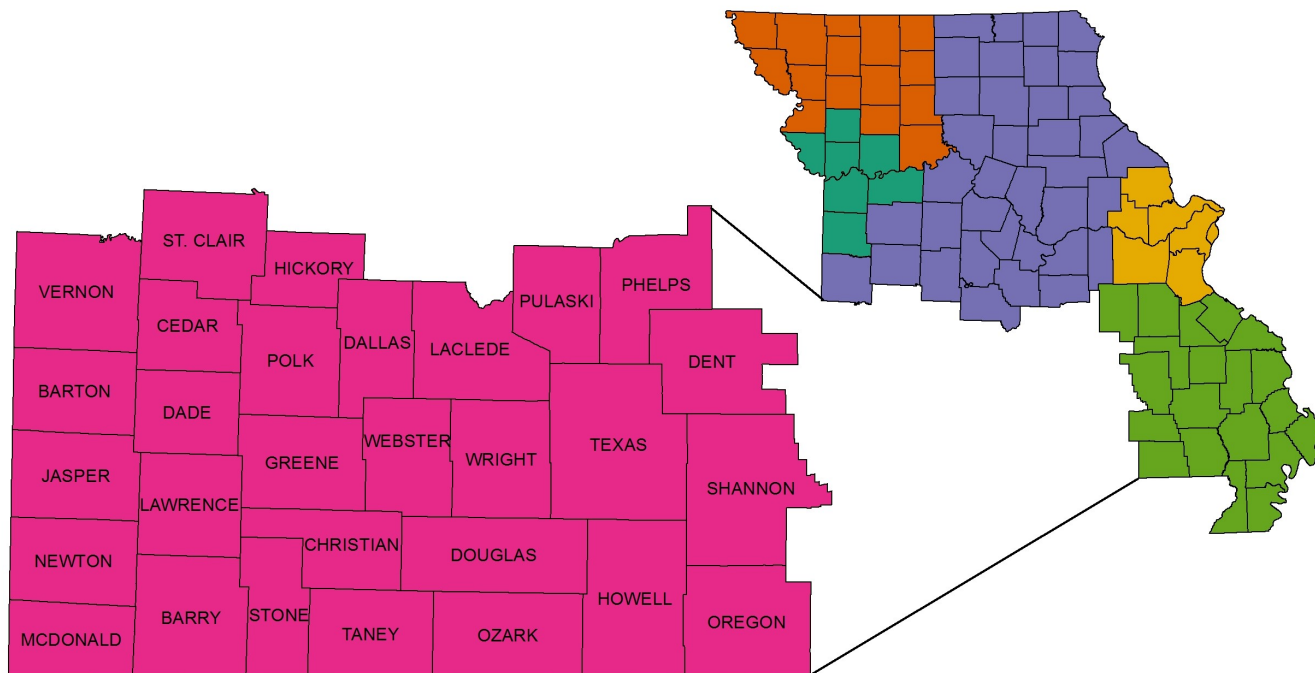


SOUTHWEST HIV CARE REGION



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 Race	Total
Barry County	30,255 84.5%	178 0.5%	3,557 9.9%	795 2.2%	347 1.0%	657 1.8%	35,789
Barton County	10,866 92.4%	63 0.5%	338 2.9%	62 0.5%	151 1.3%	274 2.3%	11,754
Cedar County	13,512 94.2%	59 0.4%	353 2.5%	63 0.4%	111 0.8%	251 1.7%	14,349
Christian County	82,314 92.9%	721 0.8%	2,763 3.1%	614 0.7%	528 0.6%	1,655 1.9%	88,595
Dade County	7,045 93.2%	33 0.4%	173 2.3%	42 0.6%	70 0.9%	198 2.6%	7,561
Dallas County	15,903 94.2%	68 0.4%	378 2.2%	65 0.4%	147 0.9%	317 1.9%	16,878
Dent County	14,614 93.8%	95 0.6%	298 1.9%	120 0.8%	168 1.1%	278 1.8%	15,573
Douglas County	12,473 94.6%	54 0.4%	234 1.8%	44 0.3%	103 0.8%	277 2.1%	13,185
Greene County	255,087 87.0%	9,696 3.3%	11,576 3.9%	6,563 2.2%	1,789 0.6%	8,375 2.9%	293,086
Hickory County	8,992 94.2%	55 0.6%	195 2.0%	24 0.3%	95 1.0%	183 1.9%	9,544
Howell County	37,741 94.1%	226 0.6%	890 2.2%	284 0.7%	267 0.7%	709 1.8%	40,117
Jasper County	101,371 83.6%	2,431 2.0%	10,270 8.5%	1,461 1.2%	1,841 1.5%	3,954 3.3%	121,328
Laclede County	33,321 93.3%	305 0.9%	918 2.6%	208 0.6%	243 0.7%	728 2.0%	35,723
Lawrence County	33,902 88.4%	197 0.5%	3,033 7.9%	185 0.5%	327 0.9%	711 1.9%	38,355
McDonald County	17,540 76.8%	417 1.8%	2,603 11.4%	322 1.4%	557 2.4%	1,398 6.1%	22,837
Newton County	49,907 85.7%	538 0.9%	3,247 5.6%	839 1.4%	1,346 2.3%	2,359 4.1%	58,236
Oregon County	9,872 93.8%	42 0.4%	203 1.9%	33 0.3%	148 1.4%	231 2.2%	10,529
Ozark County	8,704 94.9%	16 0.2%	187 2.0%	21 0.2%	84 0.9%	162 1.8%	9,174
Phelps County	39,483 88.6%	916 2.1%	1,255 2.8%	1,636 3.7%	293 0.7%	990 2.2%	44,573
Polk County	30,030 93.4%	286 0.9%	813 2.5%	258 0.8%	228 0.7%	534 1.7%	32,149
Pulaski County	36,365 69.1%	5,908 11.2%	6,194 11.8%	1,481 2.8%	442 0.8%	2,217 4.2%	52,607
Shannon County	7,635 93.5%	34 0.4%	166 2.0%	21 0.3%	108 1.3%	202 2.5%	8,166
St. Clair County	8,870 94.4%	57 0.6%	214 2.3%	27 0.3%	80 0.9%	149 1.6%	9,397
Stone County	30,215 94.6%	119 0.4%	767 2.4%	126 0.4%	263 0.8%	462 1.4%	31,952
Taney County	49,308 88.2%	862 1.5%	3,484 6.2%	627 1.1%	464 0.8%	1,183 2.1%	55,928
Texas County	23,068 90.8%	950 3.7%	566 2.2%	90 0.4%	216 0.9%	508 2.0%	25,398
Vernon County	19,255 93.6%	193 0.9%	477 2.3%	131 0.6%	139 0.7%	368 1.8%	20,563
Webster County	37,236 94.0%	439 1.1%	858 2.2%	129 0.3%	262 0.7%	668 1.7%	39,592
Wright County	17,304 94.6%	110 0.6%	414 2.3%	71 0.4%	127 0.7%	263 1.4%	18,289
Region Total	1,042,188 88.2%	25,068 2.1%	56,424 4.8%	16,342 1.4%	10,944 0.9%	30,261 2.6%	1,181,227

Figure 1. HIV disease cases (living and deceased), by current HIV vs. stage 3 (AIDS) status, Southwest HIV Care Region, 1982—2020

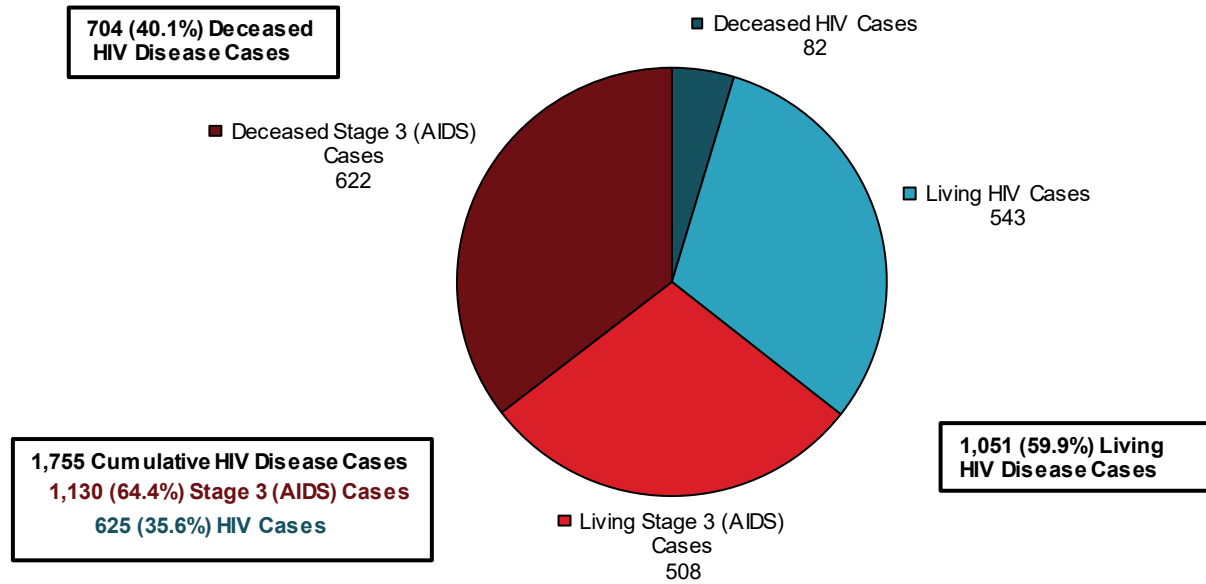
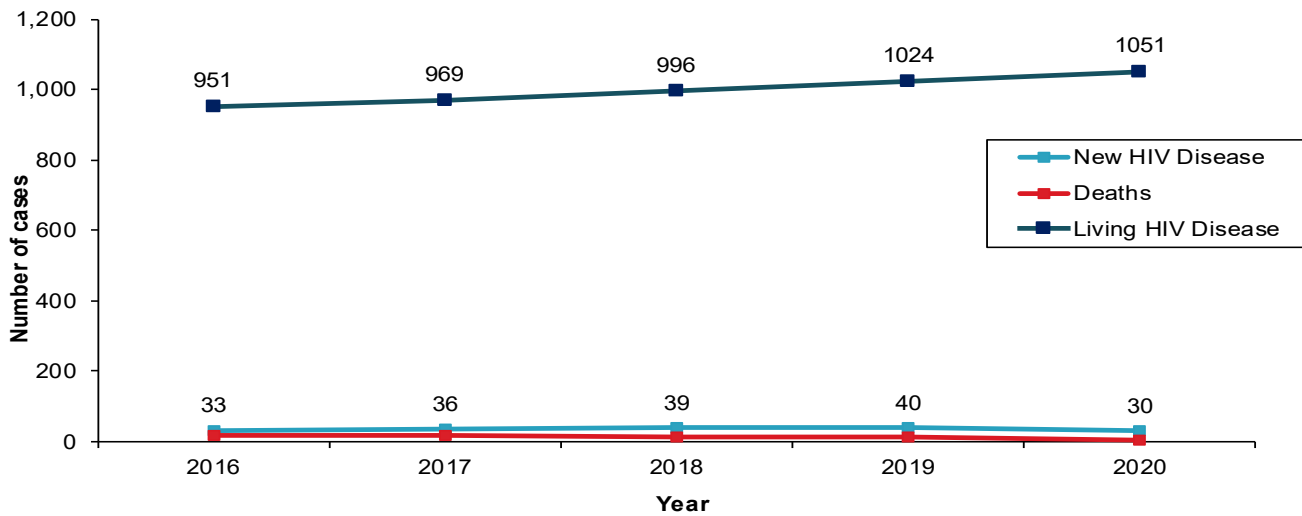


Figure 2. Living and new HIV disease cases and deaths by year*, Southwest HIV Care Region, 2016-2020

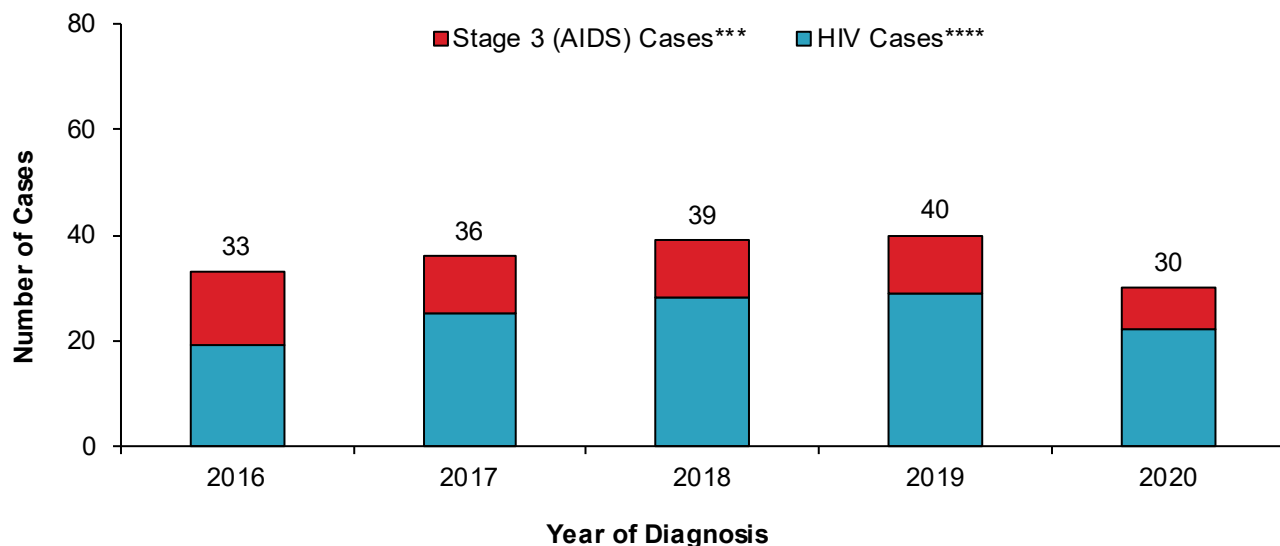


*For living HIV disease cases-the number of individuals living with HIV disease at the end of the year. For new HIV disease cases-the number of individuals newly diagnosed in the year. For HIV disease deaths-the number of individuals that died in the year.

From 1982 to 2020, there have been a total of 1,755 HIV disease cases diagnosed in the Southwest HIV Care Region and reported to DHSS (Figure 1). Of the cumulative cases reported, 59.9% were still presumed to be living with HIV disease at the end of 2020. Among those living with HIV disease, 543 were classified as HIV cases and 508 were classified as stage 3 (AIDS) cases at the end of 2020.

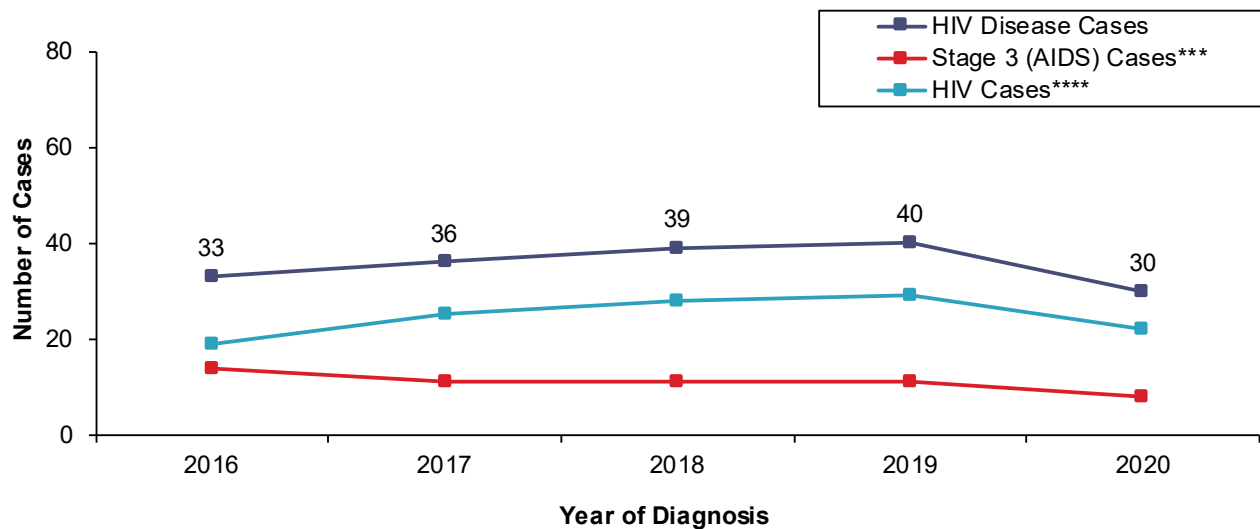
At the end of 2020, there were 1,051 persons living with HIV disease whose most recent diagnosis occurred in the Southwest HIV Care Region (Figure 2). The number of people living with HIV disease increased over time. There were 30 new HIV disease diagnoses in 2020. The number of deaths among persons with HIV disease remained generally stable.

Figure 3. HIV disease cases, by current status* and year of diagnosis, Southwest HIV Care Region, 2016—2020**



*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, 2020.

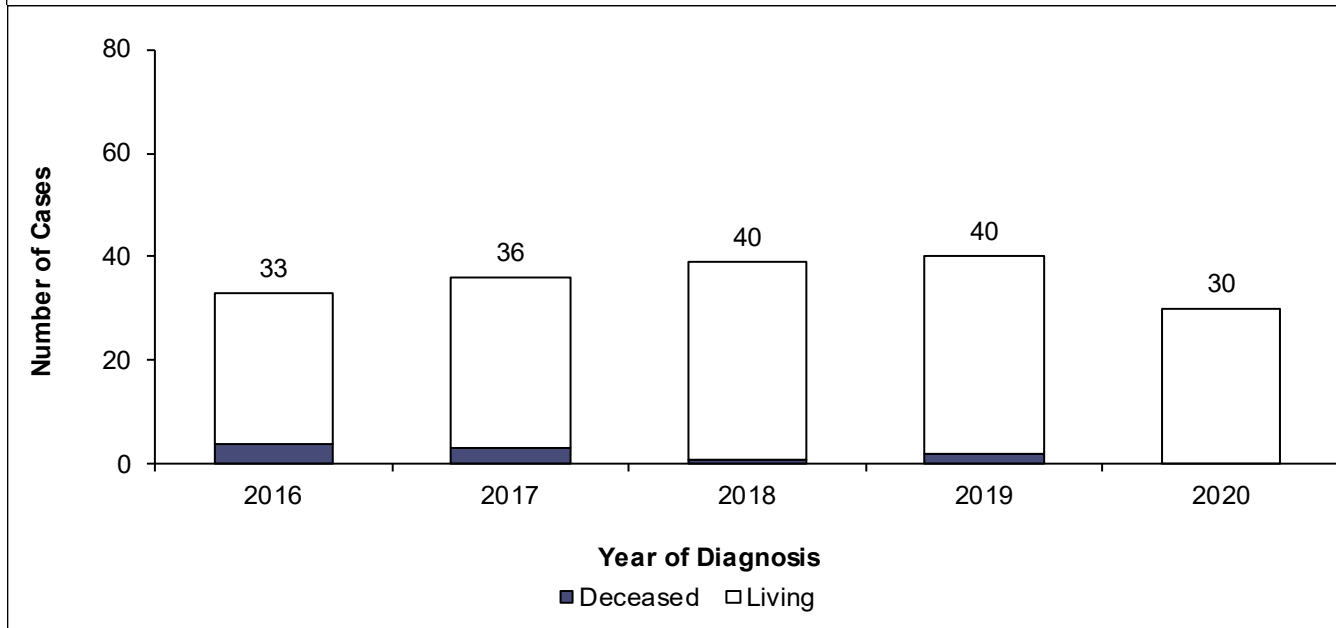
Figure 4. Reported HIV disease cases, by current status* and year of diagnosis, Southwest HIV Care Region, 2016—2020**



*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, 2020.

The number of new diagnoses remained stable with slight fluctuations between 2016 and 2020 in the Southwest HIV Care Region (Figures 3 and 4). The number of new HIV disease cases decreased in 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. Persons diagnosed with HIV disease by current vital status* and year of diagnosis, Southwest HIV Care Region, 2016—2020**



*Vital status on December 31, 2020.

**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).

Of the 33 persons diagnosed with HIV disease in 2016, 10 (30%) were deceased by the end of 2020 (Figure 5). Among the 30 persons first diagnosed in 2020, no deaths have been reported to DHSS at the end of 2020. 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, 2020

	HIV*			Stage 3 (AIDS)**			HIV Disease***		
	Cases	%	Rate****	Cases	%	Rate****	Cases	%	Rate****
Sex									
Male	429	104.0%	73.2	418	82.3%	71.3	847	80.6%	144.5
Female	114	21.0%	19.2	90	17.7%	15.1	204	19.4%	34.3
Total	543	125.0%	46.0	508	100.0%	43.0	1,051	100.0%	89.0
Race/Ethnicity									
White	408	75.1%	39.1	399	78.5%	38.3	807	76.8%	77.4
Black/African American	75	13.8%	299.2	56	11.0%	223.4	131	12.5%	522.6
Hispanic	29	5.3%	51.4	34	6.7%	60.3	63	6.0%	111.7
Asian/Pacific Islander	9	1.7%	55.1	7	1.4%	42.8	16	1.5%	97.9
American Indian/Alaskan Native	0	0.0%	0.0	1	0.2%	9.1	1	0.1%	9.1
Two or More Races/Unknown	22	4.1%	--	11	2.2%	--	33	3.1%	--
Total	543	100.0%	46.0	508	100.0%	43.0	1,051	100.0%	89.0
Race/Ethnicity-Males									
White Male	333	77.6%	64.8	338	80.9%	65.8	671	79.2%	130.6
Black/African American Male	47	11.0%	316.3	42	10.0%	282.6	89	10.5%	598.9
Hispanic Male	24	5.6%	80.9	25	6.0%	84.2	49	5.8%	165.1
Asian/Pacific Islander Male	7	1.6%	94.7	4	1.0%	54.1	11	1.3%	148.8
American Indian/Alaskan Native Male	0	0.0%	0.0	1	0.2%	18.0	1	0.1%	18.0
Two or More Races/Unknown Male	18	4.2%	--	8	1.9%	--	26	3.1%	--
Total	429	100.0%	73.2	418	100.0%	71.3	847	100.0%	144.5
Race/Ethnicity-Females									
White Female	75	65.8%	14.2	61	67.8%	11.5	136	66.7%	25.7
Black/African American Female	28	24.6%	274.3	14	15.6%	137.2	42	20.6%	411.5
Hispanic Female	5	4.4%	18.7	9	10.0%	33.6	14	6.9%	52.3
Asian/Pacific Islander Female	2	1.8%	22.4	3	3.3%	33.5	5	2.5%	55.9
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	4	3.5%	--	3	3.3%	--	7	3.4%	--
Total	114	100.0%	19.2	90	100.0%	15.1	204	100.0%	34.3
Current Age[‡]									
<2	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
2-12	2	0.4%	1.2	0	0.0%	0.0	2	0.2%	1.2
13-18	5	0.9%	5.5	1	0.2%	1.1	6	0.6%	6.6
19-24	21	3.9%	19.9	1	0.2%	0.9	22	2.1%	20.8
25-44	237	43.6%	82.9	114	22.4%	39.9	351	33.4%	122.8
45-64	251	46.2%	86.4	312	61.4%	107.4	563	53.6%	193.9
65+	27	5.0%	12.5	80	15.7%	36.9	107	10.2%	49.4
Total	543	100.0%	46.0	508	100.0%	43.0	1,051	100.0%	89.0

[†]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 2020

**Cases classified as stage 3 (AIDS) by December 31, 2020.

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

****Per 100,000 population based on 2019, DHSS estimates.

[‡]Based on age as of December 31, 2020.

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, 2020

	HIV*			Stage 3 (AIDS)**			HIV Disease***		
	Cases	%	Rate****	Cases	%	Rate****	Cases	%	Rate****
NEW DIAGNOSES									
Sex									
Male	15	68.2%	2.6	5	62.5%	0.9	20	66.7%	3.4
Female	7	31.8%	1.2	3	37.5%	0.5	10	33.3%	1.7
Total	22	100.0%	1.9	8	100.0%	0.7	30	100.0%	2.5
Race/Ethnicity									
White	10	45.5%	1.0	3	37.5%	0.3	13	43.3%	1.2
Black/African American	4	18.2%	16.0	1	12.5%	4.0	5	16.7%	19.9
Hispanic	0	0.0%	0.0	2	25.0%	3.5	2	6.7%	3.5
Asian/Pacific Islander	2	9.1%	12.2	0	0.0%	0.0	2	6.7%	12.2
American Indian/Alaskan Native	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Two or More Races/Unknown	6	27.3%	--	2	25.0%	--	8	26.7%	--
Total	22	100.0%	1.9	8	100.0%	0.7	30	100.0%	2.5
Race/Ethnicity-Males									
White Male	8	53.3%	1.6	2	40.0%	0.4	10	50.0%	1.9
Black/African American Male	2	13.3%	13.5	0	0.0%	0.0	2	10.0%	13.5
Hispanic Male	0	0.0%	0.0	2	40.0%	6.7	2	10.0%	6.7
Asian/Pacific Islander Male	1	6.7%	13.5	0	0.0%	0.0	1	5.0%	13.5
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	4	26.7%	--	1	20.0%	--	5	25.0%	--
Total	15	100.0%	2.6	5	100.0%	0.9	20	100.0%	3.4
Race/Ethnicity-Females									
White Female	2	28.6%	0.4	1	33.3%	0.2	3	30.0%	0.6
Black/African American Female	2	28.6%	19.6	1	33.3%	9.8	3	30.0%	29.4
Hispanic Female	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Asian/Pacific Islander Female	1	14.3%	11.2	0	0.0%	0.0	1	10.0%	11.2
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	28.6%	--	1	33.3%	--	3	30.0%	--
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	1	4.5%	0.6	0	0.0%	0.0	1	3.3%	0.6
13-18	2	9.1%	2.2	0	0.0%	0.0	2	6.7%	2.2
19-24	3	13.6%	2.8	0	0.0%	0.0	3	10.0%	2.8
25-44	11	50.0%	3.8	1	12.5%	0.3	12	40.0%	4.2
45-64	5	22.7%	1.7	6	75.0%	2.1	11	36.7%	3.8
65+	0	0.0%	0.0	1	12.5%	0.5	1	3.3%	0.5
Total	22	100.0%	1.9	8	100.0%	0.7	30	100.0%	2.5

*HIV cases diagnosed during 2020 which remained HIV cases at the end of the year.

**Stage 3 (AIDS) cases initially diagnosed in 2020.

***The sum of newly diagnosed HIV cases and newly diagnosed stage 3 (AIDS) cases. Does not include cases diagnosed prior to 2020 with HIV, which progressed to stage 3 (AIDS) in 2020.

****Per 100,000 population based on 2019 DHSS estimates.

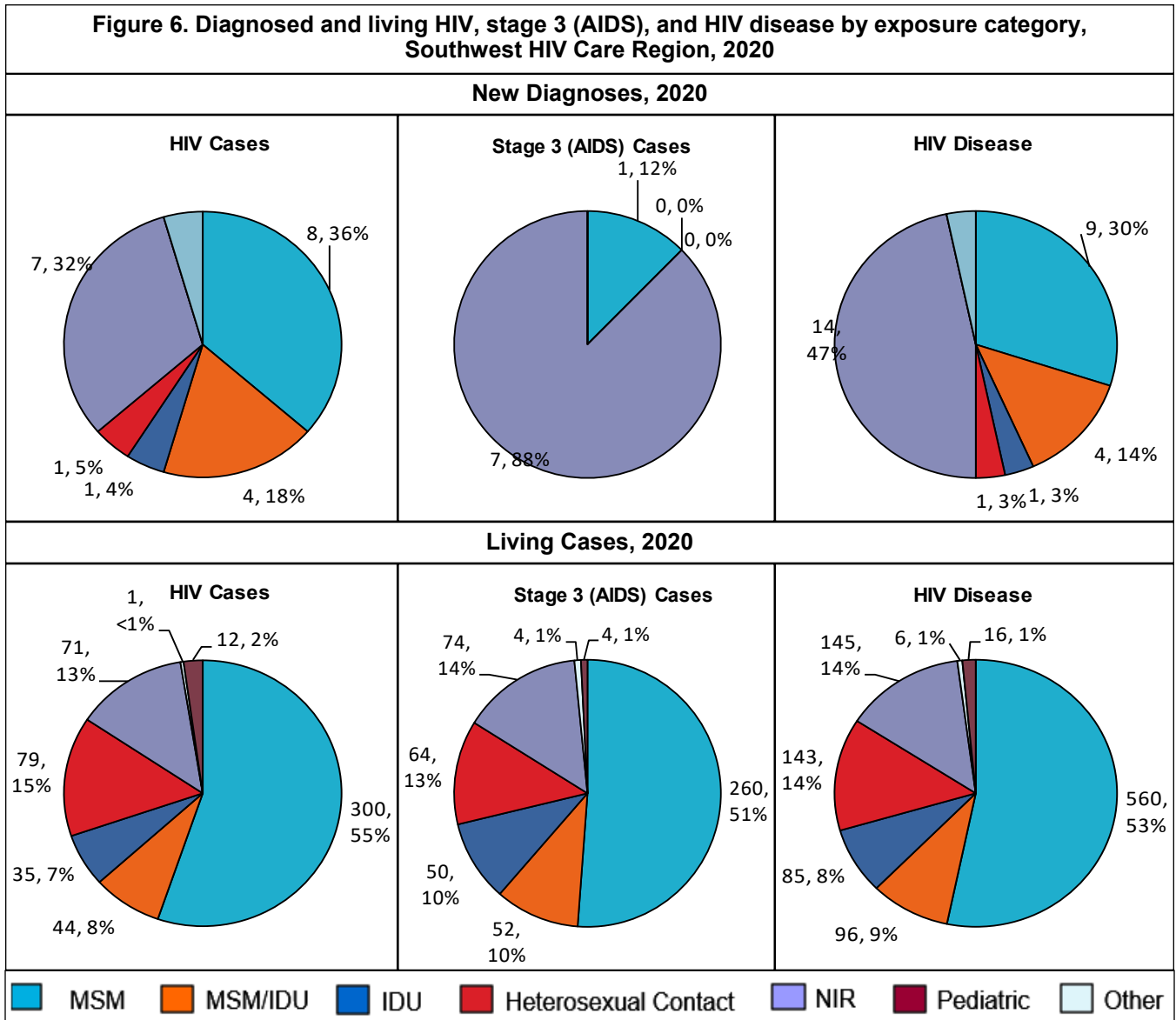
†Based on age as of December 31, 2020.

Note: Percentages may not total due to rounding.

Epi Profiles Summary: Southwest HIV Care Region

Of the 1,051 persons living with HIV disease at the end of 2020, 80.6% were males (Table 1). The rate of those living with HIV disease among males was 4.2 times as high as the rate among females. Although whites represented the largest proportion of persons living with HIV disease (76.8%), the rate of those living with HIV disease among Blacks/African Americans was 6.8 times as high as the rate among whites. The rate among Hispanics was 1.4 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 1.3 times as high as the rate for whites. Among females, the rate of those living with HIV disease among Blacks/African Americans was 16 as high as the rate among whites, and the rate among Hispanics was 2 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 30 persons newly diagnosed with HIV disease in 2020, 26.6% were classified as stage 3 (AIDS) cases by the end of 2020 (Table 2). Whites represented the majority of new HIV disease diagnoses (45.5) and stage 3 (AIDS) cases (37.5%).



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, 2020

Geographic Area	HIV cases						Stage 3 (AIDS) cases					
	Diagnosed 2020*			Living			Diagnosed 2020**			Living		
	Cases	%	Rate***	Cases	%	Rate***	Cases	%	Rate***	Cases	%	Rate***
Greene County	11	50.0%	3.8	247	45.5%	84.3	2	25.0%	0.7	207	40.7%	70.6
Jasper County	2	9.1%	1.6	79	14.5%	65.1	2	25.0%	1.6	78	15.4%	64.3
Pulaski County	2	9.1%	3.8	36	6.6%	68.4	0	0.0%	0.0	20	3.9%	38.0
Christian County	3	13.6%	3.4	30	5.5%	33.9	1	12.5%	1.1	20	3.9%	22.6
Taney County	2	9.1%	3.6	23	4.2%	41.1	0	0.0%	0.0	23	4.5%	41.1
Remainder of Region	2	9.1%	0.4	128	23.6%	22.5	3	37.5%	0.5	160	31.5%	28.1
SOUTHWEST HIV CARE REGION TOTAL	22	100.0%	1.9	543	100.0%	46.0	8	100.0%	0.7	508	100.0%	43.0

*HIV cases diagnosed and reported to the department during 2020 which 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 2020.

***Per 100,000 population based on 2019 MDHSS estimates.

The largest numbers of new HIV cases (11) 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, 2020

Race/Ethnicity	HIV Cases*				Stage 3 (AIDS) Cases			
	Newly Diagnosed		Living		Newly Diagnosed**		Living	
	Cases	%	Cases	%	Cases	%	Cases	%
White	6	75.0%	241	80.3%	1	100.0%	221	85.0%
Black/African American	0	0.0%	23	7.7%	0	0.0%	20	7.7%
Hispanic	0	0.0%	20	6.7%	0	0.0%	11	4.2%
Other/Unknown	2	25.0%	16	5.3%	0	0.0%	8	3.1%
SOUTHWEST HIV CARE REGION TOTAL	8	100.0%	300	100.0%	1	100.0%	260	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 2020.

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, 2020

Age Group	White		Black/African American		Hispanic		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%**
13-18	0	0.0%	0	0.0%	0	0.0%	1	0.2%
19-24	5	1.1%	1	2.3%	1	3.2%	9	1.6%
25-44	147	31.8%	23	53.5%	18	58.1%	204	36.4%
45-64	258	55.8%	16	37.2%	8	25.8%	286	51.1%
65+	52	11.3%	3	7.0%	4	12.9%	60	10.7%
SOUTHWEST HIV CARE REGION TOTAL	462	100.0%	43	100.0%	31	100.0%	560	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, 2020

Geographic Area	White		Black/African American		Hispanic		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%***
Greene County	230	83.3%	21	7.6%	13	4.7%	276	49.3%
Jasper County	65	81.3%	7	8.8%	5	6.3%	80	14.3%
Taney County	20	90.9%	1	4.5%	1	4.5%	22	3.9%
Remaining Counties	118	89.4%	1	0.8%	9	6.8%	132	23.6%
SOUTHWEST HIV CARE REGION TOTAL	462	82.5%	43	7.7%	31	5.5%	560	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 eight new HIV disease diagnoses attributed to MSM in 2020 for the Southwest HIV Care Region (Table 4). Whites represented the greatest proportion of new HIV and stage 3 (AIDS) case diagnoses. There were 560 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 2020 (Table 5). The greatest proportion of Blacks/African Americans (53.5%) 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, 2020

Race/Ethnicity	HIV Cases*				Stage 3 (AIDS) Cases			
	Newly Diagnosed		Living		Newly Diagnosed**		Living	
	Cases	%	Cases	%	Cases	%	Cases	%
White	2	50.0%	40	90.9%	0	--	46	88.5%
Black/African American	0	0.0%	0	0.0%	0	--	3	5.8%
Hispanic	0	0.0%	1	2.3%	0	--	2	3.8%
Other/Unknown	2	50.0%	3	6.8%	0	--	1	1.9%
SOUTHWEST HIV CARE REGION TOTAL	4	100.0%	44	100.0%	0	--	52	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 2020.

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, 2020

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	1.0%
25-44	30	34.9%	0	0.0%	3	75.0%	36	50.0%
45-64	46	53.5%	3	100.0%	1	25.0%	50	52.1%
65+	9	10.5%	0	0.0%	0	0.0%	9	9.4%
SOUTHWEST HIV CARE REGION TOTAL	86	100.0%	3	100.0%	4	100.0%	96	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, 2020

Geographic Area	Cases	%
Greene County	46	54.8%
Jasper County	13	15.5%
Remaining Counties	25	29.8%
SOUTHWEST HIV CARE REGION TOTAL	84	100.0%

There were four new HIV disease diagnoses attributed to MSM/IDU in 2020 for the Southwest HIV Care Region (Table 7). There were 96 MSM/IDU living with HIV disease at the end of 2020 whose most recent diagnosis occurred in the Southwest HIV Care Region. Whites comprised a greater proportion of those living with HIV (90.9%) compared to the proportion of those living with stage 3 (AIDS) (88.5%).

The distribution of living HIV disease cases by current age varied by race/ethnicity among MSM/IDU (Table 8). Among whites and lack/African Americans, the largest number of living cases was 45-64 years of age at the end of 2020. The greatest proportion of Hispanics is between 25-44 years of age.

Greene County residents accounted for the largest number (46) 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, 2020

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%	18	51.4%	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	100.0%	13	37.1%	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[†]	1	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 2020 that progressed to stage 3 (AIDS) in 2020.

†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, 2020

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%	0	0.0%	0	0.0%	0	0.0%
25-44	11	27.5%	1	16.7%	10	33.3%	1	25.0%	25	29.4%
45-64	23	57.5%	4	66.7%	20	66.7%	3	75.0%	53	62.4%
65+	6	15.0%	1	16.7%	0	0.0%	0	0.0%	7	8.2%
SOUTHWEST HIV CARE REGION TOTAL	40	100.0%	6	100.0%	30	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, 2020

Geographic Area	Total	
	Cases	%
Greene County	31	42.5%
Jasper County	13	17.8%
Remaining Counties	29	39.7%
SOUTHWEST HIV CARE REGION TOTAL	73	100.0%

There was one new HIV disease diagnoses attributed to IDU in 2020 for the Southwest HIV Care Region (Table 10). There were 85 living HIV disease cases attributed to IDU at the end of 2020 in the Southwest HIV Care Region. Of the living HIV disease cases, none were classified as stage 3 (AIDS) at the end of 2020. White males represented the largest proportion of living HIV cases (51.4%) and the largest proportion of stage 3 (AIDS) cases (44%).

Overall, persons 45-64 years of age represented the largest number (53) 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 2020 (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, 2020

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%	7	8.9%	0	--	11	17.5%
Black/African American Male	0	0.0%	6	7.6%	0	--	6	9.5%
Hispanic Male	0	0.0%	1	1.3%	0	--	1	1.6%
White Female	0	0.0%	46	58.2%	0	--	29	46.0%
Black/African American Female	1	100.0%	15	19.0%	0	--	7	11.1%
Hispanic Female	0	0.0%	2	2.5%	0	--	4	6.3%
SOUTHWEST HIV CARE REGION TOTAL †	1	100.0%	79	100.0%	0	--	63	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 2020.

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

Table 14. Living HIV disease cases in heterosexual contacts, by selected race/ethnicity and sex, by current age group, Southwest HIV Care Region, 2020

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	2.7%	1	4.5%	3	2.1%
25-44	2	11.1%	1	8.3%	19	25.3%	3	13.6%	32	22.4%
45-64	11	61.1%	9	75.0%	50	66.7%	17	77.3%	96	67.1%
65+	5	27.8%	2	16.7%	4	5.3%	1	4.5%	12	8.4%
SOUTHWEST HIV CARE REGION TOTAL	18	100.0%	12	100.0%	75	100.0%	22	100.0%	143	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, 2020

Geographic Area	White		Black/African American		Hispanic		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%***
Greene County	22	51.2%	20	46.5%	0	0.0%	43	30.1%
Jasper County	15	68.2%	3	13.6%	4	18.2%	22	15.4%
Pulaski County	11	100.0%	8	72.7%	0	0.0%	11	7.7%
Remaining Counties	41	80.4%	3	5.9%	2	3.9%	51	35.7%
SOUTHWEST HIV CARE REGION TOTAL	93	65.0%	34	23.8%	8	5.6%	143	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 was one new HIV disease diagnoses attributed to heterosexual contact in 2020 for the Southwest HIV Care Region (Table 13). There were 143 living HIV disease cases attributed to heterosexual contact at the end of 2020 in the Southwest HIV Care Region. White females represented the largest proportion of both living HIV (58.2%) and stage 3 (AIDS) (46%) cases.

At the end of 2020, 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).

Greene County had the largest number of living HIV disease cases attributed to heterosexual contact in 2020 (Table 15). Whites were the greatest proportion among all counties.

Figure 7. Reported P&S syphilis cases, by race and sex, by age group at diagnosis, Southwest HIV Care Region, 2020

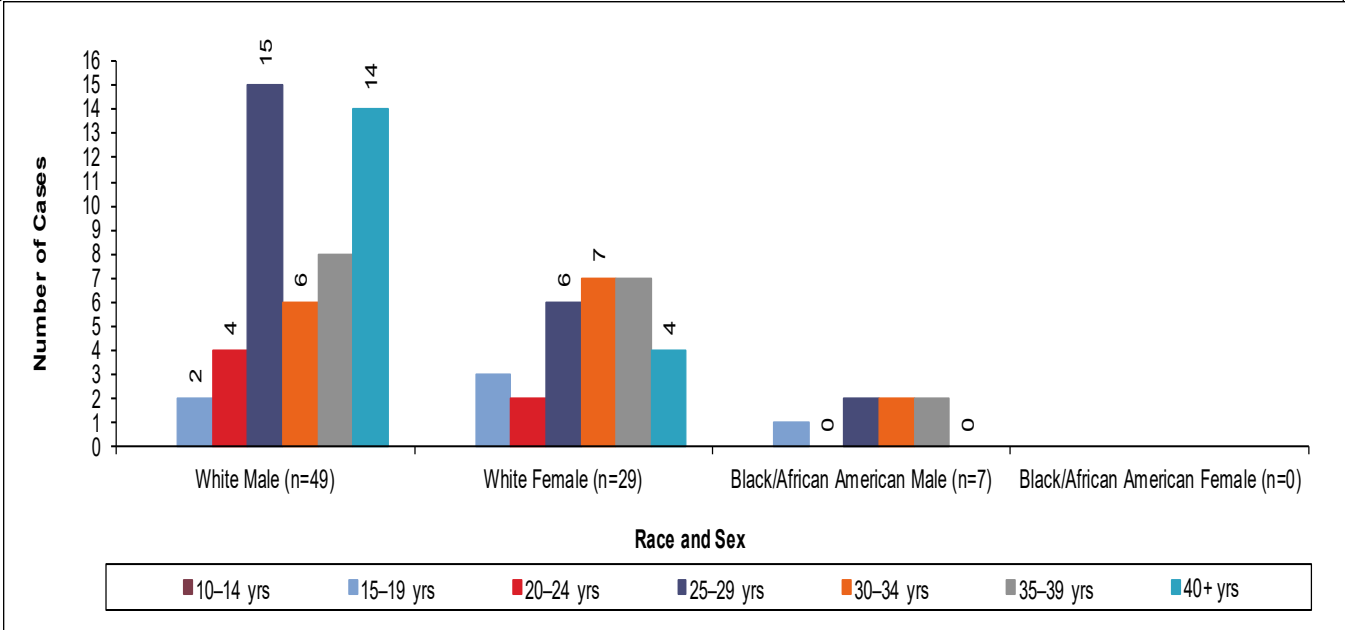
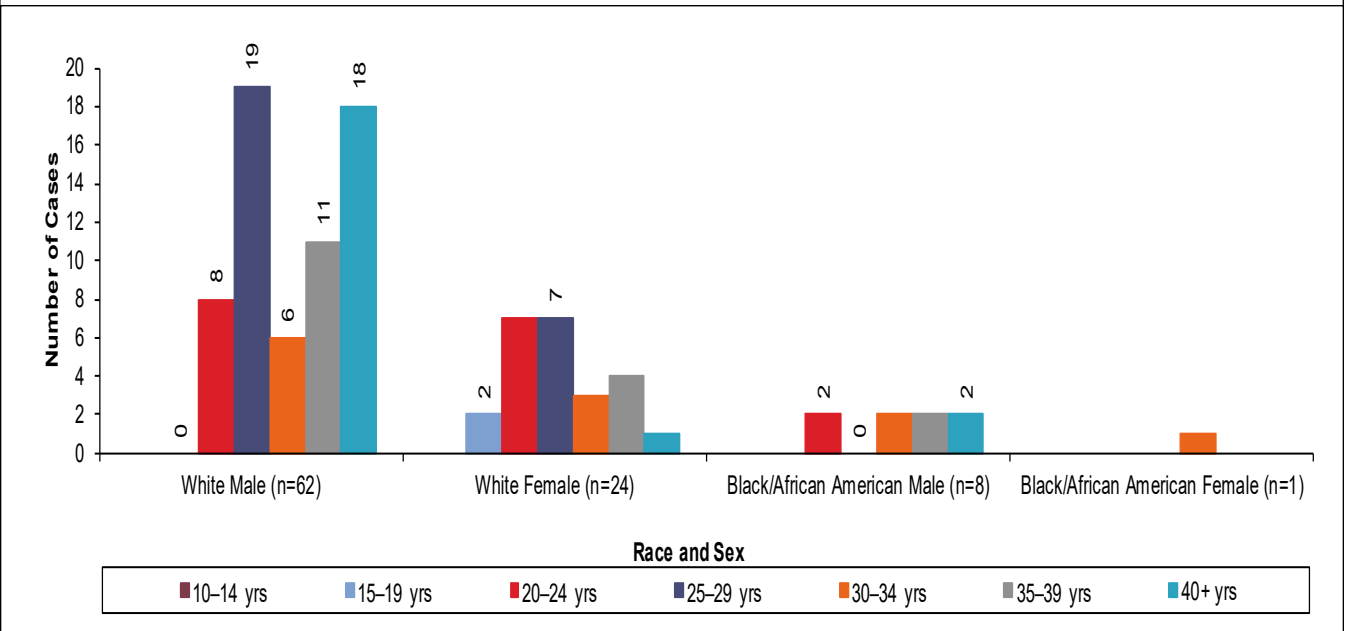


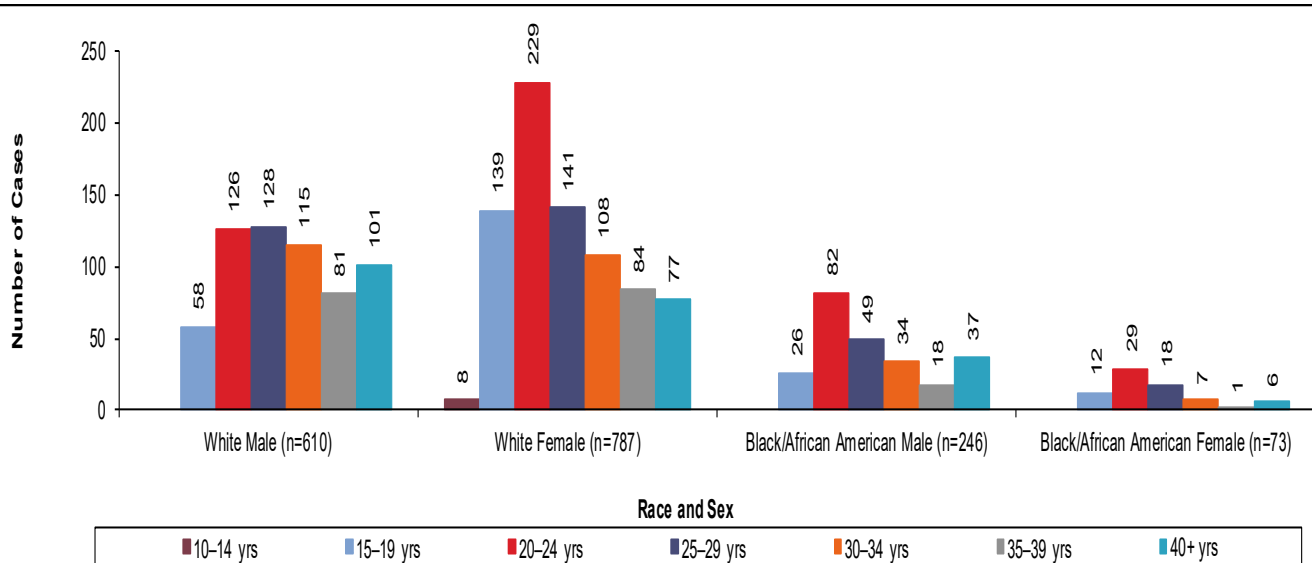
Figure 8. Reported early latent syphilis cases, by race and sex, by age group at diagnosis, Southwest HIV Care Region, 2020



In the Southwest HIV Care Region, there were 66 P&S syphilis cases reported (Figure 7). The largest proportion of P&S syphilis cases were reported in white males (46) followed by white females (16). There were no cases in Black/African American females.

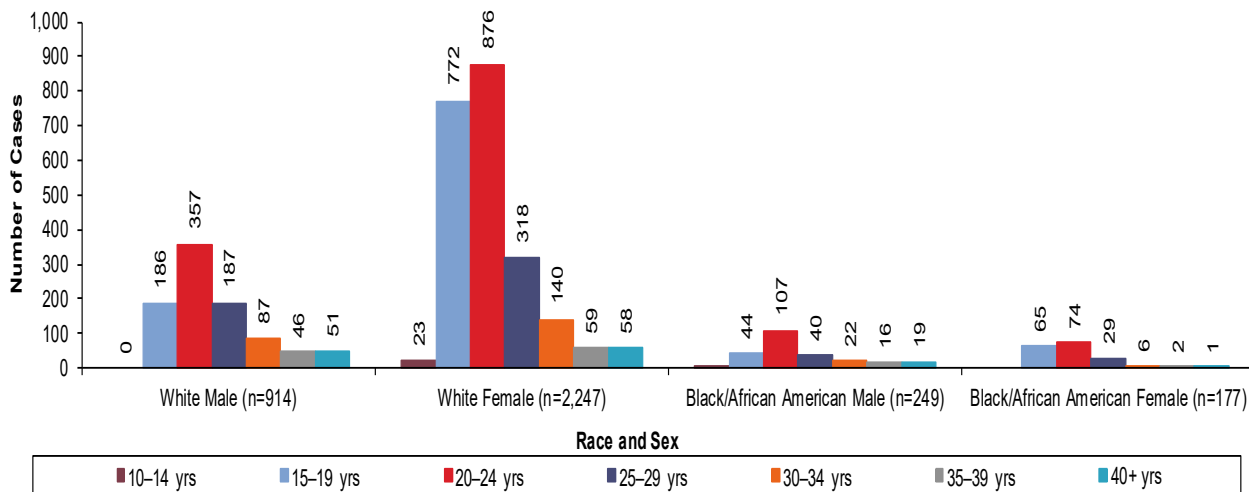
There were 77 early latent syphilis cases reported (Figure 8). The largest proportion of early latent syphilis cases were reported in white males (56). There was only one case reported among Black/African American females.

Figure 9. Reported gonorrhea cases, by race and sex, by age group at diagnosis, Southwest HIV Care Region, 2020



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, 2020

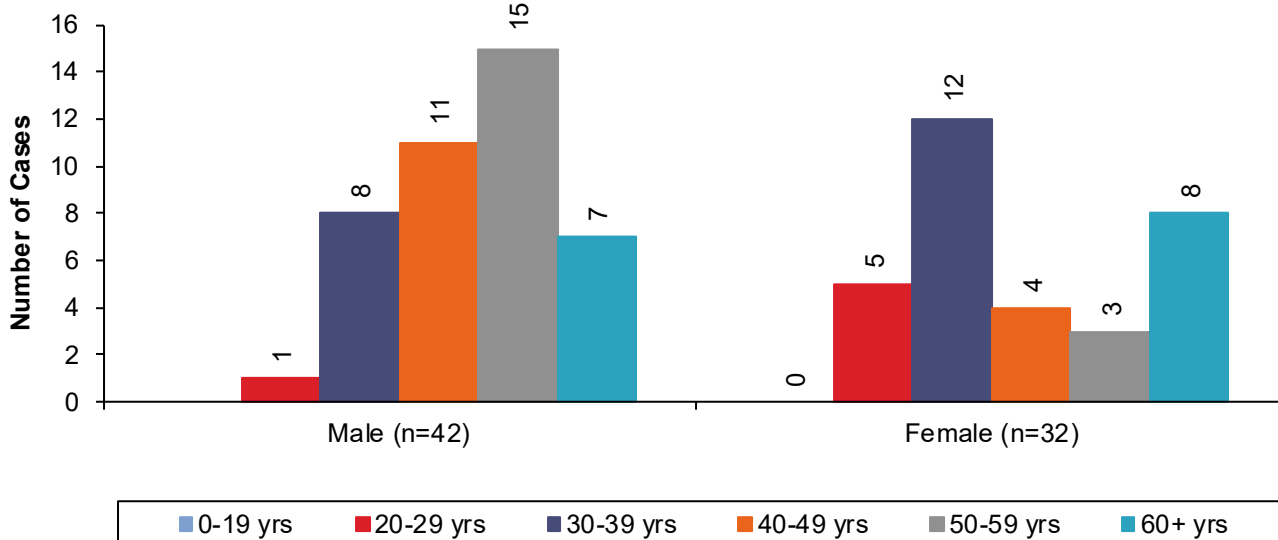


Note: Totals include persons diagnosed at <10 years of age or whose age at diagnosis is unknown.

There were 1881 gonorrhea cases reported in the Southwest HIV Region Care Region (Figure 9). The largest totals of gonorrhea cases were reported among white females (215) and white males (187). Persons 20-24 years of age represented the largest number of reported cases among all other race/ethnicity and sex categories presented.

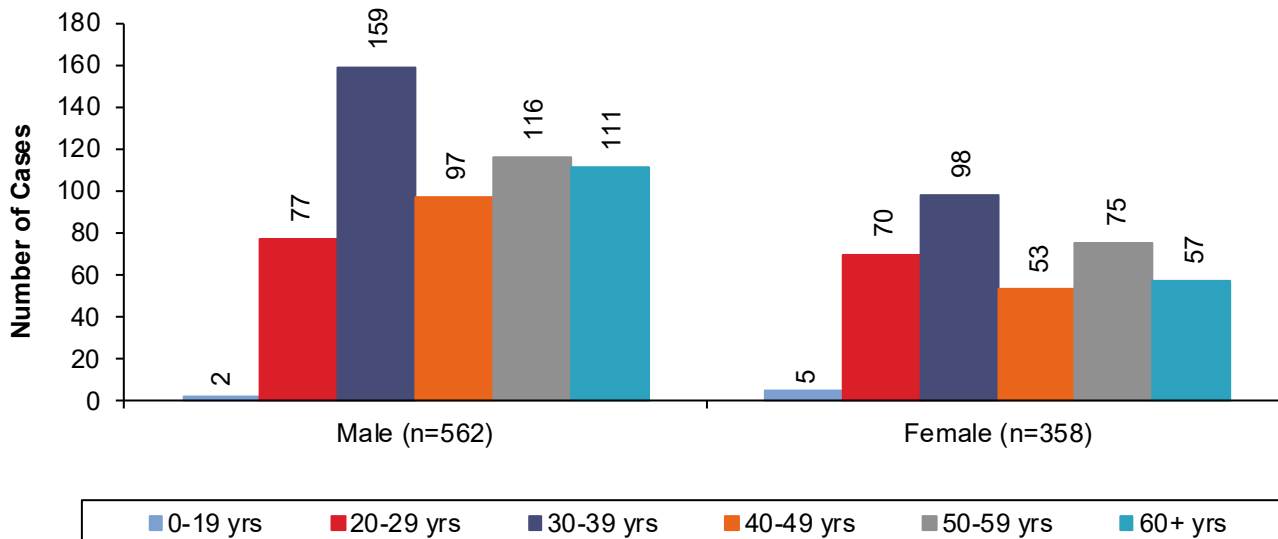
There were 4575 chlamydia cases reported (Figure 10). The largest numbers of chlamydia cases were white females (2723) followed by white males (1315). Persons 20-24 years of age represented the largest number of reported cases among all other race/ethnicity and sex categories presented.

Figure 11. Reported hepatitis B cases, by sex and by age group at diagnosis, Southwest HIV Care Region, 2020



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, 2020



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

There were 84 reported cases of hepatitis B in the Southwest HIV Care Region during 2020 (Figure 11). 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 50-59 years of age. Among females, the largest number of cases was reported among persons 40-49 years of age.

In 2020, there were 1,188 hepatitis C cases reported in the Southwest HIV Care Region (Figure 12). Males represented the largest proportion of hepatitis C cases at 58.83%. 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.

