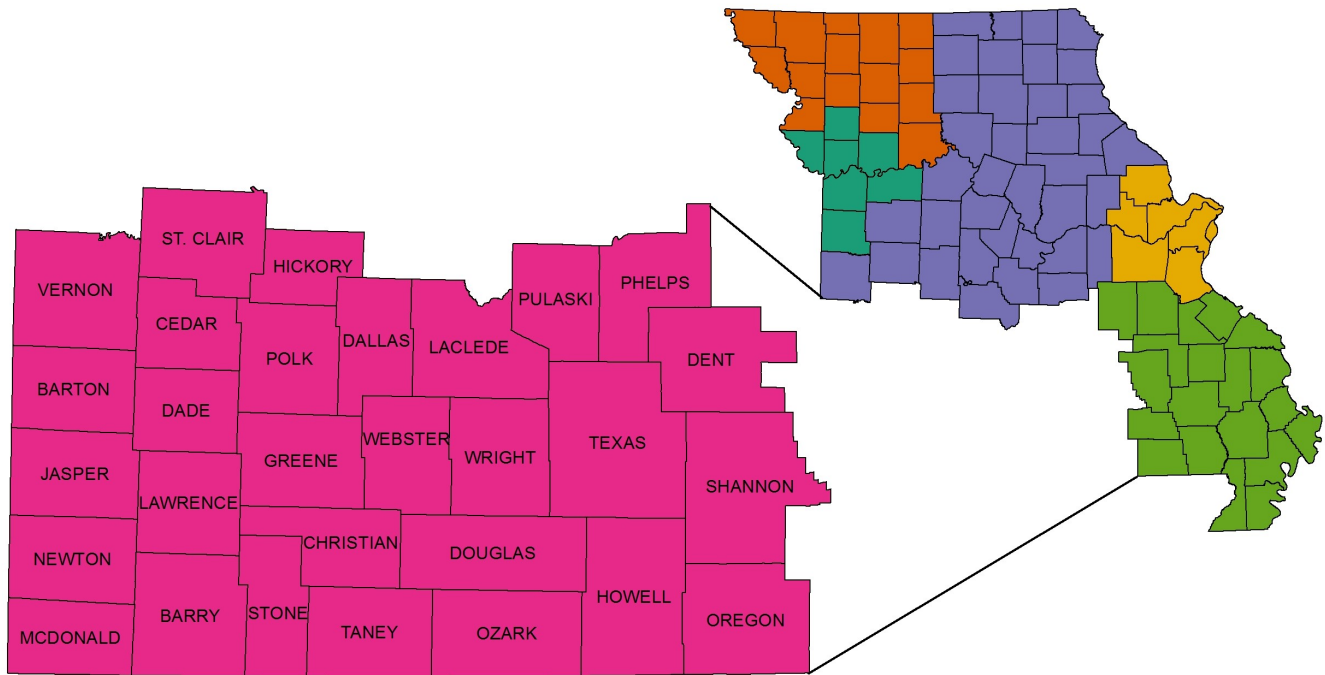


SOUTHWEST HIV CARE REGION



Population Counts, Southwest HIV Care Region, 2019

| County | White | | Black/African American | | Hispanic | | Asian/Pacific Islander | | American Indian/Alaskan Native | | Two or More Races/Other | | Total |
|---------------------|------------------|--------------|------------------------|-------------|---------------|-------------|------------------------|-------------|--------------------------------|-------------|-------------------------|-------------|------------------|
| Barry County | 30,470 | 84.9% | 163 | 0.5% | 3,585 | 10.0% | 756 | 2.1% | 343 | 1.0% | 569 | 1.6% | 35,886 |
| Barton County | 10,914 | 92.5% | 75 | 0.6% | 322 | 2.7% | 66 | 0.6% | 146 | 1.2% | 275 | 2.3% | 11,798 |
| Cedar County | 13,383 | 94.5% | 48 | 0.3% | 343 | 2.4% | 66 | 0.5% | 98 | 0.7% | 227 | 1.6% | 14,165 |
| Christian County | 80,954 | 93.1% | 665 | 0.8% | 2,627 | 3.0% | 662 | 0.8% | 536 | 0.6% | 1,539 | 1.8% | 86,983 |
| Dade County | 7,079 | 93.5% | 35 | 0.5% | 159 | 2.1% | 38 | 0.5% | 71 | 0.9% | 187 | 2.5% | 7,569 |
| Dallas County | 15,843 | 94.5% | 54 | 0.3% | 369 | 2.2% | 55 | 0.3% | 140 | 0.8% | 301 | 1.8% | 16,762 |
| Dent County | 14,533 | 94.1% | 88 | 0.6% | 274 | 1.8% | 129 | 0.8% | 163 | 1.1% | 254 | 1.6% | 15,441 |
| Douglas County | 12,664 | 94.7% | 52 | 0.4% | 237 | 1.8% | 44 | 0.3% | 104 | 0.8% | 272 | 2.0% | 13,373 |
| Greene County | 254,726 | 87.3% | 9,564 | 3.3% | 11,245 | 3.9% | 6,769 | 2.3% | 1,765 | 0.6% | 7,854 | 2.7% | 291,923 |
| Hickory County | 8,980 | 94.4% | 57 | 0.6% | 176 | 1.9% | 28 | 0.3% | 98 | 1.0% | 170 | 1.8% | 9,509 |
| Howell County | 37,694 | 94.1% | 206 | 0.5% | 893 | 2.2% | 309 | 0.8% | 257 | 0.6% | 717 | 1.8% | 40,076 |
| Jasper County | 101,103 | 83.8% | 2,465 | 2.0% | 9,974 | 8.3% | 1,801 | 1.5% | 1,774 | 1.5% | 3,519 | 2.9% | 120,636 |
| Laclede County | 33,347 | 93.4% | 310 | 0.9% | 894 | 2.5% | 251 | 0.7% | 242 | 0.7% | 669 | 1.9% | 35,713 |
| Lawrence County | 34,075 | 88.8% | 175 | 0.5% | 2,941 | 7.7% | 202 | 0.5% | 324 | 0.8% | 642 | 1.7% | 38,359 |
| McDonald County | 17,768 | 77.0% | 472 | 2.0% | 2,690 | 11.7% | 868 | 3.8% | 551 | 2.4% | 729 | 3.2% | 23,078 |
| Newton County | 49,919 | 85.7% | 535 | 0.9% | 3,265 | 5.6% | 1,383 | 2.4% | 1,337 | 2.3% | 1,827 | 3.1% | 58,266 |
| Oregon County | 9,904 | 94.0% | 44 | 0.4% | 187 | 1.8% | 40 | 0.4% | 142 | 1.3% | 224 | 2.1% | 10,541 |
| Ozark County | 8,584 | 95.2% | 18 | 0.2% | 156 | 1.7% | 17 | 0.2% | 80 | 0.9% | 162 | 1.8% | 9,017 |
| Phelps County | 39,641 | 88.6% | 948 | 2.1% | 1,172 | 2.6% | 1,745 | 3.9% | 288 | 0.6% | 938 | 2.1% | 44,732 |
| Polk County | 30,095 | 93.5% | 292 | 0.9% | 841 | 2.6% | 268 | 0.8% | 211 | 0.7% | 494 | 1.5% | 32,201 |
| Pulaski County | 36,013 | 69.2% | 5,795 | 11.1% | 5,879 | 11.3% | 1,836 | 3.5% | 446 | 0.9% | 2,045 | 3.9% | 52,014 |
| Shannon County | 7,663 | 93.6% | 34 | 0.4% | 171 | 2.1% | 29 | 0.4% | 98 | 1.2% | 194 | 2.4% | 8,189 |
| St. Clair County | 8,866 | 94.4% | 55 | 0.6% | 209 | 2.2% | 28 | 0.3% | 71 | 0.8% | 166 | 1.8% | 9,395 |
| Stone County | 30,060 | 94.7% | 114 | 0.4% | 765 | 2.4% | 131 | 0.4% | 240 | 0.8% | 439 | 1.4% | 31,749 |
| Taney County | 49,433 | 88.9% | 795 | 1.4% | 3,436 | 6.2% | 360 | 0.6% | 459 | 0.8% | 1,099 | 2.0% | 55,582 |
| Texas County | 23,283 | 91.1% | 940 | 3.7% | 542 | 2.1% | 99 | 0.4% | 211 | 0.8% | 496 | 1.9% | 25,571 |
| Vernon County | 19,250 | 93.8% | 196 | 1.0% | 441 | 2.1% | 139 | 0.7% | 140 | 0.7% | 362 | 1.8% | 20,528 |
| Webster County | 36,841 | 94.2% | 400 | 1.0% | 812 | 2.1% | 146 | 0.4% | 243 | 0.6% | 667 | 1.7% | 39,109 |
| Wright County | 17,462 | 95.0% | 99 | 0.5% | 364 | 2.0% | 82 | 0.4% | 114 | 0.6% | 257 | 1.4% | 18,378 |
| Region Total | 1,040,547 | 88.4% | 24,694 | 2.1% | 54,969 | 4.7% | 18,347 | 1.6% | 10,692 | 0.9% | 27,294 | 2.3% | 1,176,543 |

Figure 1. HIV disease cases (living and deceased), by current HIV vs. stage 3 (AIDS) status, Southwest HIV Care Region, 1982—2019

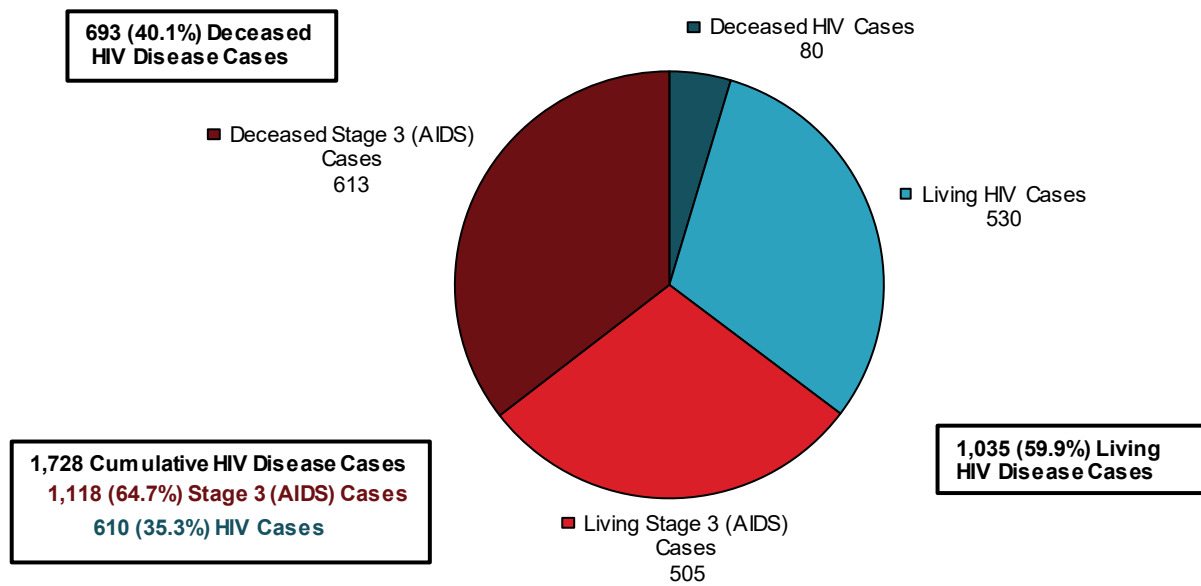
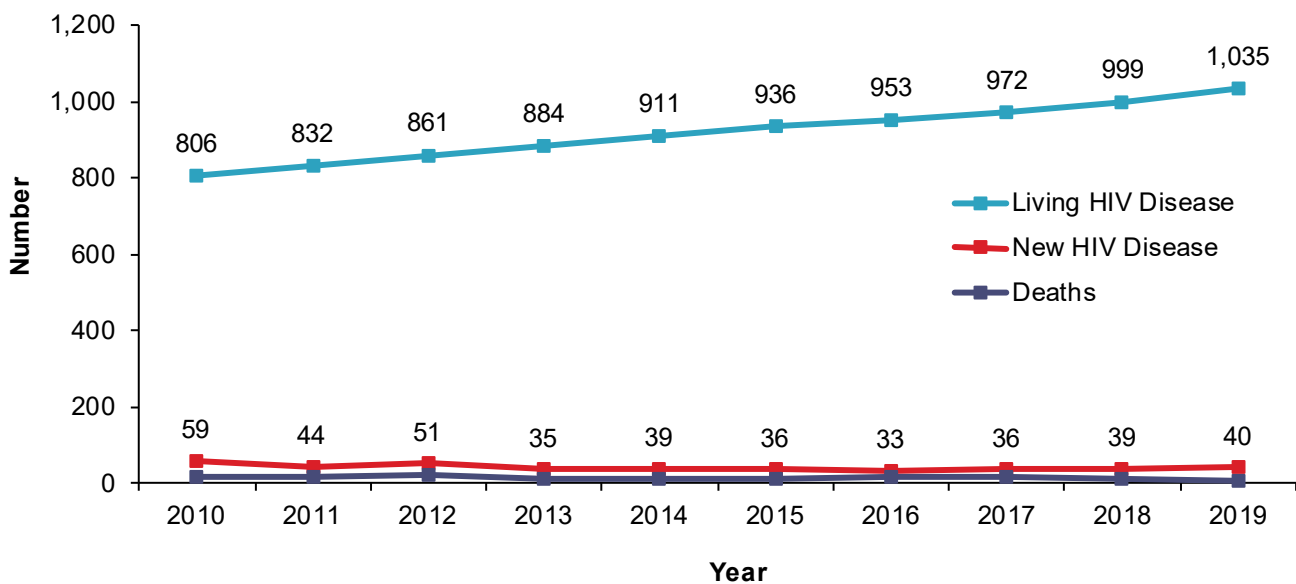


Figure 2. Living and new HIV disease cases and deaths by year*, Southwest HIV Care Region, 2010—2019

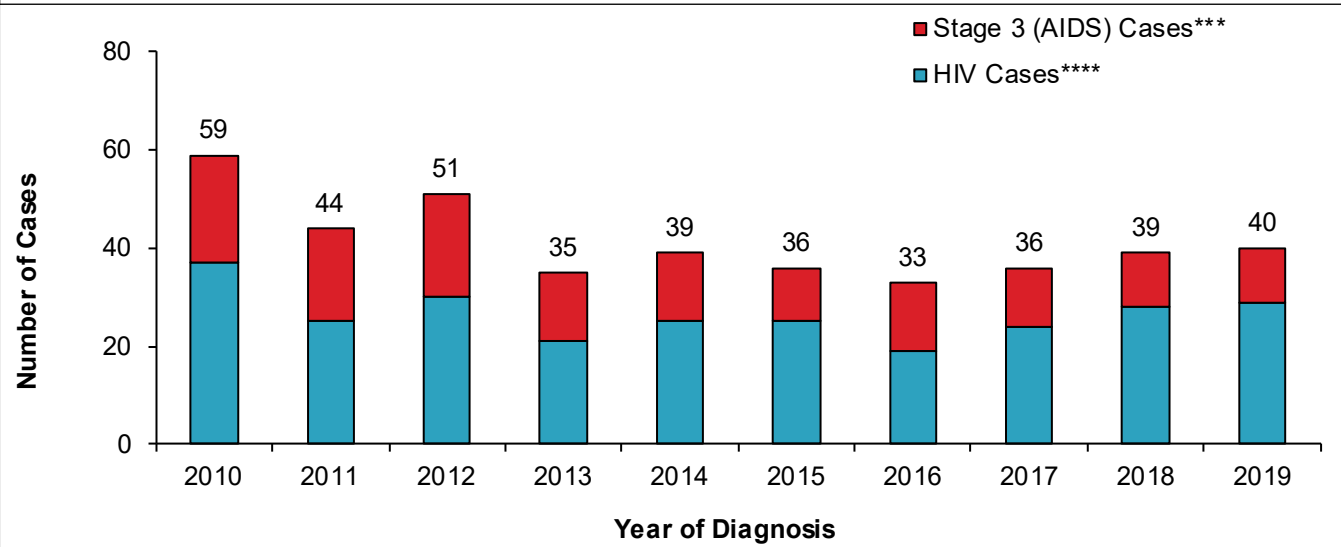


*For living HIV disease cases—the number of individuals living with HIV disease at the end of the year. For new HIV disease cases—the number of individuals newly diagnosed in the year. For HIV disease deaths—the number of individuals that died in the year.

From 1982 to 2019, there have been a total of 1,728 HIV disease cases diagnosed in the Southwest HIV Care Region and reported to MDHSS (Figure 1). Of the cumulative cases reported, 59.9% were still presumed to be living with HIV disease at the end of 2019. Among those living with HIV disease, 530 were classified as HIV cases and 505 were classified as stage 3 (AIDS) cases at the end of 2019.

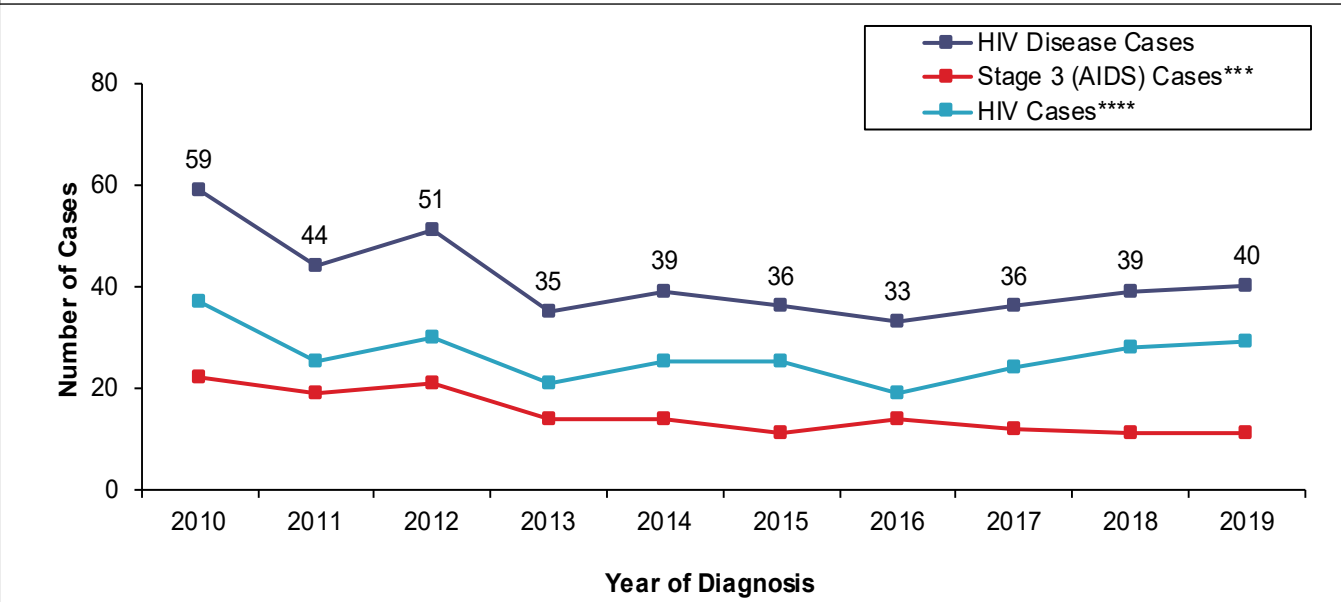
At the end of 2019, there were 1,035 persons living with HIV disease whose most recent diagnosis occurred in the Southwest HIV Care Region (Figure 2). The number of people living with HIV disease increased over time. There were 40 new HIV disease diagnoses in 2019. The number of deaths among persons with HIV disease remained generally stable.

Figure 3. HIV disease cases, by current status* and year of diagnosis, Southwest HIV Care Region, 2010—2019**



*HIV case vs. stage 3 (AIDS) case
 **Cases are indicated by year of initial diagnosis reported to MDHSS. (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, 2019.

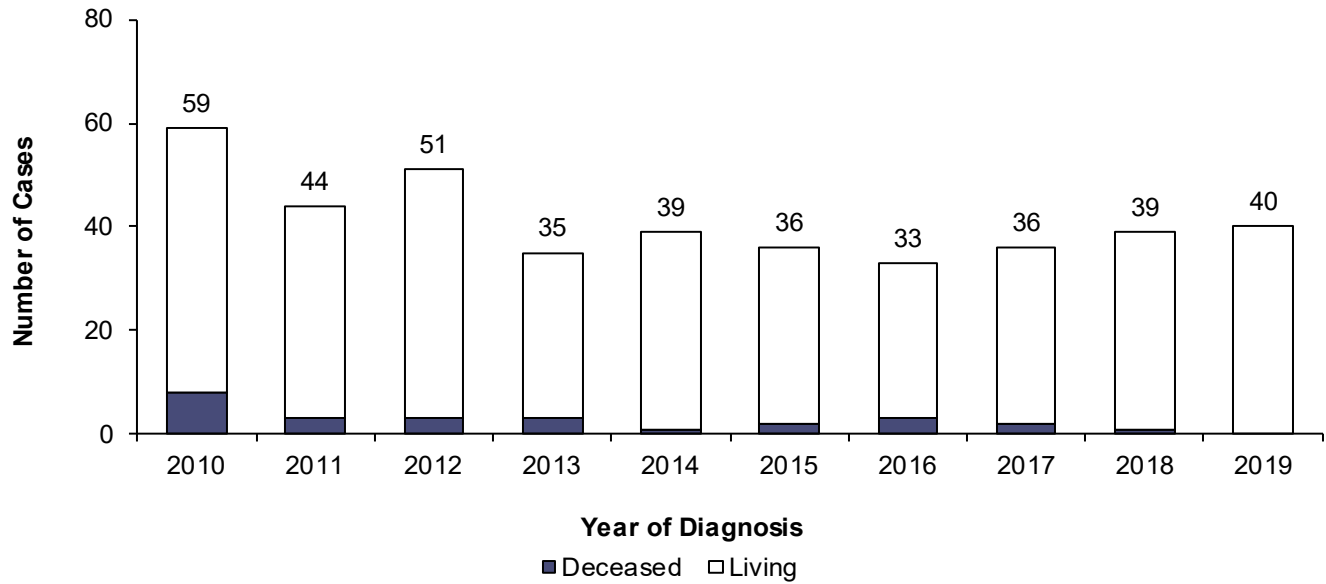
Figure 4. Reported HIV disease cases, by current status* and year of diagnosis, Southwest HIV Care Region, 2010—2019**



*HIV case vs. stage 3 (AIDS) case
 **Cases are indicated by year of initial diagnosis reported to MDHSS. (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, 2019.

The number of new diagnoses remained stable with slight fluctuations between 2013 and 2019 in the Southwest HIV Care Region (Figures 3 and 4). The number of new HIV disease cases decreased in 2011 and 2013. 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. Persons diagnosed with HIV disease by current vital status* and year of diagnosis, Southwest HIV Care Region, 2010—2019**



*Vital status on December 31, 2019.

**Cases are indicated by year of initial diagnosis reported to MDHSS. (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).

Of the 59 persons diagnosed with HIV disease in 2010, 8 (14%) were deceased by the end of 2019 (Figure 5). Among the 40 persons first diagnosed in 2019, no deaths have been reported to MDHSS at the end of 2019. 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, Southwest HIV Care Region, 2019

| | HIV* | | | Stage 3 (AIDS)** | | | HIV Disease*** | | |
|---------------------------------------|------------|---------------|--------------|------------------|---------------|--------------|----------------|---------------|--------------|
| | Cases | % | Rate**** | Cases | % | Rate**** | Cases | % | Rate**** |
| PREVALENCE | | | | | | | | | |
| Sex | | | | | | | | | |
| Male | 421 | 79.4% | 72.0 | 416 | 82.4% | 71.1 | 837 | 80.9% | 143.1 |
| Female | 109 | 20.6% | 18.4 | 89 | 17.6% | 15.0 | 198 | 19.1% | 33.4 |
| Total | 530 | 100.0% | 45.0 | 505 | 100.0% | 42.9 | 1,035 | 100.0% | 87.9 |
| Race/Ethnicity | | | | | | | | | |
| White | 407 | 76.8% | 389.3 | 399 | 79.0% | 381.6 | 806 | 77.9% | 770.9 |
| Black/African American | 71 | 13.4% | 287.5 | 57 | 11.3% | 230.8 | 128 | 12.4% | 518.3 |
| Hispanic | 29 | 5.5% | 52.8 | 32 | 6.3% | 58.2 | 61 | 5.9% | 111.0 |
| Asian/Pacific Islander | 7 | 1.3% | 37.6 | 7 | 1.4% | 37.6 | 14 | 1.4% | 75.2 |
| American Indian/Alaskan Native | 0 | 0.0% | 0.0 | 1 | 0.2% | 9.4 | 1 | 0.1% | 9.4 |
| Two or More Races/Unknown | 16 | 3.0% | -- | 9 | 1.8% | -- | 25 | 2.4% | -- |
| Total | 530 | 100.0% | 220.1 | 505 | 100.0% | 209.7 | 1,035 | 100.0% | 429.8 |
| Race/Ethnicity-Males | | | | | | | | | |
| White Male | 332 | 78.9% | 64.7 | 338 | 81.3% | 65.8 | 670 | 80.0% | 130.5 |
| Black/African American Male | 45 | 10.7% | 305.9 | 43 | 10.3% | 292.3 | 88 | 10.5% | 598.1 |
| Hispanic Male | 24 | 5.7% | 83.1 | 23 | 5.5% | 79.7 | 47 | 5.6% | 162.8 |
| Asian/Pacific Islander Male | 6 | 1.4% | 71.0 | 4 | 1.0% | 47.4 | 10 | 1.2% | 118.4 |
| American Indian/Alaskan Native Male | 0 | 0.0% | 0.0 | 1 | 0.2% | 18.5 | 1 | 0.1% | 18.5 |
| Two or More Races/Unknown Male | 14 | 3.3% | -- | 7 | 1.7% | -- | 21 | 2.5% | -- |
| Total | 421 | 100.0% | 72.0 | 416 | 100.0% | 71.1 | 837 | 100.0% | 143.1 |
| Race/Ethnicity-Females | | | | | | | | | |
| White Female | 75 | 90.4% | 14.2 | 61 | 68.5% | 11.6 | 136 | 79.1% | 25.8 |
| Black/African American Female | 5 | 6.0% | 50.1 | 14 | 15.7% | 140.3 | 19 | 11.0% | 190.4 |
| Hispanic Female | 1 | 1.2% | 3.8 | 9 | 10.1% | 34.5 | 10 | 5.8% | 38.3 |
| Asian/Pacific Islander Female | 0 | 0.0% | 0.0 | 3 | 3.4% | 29.5 | 3 | 1.7% | 29.5 |
| American Indian/Alaskan Native Female | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Two or More Races/Unknown Female | 2 | 2.4% | -- | 2 | 2.2% | -- | 4 | 2.3% | -- |
| Total | 83 | 100.0% | 14.0 | 89 | 100.0% | 15.0 | 172 | 100.0% | 29.0 |
| Current Age[‡] | | | | | | | | | |
| <2 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| 2-12 | 1 | 0.2% | 0.6 | 0 | 0.0% | 0.0 | 1 | 0.1% | 0.6 |
| 13-18 | 3 | 0.6% | 3.3 | 1 | 0.2% | 1.1 | 4 | 0.4% | 4.4 |
| 19-24 | 22 | 4.2% | 20.9 | 5 | 1.0% | 4.8 | 27 | 2.6% | 25.7 |
| 25-44 | 236 | 44.5% | 84.1 | 124 | 24.6% | 44.2 | 360 | 34.8% | 128.2 |
| 45-64 | 244 | 46.0% | 84.0 | 307 | 60.8% | 105.7 | 551 | 53.2% | 189.8 |
| 65+ | 24 | 4.5% | 11.3 | 68 | 13.5% | 32.0 | 92 | 8.9% | 43.4 |
| Total | 530 | 100.0% | 45.3 | 505 | 100.0% | 43.2 | 1,035 | 100.0% | 88.5 |

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

*Cases which remained HIV cases at the end of 2019.

**Cases classified as stage 3 (AIDS) by December 31, 2019.

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

****Per 100,000 population based on 2018 MDHSS estimates.

[‡]Based on age as of December 31, 2019.

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, Southwest HIV Care Region, 2019

| | HIV* | | | Stage 3 (AIDS)** | | | HIV Disease*** | | |
|---------------------------------------|-----------|---------------|-------------|------------------|---------------|------------|----------------|---------------|-------------|
| | Cases | % | Rate**** | Cases | % | Rate**** | Cases | % | Rate**** |
| Sex | | | | | | | | | |
| Male | 22 | 75.9% | 3.8 | 8 | 72.7% | 1.4 | 30 | 75.0% | 5.1 |
| Female | 7 | 24.1% | 1.2 | 3 | 27.3% | 0.5 | 10 | 25.0% | 1.7 |
| Total | 29 | 100.0% | 2.5 | 11 | 100.0% | 0.9 | 40 | 100.0% | 3.4 |
| Race/Ethnicity | | | | | | | | | |
| White | 19 | 65.5% | 18.2 | 10 | 90.9% | 9.6 | 29 | 72.5% | 27.7 |
| Black/African American | 5 | 17.2% | 20.2 | 1 | 9.1% | 4.0 | 6 | 15.0% | 24.3 |
| Hispanic | 3 | 10.3% | 5.5 | 0 | 0.0% | 0.0 | 3 | 7.5% | 5.5 |
| Asian/Pacific Islander | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| American Indian/Alaskan Native | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Two or More Races/Unknown | 2 | 6.9% | -- | 0 | 0.0% | -- | 2 | 5.0% | -- |
| Total | 29 | 100.0% | 12.0 | 11 | 100.0% | 4.6 | 40 | 100.0% | 16.6 |
| Race/Ethnicity-Males | | | | | | | | | |
| White Male | 16 | 72.7% | 3.1 | 8 | 100.0% | 1.6 | 24 | 80.0% | 4.7 |
| Black/African American Male | 2 | 9.1% | 13.6 | 0 | 0.0% | 0.0 | 2 | 6.7% | 13.6 |
| Hispanic Male | 2 | 9.1% | 6.9 | 0 | 0.0% | 0.0 | 2 | 6.7% | 6.9 |
| Asian/Pacific Islander Male | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| American Indian/Alaskan Native Male | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Two or More Races/Unknown Male | 2 | 9.1% | -- | 0 | 0.0% | -- | 2 | 6.7% | -- |
| Total | 22 | 100.0% | 3.8 | 8 | 100.0% | 1.4 | 30 | 100.0% | 5.1 |
| Race/Ethnicity-Females | | | | | | | | | |
| White Female | 3 | 42.9% | 0.6 | 2 | 66.7% | 0.4 | 5 | 50.0% | 0.9 |
| Black/African American Female | 3 | 42.9% | 30.1 | 1 | 33.3% | 10.0 | 4 | 40.0% | 40.1 |
| Hispanic Female | 1 | 14.3% | 3.8 | 0 | 0.0% | 0.0 | 1 | 10.0% | 3.8 |
| Asian/Pacific Islander Female | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| American Indian/Alaskan Native Female | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Two or More Races/Unknown Female | 0 | 0.0% | -- | 0 | 0.0% | -- | 0 | 0.0% | -- |
| Total | 7 | 100.0% | 1.2 | 3 | 100.0% | 0.5 | 10 | 100.0% | 1.7 |
| Current Age[‡] | | | | | | | | | |
| <2 | 0 | 0.0% | 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% | 0.0 |
| 13-18 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| 19-24 | 3 | 10.3% | 2.9 | 2 | 18.2% | 1.9 | 5 | 12.5% | 4.8 |
| 25-44 | 20 | 69.0% | 7.1 | 6 | 54.5% | 2.1 | 26 | 65.0% | 9.3 |
| 45-64 | 5 | 17.2% | 1.7 | 3 | 27.3% | 1.0 | 8 | 20.0% | 2.8 |
| 65+ | 1 | 3.4% | 0.5 | 0 | 0.0% | 0.0 | 1 | 2.5% | 0.5 |
| Total | 29 | 100.0% | 2.5 | 11 | 100.0% | 0.9 | 40 | 100.0% | 3.4 |

*HIV cases diagnosed during 2019 which remained HIV cases at the end of the year.

**Stage 3 (AIDS) cases initially diagnosed in 2019.

***The sum of newly diagnosed HIV cases and newly diagnosed stage 3 (AIDS) cases. Does not include cases diagnosed prior to 2019 with HIV, which progressed to stage 3 (AIDS) in 2019.

****Per 100,000 population based on 2018 MDHSS estimates.

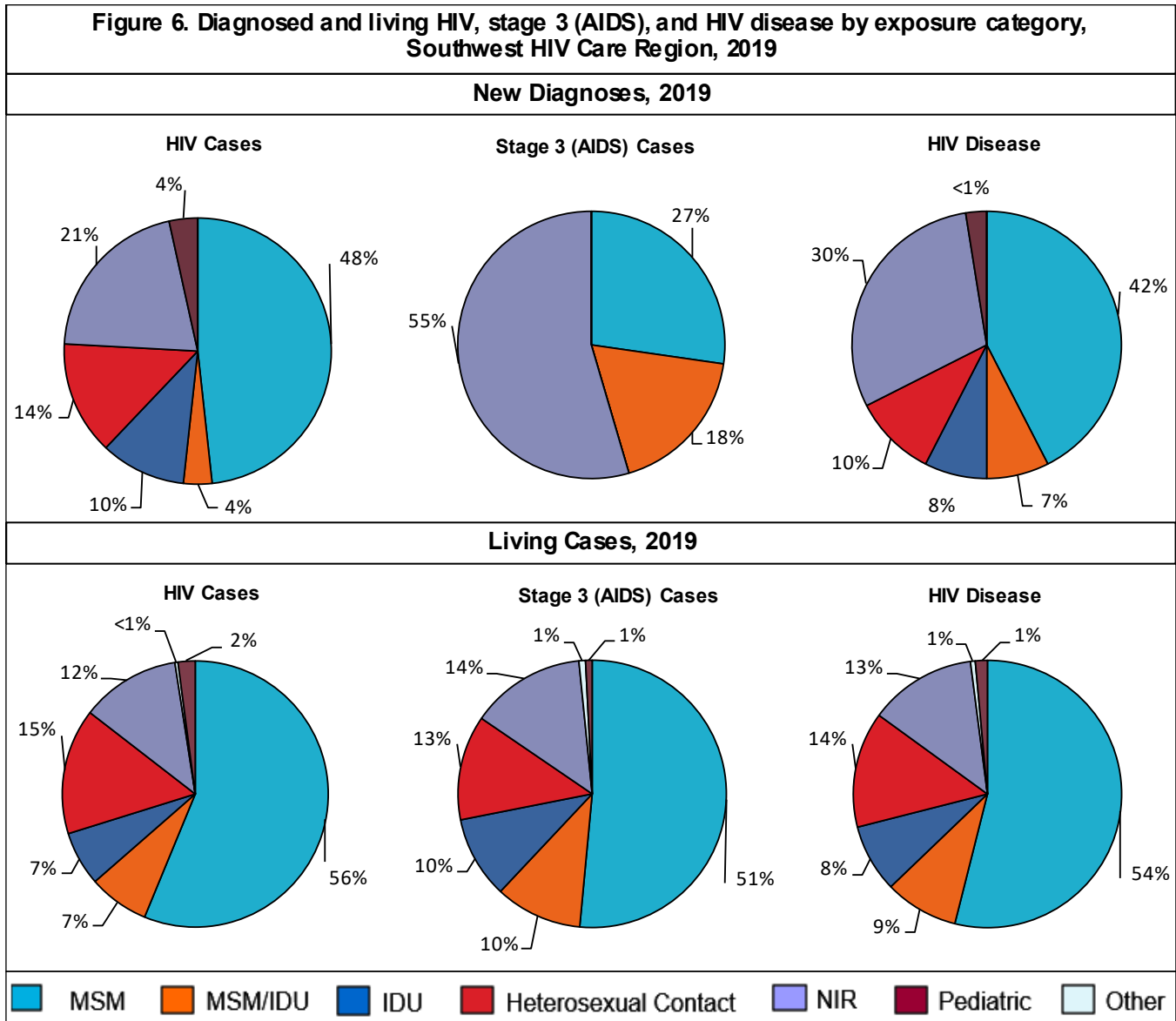
‡Based on age as of December 31, 2019.

Note: Percentages may not total due to rounding.

Epi Profiles Summary: Southwest HIV Care Region

Of the 1,035 persons living with HIV disease at the end of 2019, 80.9% were males (Table 1). The rate of those living with HIV disease among males was 4.3 times as high as the rate among females. Although whites represented the largest proportion of persons living with HIV disease (77.9%), the rate of those living with HIV disease among blacks/African Americans was 0.7 times as high as the rate among whites. The rate among Hispanics was 0.1 times as high as the rate among whites. Among males, the rate of persons living with HIV disease among blacks/African Americans was 4.6 times as high as the rate for whites, and the rate among Hispanics was 1.2 times as high as the rate for whites. Among females, the rate of those living with HIV disease among blacks/African Americans was 7.4 as high as the rate among whites, and the rate among Hispanics was 1.5 times as high as the rate among whites. The difference in the rates between Hispanic and white females should be interpreted with some caution due to the small number of Hispanic females living with HIV disease.

Of the 40 persons newly diagnosed with HIV disease in 2019, 27.5% were classified as stage 3 (AIDS) cases by the end of 2019 (Table 2). Whites represented the majority of new HIV disease diagnoses (65.5%) and stage 3 (AIDS) cases (90.9%).



Among all known exposure categories, the largest proportion of cases was attributed to MSM (Figure 6). The large 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, Southwest HIV Care Region, 2019

| Geographic Area | HIV cases | | | | | | Stage 3 (AIDS) cases | | | | | |
|--|-----------------|---------------|------------|------------|---------------|-------------|----------------------|---------------|------------|------------|---------------|-------------|
| | Diagnosed 2019* | | | Living | | | Diagnosed 2019** | | | Living | | |
| | Cases | % | Rate*** | Cases | % | Rate*** | Cases | % | Rate*** | Cases | % | Rate*** |
| Greene County | 14 | 48.3% | 4.8 | 242 | 45.7% | 82.9 | 4 | 36.4% | 1.4 | 205 | 40.6% | 70.2 |
| Jasper County | 7 | 24.1% | 55.4 | 79 | 14.9% | 625.2 | 2 | 18.2% | 15.8 | 78 | 15.4% | 617.3 |
| Pulaski County | 0 | 0.0% | 0.0 | 34 | 6.4% | 65.4 | 1 | 9.1% | 1.9 | 21 | 4.2% | 40.4 |
| Christian County | 1 | 3.4% | 1.1 | 27 | 5.1% | 31.0 | 1 | 9.1% | 1.1 | 19 | 3.8% | 21.8 |
| Taney County | 0 | 0.0% | 0.0 | 23 | 4.3% | 41.2 | 1 | 9.1% | 1.8 | 22 | 4.4% | 39.4 |
| Remainder of Region | 7 | 24.1% | 1.2 | 125 | 23.6% | 22.0 | 2 | 18.2% | 0.4 | 160 | 31.7% | 28.1 |
| SOUTHWEST HIV CARE REGION TOTAL | 29 | 100.0% | 2.5 | 530 | 100.0% | 45.0 | 11 | 100.0% | 0.9 | 505 | 100.0% | 42.9 |

*HIV cases diagnosed and reported to the Department during 2019 which remained HIV cases at the end of the year.

**Does not include HIV cases diagnosed prior to 2019 that progressed to stage 3 (AIDS) in 2019.

***Per 100,000 population based on 2018 MDHSS estimates.

Note: Percentages may not total due to rounding.

The largest numbers of new HIV cases (14) were diagnosed in Greene Counties (Table 3). The highest rates of persons living with HIV and stage 3 (AIDS) were observed among persons diagnosed in Greene County.

Table 4. Newly diagnosed and living HIV and stage 3 (AIDS) cases in men who have sex with men, by selected race/ethnicity, Southwest HIV Care Region, 2019

| Race/Ethnicity | HIV Cases* | | | | Stage 3 (AIDS) Cases | | | |
|--|-----------------|---------------|------------|---------------|----------------------|---------------|------------|---------------|
| | Newly Diagnosed | | Living | | Newly Diagnosed** | | Living | |
| | Cases | % | Cases | % | Cases | % | Cases | % |
| White | 10 | 71.4% | 241 | 80.9% | 3 | 100.0% | 220 | 84.6% |
| Black/African American | 1 | 7.1% | 23 | 7.7% | 0 | 0.0% | 21 | 8.1% |
| Hispanic | 2 | 14.3% | 20 | 6.7% | 0 | 0.0% | 11 | 4.2% |
| Other/Unknown | 1 | 7.1% | 14 | 4.7% | 0 | 0.0% | 8 | 3.1% |
| SOUTHWEST HIV CARE REGION TOTAL | 14 | 100.0% | 298 | 100.0% | 3 | 100.0% | 260 | 100.0% |

*Remained HIV cases at the end of the year.

**Does not include HIV cases diagnosed prior to 2019 that progressed to stage 3 (AIDS) in 2019.

Note: Percentages may not total due to rounding.

Table 5. Living HIV disease cases in men who have sex with men, by selected race/ethnicity, by current age group, Southwest HIV Care Region, 2019

| 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 | 6 | 1.3% | 1 | 2.3% | 1 | 3.2% | 12 | 2.2% |
| 25-44 | 153 | 33.2% | 24 | 54.5% | 18 | 58.1% | 208 | 37.3% |
| 45-64 | 256 | 55.5% | 17 | 38.6% | 8 | 25.8% | 285 | 51.1% |
| 65+ | 46 | 10.0% | 2 | 4.5% | 4 | 12.9% | 53 | 9.5% |
| SOUTHWEST HIV CARE REGION TOTAL | 461 | 100.0% | 44 | 100.0% | 31 | 100.0% | 558 | 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 6. Living HIV disease cases in men who have sex with men, by selected race/ethnicity, by geographic area, Southwest HIV Care Region, 2019

| Geographic Area | White | | Black/African American | | Hispanic | | Total* | |
|--|------------|--------------|------------------------|--------------|-----------|-------------|------------|---------------|
| | Cases | %** | Cases | %** | Cases | %** | Cases | %*** |
| Greene County | 230 | 83.6% | 22 | 8.0% | 13 | 4.7% | 275 | 49.3% |
| Jasper County | 66 | 81.5% | 66 | 81.5% | 5 | 6.2% | 81 | 14.5% |
| Taney County | 19 | 90.5% | 1 | 4.8% | 1 | 4.8% | 21 | 3.8% |
| Remaining Counties | 146 | 80.7% | 14 | 7.7% | 12 | 6.6% | 181 | 32.4% |
| SOUTHWEST HIV CARE REGION TOTAL | 461 | 82.6% | 103 | 18.5% | 31 | 5.6% | 558 | 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 14 new HIV disease diagnoses attributed to MSM in 2019 for the Southwest HIV Care Region (Table 4). Whites represented the greatest proportion of new HIV and stage 3 (AIDS) case diagnoses. There were 298 living HIV disease cases attributed to MSM in the Southwest HIV Care Region. Whites represented the greatest proportion of living HIV and stage 3 (AIDS) cases.

The greatest proportion of living cases attributed to MSM was between 45-64 years old (51.1%) at the end of 2019 (Table 5). The greatest proportion of blacks/African Americans (54.5%) and Hispanics (58.1%) were between 25-44 years of age. The greatest proportion of whites were between the ages of 45-64 years of age.

Greene County residents accounted for the largest number of MSM living with HIV in the Southwest HIV Care Region (Table 6). Whites accounted for the largest number of MSM living with HIV in Greene County.

Table 7. Newly diagnosed and living HIV and stage 3 (AIDS) cases in men who have sex with men and inject drugs, by selected race/ethnicity, Southwest HIV Care Region, 2019

| Race/Ethnicity | HIV Cases* | | | | Stage 3 (AIDS) Cases | | | |
|--|-----------------|---------------|-----------|---------------|----------------------|---------------|-----------|---------------|
| | Newly Diagnosed | | Living | | Newly Diagnosed** | | Living | |
| | Cases | % | Cases | % | Cases | % | Cases | % |
| White | 1 | 100.0% | 37 | 94.9% | 2 | 100.0% | 47 | 88.7% |
| Black/African American | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 3 | 5.7% |
| Hispanic | 0 | 0.0% | 1 | 2.6% | 0 | 0.0% | 2 | 3.8% |
| Other/Unknown | 0 | 0.0% | 1 | 2.6% | 0 | 0.0% | 1 | 1.9% |
| SOUTHWEST HIV CARE REGION TOTAL | 1 | 100.0% | 39 | 100.0% | 2 | 100.0% | 53 | 100.0% |

*Remained HIV cases at the end of the year.
**Does not include HIV cases diagnosed prior to 2019 that progressed to stage 3 (AIDS) in 2019.
Note: Percentages may not total due to rounding.

Table 8. Living HIV disease cases in men who have sex with men and inject drugs, by selected race/ethnicity, by current age group, Southwest HIV Care Region, 2019

| 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 | 1 | 1.2% | 0 | 0.0% | 0 | 0.0% | 1 | 1.1% |
| 25-44 | 30 | 35.7% | 0 | 0.0% | 3 | 100.0% | 34 | 37.0% |
| 45-64 | 46 | 54.8% | 3 | 100.0% | 0 | 0.0% | 50 | 54.3% |
| 65+ | 7 | 8.3% | 0 | 0.0% | 0 | 0.0% | 7 | 7.6% |
| SOUTHWEST HIV CARE REGION TOTAL | 84 | 100.0% | 3 | 100.0% | 3 | 100.0% | 92 | 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 9. Living HIV disease cases in men who have sex with men and inject drugs, by geographic area, Southwest HIV Care Region, 2019

| Geographic Area | Total | |
|--|-----------|---------------|
| | Cases | % |
| Greene County | 43 | 46.7% |
| Jasper County | 13 | 14.1% |
| Taney County | 7 | 7.6% |
| Remaining Counties | 29 | 31.5% |
| SOUTHWEST HIV CARE REGION TOTAL | 92 | 100.0% |

There was one new HIV disease diagnoses attributed to MSM/IDU in 2019 for the Southwest HIV Care Region (Table 7). There were 39 MSM/IDU living with HIV disease at the end of 2019 whose most recent diagnosis occurred in the Southwest HIV Care Region. Whites comprised a greater proportion of those living with HIV (94.9%) compared to the proportion of those living with stage 3 (AIDS) (88.7%).

The distribution of living HIV disease cases by current age varied by race/ethnicity among MSM/IDU (Table 8). Among whites and black/African Americans, the largest number of living cases was 45-64 years of age at the end of 2014. Among Hispanics, all living cases were 25-44 years of age.

Greene County residents accounted for the largest number (43) of MSM/IDU living with HIV in the Southwest HIV Care Region (Table 9).

Table 10. Newly diagnosed and living HIV and stage 3 (AIDS) cases in injecting drug users, by selected race/ethnicity and sex, Southwest HIV Care Region, 2019

| Race/Ethnicity and Sex | HIV Cases* | | | | Stage 3 (AIDS) Cases | | | |
|--|-----------------|---------------|-----------|---------------|----------------------|-----------|-----------|---------------|
| | Newly Diagnosed | | Living | | Newly Diagnosed** | | Living | |
| | Cases | % | Cases | % | Cases | % | Cases | % |
| White Male | 2 | 66.7% | 19 | 54.3% | 0 | -- | 22 | 44.0% |
| Black/African American Male | 0 | 0.0% | 2 | 5.7% | 0 | -- | 4 | 8.0% |
| Hispanic Male | 0 | 0.0% | 0 | 0.0% | 0 | -- | 2 | 4.0% |
| White Female | 1 | 33.3% | 12 | 34.3% | 0 | -- | 17 | 34.0% |
| Black/African American Female | 0 | 0.0% | 2 | 5.7% | 0 | -- | 2 | 4.0% |
| Hispanic Female | 0 | 0.0% | 0 | 0.0% | 0 | -- | 3 | 6.0% |
| SOUTHWEST HIV CARE REGION TOTAL † | 3 | 100.0% | 35 | 100.0% | 0 | -- | 50 | 100.0% |

*Remained HIV cases at the end of the year.

**Does not include HIV cases diagnosed prior to 2019 that progressed to stage 3 (AIDS) in 2019.

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

Note: Percentages may not total due to rounding.

Table 11. Living HIV disease cases in injecting drug users, by selected race/ethnicity, by current age group, Southwest HIV Care Region, 2019

| 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 |
| 19-24 | 0 | 0.0% | 0 | 0.0% | 1 | 3.4% | 0 | 0.0% | 1 | 1.2% |
| 25-44 | 12 | 29.3% | 1 | 16.7% | 9 | 31.0% | 1 | 25.0% | 25 | 29.4% |
| 45-64 | 26 | 63.4% | 4 | 66.7% | 19 | 65.5% | 3 | 75.0% | 55 | 64.7% |
| 65+ | 3 | 7.3% | 1 | 16.7% | 0 | 0.0% | 0 | 0.0% | 4 | 4.7% |
| SOUTHWEST HIV CARE REGION TOTAL | 41 | 100.0% | 6 | 100.0% | 29 | 100.0% | 4 | 100.0% | 85 | 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 12. Living HIV disease cases in injecting drug users, by geographic area, Southwest HIV Care Region, 2019

| Geographic Area | Total | |
|--|-----------|---------------|
| | Cases | % |
| Greene County | 30 | 35.3% |
| Jasper County | 13 | 15.3% |
| Remaining Counties | 42 | 49.4% |
| SOUTHWEST HIV CARE REGION TOTAL | 85 | 100.0% |

There were three new HIV disease diagnoses attributed to IDU in 2019 for the Southwest HIV Care Region (Table 10). There were 35 living HIV disease cases attributed to IDU at the end of 2019 in the Southwest HIV Care Region. Of the living HIV disease cases, none were classified as stage 3 (AIDS) at the end of 2019. White males represented the largest proportion of living HIV cases (54.3%) and the largest proportion of stage 3 (AIDS) cases (44%).

Overall, persons 45-64 years of age represented the largest number (55) of living HIV disease cases among IDU in the Southwest HIV Care Region (Table 11).

Greene County had the largest number of living HIV disease cases attributed to IDU in 2019 (Table 12).

Table 13. Newly diagnosed and living HIV and stage 3 (AIDS) cases in heterosexual contacts, by selected race/ethnicity and sex, Southwest HIV Care Region, 2019

| Race/Ethnicity and Sex | HIV Cases* | | | | Stage 3 (AIDS) Cases | | | |
|---|-----------------|---------------|-----------|---------------|----------------------|-----------|-----------|---------------|
| | Newly Diagnosed | | Living | | Newly Diagnosed** | | Living | |
| | Cases | % | Cases | % | Cases | % | Cases | % |
| White Male | 1 | 25.0% | 8 | 9.9% | 0 | -- | 11 | 17.2% |
| Black/African American Male | 0 | 0.0% | 6 | 7.4% | 0 | -- | 6 | 9.4% |
| Hispanic Male | 0 | 0.0% | 1 | 1.2% | 0 | -- | 1 | 1.6% |
| White Female | 2 | 50.0% | 48 | 59.3% | 0 | -- | 29 | 45.3% |
| Black/African American Female | 1 | 25.0% | 14 | 17.3% | 0 | -- | 7 | 10.9% |
| Hispanic Female | 0 | 0.0% | 2 | 2.5% | 0 | -- | 4 | 6.3% |
| SOUTHWEST HIV CARE REGION TOTAL† | 4 | 100.0% | 81 | 100.0% | 0 | -- | 64 | 100.0% |

*Remained HIV cases at the end of the year.

**Does not include HIV cases diagnosed prior to 2019 that progressed to stage 3 (AIDS) in 2019.

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

Note: Percentages may not total due to rounding.

Table 14. Living HIV disease cases in heterosexual contacts, by selected race/ethnicity and sex, by current age group, Southwest HIV Care Region, 2019

| 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 |
| 19-24 | 0 | 0.0% | 0 | 0.0% | 2 | 2.6% | 0 | 0.0% | 2 | 1.4% |
| 25-44 | 2 | 10.5% | 1 | 8.3% | 22 | 28.6% | 6 | 28.6% | 39 | 26.9% |
| 45-64 | 12 | 63.2% | 9 | 75.0% | 49 | 63.6% | 14 | 66.7% | 92 | 63.4% |
| 65+ | 5 | 26.3% | 2 | 16.7% | 4 | 5.2% | 1 | 4.8% | 12 | 8.3% |
| SOUTHWEST HIV CARE REGION TOTAL | 19 | 100.0% | 12 | 100.0% | 77 | 100.0% | 21 | 100.0% | 145 | 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 15. Living HIV disease cases in heterosexual contacts, by selected race/ethnicity, by geographic area, Southwest HIV Care Region, 2019

| Geographic Area | White | | Black/African American | | Hispanic | | Total* | |
|--|-----------|--------------|------------------------|--------------|----------|-------------|------------|---------------|
| | Cases | %** | Cases | %** | Cases | %** | Cases | %*** |
| Greene County | 24 | 53.3% | 20 | 44.4% | 0 | 0.0% | 45 | 31.0% |
| Jasper County | 16 | 69.6% | 3 | 13.0% | 4 | 17.4% | 23 | 15.9% |
| Pulaski County | 2 | 20.0% | 7 | 70.0% | 0 | 0.0% | 10 | 6.9% |
| Remaining Counties | 54 | 80.6% | 3 | 4.5% | 4 | 6.0% | 67 | 46.2% |
| SOUTHWEST HIV CARE REGION TOTAL | 96 | 66.2% | 33 | 22.8% | 8 | 5.5% | 145 | 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 four new HIV disease diagnoses attributed to heterosexual contact in 2019 for the Southwest HIV Care Region (Table 13). There were 81 living HIV disease cases attributed to heterosexual contact at the end of 2019 in the Southwest HIV Care Region. White females represented the largest proportion of both living HIV (59.3%) and stage 3 (AIDS) (45.3%) cases.

At the end of 2019, the largest proportions of heterosexual contact cases living with HIV disease were between 45-64 years of age for all races and genders (Table 14).

There were differences in the distribution of living cases by race/ethnicity among the geographic areas for heterosexual contact cases (Table 15). In Pulaski County and Greene County, whites comprised a larger proportion of heterosexual contact cases living with HIV.

Figure 7. Reported P&S syphilis cases, by race and sex, by age group at diagnosis, Southwest HIV Care Region, 2019

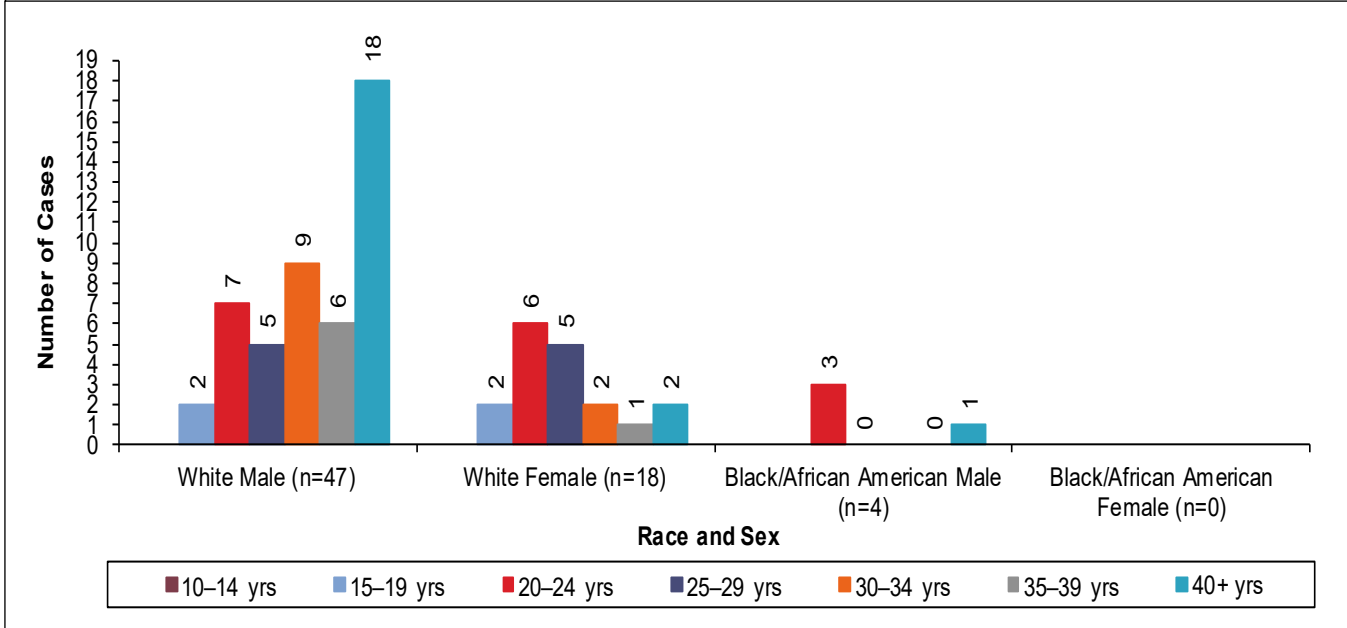
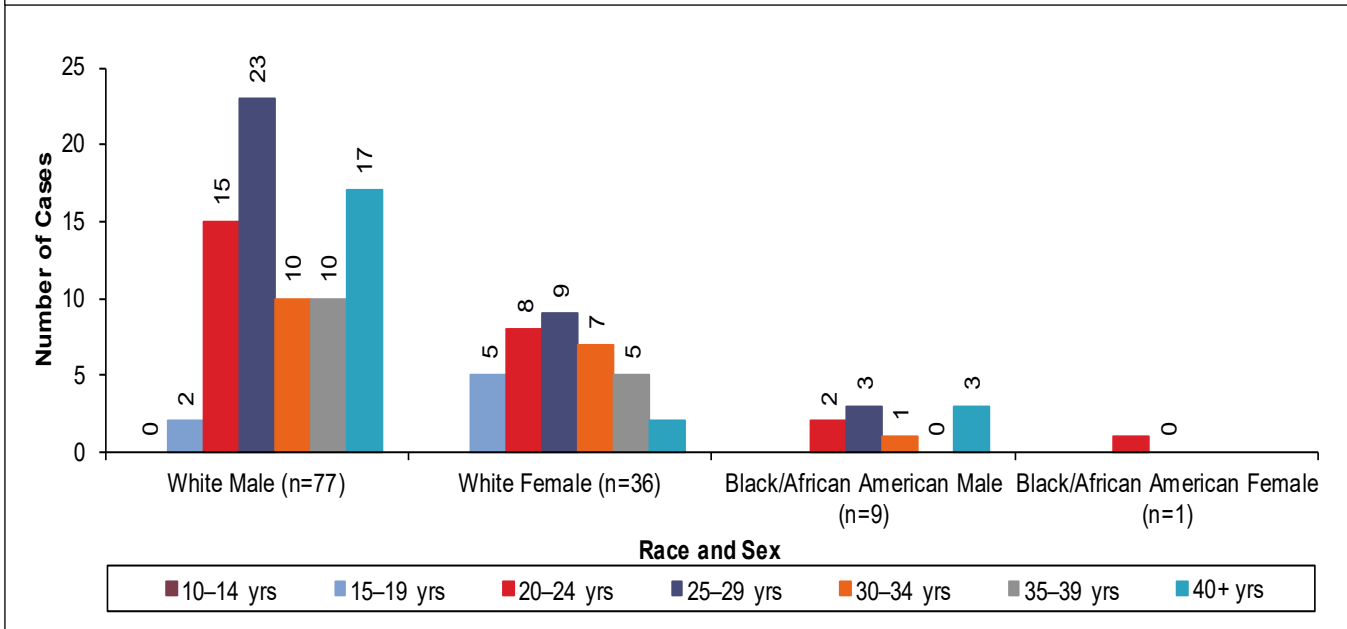


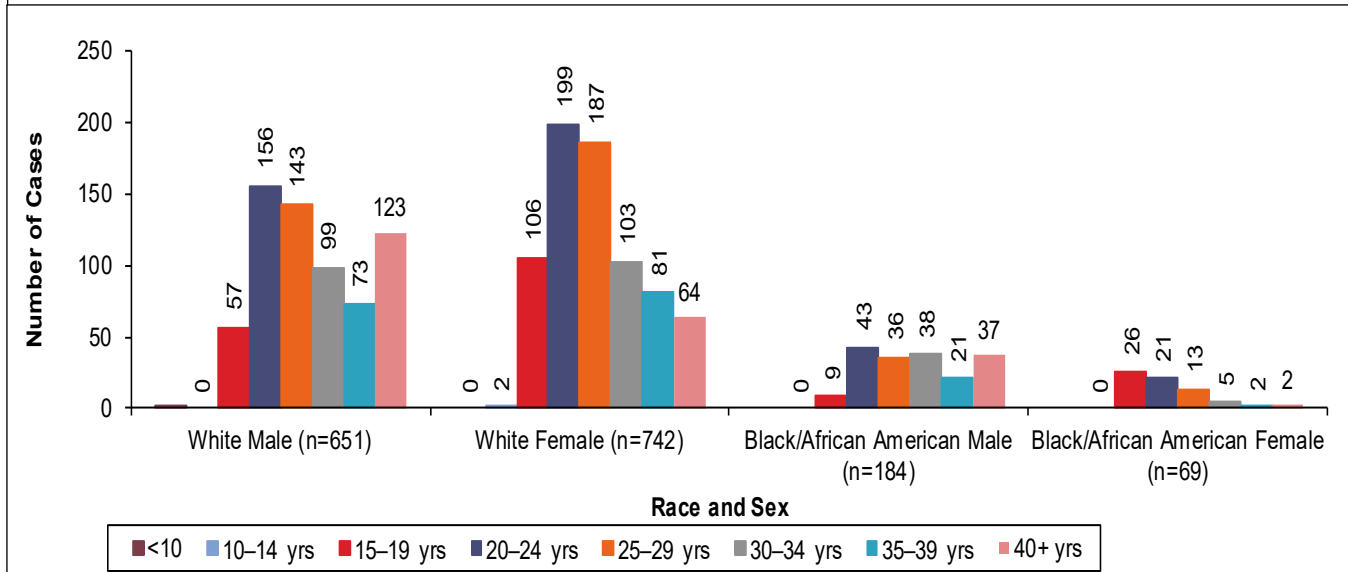
Figure 8. Reported early latent syphilis cases, by race and sex, by age group at diagnosis, Southwest HIV Care Region, 2019



In the Southwest HIV Care Region, there were 69 P&S syphilis cases reported (Figure 7). The largest proportion of P&S syphilis cases were reported in white males (47) followed by white females (18). There were no cases in black/African American females.

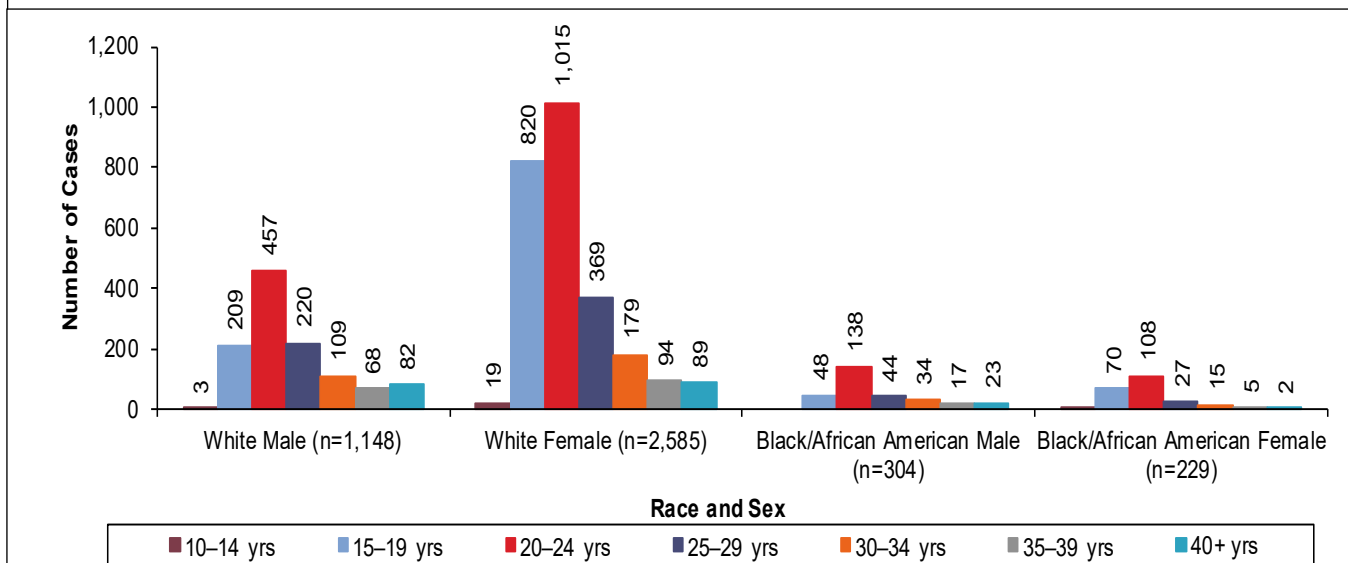
There were 123 early latent syphilis cases reported (Figure 8). The largest proportion of early latent syphilis cases were reported in white males (77). There was only one case reported among black/African American females.

Figure 9. Reported gonorrhea cases, by race and sex, by age group at diagnosis, Southwest HIV Care Region, 2019



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

Figure 10. Reported chlamydia cases, by race and sex, by age group at diagnosis, Southwest HIV Care Region, 2019

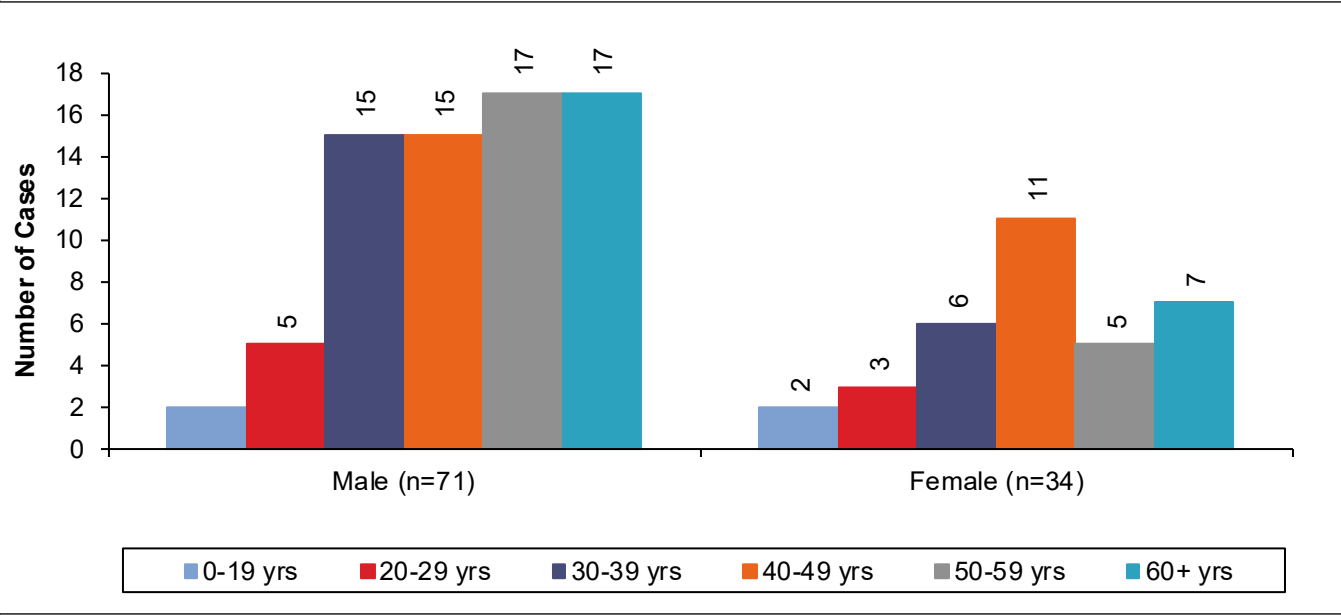


Note: Totals include persons diagnosed at <10 years of age or whose age at diagnosis is unknown.

There were 1,646 gonorrhea cases reported in the Southwest HIV Region Care Region (Figure 9). The largest totals of gonorrhea cases were reported among white females (742) and white males (651). Persons 20-24 years of age represented the largest number of reported cases among all other race/ethnicity and sex categories presented, except for black/African American females.

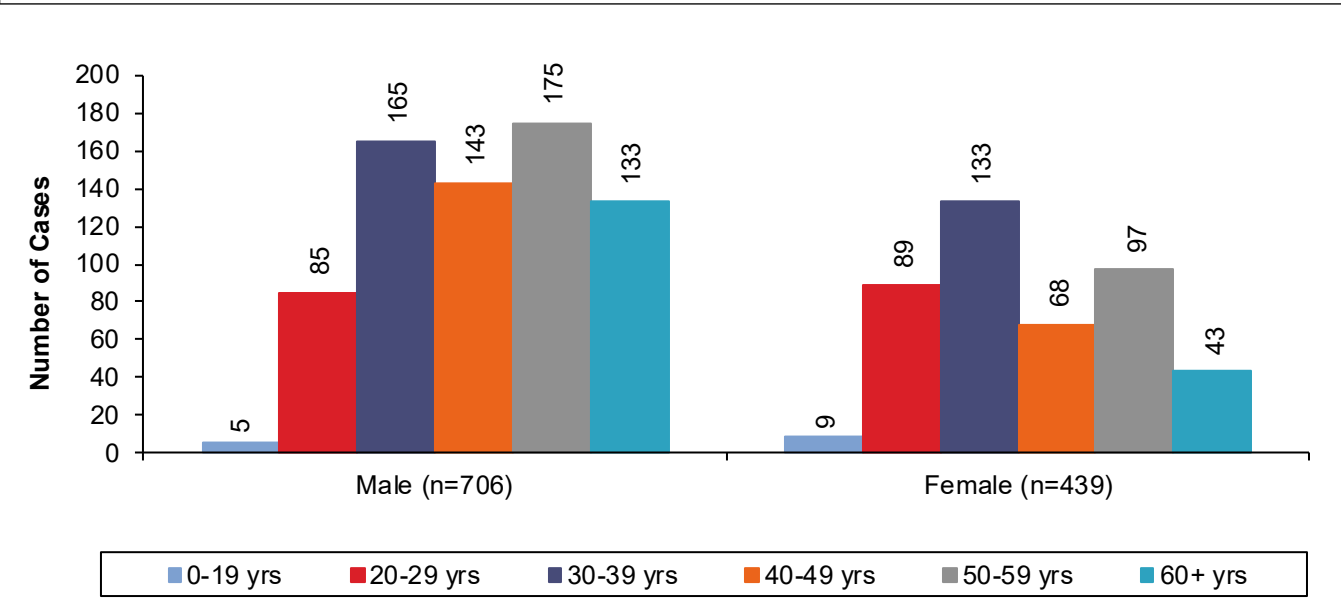
There were 4,266 chlamydia cases reported (Figure 10). The largest numbers of chlamydia cases were white females (2,585) followed by white males (1,148). Persons 20-24 years of age represented the largest number of reported cases among all other race/ethnicity and sex categories presented.

Figure 11. Reported hepatitis B cases, by sex and by age group at diagnosis, Southwest HIV Care Region, 2019



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

Figure 12. Reported hepatitis C cases, by sex and by age group at diagnosis, Southwest HIV Care Region, 2019



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

There were 105 reported cases of hepatitis B in the Southwest HIV Care Region during 2019 (Figure 11). Males had the largest proportion at 71 reported hepatitis B cases. There were differences in the age distribution of reported hepatitis B cases by sex. Among males, the largest number of cases were reported among persons 40-49 years of age.

In 2019, there were 1,145 hepatitis C cases reported in the Southwest HIV Care Region (Figure 12). Males represented the largest proportion of hepatitis C cases at 61.6%. There were differences in the age distribution of reported hepatitis C cases by sex. Those 50-59 years of age represented the largest proportion of cases among males. Among females, the largest number of cases was reported among persons 30-39 years of age.

