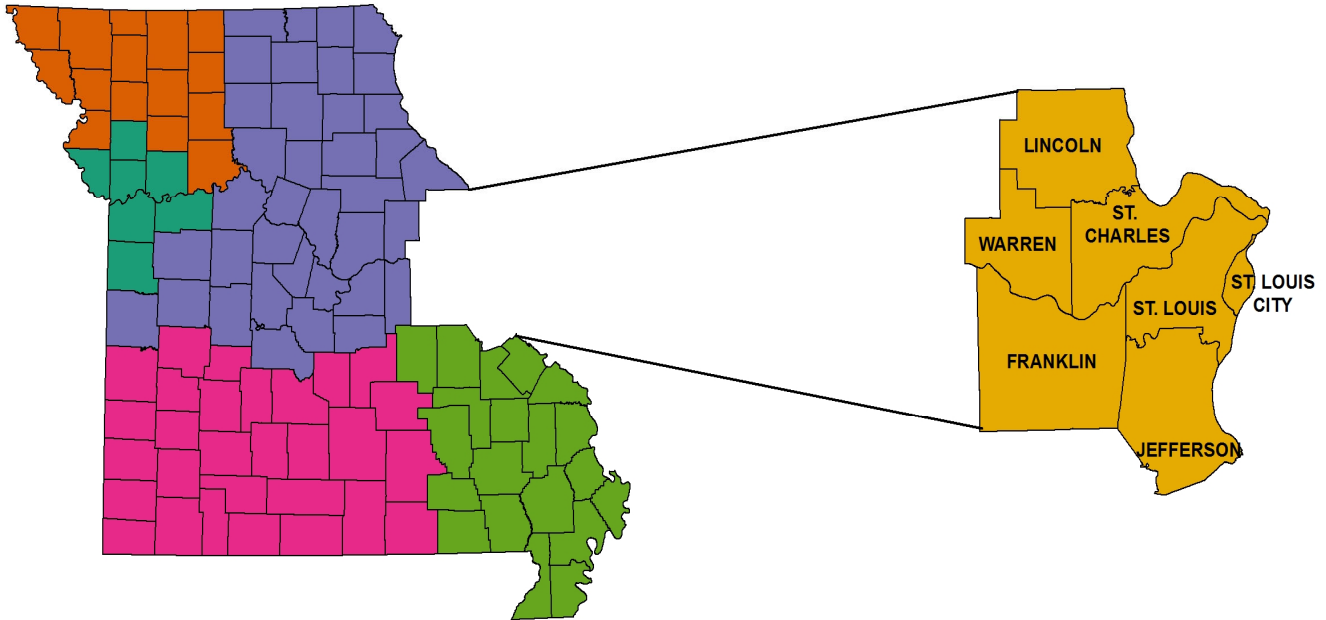


ST. LOUIS HIV CARE REGION



Population Counts, St. Louis HIV Care Region, 2020

| County | White | | Black/African American | | Hispanic | | Asian/Pacific Islander | | American Indian/Alaskan Native | | Total |
|---------------------|------------------|--------------|------------------------|--------------|---------------|-------------|------------------------|-------------|--------------------------------|-------------|------------------|
| | Count | % | Count | % | Count | % | Count | % | Count | % | |
| Franklin County | 100,021 | 95.7% | 1,344 | 1.3% | 1,935 | 1.9% | 767 | 0.7% | 402 | 0.4% | 104,469 |
| Jefferson County | 215,059 | 94.9% | 3,474 | 1.5% | 4,889 | 2.2% | 2,320 | 1.0% | 801 | 0.4% | 226,543 |
| Lincoln County | 56,428 | 93.9% | 1,505 | 2.5% | 1,553 | 2.6% | 403 | 0.7% | 230 | 0.4% | 60,119 |
| St. Charles County | 354,443 | 87.3% | 23,834 | 5.9% | 14,349 | 3.5% | 12,679 | 3.1% | 899 | 0.2% | 406,204 |
| St. Louis County | 654,352 | 65.8% | 254,877 | 25.6% | 30,638 | 3.1% | 51,729 | 5.2% | 2,424 | 0.2% | 994,020 |
| St. Louis City | 136,187 | 45.8% | 136,078 | 45.7% | 12,888 | 4.3% | 11,351 | 3.8% | 1,141 | 0.4% | 297,645 |
| Warren County | 33,891 | 92.6% | 1,038 | 2.8% | 1,314 | 3.6% | 218 | 0.6% | 133 | 0.4% | 36,594 |
| Region Total | 1,550,381 | 72.9% | 422,150 | 19.9% | 67,566 | 3.2% | 79,467 | 3.7% | 6,030 | 0.3% | 2,125,594 |

Figure 1. HIV disease cases (living and deceased), by current HIV vs. stage 3 (AIDS) status, St. Louis HIV Care Region, 1982—2021

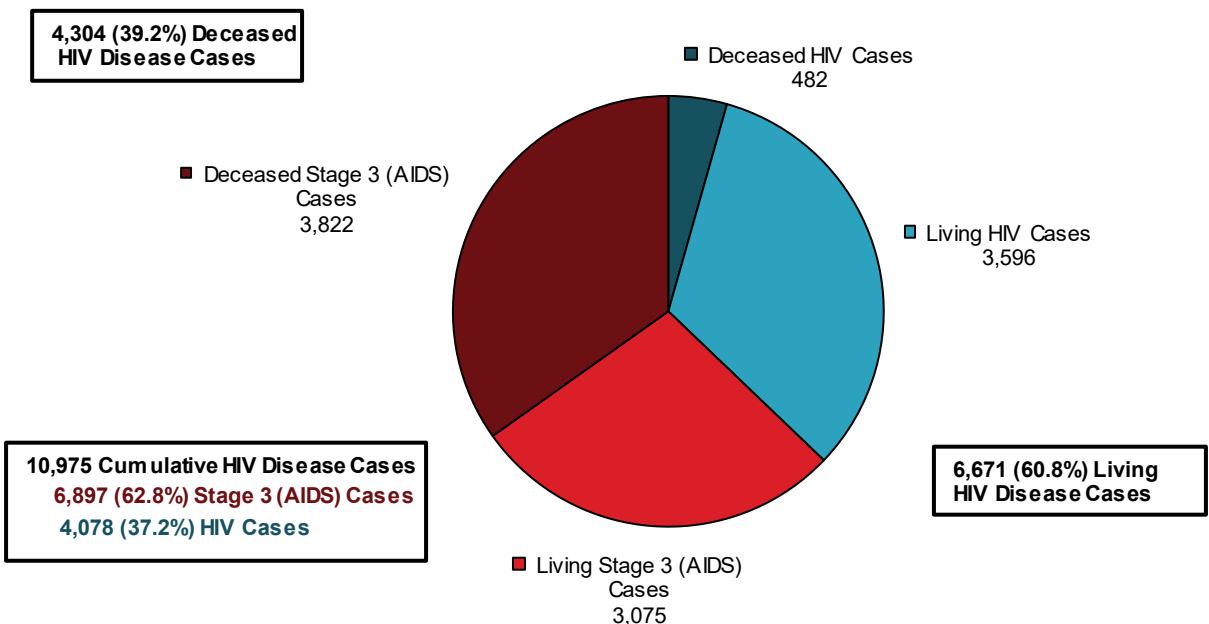
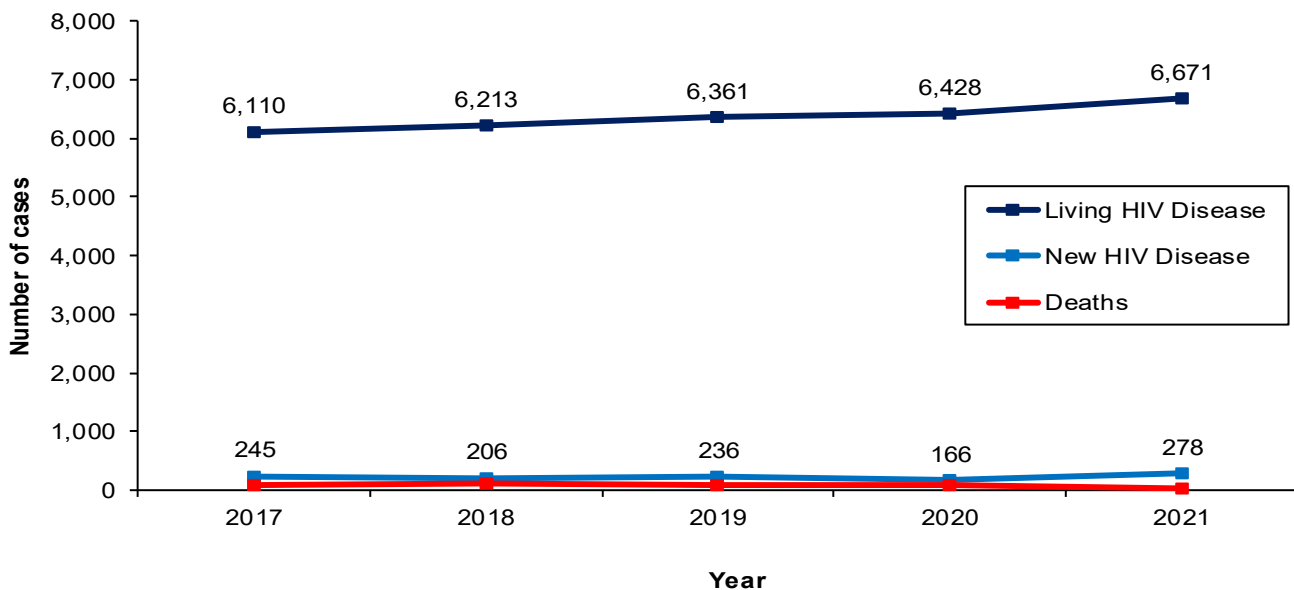


Figure 2. Living and new HIV disease cases and deaths by year*, St. Louis HIV Care Region, 2017—2021

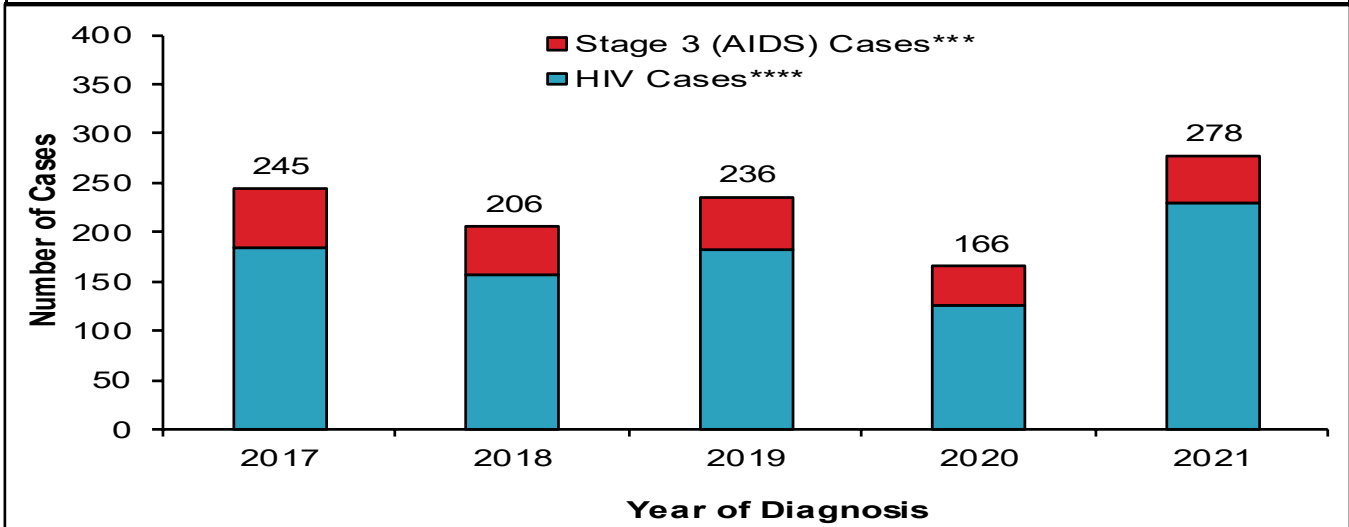


*For living HIV disease cases-the number of individuals living with HIV disease at the end of the year. For new HIV disease cases-the number of individuals newly diagnosed in the year. For HIV disease deaths-the number of individuals that died in the year.

From 1982 to 2021, there have been a total of 10,975 HIV disease cases diagnosed in the St. Louis HIV Care Region and reported to DHSS (Figure 1). Of the cumulative cases reported, 60.8% were still presumed to be living with HIV disease at the end of 2021. Among those living with HIV disease, 4,078 were classified as HIV cases and 6,897 were classified as stage 3 (AIDS) cases.

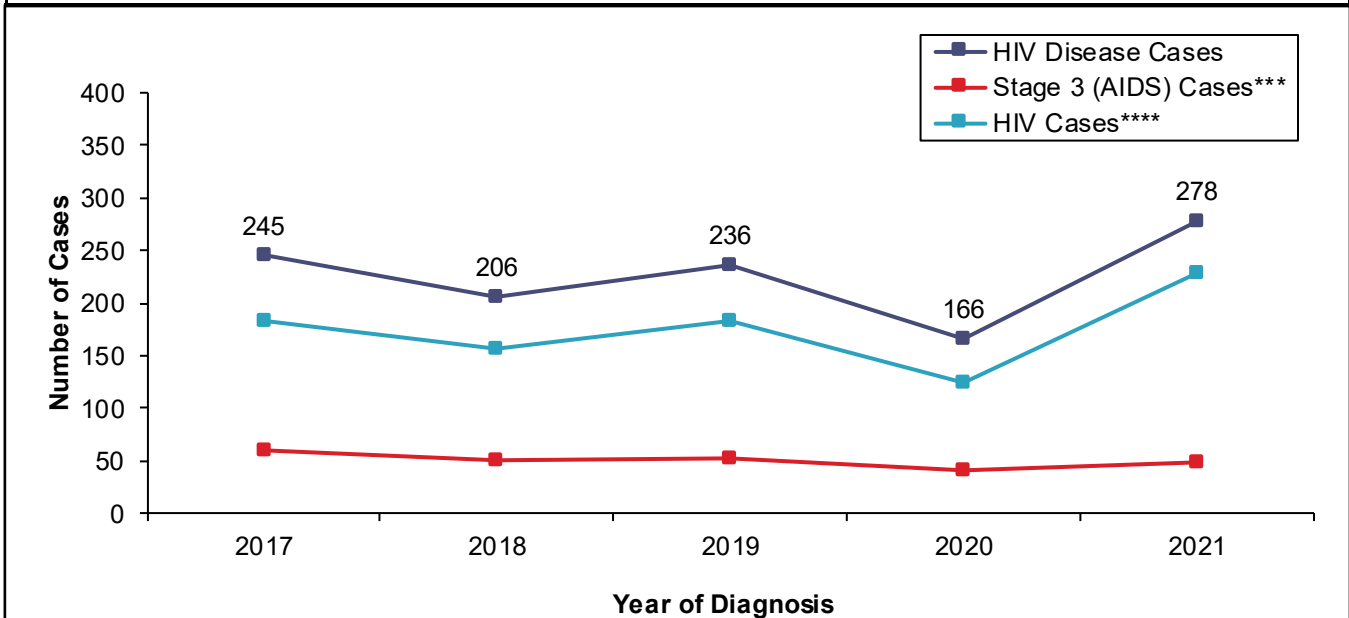
At the end of 2021, there were 6,671 persons living with HIV disease whose most recent diagnosis occurred in the St. Louis Region (Figure 2). The number of people living with HIV disease increased every year. There were 278 new HIV disease diagnoses in 2021. The number of new diagnoses remained generally stable except an decrease in 2020. The number of deaths among persons with HIV disease has remained generally steady.

Figure 3. HIV disease cases, by current status* and year of diagnosis, St. Louis HIV Care Region, 2017—2021**



*HIV case vs. stage 3 (AIDS) case
 **Cases are indicated by year of initial diagnosis reported to DHSS. (The year in which the first diagnosis of the person, whether as a HIV case or a stage 3 (AIDS) case, was documented by the department).
 ***These cases were either: 1) initially reported as HIV cases and then later reclassified as stage 3 (AIDS) cases because they subsequently met the stage 3 (AIDS) case definition; or 2) initially reported as stage 3 (AIDS) cases.
 ****These cases were initially reported as HIV cases and have remained HIV cases. They have not met the case definition for stage 3 (AIDS) as of December 31, 2021.

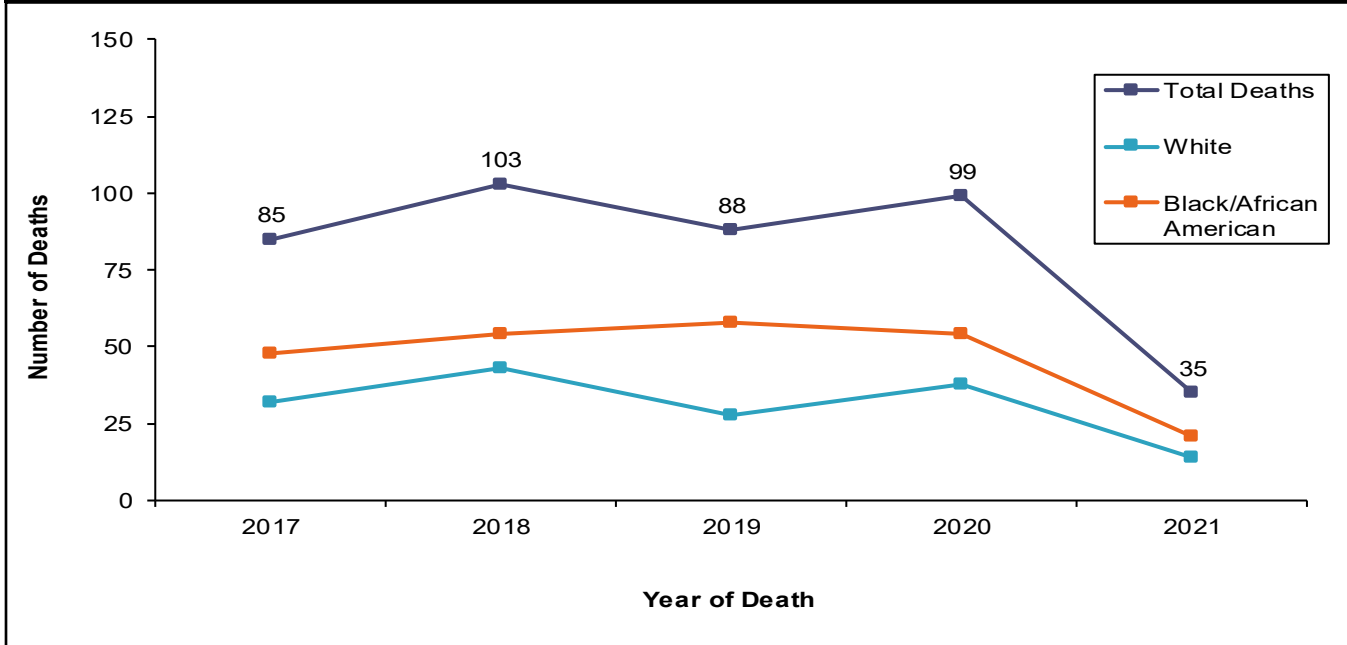
Figure 4. Reported HIV disease cases, by current status* and year of diagnosis, St. Louis HIV Care Region, 2017—2021**



*HIV case vs. stage 3 (AIDS) case
 **Cases are indicated by year of initial diagnosis reported to DHSS. (The year in which the first diagnosis of the person, whether as a HIV case or a stage 3 (AIDS) case, was documented by the department).
 ***These cases were either: 1) initially reported as HIV cases and then later reclassified as stage 3 (AIDS) cases because they subsequently met the stage 3 (AIDS) case definition; or 2) initially reported as stage 3 (AIDS) cases.
 ****These cases were initially reported as HIV cases and have remained HIV cases. They have not met the case definition for stage 3 (AIDS) as of December 31, 2021.

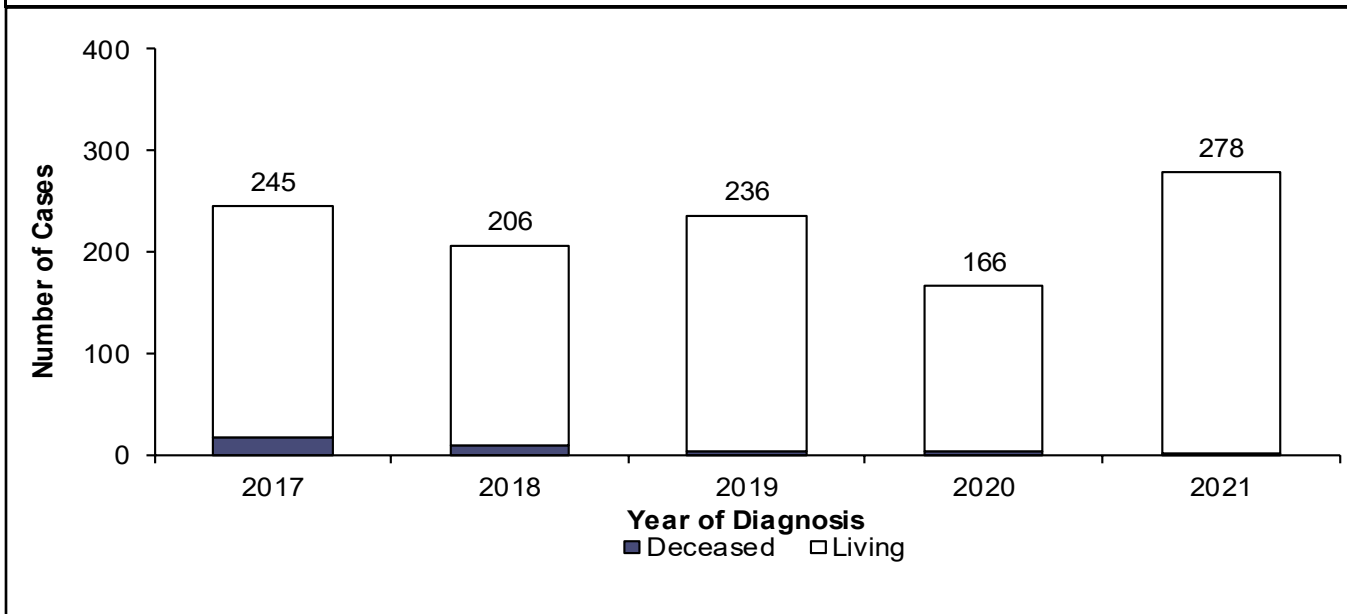
The number of new diagnoses has fluctuated from 2017 to 2021 with decreases in 2018 and 2020. Differences in the number of persons sub-classified as stage 3 (AIDS) cases each year are due to the progression of the disease over time.

Figure 5. HIV disease deaths*, by selected race, by year of death, St. Louis HIV Care Region, 2017—2021†



*Includes deaths that have occurred among those diagnosed with HIV disease in the St. Louis HIV Care Region.
 †Only includes deaths through December 31, 2021, and reported by February 28, 2022

Figure 6. Persons diagnosed with HIV disease by current vital status* and year of diagnosis, St. Louis HIV Care Region, 2017—2021**



*Vital status on December 31, 2021.
 **Cases are indicated by year of initial diagnosis reported to DHSS. (The year in which the first diagnosis of the person, whether as an HIV case or an stage 3 (AIDS) case, was documented by the department).

The number of deaths among persons with HIV disease fluctuated between 2017 and 2021 (Figure 5). The lower number of deaths in 2019-2020 was likely due to delays in death reporting.

Of the 245 persons diagnosed with HIV disease in 2017, 17 (7%) were deceased by the end of 2017 (Figure 6). Among the 278 individuals first diagnosed in 2021, one individual was deceased at the end of 2021. The difference in the proportion of cases that are deceased is due to the length of time individuals have been living with the disease.

Table 1. Living[†] HIV, stage 3 (AIDS), and HIV disease cases, by sex, by race/ethnicity, by race/ethnicity and sex, and by current age, St. Louis HIV Care Region, 2021

| | HIV* | | | Stage 3 (AIDS)** | | | HIV Disease*** | | |
|---------------------------------------|--------------|---------------|--------------|------------------|---------------|--------------|----------------|---------------|--------------|
| | Cases | % | Rate**** | Cases | % | Rate**** | Cases | % | Rate**** |
| Sex | | | | | | | | | |
| Male | 2,931 | 81.5% | 284.8 | 2,531 | 82.3% | 245.9 | 5,462 | 81.9% | 530.7 |
| Female | 665 | 18.5% | 60.7 | 544 | 17.7% | 49.6 | 1,209 | 18.1% | 110.3 |
| Total | 3,596 | 100.0% | 169.2 | 3,075 | 100.0% | 144.7 | 6,671 | 100.0% | 313.8 |
| Race/Ethnicity | | | | | | | | | |
| White | 1,332 | 37.8% | 85.9 | 1,155 | 38.3% | 74.5 | 2,487 | 38.0% | 160.4 |
| Black/African American | 2,021 | 57.3% | 478.7 | 1,745 | 57.9% | 413.4 | 3,766 | 57.6% | 892.1 |
| Hispanic | 139 | 3.9% | 205.7 | 97 | 3.2% | 143.6 | 236 | 3.6% | 349.3 |
| Asian/Pacific Islander | 33 | 0.9% | 41.5 | 15 | 0.5% | 18.9 | 48 | 0.7% | 60.4 |
| American Indian/Alaskan Native | 2 | 0.1% | 33.2 | 0 | 0.0% | 0.0 | 2 | 0.0% | 33.2 |
| Total | 3,527 | 100.0% | 165.9 | 3,012 | 100.0% | 141.7 | 6,539 | 100.0% | 307.6 |
| Race/Ethnicity-Males | | | | | | | | | |
| White Male | 1,199 | 41.7% | 157.8 | 1,047 | 42.2% | 137.8 | 2,246 | 41.9% | 295.5 |
| Black/African American Male | 1,532 | 53.3% | 795.0 | 1,341 | 54.0% | 695.9 | 2,873 | 53.6% | 1490.9 |
| Hispanic Male | 116 | 4.0% | 332.7 | 83 | 3.3% | 238.1 | 199 | 3.7% | 570.8 |
| Asian/Pacific Islander Male | 27 | 0.9% | 69.6 | 11 | 0.4% | 28.4 | 38 | 0.7% | 98.0 |
| American Indian/Alaskan Native Male | 1 | 0.0% | 34.5 | 0 | 0.0% | 0.0 | 1 | 0.0% | 34.5 |
| Total | 2,875 | 100.0% | 279.3 | 2,482 | 100.0% | 241.2 | 5,357 | 100.0% | 520.5 |
| Race/Ethnicity-Females | | | | | | | | | |
| White Female | 133 | 20.4% | 16.8 | 108 | 20.4% | 13.7 | 241 | 20.4% | 30.5 |
| Black/African American Female | 489 | 75.0% | 213.1 | 404 | 76.2% | 176.1 | 893 | 75.5% | 389.2 |
| Hispanic Female | 23 | 3.5% | 70.3 | 14 | 2.6% | 42.8 | 37 | 3.1% | 113.1 |
| Asian/Pacific Islander Female | 6 | 0.9% | 14.7 | 4 | 0.8% | 9.8 | 10 | 0.8% | 24.6 |
| American Indian/Alaskan Native Female | 1 | 0.2% | 31.9 | 0 | 0.0% | 0.0 | 1 | 0.1% | 31.9 |
| Total | 652 | 100.0% | 59.5 | 530 | 100.0% | 48.3 | 1,182 | 100.0% | 107.8 |
| Current Age[‡] | | | | | | | | | |
| <2 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| 2-12 | 9 | 0.3% | 3.2 | 1 | 0.0% | 0.4 | 10 | 0.1% | 3.5 |
| 13-18 | 17 | 0.5% | 10.8 | 1 | 0.0% | 0.6 | 18 | 0.3% | 11.4 |
| 19-24 | 169 | 4.7% | 113.8 | 28 | 0.9% | 18.9 | 197 | 3.0% | 132.7 |
| 25-44 | 1,737 | 48.3% | 304.7 | 805 | 26.2% | 141.2 | 2,542 | 38.1% | 445.9 |
| 45-64 | 1,350 | 37.5% | 245.8 | 1,838 | 59.8% | 334.7 | 3,188 | 47.8% | 580.5 |
| 65+ | 314 | 8.7% | 85.1 | 402 | 13.1% | 109.0 | 716 | 10.7% | 194.1 |
| Total | 3,596 | 100.0% | 169.2 | 3,075 | 100.0% | 144.7 | 6,671 | 100.0% | 313.8 |

[†]Includes persons diagnosed with HIV disease in the St. Louis HIV Care Region who are currently living, regardless of current residence.

*Cases which remained HIV cases at the end of 2021.

**Cases classified as stage 3 (AIDS) by December 31, 2021.

***The sum of HIV cases and stage 3 (AIDS) cases.

****Per 100,000 population based on 2020 DHSS estimates.

[‡]Based on age as of December 31, 2021.

Note: Percentages may not total due to rounding.

Table 2. Diagnosed HIV, stage 3 (AIDS), and HIV disease cases, by sex, by race/ethnicity, by race/ethnicity and sex, and current age, St. Louis HIV Care Region, 2021

| | | | | | | | | |
|---------------------------------------|------------|---------------|-------------|-----------|---------------|------------|------------|---------------|
| Male | 186 | 81.2% | 18.1 | 40 | 81.6% | 3.9 | 226 | 81.3% |
| Female | 43 | 18.8% | 3.9 | 9 | 18.4% | 0.8 | 52 | 18.7% |
| Total | 229 | 100.0% | 10.8 | 49 | 100.0% | 2.3 | 278 | 100.0% |
| Race/Ethnicity | | | | | | | | |
| White | 64 | 28.6% | 4.1 | 21 | 44.7% | 1.4 | 85 | 31.4% |
| Black/African American | 139 | 62.1% | 32.9 | 21 | 44.7% | 5.0 | 160 | 59.0% |
| Hispanic | 16 | 7.1% | 23.7 | 5 | 10.6% | 7.4 | 21 | 7.7% |
| Asian/Pacific Islander | 4 | 1.8% | 5.0 | 0 | 0.0% | 0.0 | 4 | 1.5% |
| American Indian/Alaskan Native | 1 | 0.4% | 16.6 | 0 | 0.0% | 0.0 | 1 | 0.4% |
| Total | 224 | 100.0% | 10.5 | 47 | 100.0% | 2.2 | 271 | 100.0% |
| Race/Ethnicity-Males | | | | | | | | |
| White Male | 53 | 29.1% | 7.0 | 17 | 44.7% | 2.2 | 70 | 31.8% |
| Black/African American Male | 110 | 60.4% | 57.1 | 17 | 44.7% | 8.8 | 127 | 57.7% |
| Hispanic Male | 15 | 8.2% | 43.0 | 4 | 10.5% | 11.5 | 19 | 8.6% |
| Asian/Pacific Islander Male | 4 | 2.2% | 10.3 | 0 | 0.0% | 0.0 | 4 | 1.8% |
| American Indian/Alaskan Native Male | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% |
| Total | 182 | 100.0% | 17.7 | 38 | 100.0% | 3.7 | 220 | 100.0% |
| Race/Ethnicity-Females | | | | | | | | |
| White Female | 11 | 26.2% | 1.4 | 4 | 44.4% | 0.5 | 15 | 29.4% |
| Black/African American Female | 29 | 69.0% | 12.6 | 4 | 44.4% | 1.7 | 33 | 64.7% |
| Hispanic Female | 1 | 2.4% | 3.1 | 1 | 11.1% | 3.1 | 2 | 3.9% |
| Asian/Pacific Islander Female | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% |
| American Indian/Alaskan Native Female | 1 | 2.4% | 31.9 | 0 | 0.0% | 0.0 | 1 | 2.0% |
| Total | 42 | 100.0% | 3.8 | 9 | 100.0% | 0.8 | 51 | 100.0% |
| Current Age[‡] | | | | | | | | |
| <2 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% |
| 2-12 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% |
| 13-18 | 1 | 0.4% | 0.6 | 1 | 2.0% | 0.6 | 2 | 0.7% |
| 19-24 | 46 | 20.1% | 31.0 | 3 | 6.1% | 2.0 | 49 | 17.6% |
| 25-44 | 141 | 61.6% | 24.7 | 23 | 46.9% | 4.0 | 164 | 59.0% |
| 45-64 | 34 | 14.8% | 6.2 | 20 | 40.8% | 3.6 | 54 | 19.4% |
| 65+ | 7 | 3.1% | 1.9 | 2 | 4.1% | 0.5 | 9 | 3.2% |
| Total | 229 | 100.0% | 10.8 | 49 | 100.0% | 2.3 | 278 | 100.0% |

*HIV cases diagnosed during 2021, which remained HIV cases at the end of the year.

**Stage 3 (AIDS) cases initially diagnosed in 2021.

***The sum of newly diagnosed HIV cases and newly diagnosed stage 3 (AIDS) cases. Does not include cases diagnosed prior to 2021 with HIV, which progressed to stage 3 (AIDS) in 2021.

****Per 100,000 population based on 2020 DHSS estimates.

‡Based on age as of December 31, 2021.

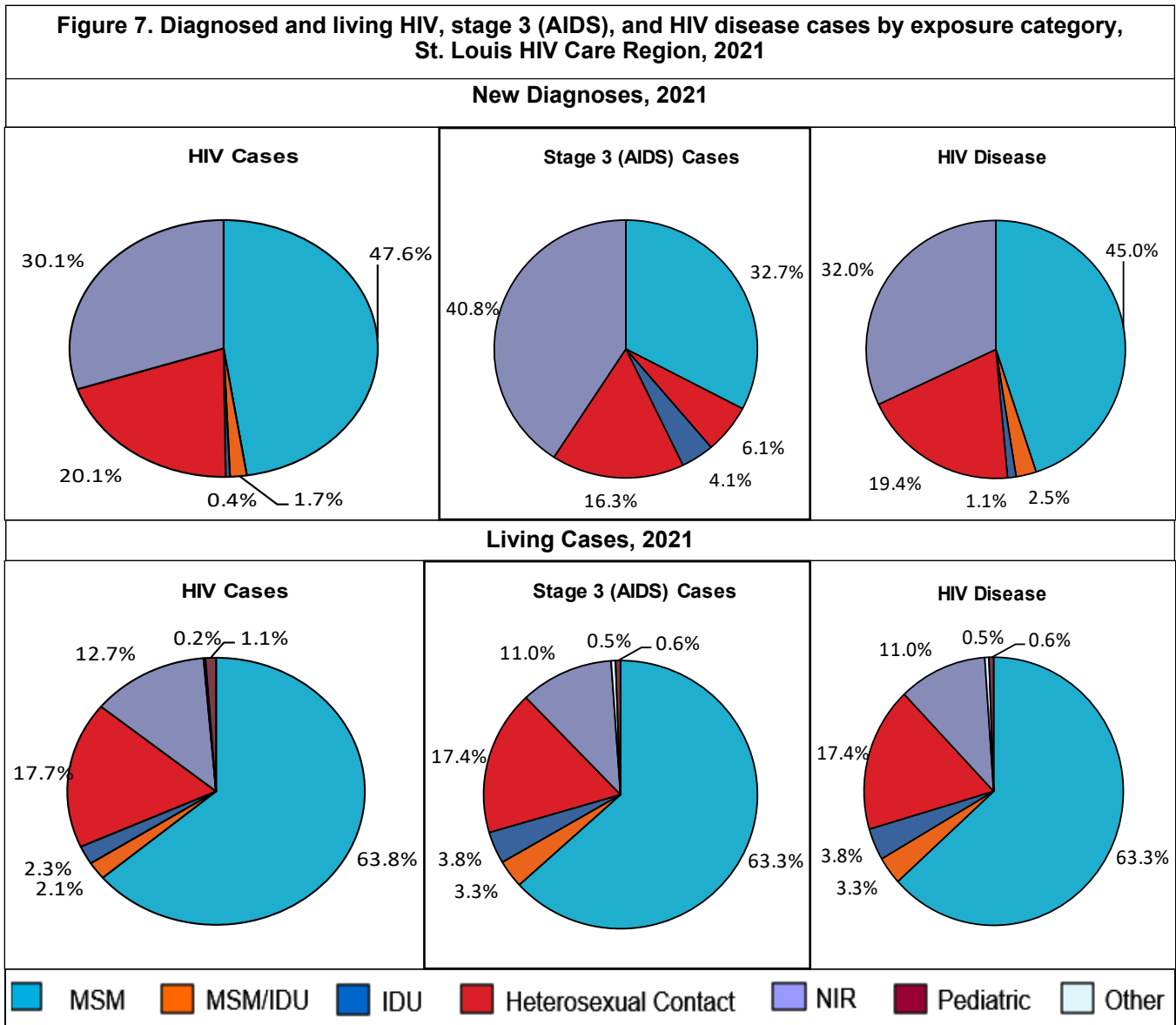
Note: Percentages may not total due to rounding.

Epi Profiles Summary: St. Louis HIV Care Region

Of the 6,671 persons living with HIV disease at the end of 2021, 81.9% were males (Table 1). The rate of those living with HIV disease was 4.8 times as high among males compared to females. In contrast to the rest of the HIV Care Regions where whites comprised the majority of persons living with HIV disease, Black/African Americans represented the largest number in the St. Louis HIV Care Region. The rate of persons living with HIV disease among Black/African Americans was 5.6 times as high as the rate among whites. Among males, the rate of individuals living with HIV disease for Black/African American was 5 times as high compared to whites. Among females, the rate of those living with HIV disease among Black/African Americans was 13 times as high as the rate among whites, and 3.7 times as high among Hispanics compared to whites.

Of the 278 persons newly diagnosed with HIV disease in 2021, 17.6% were classified as stage 3 (AIDS) cases by the end of 2021 (Table 2). The rate of new HIV disease diagnoses was 4.7 times as high among males compared to females. The rate of new HIV disease cases was 6.9 times as high among Black/African Americans compared to whites, and 5.7 times as high among Hispanics compared to whites. Among males, the rate of new HIV disease cases for Black/African American was 7.2 times as high compared to whites and 5.9 times as high among Hispanics compared to whites. Among females, the rate of new HIV disease cases for Black/African American was 7.6 times as high compared to whites and 3.2 times as high among Hispanics compared to whites.

Figure 7. Diagnosed and living HIV, stage 3 (AIDS), and HIV disease cases by exposure category, St. Louis HIV Care Region, 2021



Among all categories, the largest proportion of cases with a known risk was attributed to MSM (Figure 7). The small proportion of cases with no indicated risk made trends difficult to interpret for all categories. The surveillance program examined methods to improve the identification and reporting of exposure category information.

Table 3. New and living HIV and stage 3 (AIDS) cases and rates, by geographic area, St. Louis HIV Care Region, 2021

| Geographic Area | HIV Cases | | | | | | Stage 3 (AIDS) Cases | | | | | |
|--|-----------------|---------------|-------------|--------------|---------------|--------------|----------------------|---------------|------------|--------------|---------------|--------------|
| | Diagnosed 2021* | | | Living | | | Diagnosed 2021** | | | Living | | |
| | Cases | % | Rate*** | Cases | % | Rate*** | Cases | % | Rate*** | Cases | % | Rate*** |
| St. Louis City | 92 | 40.2% | 30.9 | 1,817 | 50.5% | 610.5 | 16 | 32.7% | 5.4 | 1,644 | 53.5% | 552.3 |
| St. Louis County | 115 | 50.2% | 11.6 | 1,470 | 40.9% | 147.9 | 28 | 57.1% | 2.8 | 1,177 | 38.3% | 118.4 |
| St. Charles County | 12 | 5.2% | 3.0 | 169 | 4.7% | 41.6 | 3 | 6.1% | 0.7 | 135 | 4.4% | 33.2 |
| Remainder of Region | 10 | 4.4% | 2.3 | 140 | 3.9% | 32.7 | 2 | 4.1% | 0.5 | 119 | 3.9% | 27.8 |
| ST. LOUIS HIV CARE REGION TOTAL | 229 | 100.0% | 10.8 | 3,596 | 100.0% | 169.2 | 49 | 100.0% | 2.3 | 3,075 | 100.0% | 144.7 |

*HIV cases diagnosed and reported to the Department during 2021 which remained HIV cases t he end of the year.

**Does not include HIV cases diagnosed prior to 2020 that progressed to stage 3 (AIDS) in 2021.

***Per 100,000 population based on 2020 DHSS estimates.

Note: Percentages may not total due to rounding.

Table 4. Diagnosed HIV cases and rates, by selected race/ethnicity, by geographic area, St. Louis HIV Care Region, 2021

| Area | White | | | Black/African American | | | Hispanic | | | Total** | | |
|--|-----------|--------------|------------|------------------------|--------------|-------------|-----------|-------------|-------------|------------|---------------|-------------|
| | Cases | % | Rate* | Cases | % | Rate* | Cases | % | Rate* | Cases | % | Rate* |
| St. Louis City | 28 | 30.4% | 20.6 | 53 | 57.6% | 38.9 | 8 | 8.7% | 62.1 | 92 | 100.0% | 32.3 |
| St. Louis County | 19 | 16.5% | 2.9 | 83 | 72.2% | 32.6 | 8 | 7.0% | 26.1 | 115 | 100.0% | 12.2 |
| St. Charles County | 8 | 66.7% | 2.3 | 3 | 25.0% | 12.6 | 0 | 0.0% | 0.0 | 12 | 100.0% | 3.1 |
| Remainder of Region | 9 | 90.0% | 2.2 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 10 | 100.0% | 2.4 |
| ST. LOUIS HIV CARE REGION TOTAL | 64 | 27.9% | 4.1 | 139 | 60.7% | 32.9 | 16 | 0.0% | 23.7 | 229 | 100.0% | 11.2 |

*Per 100,000 population based on 2020 DHSS estimates.

**Includes cases in persons whose race/ethnicity is either unknown or not listed.

Note: Row percentages are shown. Percentages may not total due to rounding.

Table 5. Diagnosed stage 3 (AIDS) cases and rates, by selected race/ethnicity, by geographic area, St. Louis HIV Care Region, 2021

| Area | White | | | Black/African American | | | Hispanic | | | Total** | | |
|--|-----------|--------------|------------|------------------------|--------------|------------|----------|--------------|------------|-----------|---------------|------------|
| | Cases | % | Rate* | Cases | % | Rate* | Cases | % | Rate* | Cases | % | Rate* |
| St. Louis City | 10 | 62.5% | 7.3 | 5 | 31.3% | 3.7 | 0 | 0.0% | 0.0 | 16 | 100.0% | 5.6 |
| St. Louis County | 6 | 21.4% | 0.9 | 16 | 57.1% | 6.3 | 5 | 17.9% | 16.3 | 28 | 100.0% | 3.0 |
| Remainder of Region | 5 | 100.0% | 1.2 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 5 | 100.0% | 1.2 |
| ST. LOUIS HIV CARE REGION TOTAL | 21 | 42.9% | 1.4 | 21 | 42.9% | 5.0 | 5 | 10.2% | 7.4 | 49 | 100.0% | 2.4 |

*Per 100,000 population based on 2020 DHSS estimates.

**Includes cases in persons whose race/ethnicity is either unknown or not listed.

Note: Row percentages are shown. Percentages may not total due to rounding.

The rates of new and living diagnoses were higher in St. Louis City compared to other areas in the St. Louis HIV Care Region (Table 3).

There were differences in the proportion of new HIV cases diagnosed by race/ethnicity among the geographic areas (Table 4). Greater proportions of the new HIV cases diagnosed in St. Louis City and St. Louis County were Black/African American compared to the remainder of the St. Louis HIV Care Region.

There were also differences in the proportion of new stage 3 (AIDS) cases diagnosed by race/ethnicity among the geographic areas (Table 5). Overall, a greater percentage of Black/African Americans were diagnosed in St. Louis County compared to the remainder of the St. Louis HIV Care Region, where whites represented a greater percentage of diagnoses.

Table 6. Newly diagnosed and living HIV and stage 3 (AIDS) cases in men who have sex with men, by selected race/ethnicity, St. Louis HIV Care Region, 2021

| Race/Ethnicity | HIV Cases* | | | | Stage 3 (AIDS) Cases | | | |
|--|-----------------|---------------|--------------|---------------|----------------------|---------------|--------------|---------------|
| | Newly Diagnosed | | Living | | Newly Diagnosed** | | Living | |
| | Cases | % | Cases | % | Cases | % | Cases | % |
| White | 32 | 29.4% | 1,002 | 43.7% | 7 | 43.8% | 869 | 44.7% |
| Black/African American | 64 | 58.7% | 1,132 | 49.3% | 7 | 43.8% | 971 | 49.9% |
| Hispanic | 7 | 6.4% | 91 | 4.0% | 2 | 12.5% | 58 | 3.0% |
| Other/Unknown | 6 | 5.5% | 69 | 3.0% | 0 | 0.0% | 47 | 2.4% |
| ST. LOUIS HIV CARE REGION TOTAL | 109 | 100.0% | 2,294 | 100.0% | 16 | 100.0% | 1,945 | 100.0% |

*Remained HIV cases at the end of the year.

**Does not include HIV cases diagnosed prior to 2020 that progressed to stage 3 (AIDS) in 20201

Note: Percentages may not total due to rounding.

Table 7. Living HIV disease cases in men who have sex with men, by selected race/ethnicity, by current age group, St. Louis HIV Care Region, 2021

| Age Group | White | | Black/African American | | Hispanic | | Total* | |
|--|--------------|---------------|------------------------|---------------|------------|---------------|--------------|---------------|
| | Cases | %** | Cases | %** | Cases | %** | Cases | %** |
| 13-18 | 0 | 0.0% | 2 | 0.1% | 0 | 0.0% | 2 | 0.0% |
| 19-24 | 13 | 0.7% | 107 | 5.1% | 6 | 4.0% | 129 | 3.0% |
| 25-44 | 457 | 24.4% | 1,076 | 51.2% | 77 | 51.7% | 1,678 | 39.6% |
| 45-64 | 1,071 | 57.2% | 795 | 37.8% | 58 | 38.9% | 1,965 | 46.4% |
| 65+ | 330 | 17.6% | 123 | 5.8% | 8 | 5.4% | 465 | 11.0% |
| ST. LOUIS HIV CARE REGION TOTAL | 1,871 | 100.0% | 2,103 | 100.0% | 149 | 100.0% | 4,239 | 100.0% |

*Row totals and percentages include cases in persons whose race/ethnicity is either unknown or not listed.

**Percentage of cases per age group.

Note: Percentages may not total due to rounding.

Table 8. Living HIV disease cases in men who have sex with men, by selected race/ethnicity, by geographic area, St. Louis HIV Care Region, 2021

| Geographic Area | White | | Black/African American | | Hispanic | | Total* | |
|--|--------------|--------------|------------------------|--------------|------------|-------------|--------------|---------------|
| | Cases | %** | Cases | %** | Cases | %** | Cases | %*** |
| St. Louis City | 1,020 | 45.0% | 1,122 | 49.5% | 59 | 2.6% | 2,267 | 53.5% |
| St. Louis County | 583 | 35.5% | 936 | 57.0% | 81 | 4.9% | 1,641 | 38.7% |
| St. Charles County | 143 | 74.9% | 37 | 19.4% | 5 | 2.6% | 191 | 4.5% |
| Remaining Counties | 125 | 89.3% | 8 | 5.7% | 4 | 2.9% | 140 | 3.3% |
| ST. LOUIS HIV CARE REGION TOTAL | 1,871 | 44.1% | 2,103 | 49.6% | 149 | 3.5% | 4,239 | 100.0% |

*Row totals and percentages include cases in persons whose race/ethnicity is either unknown or not listed.

**Percentage of race/ethnicity in each area.

***Percentage of cases per area.

Note: Percentages may not total due to rounding.

There were a total of 125 new HIV disease diagnoses attributed to MSM in 2021 for the St. Louis HIV Care Region (Table 6). Black/African Americans represented the greatest proportion of new HIV and stage 3 (AIDS) cases diagnosed in 2021 among MSM. Among MSM living with HIV disease, Black/African Americans represented the largest proportion of living HIV and stage 3 (AIDS) cases followed closely by whites.

The distribution of living HIV disease cases by current age varied by race/ethnicity among MSM (Table 7). Among white MSM living with HIV disease, the majority (57.2%) were between 45-64 years of age at the end of 2021. In contrast, the greatest proportions of Black/African American (51.2%) and Hispanic (51.7%) MSM living with HIV disease were between 25-44 years of age.

There were differences in the distribution of persons living with HIV disease by race/ethnicity among the geographic areas for MSM (Table 8). Black/African American MSM comprised a larger proportion of persons living with HIV disease in St. Louis County and St. Louis City while whites were the largest proportion of persons living with HIV for remaining countries.

Table 9. Newly diagnosed and living HIV and stage 3 (AIDS) cases in men who have sex with men and inject drugs, by selected race/ethnicity, St. Louis HIV Care Region, 2021

| Race/Ethnicity | HIV Cases* | | | | Stage 3 (AIDS) Cases | | | |
|--|-----------------|---------------|-----------|---------------|----------------------|---------------|------------|---------------|
| | Newly Diagnosed | | Living | | Newly Diagnosed** | | Living | |
| | Cases | % | Cases | % | Cases | % | Cases | % |
| White | 1 | 25.0% | 34 | 44.2% | 2 | 25.0% | 49 | 47.6% |
| Black/African American | 1 | 25.0% | 35 | 45.5% | 0 | 25.0% | 50 | 48.5% |
| Hispanic | 1 | 25.0% | 6 | 7.8% | 0 | 25.0% | 2 | 1.9% |
| Other/Unknown | 1 | 25.0% | 2 | 2.6% | 1 | 25.0% | 2 | 1.9% |
| ST. LOUIS HIV CARE REGION TOTAL | 4 | 100.0% | 77 | 100.0% | 3 | 100.0% | 103 | 100.0% |

*Remained HIV cases at the end of the year.

**Does not include HIV cases diagnosed prior to 2021 that progressed to stage 3 (AIDS) in 2021.

Note: Percentages may not total due to rounding.

Table 10. Living HIV disease cases in men who have sex with men and inject drugs, by selected race/ethnicity, by current age group, St. Louis HIV Care Region, 2021

| Age Group | White | | Black/African American | | Hispanic | | Total* | |
|--|-----------|---------------|------------------------|---------------|----------|---------------|------------|---------------|
| | Cases | %** | Cases | %** | Cases | %** | Cases | %** |
| 13-18 | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| 19-24 | 0 | 0.0% | 0 | 0.0% | 1 | 12.5% | 1 | 0.6% |
| 25-44 | 25 | 30.1% | 25 | 29.4% | 2 | 25.0% | 55 | 30.6% |
| 45-64 | 43 | 51.8% | 45 | 52.9% | 5 | 62.5% | 94 | 52.2% |
| 65+ | 15 | 18.1% | 15 | 17.6% | 0 | 0.0% | 30 | 16.7% |
| ST. LOUIS HIV CARE REGION TOTAL | 83 | 100.0% | 85 | 100.0% | 8 | 100.0% | 180 | 100.0% |

*Row totals and percentages include cases in persons whose race/ethnicity is either unknown or not listed.

**Percentage of cases per age group.

Note: Percentages may not total due to rounding.

Table 11. Living HIV disease cases in men who have sex with men and inject drugs, by selected race/ethnicity, by geographic area, St. Louis HIV Care Region, 2021

| Geographic Area | White | | Black/African American | | Hispanic | | Total* | |
|--|-----------|--------------|------------------------|--------------|----------|-------------|------------|---------------|
| | Cases | %** | Cases | %** | Cases | %** | Cases | %*** |
| St. Louis City | 44 | 40.4% | 57 | 52.3% | 5 | 4.6% | 109 | 60.6% |
| St. Louis County | 24 | 46.2% | 28 | 53.8% | 0 | 0.0% | 52 | 28.9% |
| St. Charles County | 5 | 83.3% | 0 | 0.0% | 1 | 16.7% | 6 | 3.3% |
| Remaining Counties | 10 | 76.9% | 0 | 0.0% | 2 | 15.4% | 13 | 7.2% |
| ST. LOUIS HIV CARE REGION TOTAL | 83 | 46.1% | 85 | 47.2% | 8 | 4.4% | 180 | 100.0% |

*Row totals and percentages include cases in persons whose race/ethnicity is either unknown or not listed.

**Percentage of race/ethnicity in each area.

***Percentage of cases per area.

Note: Percentages may not total due to rounding.

There were seven new HIV disease diagnoses attributed to MSM/IDU in 2021 for the St. Louis HIV Care Region (Table 9). There were 180 living HIV disease cases attributed to MSM/IDU at the end of 2021 in the St. Louis HIV Care Region. The number of living HIV cases and living stage 3 (AIDS) cases among MSM/IDU were nearly equal among Black/African Americans and whites.

The majority of persons living with HIV disease among MSM/IDU all races/ethnicity categories were 45-64 years old at the end of 2021 (Table 10).

There were differences in the distribution of living cases by race/ethnicity among the geographic areas for MSM/IDU (Table 11). Black/African American MSM/IDU comprised a larger proportion of living cases in St. Louis City and St. Louis County compared to other areas.

Table 12. Newly diagnosed and living HIV and stage 3 (AIDS) cases in injecting drug users, by selected race/ethnicity and sex, St. Louis HIV Care Region, 2021

| Race/Ethnicity and Sex | HIV Cases* | | | | Stage 3 (AIDS) Cases | | | |
|---|-----------------|---------------|-----------|---------------|----------------------|---------------|------------|---------------|
| | Newly Diagnosed | | Living | | Newly Diagnosed** | | Living | |
| | Cases | % | Cases | % | Cases | % | Cases | % |
| White Male | 0 | 0.0% | 16 | 19.8% | 2 | 100.0% | 14 | 12.0% |
| Black/African American Male | 0 | 0.0% | 27 | 33.3% | 0 | 0.0% | 49 | 41.9% |
| Hispanic Male | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 2 | 1.7% |
| White Female | 0 | 0.0% | 17 | 21.0% | 0 | 0.0% | 21 | 17.9% |
| Black/African American Female | 1 | 100.0% | 19 | 23.5% | 0 | 0.0% | 29 | 24.8% |
| Hispanic Female | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 1 | 0.9% |
| ST. LOUIS HIV CARE REGION TOTAL† | 1 | 100.0% | 81 | 100.0% | 2 | 100.0% | 117 | 100.0% |

*Remained HIV cases at the end of the year.

**Does not include HIV cases diagnosed prior to 2021 that progressed to stage 3 (AIDS) in 2021.

†Includes persons whose race/ethnicity is either unknown or not listed.

Note: Percentages may not total due to rounding.

Table 13. Living HIV disease cases in injecting drug users, by selected race/ethnicity, by current age group, St. Louis HIV Care Region, 2021

| Age Group | White Males | | Black/African American Males | | White Females | | Black/African American Females | | Total* | |
|--|-------------|---------------|------------------------------|---------------|---------------|---------------|--------------------------------|---------------|------------|---------------|
| | Cases | %** | Cases | %** | Cases | %** | Cases | %** | Cases | %** |
| 13-18 | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| 19-24 | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 1 | 2.1% | 1 | 0.5% |
| 25-44 | 6 | 20.0% | 10 | 13.2% | 17 | 44.7% | 10 | 20.8% | 45 | 22.6% |
| 45-64 | 19 | 63.3% | 41 | 53.9% | 18 | 47.4% | 32 | 66.7% | 113 | 56.8% |
| 65+ | 5 | 16.7% | 25 | 32.9% | 3 | 7.9% | 5 | 10.4% | 40 | 20.1% |
| ST. LOUIS HIV CARE REGION TOTAL | 30 | 100.0% | 76 | 100.0% | 38 | 100.0% | 48 | 100.0% | 199 | 100.0% |

*Row totals and percentages include cases in persons whose race/ethnicity is either unknown or not listed.

**Percentage of cases per age group.

Note: Percentages may not total due to rounding.

Table 14. Living HIV disease cases in injecting drug users, by selected race/ethnicity, by geographic area, St. Louis HIV Care Region, 2021

| Geographic Area | White | | Black/African American | | Hispanic | | Total* | |
|--|-----------|--------------|------------------------|--------------|----------|-------------|------------|---------------|
| | Cases | %** | Cases | %** | Cases | %** | Cases | %*** |
| St. Louis City | 20 | 17.2% | 92 | 79.3% | 2 | 1.7% | 116 | 58.3% |
| St. Louis County | 18 | 34.0% | 32 | 60.4% | 1 | 1.9% | 53 | 26.6% |
| St. Charles County | 15 | 100.0% | 0 | 0.0% | 0 | 0.0% | 15 | 7.5% |
| Remaining Counties | 15 | 100.0% | 0 | 0.0% | 0 | 0.0% | 15 | 7.5% |
| ST. LOUIS HIV CARE REGION TOTAL | 68 | 34.2% | 124 | 62.3% | 3 | 1.5% | 199 | 100.0% |

*Row totals and percentages include cases in persons whose race/ethnicity is either unknown or not listed.

**Percentage of race/ethnicity in each area.

***Percentage of cases per area.

Note: Percentages may not total due to rounding.

There was a three new HIV disease diagnoses attributed to IDU in 2021 for the St. Louis HIV Care Region (Table 12). Of the newly diagnosed cases among IDU, two progressed to stage 3 (AIDS) by the end of 2021. There were 199 persons living with HIV disease attributed to IDU at the end of 2021 in the St. Louis HIV Care Region. Black/African American males represented the largest proportion of both living HIV and stage 3 (AIDS) cases.

At the end of 2021, the greatest proportions of IDU cases living with HIV disease were between 45-64 years of age for all race/ethnicity categories (Table 13).

Black/African Americans had the largest proportion of IDU cases living with HIV disease by race/ethnicity among the geographic areas for IDU (Table 14).

Table 15. Newly diagnosed and living HIV and stage 3 (AIDS) cases in heterosexual contacts, by selected race/ethnicity and sex, St. Louis HIV Care Region, 2021

| Race/Ethnicity and Sex | HIV Cases* | | | | Stage 3 (AIDS) Cases | | | |
|---|-----------------|---------------|------------|---------------|----------------------|---------------|------------|---------------|
| | Newly Diagnosed | | Living | | Newly Diagnosed** | | Living | |
| | Cases | % | Cases | % | Cases | % | Cases | % |
| White Male | 0 | 0.0% | 29 | 4.5% | 0 | 0.0% | 28 | 5.2% |
| Black/African American Male | 6 | 13.0% | 110 | 17.2% | 0 | 0.0% | 113 | 21.1% |
| Hispanic Male | 1 | 2.2% | 5 | 0.8% | 0 | 0.0% | 6 | 1.1% |
| White Female | 9 | 19.6% | 93 | 14.6% | 3 | 37.5% | 68 | 12.7% |
| Black/African American Female | 28 | 60.9% | 368 | 57.7% | 4 | 50.0% | 298 | 55.6% |
| Hispanic Female | 1 | 2.2% | 16 | 2.5% | 1 | 12.5% | 10 | 1.9% |
| ST. LOUIS HIV CARE REGION TOTAL† | 46 | 100.0% | 638 | 100.0% | 8 | 100.0% | 536 | 100.0% |

*Remained HIV cases at the end of the year.

**Does not include HIV cases diagnosed prior to 2021 that progressed to stage 3 (AIDS) in 2021.

†Includes persons whose race/ethnicity is either unknown or not listed.

Note: Percentages may not total due to rounding.

Table 16. Living HIV disease cases in heterosexual contacts, by selected race/ethnicity and sex, by current age group, St. Louis HIV Care Region, 2021

| Age Group | White Males | | Black/African American Males | | White Females | | Black/African American Females | | Total* | |
|--|-------------|---------------|------------------------------|---------------|---------------|---------------|--------------------------------|---------------|--------------|---------------|
| | Cases | %** | Cases | %** | Cases | %** | Cases | %** | Cases | %** |
| | 13-18 | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 1 | 0.2% | 1 |
| 19-24 | 0 | 0.0% | 4 | 1.8% | 1 | 0.6% | 20 | 3.0% | 29 | 2.5% |
| 25-44 | 10 | 17.5% | 78 | 35.0% | 42 | 26.1% | 258 | 38.7% | 414 | 35.3% |
| 45-64 | 32 | 56.1% | 121 | 54.3% | 95 | 59.0% | 348 | 52.3% | 626 | 53.3% |
| 65+ | 15 | 26.3% | 20 | 9.0% | 23 | 14.3% | 39 | 5.9% | 104 | 8.9% |
| ST. LOUIS HIV CARE REGION TOTAL | 57 | 100.0% | 223 | 100.0% | 161 | 100.0% | 666 | 100.0% | 1,174 | 100.0% |

*Row totals and percentages include cases in persons whose race/ethnicity is either unknown or not listed.

**Percentage of cases per age group.

Note: Percentages may not total due to rounding.

Table 17. Living HIV disease cases in heterosexual contacts, by selected race/ethnicity, by geographic area, St. Louis HIV Care Region, 2021

| Geographic Area | White | | Black/African American | | Hispanic | | Total* | |
|--|------------|--------------|------------------------|--------------|-----------|-------------|--------------|---------------|
| | Cases | %** | Cases | %** | Cases | %** | Cases | %*** |
| St. Louis City | 63 | 11.1% | 474 | 83.7% | 17 | 3.0% | 566 | 48.2% |
| St. Louis County | 101 | 18.9% | 402 | 75.1% | 18 | 3.4% | 535 | 45.6% |
| St. Charles County | 20 | 58.8% | 11 | 32.4% | 1 | 2.9% | 34 | 2.9% |
| Remaining Counties | 34 | 87.2% | 2 | 5.1% | 1 | 2.6% | 39 | 3.3% |
| ST. LOUIS HIV CARE REGION TOTAL | 218 | 18.6% | 889 | 75.7% | 37 | 3.2% | 1,174 | 100.0% |

*Row totals and percentages include cases in persons whose race/ethnicity is either unknown or not listed.

**Percentage of race in each area.

***Percentage of cases per area.

Note: Percentages may not total due to rounding.

There were 54 new HIV disease diagnoses attributed to heterosexual contact in 2021 for the St. Louis HIV Care Region (Table 15). There were 1,174 persons living with HIV disease attributed to heterosexual contact at the end of 2021 in the St. Louis HIV Care Region. Black/African American females represented the largest proportion of both living HIV and stage 3 (AIDS) cases among heterosexual contact cases.

At the end of 2021, the greatest proportions of heterosexual contact cases living with HIV disease were between 45-64 years of age for all races/ethnicity categories (Table 16).

There were differences in the distribution of individuals living with HIV disease by race/ethnicity among the geographic areas for heterosexual contact cases (Table 17). Black/African American heterosexual contact cases comprised a larger proportion of living cases in St. Louis City and St. Louis County while whites comprised a greater proportion of living cases in the remaining counties.

Table 18. Newly diagnosed and living HIV and stage 3 (AIDS) cases with exposure category assignments for St. Louis HIV Care Region, 2021

| Exposure Category | HIV Cases | | | | Stage 3 (AIDS) Cases | | | |
|--|--------------|---------------|----------------|---------------|----------------------|---------------|--------------|---------------|
| | 2021* | | Living | | 2021** | | Living | |
| Adult/Adolescent | | | | | | | | |
| Men who have sex with men | 169 | 73.8% | 2,599 | 73.1% | 32 | 66.7% | 2,148 | 70.3% |
| Men who have sex with men and inject drugs | 7 | 3.1% | 88 | 2.5% | 5 | 10.4% | 114 | 3.7% |
| Injecting drug use | 1 | 0.4% | 94 | 2.6% | 3 | 6.3% | 136 | 4.5% |
| Heterosexual contact | 52 | 22.7% | 768 | 21.6% | 8 | 16.7% | 640 | 20.9% |
| Hemophilia/coagulation disorder | 0 | 0.0% | 3 | 0.1% | 0 | 0.0% | 16 | 0.5% |
| Blood transfusion or tissue recipient | 0 | 0.0% | 1 | 0.0% | 0 | 0.0% | 1 | 0.0% |
| No indicated risk (NIR) | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| ADULT/ADOLESCENT SUBTOTAL | 229 † | 100.0% | 3,556 † | 100.0% | 48 | 100.0% | 3,055 | 100.0% |
| Pediatric (<13 years old) | | | | | | | | |
| PEDIATRIC SUBTOTAL | 1 | 100.0% | 41 | 100.0% | 0 | 0.0% | 18 | 100.0% |
| TOTAL | 230 | | 3,597 | | 48 | | 3,073 | |

*HIV cases reported during 2021 which remained HIV cases at the end of the year.
 **Does not include HIV cases that progressed to stage 3 (AIDS).
 †Includes 1 case with a confirmed "other" exposure category.
 Note: Percentages may not total due to rounding.

The data in Table 18 have been adjusted to proportionately re-distribute individuals with no indicated risk factor based on sex and race/ethnicity to known exposure categories. These data do not reflect the true counts of persons reported in each exposure category. Among both new and living HIV and stage 3 (AIDS) cases, MSM represented the greatest proportion of cases. One new HIV case diagnoses was reported among children less than 13 years of age in 2021 in the St. Louis HIV Care Region.

Figure 8. Reported P&S syphilis cases, by race and sex, by age group at diagnosis, St. Louis HIV Care Region, 2021

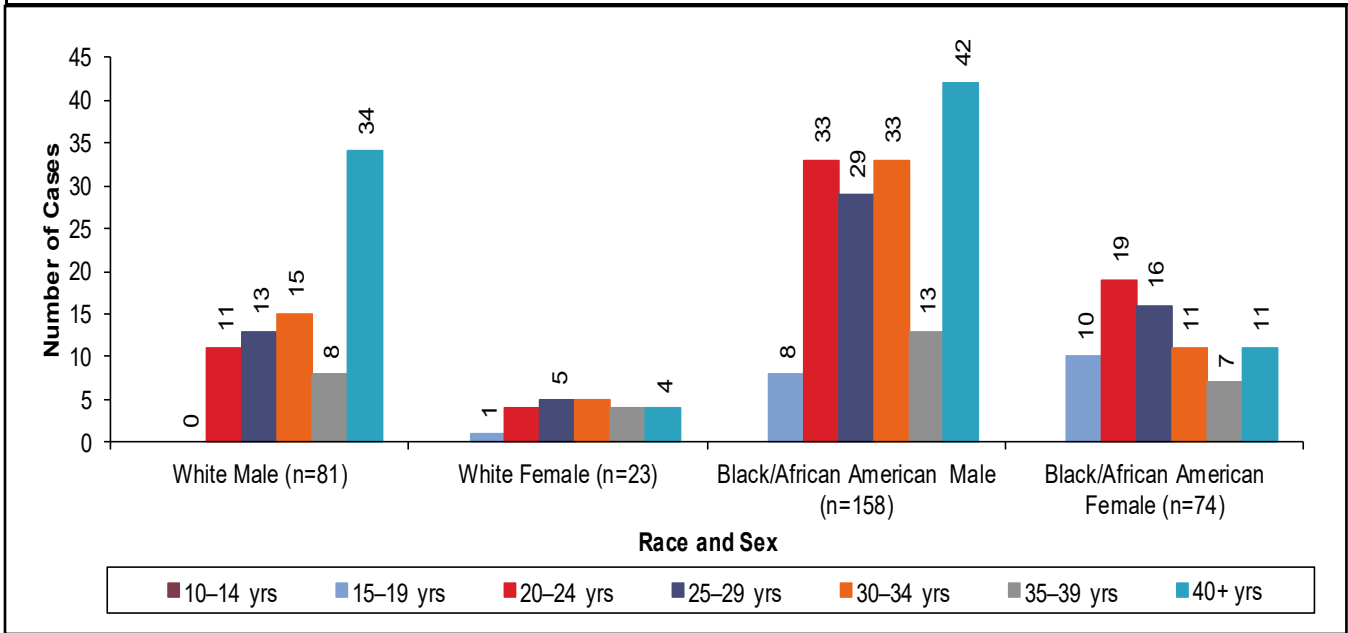
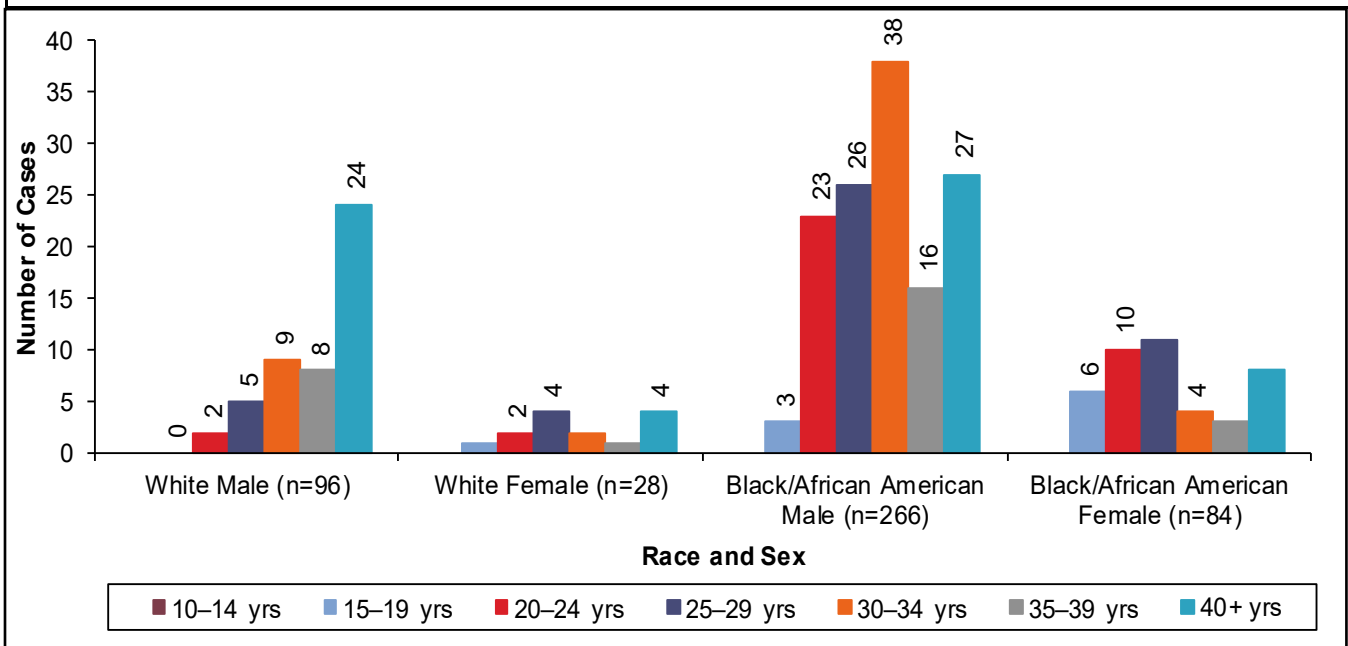


Figure 9. Reported early latent syphilis cases, by race and sex, by age group at diagnosis, St. Louis HIV Care Region, 2021

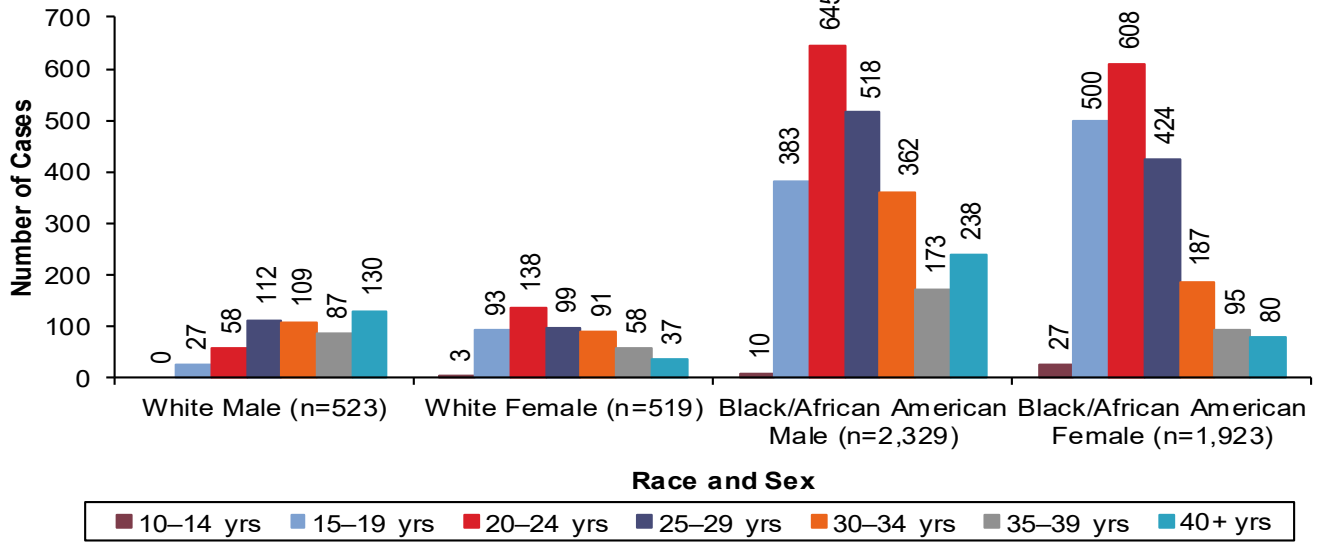


There were 237 P&S syphilis cases in St. Louis HIV Care Region in 2021 (Figure 8). The largest number of P&S syphilis cases was reported among Black/African American males (266).

There were differences in the distribution of reported cases by age at diagnosis among the race/ethnicity and sex categories. A greater proportion of diagnoses was 40 or more years old among white and Black/African American males compared to the other race/ethnicity and sex categories presented.

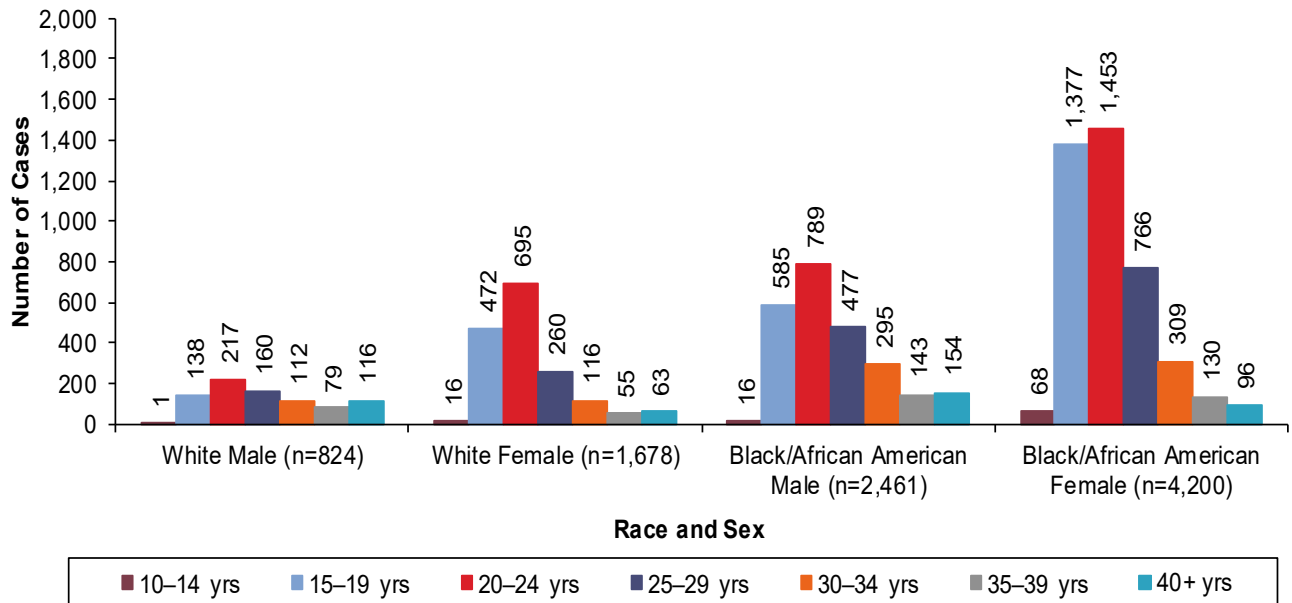
There were 175 early latent syphilis cases reported in 2020 (Figure 9). The largest number of early latent syphilis cases was reported among Black/African American males (83), followed by white males (61). Among white males, individuals 40 or more years of age represented the largest number of cases.

Figure 10. Reported gonorrhea cases, by race and sex, by age group at diagnosis, St. Louis HIV Care Region, 2021



Note: Totals include persons diagnosed at <10 years of age or whose age at diagnosis is unknown.

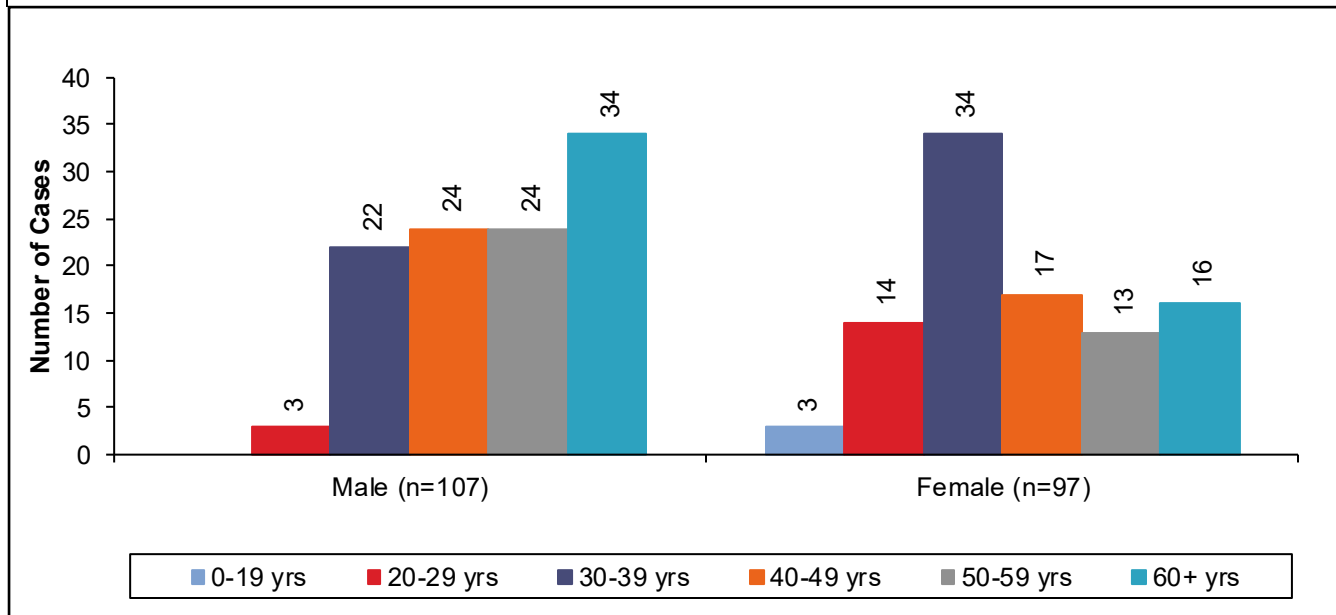
Figure 11. Reported chlamydia cases, by race and sex, by age group at diagnosis, St. Louis HIV Care Region, 2021



Note: Totals include persons diagnosed at <10 years of age or whose age at diagnosis is unknown.

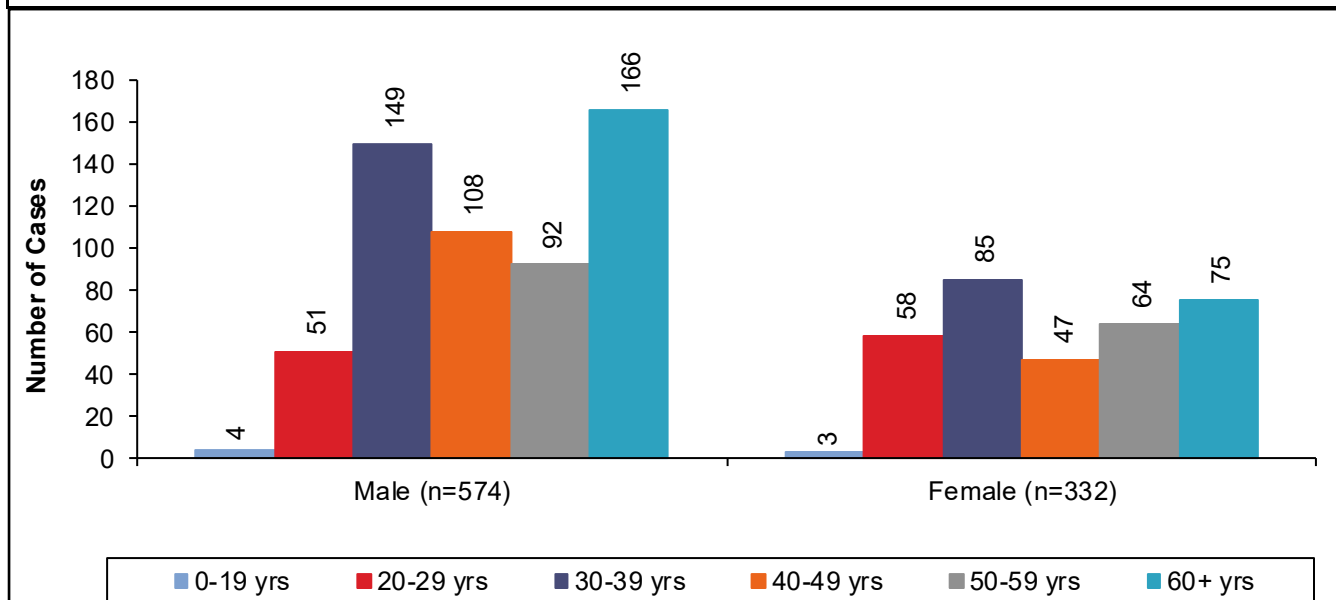
There were 9,163 gonorrhea cases reported in 2021 in St. Louis HIV Care Region (Figure 10). The largest number of chlamydia cases was reported among Black/African Americans (73%). Among genders, the largest number of gonorrhea cases was reported among Black/African American females (46%). The largest number of cases was diagnosed between 20-24 years of age among all race/ethnicity and sex categories presented. The largest number of chlamydia cases was reported among Black/African Americans (73%).

Figure 12. Reported hepatitis B cases, by sex and by age group at diagnosis, St. Louis HIV Care Region, 2021



Note: Totals include persons whose age at diagnosis is unknown.

Figure 13. Reported hepatitis C cases, by sex and by age group at diagnosis, St. Louis HIV Care Region, 2021



Note: Totals include persons whose age at diagnosis is unknown.

There were 204 reported cases of hepatitis B in the St. Louis HIV Care Region during 2021 (Figure 12). Males represented 52% of reported hepatitis B cases. There were differences in the age distribution of reported hepatitis B cases by sex. Among males, ages 60 years and older had the greatest number. Among females, the largest number of cases were reported in 30-39 age group.

In 2021, there were 906 hepatitis C cases reported in the St. Louis HIV Care Region (Figure 13). Of the hepatitis C reported cases, 63% were male. Among males, the largest numbers of cases were reported among persons 60 or more years of age at diagnosis. Among females, individuals 30-39 years of age had the largest of reported cases.