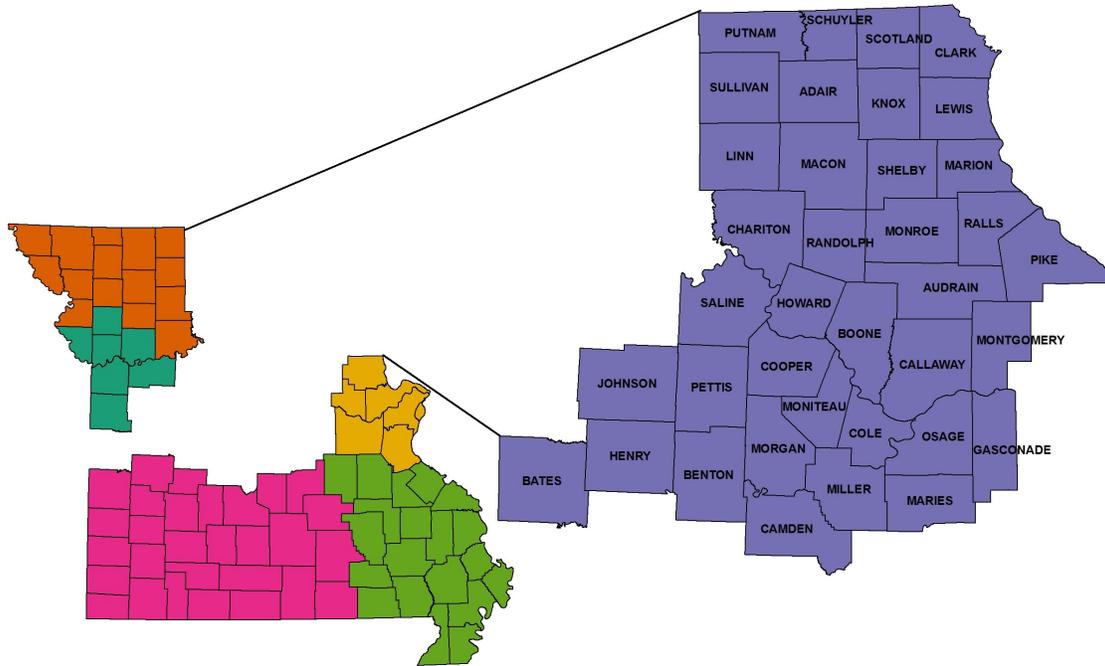


CENTRAL HIV CARE REGION



Population Counts, Central HIV Care Region, 2019

County	White	Black/African American	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Two or More Races/other	Total
Adair County	22,648 89.4%	823 3.2%	653 2.6%	662 2.6%	72 0.3%	485 1.9%	25,343
Audrain County	22,132 87.2%	1,707 6.7%	828 3.3%	132 0.5%	107 0.4%	482 1.9%	25,388
Bates County	15,167 93.8%	188 1.2%	372 2.3%	45 0.3%	110 0.7%	290 1.8%	16,172
Benton County	18,369 94.5%	104 0.5%	416 2.1%	80 0.4%	143 0.7%	331 1.7%	19,443
Boone County	141,515 78.4%	17,407 9.6%	6,387 3.5%	8,982 5.0%	616 0.3%	5,556 3.1%	180,463
Callaway County	40,266 90.0%	2,029 4.5%	973 2.2%	315 0.7%	207 0.5%	953 2.1%	44,743
Camden County	43,509 94.0%	281 0.6%	1,320 2.9%	292 0.6%	266 0.6%	637 1.4%	46,305
Chariton County	7,037 94.8%	175 2.4%	65 0.9%	21 0.3%	31 0.4%	97 1.3%	7,426
Clark County	6,580 96.8%	28 0.4%	59 0.9%	28 0.4%	12 0.2%	90 1.3%	6,797
Cole County	62,442 81.4%	9,184 12.0%	2,251 2.9%	1,045 1.4%	249 0.3%	1,574 2.1%	76,745
Cooper County	15,524 87.7%	1,228 6.9%	374 2.1%	116 0.7%	85 0.5%	382 2.2%	17,709
Gasconade County	14,081 95.8%	81 0.6%	239 1.6%	59 0.4%	42 0.3%	204 1.4%	14,706
Henry County	20,372 93.3%	245 1.1%	566 2.6%	88 0.4%	148 0.7%	405 1.9%	21,824
Howard County	9,016 90.2%	497 5.0%	169 1.7%	32 0.3%	66 0.7%	221 2.2%	10,001
Johnson County	46,151 85.4%	2,551 4.7%	2,596 4.8%	937 1.7%	299 0.6%	1,528 2.8%	54,062
Knox County	3,782 95.5%	22 0.6%	56 1.4%	17 0.4%	15 0.4%	67 1.7%	3,959
Lewis County	9,042 92.5%	300 3.1%	182 1.9%	37 0.4%	41 0.4%	174 1.8%	9,776
Linn County	11,230 94.2%	107 0.9%	338 2.8%	29 0.2%	34 0.3%	182 1.5%	11,920
Macon County	5,235 25.7%	11 0.1%	12 0.1%	6 0.0%	0 0.0%	15,117 74.2%	20,381
Maries County	8,261 95.0%	55 0.6%	128 1.5%	35 0.4%	65 0.7%	153 1.8%	8,697
Marion County	25,686 90.0%	1,370 4.8%	542 1.9%	178 0.6%	66 0.2%	688 2.4%	28,530
Miller County	18,970 93.1%	179 0.9%	549 2.7%	107 0.5%	133 0.7%	446 2.2%	20,384
Moniteau County	14,273 88.5%	654 4.1%	860 5.3%	44 0.3%	68 0.4%	233 1.4%	16,132
Monroe County	7,994 92.5%	245 2.8%	143 1.7%	34 0.4%	42 0.5%	186 2.2%	8,644
Montgomery County	10,814 93.5%	202 1.7%	244 2.1%	55 0.5%	39 0.3%	207 1.8%	11,561
Morgan County	19,358 93.9%	167 0.8%	496 2.4%	95 0.5%	119 0.6%	370 1.8%	20,605
Osage County	13,264 97.5%	51 0.4%	114 0.8%	23 0.2%	48 0.4%	109 0.8%	13,609
Pettis County	35,788 84.5%	1,317 3.1%	3,714 8.8%	333 0.8%	157 0.4%	1,030 2.4%	42,339
Pike County	16,088 88.0%	1,394 7.6%	413 2.3%	71 0.4%	43 0.2%	282 1.5%	18,291
Putnam County	4,473 95.3%	13 0.3%	116 2.5%	23 0.5%	9 0.2%	62 1.3%	4,696
Ralls County	9,814 95.2%	142 1.4%	138 1.3%	27 0.3%	25 0.2%	163 1.6%	10,309
Randolph County	21,971 88.8%	1,366 5.5%	533 2.2%	193 0.8%	100 0.4%	585 2.4%	24,748
Saline County	18,096 79.5%	1,152 5.1%	2,472 10.9%	192 0.8%	82 0.4%	767 3.4%	22,761
Schuyler County	4,491 96.4%	6 0.1%	81 1.7%	14 0.3%	14 0.3%	54 1.2%	4,660
Scotland County	4,758 97.1%	5 0.1%	54 1.1%	11 0.2%	15 0.3%	59 1.2%	4,902
Shelby County	5,637 95.1%	53 0.9%	129 2.2%	10 0.2%	19 0.3%	82 1.4%	5,930
Sullivan County	4,669 76.7%	169 2.8%	1,131 18.6%	21 0.3%	35 0.6%	64 1.1%	6,089
Region Total	758,503 85.6%	45,508 5.1%	29,713 3.4%	14,389 1.6%	3,622 0.4%	34,315 3.9%	886,050

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

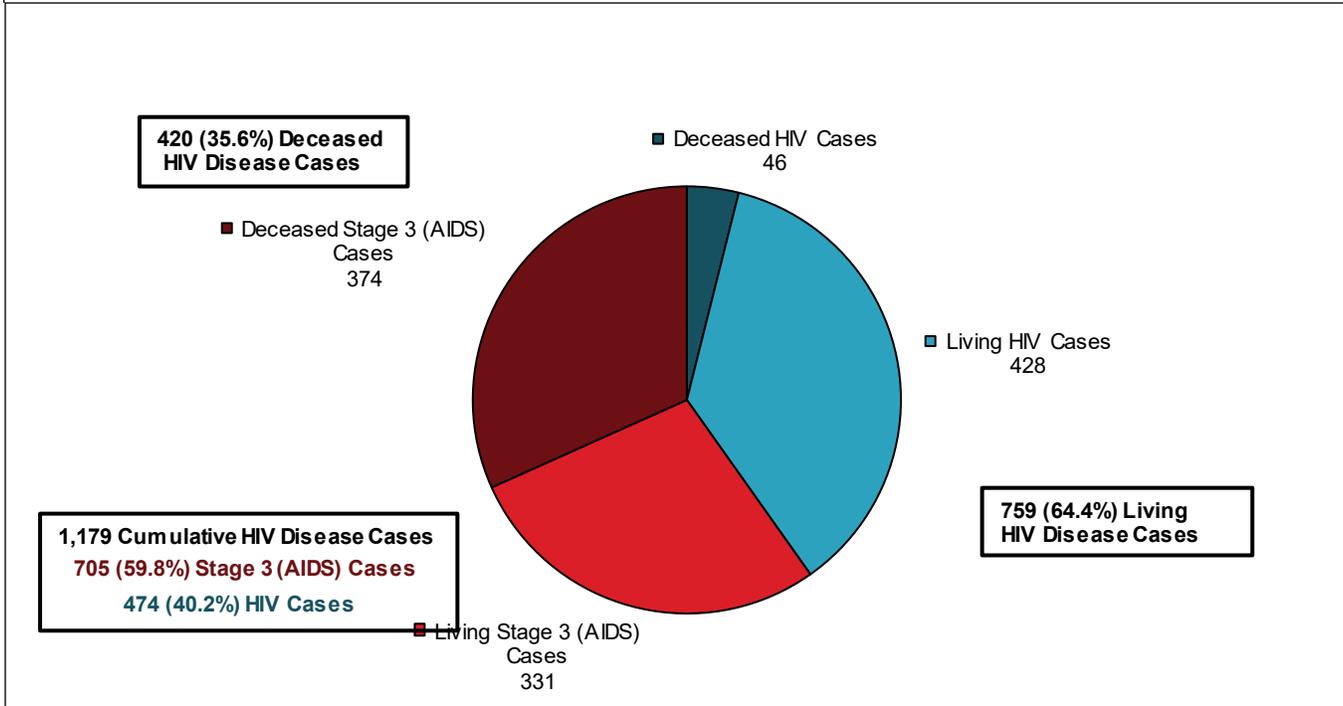
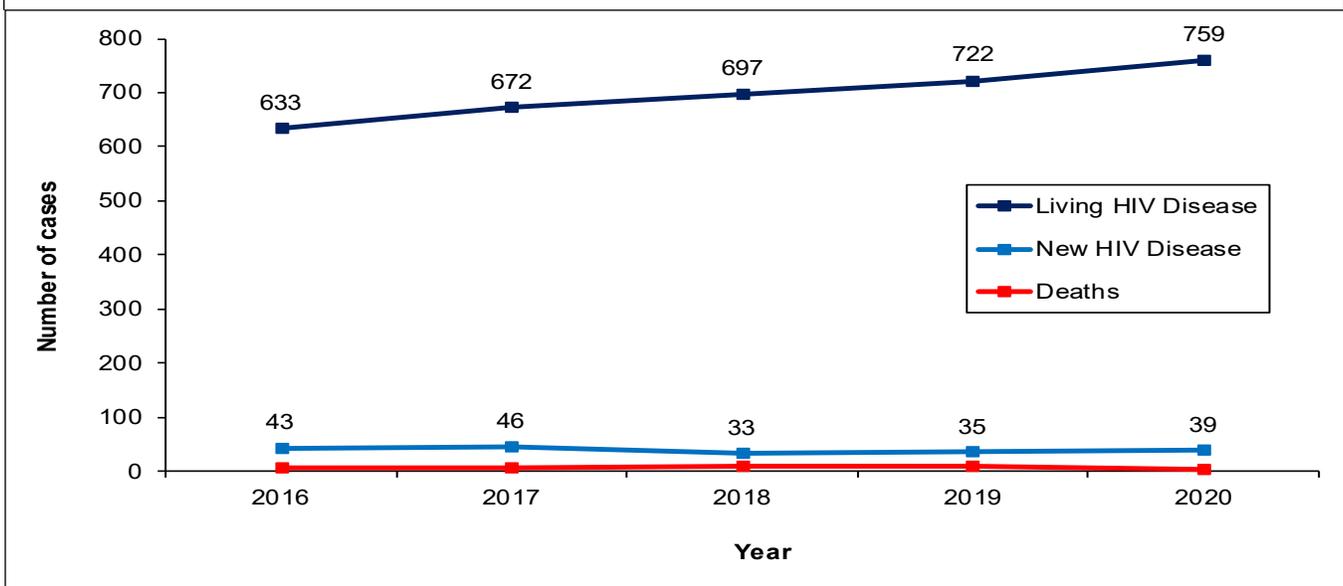


Figure 2. Living and new HIV disease cases and deaths by year*, Central HIV Care Region, 2016—2020

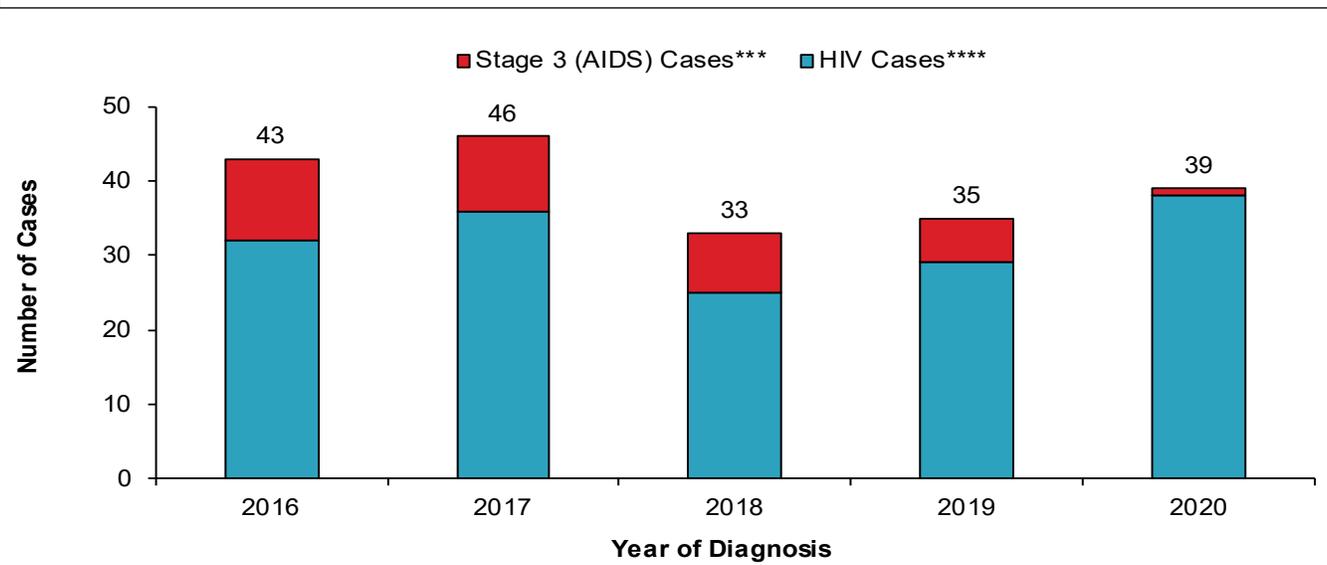


*For living HIV disease cases-the number of individuals living with HIV disease at the end of the year. For new HIV disease cases-the number of individuals newly diagnosed in the year. For HIV disease deaths-the number of individuals that died in the year.

From 1982 to 2020, there have been a total of 1,179 HIV disease cases diagnosed in the Central HIV Care Region and reported to DHSS (Figure 1). Of the cumulative cases reported, 64.4% were still presumed to be living with HIV disease at the end of 2020. Among those living with HIV disease, 428 were classified as HIV cases at the end of 2020 and 331 were classified as stage 3 (AIDS) cases.

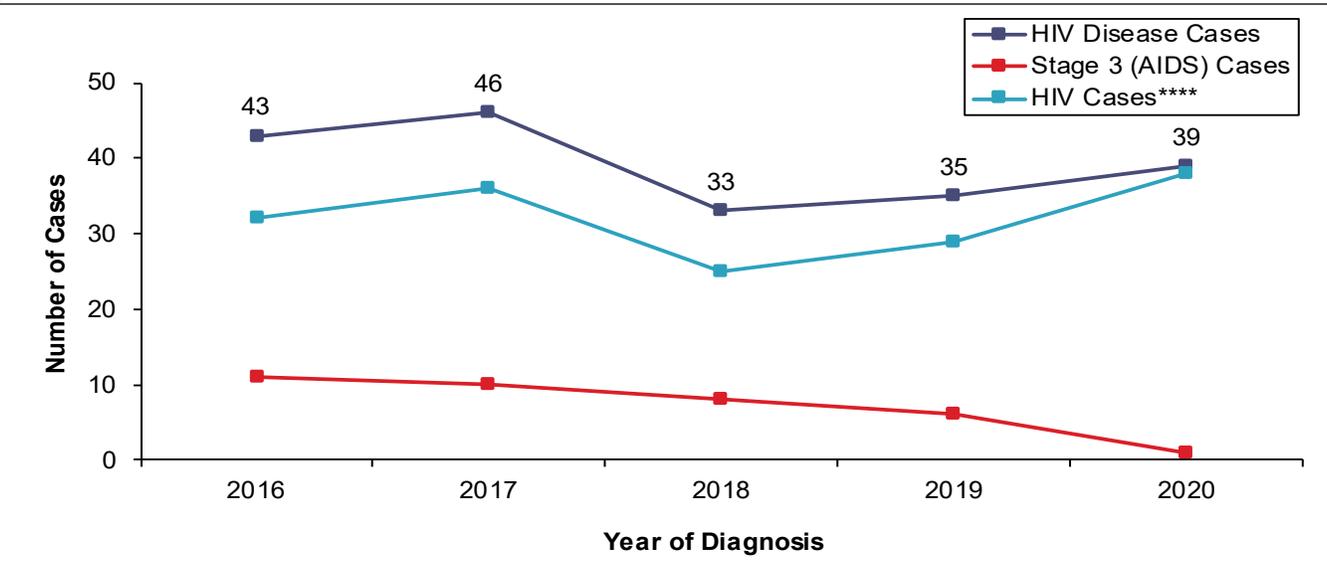
At the end of 2020, there were 759 persons living with HIV disease whose most recent diagnosis occurred in the Central HIV Care Region (Figure 2). The number of people living with HIV disease increased every year from 2016-2020. There were 39 new HIV disease diagnoses in 2020. The number of new diagnoses and the number of deaths among persons with HIV disease has remained generally stable.

Figure 3. HIV disease cases, by current status* and year of diagnosis, Central 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 an 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.

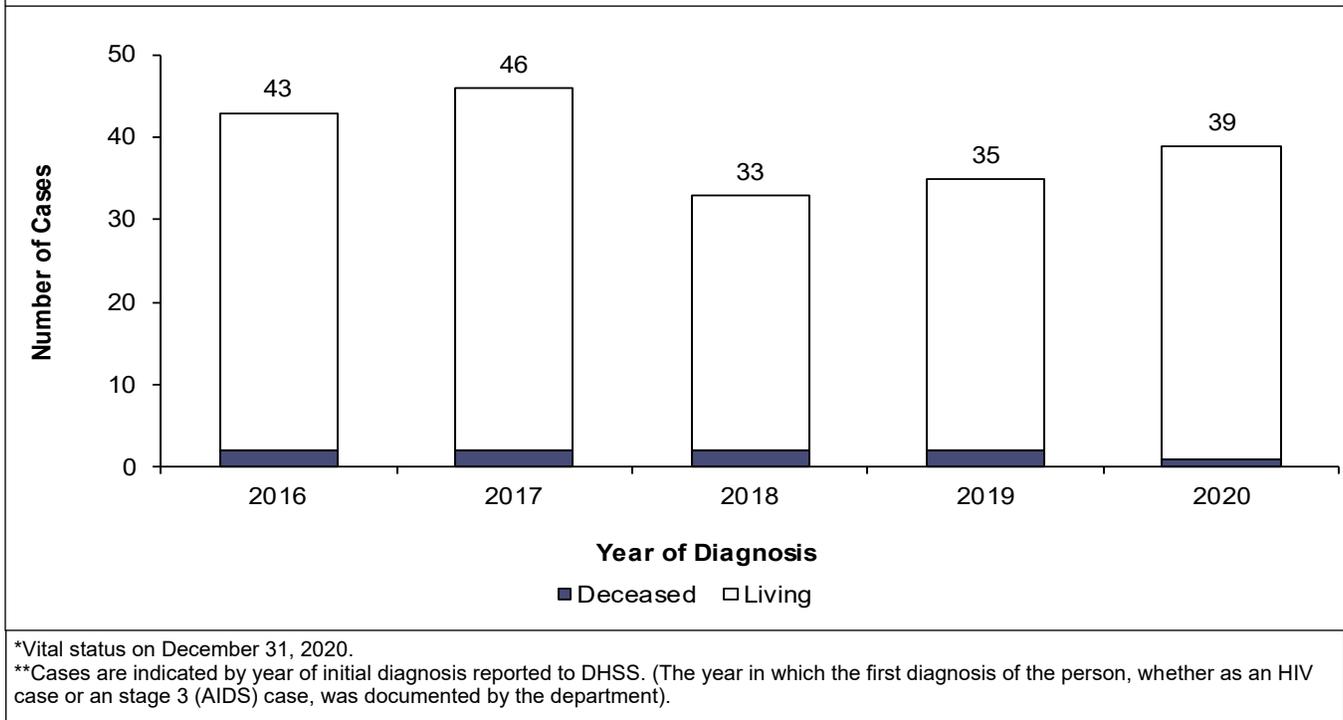
Figure 4. Reported HIV disease cases, by current status* and year of diagnosis, Central HIV Care Region, 2016—2020**



*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 an 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 was generally stable, with slight fluctuations seen from 2016-2020 in the Central HIV Care Region; most notably decreases in 2017 and 2018 and the increases in 2019 and 2020 (Figures 3 and 4). 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, Central HIV Care Region, 2016—2020**



Of the 43 persons diagnosed with HIV disease in 2016, two (4.6%) were deceased by the end of 2020 (Figure 5). Among the 39 persons first diagnosed in 2020, one death have been reported to DHSS. 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, Central HIV Care Region, 2020

	HIV*			Stage 3 (AIDS)**			HIV Disease***		
	Cases	%	Rate****	Cases	%	Rate****	Cases	%	Rate****
PREVALENCE									
Sex									
Male	340	79.4%	77.4	250	75.5%	56.9	590	77.7%	134.4
Female	88	20.6%	19.7	81	24.5%	18.1	169	22.3%	37.8
Total	428	100.0%	48.3	331	100.0%	37.4	759	100.0%	85.7
Race/Ethnicity									
White	282	65.9%	37.2	213	64.4%	28.1	495	65.2%	65.3
Black/African American	103	24.1%	226.3	93	28.1%	204.4	196	25.8%	430.7
Hispanic	21	4.9%	70.7	21	6.3%	70.7	42	5.5%	141.4
Asian/Pacific Islander	5	1.2%	34.7	3	0.9%	20.8	8	1.1%	55.6
American Indian/Alaskan Native	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Two or More Races/Unknown	17	4.0%	--	1	0.3%	--	18	2.4%	--
Total	428	100.0%	48.3	331	100.0%	37.4	759	100.0%	85.7
Race/Ethnicity-Males									
White Male	227	66.8%	60.4	169	67.6%	45.0	396	67.1%	105.4
Black/African American Male	76	22.4%	303.6	62	24.8%	247.7	138	23.4%	551.3
Hispanic Male	20	5.9%	128.8	17	6.8%	109.5	37	6.3%	238.3
Asian/Pacific Islander Male	4	1.2%	59.1	2	0.8%	29.6	6	1.0%	88.7
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	13	3.8%	--	0	0.0%	--	13	2.2%	--
Total	340	100.0%	77.4	250	100.0%	56.9	590	100.0%	134.4
Race/Ethnicity-Females									
White Female	55	62.5%	14.4	44	54.3%	11.5	99	58.6%	25.9
Black/African American Female	27	30.7%	131.9	31	38.3%	151.4	58	34.3%	283.2
Hispanic Female	1	1.1%	7.1	4	4.9%	28.2	5	3.0%	35.3
Asian/Pacific Islander Female	1	1.1%	13.1	1	1.2%	13.1	2	1.2%	26.2
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	4	4.5%	--	1	1.2%	--	5	3.0%	--
Total	88	100.0%	19.7	81	100.0%	18.1	169	100.0%	37.8
Current Age[‡]									
<2	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
2-12	3	0.7%	2.6	1	0.3%	0.9	4	0.5%	3.4
13-18	6	1.4%	9.0	1	0.3%	1.5	7	0.9%	10.5
19-24	27	6.3%	30.0	3	0.9%	3.3	30	4.0%	33.4
25-44	217	50.7%	101.7	67	20.2%	31.4	284	37.4%	133.1
45-64	149	34.8%	67.9	222	67.1%	101.2	371	48.9%	169.1
65+	26	6.1%	16.2	37	11.2%	23.0	63	8.3%	39.2
Total	428	100.0%	48.3	331	100.0%	37.4	759	100.0%	85.7

[†]Includes persons diagnosed with HIV disease in the Central 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, Central HIV Care Region, 2020

	HIV*			Stage 3 (AIDS)**			HIV Disease***		
	Cases	%	Rate****	Cases	%	Rate****	Cases	%	Rate****
Sex									
Male	31	81.6%	7.1	0	0.0%	0.0	31	79.5%	7.1
Female	7	18.4%	1.6	1	100.0%	0.2	8	20.5%	1.8
Total	38	100.0%	4.3	1	100.0%	0.1	39	100.0%	4.4
Race/Ethnicity									
White	22	57.9%	2.9	1	100.0%	0.1	23	59.0%	3.0
Black/African American	6	15.8%	13.2	0	0.0%	0.0	6	15.4%	13.2
Hispanic	1	2.6%	3.4	0	0.0%	0.0	1	2.6%	3.4
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	9	23.7%	--	0	0.0%	--	9	23.1%	--
Total	38	100.0%	4.3	1	100.0%	0.1	39	100.0%	4.4
Race/Ethnicity-Males									
White Male	20	64.5%	5.3	0	0.0%	0.0	20	64.5%	5.3
Black/African American Male	4	12.9%	16.0	0	0.0%	0.0	4	12.9%	16.0
Hispanic Male	1	3.2%	6.4	0	0.0%	0.0	1	3.2%	6.4
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	6	19.4%	--	0	0.0%	--	6	19.4%	--
Total	31	100.0%	7.1	0	0.0%	0.0	31	100.0%	7.1
Race/Ethnicity-Females									
White Female	2	28.6%	0.5	1	100.0%	0.3	3	37.5%	0.8
Black/African American Female	2	28.6%	9.8	0	0.0%	0.0	2	25.0%	9.8
Hispanic Female	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
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	3	42.9%	--	0	0.0%	--	3	37.5%	--
Total	7	100.0%	1.6	1	100.0%	0.2	8	100.0%	1.8
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	2	5.3%	3.0	0	0.0%	0.0	2	5.1%	3.0
19-24	7	18.4%	7.8	0	0.0%	0.0	7	17.9%	7.8
25-44	22	57.9%	10.3	0	0.0%	0.0	22	56.4%	10.3
45-64	7	18.4%	3.2	1	100.0%	0.5	8	20.5%	3.6
65+	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Total	38	100.0%	4.3	1	100.0%	0.1	39	100.0%	4.4

*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 2019 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.

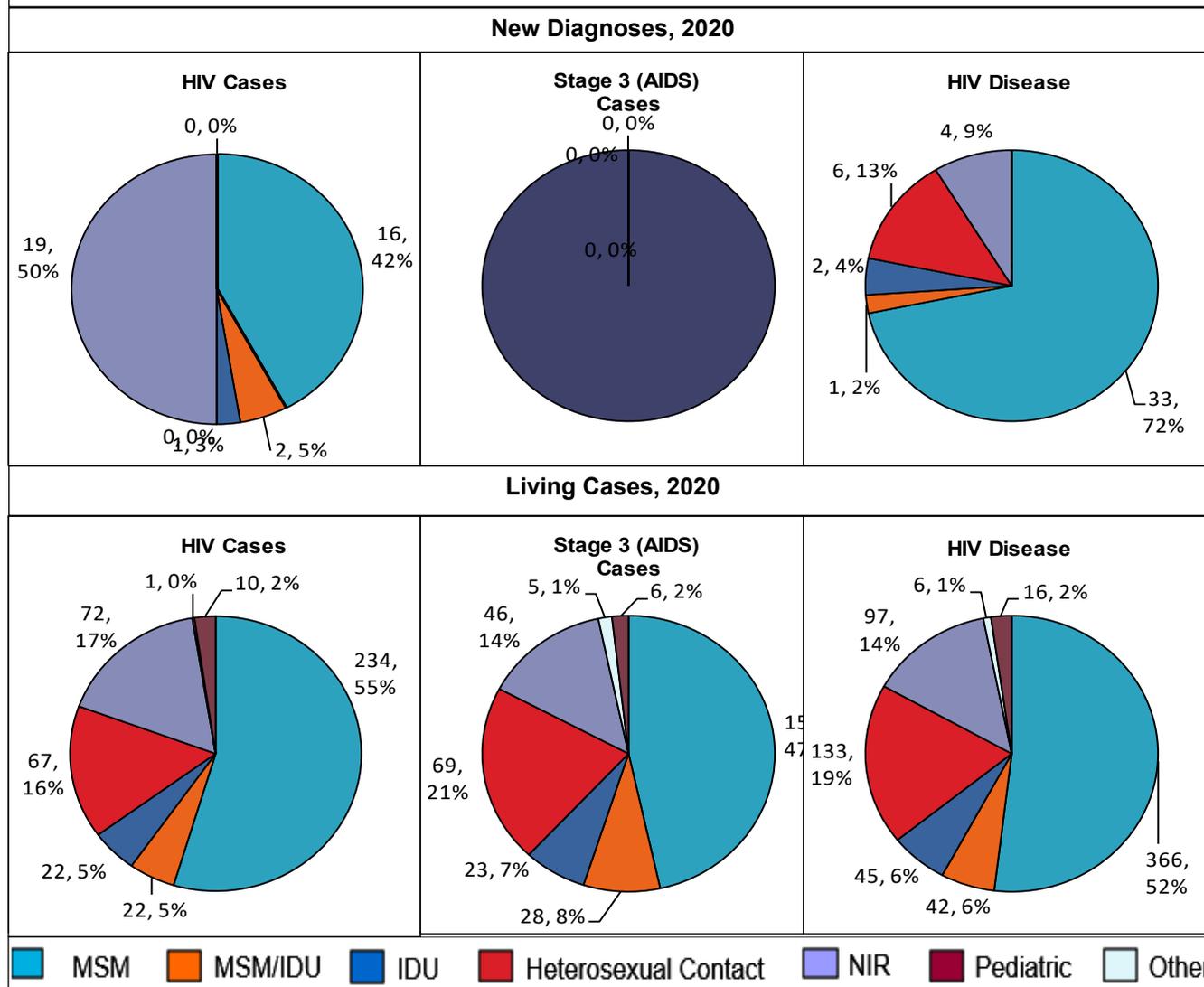
Note: Percentages may not total due to rounding.

Epi Profiles Summary: Central HIV Care Region

Of the 759 persons living with HIV disease at the end of 2020, 77.7% were males (Table 1). The rate of those living with HIV disease was 3.6 times as high among males compared to females. Although whites represented the largest proportion of living HIV disease cases (65.2%), the rate of those living with HIV disease among Blacks/African Americans was 6.6 times as high as the rate among whites. The rate was 2.2 times as high among Hispanics compared to whites. Among males, the rate of living cases was 5.2 times as high among Blacks/African Americans compared to whites, and 2.3 times as high among Hispanics compared to whites. Among females, the rate of those living with HIV disease was 10.9 times as high among Blacks/African Americans compared to whites, and 1.4 times as high among Hispanics compared to whites.

Of the 39 persons newly diagnosed with HIV disease in 2020, 2.5% were classified as stage 3 (AIDS) cases by the end of 2020 (Table 2). Whites represented the majority of all new HIV disease cases.

Figure 6. Diagnosed and living HIV, stage 3 (AIDS), and HIV disease cases by exposure category, Central HIV Care Region, 2020



Newly diagnosed stage 3 (AIDS) cases with a known risk were attributed to MSM, IDU, and heterosexual contact in equal proportion (Figure 6). Among the remaining categories, the largest proportion of cases with a known risk was attributed to MSM. 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, Central 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***
Boone County	14	36.8%	3.9	173	40.4%	48.7	0	0.0%	0.0	127	38.4%	35.7
Cole County	5	13.2%	3.3	61	14.3%	40.2	0	0.0%	0.0	29	8.8%	19.1
Callaway County	2	5.3%	2.3	16	3.7%	18.1	0	0.0%	0.0	11	3.3%	12.4
Marion County	2	5.3%	3.5	12	2.8%	21.3	0	0.0%	0.0	7	2.1%	12.4
Pettis County	6	15.8%	7.2	18	4.2%	21.5	0	0.0%	0.0	19	5.7%	22.7
Gasconade County	0	0.0%	0.0	3	0.7%	10.3	0	0.0%	0.0	4	1.2%	13.7
Remainder of Region	9	23.7%	7.4	145	33.9%	119.8	1	100.0%	0.8	134	40.5%	110.7
CENTRAL HIV CARE REGION TOTAL	38	100.0%	4.3	428	100.0%	48.3	1	100.0%	0.1	331	100.0%	37.4

*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 2014 that progressed to stage 3 (AIDS) in 2020.

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

Note: Percentages may not total due to rounding.

The number of persons newly diagnosed that remained classified as HIV cases at the end of 2020 was greatest in Boone County (14) (Table 3). The number of persons newly diagnosed that progressed to stage 3 (AIDS) by the end of 2020 was the greatest in Boone County (38.4%).

Table 4. Newly diagnosed and living HIV and stage 3 (AIDS) cases in men who have sex with men, by selected race/ethnicity, Central HIV Care Region, 2020

Race/Ethnicity	HIV Cases*				AIDS Cases			
	Newly Diagnosed		Living		Newly Diagnosed**		Living	
	Cases	%	Cases	%	Cases	%	Cases	%
White	13	81.3%	164	70.1%	0	0.0%	115	74.7%
Black/African American	2	12.5%	51	21.8%	0	0.0%	30	19.5%
Hispanic	1	6.3%	16	6.8%	0	0.0%	7	4.5%
Other/Unknown	0	0.0%	3	1.3%	0	0.0%	2	1.3%
CENTRAL HIV CARE REGION TOTAL	16	100.0%	234	100.0%	0	0.0%	154	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, Central HIV Care Region, 2020

Age Group	White		Black/African American		Hispanic		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%**
13-18	2	0.7%	0	0.0%	0	0.0%	2	0.5%
19-24	14	5.0%	7	8.6%	2	8.7%	23	5.9%
25-44	96	34.4%	42	51.9%	11	47.8%	153	39.4%
45-64	145	52.0%	27	8.0%	8	34.8%	180	46.4%
65+	22	7.9%	5	6.2%	2	8.7%	30	7.7%
CENTRAL HIV CARE REGION TOTAL	279	100.0%	81	100.0%	23	100.0%	388	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, Central HIV Care Region, 2020

Geographic Area	White		Black/African American		Hispanic		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%***
Boone County	122	68.5%	40	22.5%	12	6.7%	178	45.9%
Cole County	22	47.8%	21	45.7%	3	6.5%	46	11.9%
Remaining Counties	98	80.3%	17	13.9%	6	4.9%	122	31.4%
CENTRAL HIV CARE REGION TOTAL	279	71.9%	81	20.9%	23	5.9%	388	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 16 new HIV disease diagnoses attributed to MSM in 2020 for the Central HIV Care Region (Table 4). Whites represented the largest number of total new HIV disease diagnoses. There were 388 living HIV disease cases attributed to MSM in the Central HIV Care Region. White MSM represented the greatest proportion among living HIV and stage 3 (AIDS) cases.

The distribution of living HIV disease cases by current age varied by race/ethnicity among MSM (Table 5). Among white MSM living with HIV disease, the greatest proportions were between 45-64 years of age at the end of 2020 (52%). In contrast, the greatest proportions of Black/African American (45.1%) and Hispanic (54.5%) MSM living with HIV disease were between 25-44 years old. There were differences in the distribution of living cases by race/ethnicity among the geographic areas for MSM (Table 6). A greater proportion of MSM living with HIV disease were Black/African American in Cole County (45.7%) compared to Boone County (22.5%) and the remainder of the Central HIV Care Region (13.9%).

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, Central HIV Care Region, 2020

Race/Ethnicity	HIV Cases*				Stage 3 (AIDS) Cases			
	Newly Diagnosed		Living		Newly Diagnosed**		Living	
	Cases	%	Cases	%	Cases	%	Cases	%
White	2	100.0%	20	90.9%	0	--	22	78.6%
Black/African American	0	0.0%	1	4.5%	0	--	3	10.7%
Hispanic	0	0.0%	0	0.0%	0	--	3	10.7%
Other/Unknown	0	0.0%	1	4.5%	0	--	0	0.0%
CENTRAL HIV CARE REGION TOTAL	2	100.0%	22	100.0%	0	--	28	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, Central 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	2	4.8%	0	0.0%	0	0.0%	2	4.0%
25-44	16	38.1%	1	25.0%	2	66.7%	20	40.0%
45-64	22	52.4%	3	75.0%	1	33.3%	26	52.0%
65+	2	4.8%	0	0.0%	0	0.0%	2	4.0%
CENTRAL HIV CARE REGION TOTAL	42	100.0%	4	100.0%	3	100.0%	50	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, Central HIV Care Region, 2020

Geographic Area	Cases	%
Boone County	23	46.0%
Cole County	7	14.0%
Marion County	2	4.0%
Pettis County	4	8.0%
Remaining Counties	14	28.0%
CENTRAL HIV CARE REGION TOTAL	50	100.0%

There were two new HIV disease diagnosis attributed to MSM/IDU in 2020 for the Central HIV Care Region (Table 7). There were 50 MSM/IDU living with HIV disease at the end of 2020 whose most recent diagnosis occurred in the Central HIV Care Region. The largest proportions of both living HIV and stage 3 (AIDS) cases were white.

The distribution of living HIV disease cases by current age varied by race/ethnicity among MSM/IDU (Table 8). The number of living cases among whites and Black/African American was greatest among those 45-64 years of age. Among Hispanics whose infections were attributed to MSM/IDU, the greatest number was between 25-44 years of age, although the number of cases was small (2).

The largest numbers of MSM/IDU living with HIV disease in the Central HIV Care Region were most recently diagnosed in Boone County (23) (Table 9).

Table 10. Newly diagnosed and living HIV and stage 3 (AIDS) cases in injecting drug users, by selected race/ethnicity and sex, Central 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	1	100.0%	11	50.0%	0	--	8	34.8%
Black/African American Male	0	0.0%	0	0.0%	0	--	6	26.1%
Hispanic Male	0	0.0%	0	0.0%	0	--	2	8.7%
White Female	0	0.0%	9	40.9%	0	--	5	21.7%
Black/African American Female	0	0.0%	2	9.1%	0	--	2	8.7%
Hispanic Female	0	0.0%	0	0.0%	0	--	0	0.0%
CENTRAL HIV CARE REGION TOTAL[†]	1	100.0%	22	100.0%	0	--	23	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, Central 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	4	21.1%	0	0.0%	8	57.1%	1	25.0%	14	31.1%
45-64	14	73.7%	6	100.0%	5	35.7%	3	75.0%	29	64.4%
65+	1	5.3%	0	0.0%	1	7.1%	0	0.0%	2	4.4%
CENTRAL HIV CARE REGION TOTAL	19	100.0%	6	100.0%	14	100.0%	4	100.0%	45	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, Central HIV Care Region, 2020

Geographic Area	Cases	%
Boone County	11	24.4%
Cole County	2	4.4%
Marion County	2	4.4%
Pettis County	4	8.9%
Remaining Counties	24	53.3%
CENTRAL HIV CARE REGION TOTAL	45	100.0%

There was one new HIV disease diagnoses attributed to IDU in 2020 for the Central HIV Care Region (Table 10). There were 45 living HIV disease cases attributed to IDU at the end of 2020 in the Central HIV Care Region. Of persons living with HIV disease, 51% were classified as stage 3 (AIDS) at the end of 2020. The largest proportion of both living HIV and stage 3 (AIDS) cases were white males (50%, 34.8% respectively).

Overall, the largest numbers of persons living with HIV disease among IDU in the Central HIV Care Region were between 45-64 years of age at the end of 2020 (21) (Table 11).

The largest numbers of IDU living with HIV disease in the Central HIV Care Region were most recently diagnosed in the Boone County (11) (Table 12).

Table 13. Newly diagnosed and living HIV and stage 3 (AIDS) cases in heterosexual contacts, by selected race/ethnicity and sex, Central 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%	9	13.6%	0	0.0%	3	4.3%
Black/African American Male	0	0.0%	6	9.1%	0	0.0%	11	15.9%
Hispanic Male	0	0.0%	0	0.0%	0	0.0%	0	0.0%
White Female	0	0.0%	36	54.5%	0	0.0%	34	49.3%
Black/African American Female	0	0.0%	11	16.7%	0	0.0%	17	24.6%
Hispanic Female	0	0.0%	1	1.5%	0	0.0%	3	4.3%
CENTRAL HIV CARE REGION TOTAL[†]	0	0.0%	66	100.0%	0	0.0%	69	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 14. Living HIV disease cases in heterosexual contacts, by selected race/ethnicity and sex, by current age group, Central 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	3	25.0%	2	11.8%	27	38.6%	9	32.1%	44	32.4%
45-64	7	58.3%	13	76.5%	34	48.6%	15	53.6%	75	55.1%
65+	2	16.7%	2	11.8%	9	12.9%	4	14.3%	17	12.5%
CENTRAL HIV CARE REGION TOTAL	12	100.0%	17	100.0%	70	100.0%	28	100.0%	136	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, Central HIV Care Region, 2020

Geographic Area	White		Black/African American		Hispanic		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%***
Boone County	21	53.8%	16	41.0%	1	2.6%	39	28.7%
Cole County	7	36.8%	11	57.9%	0	0.0%	19	14.0%
Remaining Counties	46	74.2%	12	19.4%	2	3.2%	62	45.6%
CENTRAL HIV CARE REGION TOTAL	82	60.3%	45	33.1%	4	2.9%	136	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 no new HIV disease diagnoses attributed to heterosexual contact in 2020 for the Central HIV Care Region (Table 13). There were 136 persons living with HIV disease attributed to heterosexual contact at the end of 2020 in the Central HIV Care Region. White females represented the largest proportion of both living HIV and stage 3 (AIDS) cases among heterosexual contact cases.

At the end of 2020, the number of heterosexual contact cases living with HIV disease was greatest among those between 45-64 years of age (Table 14).

There were differences in the distribution of persons living with HIV disease by race/ethnicity among the geographic areas for heterosexual contact cases (Table 15). In Boone and Cole County white heterosexual contact cases comprised a larger proportion of persons living with HIV disease compared to the remainder of the region.

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

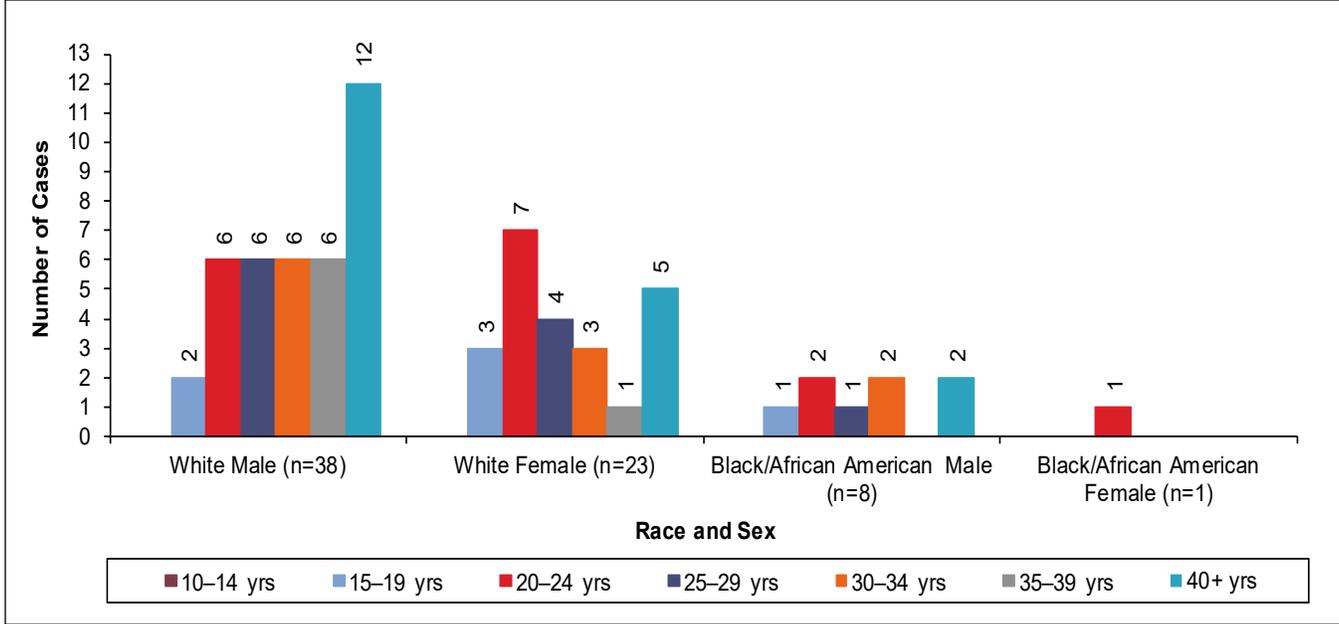
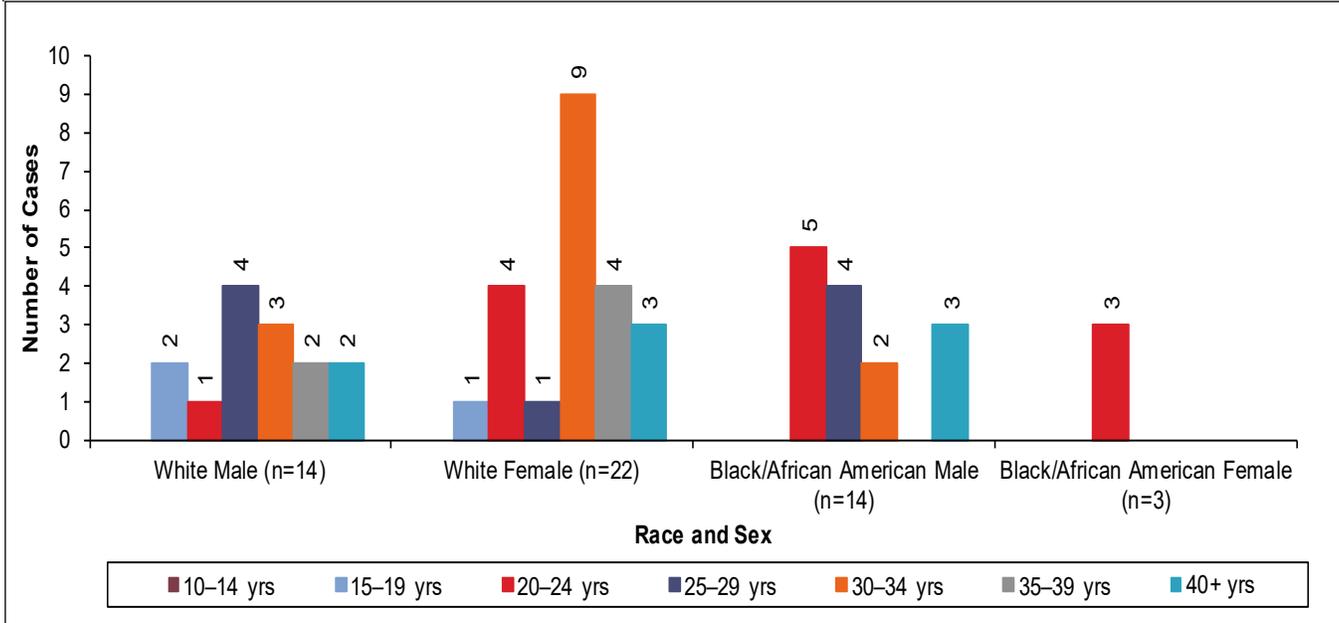


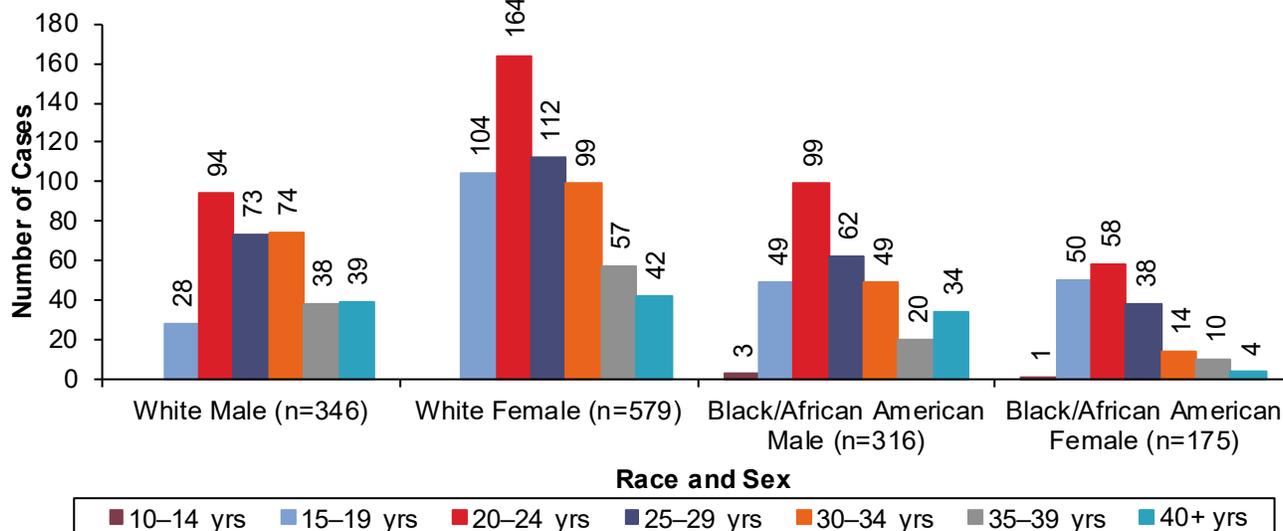
Figure 8. Reported early latent syphilis cases, by race and sex, by age group at diagnosis, Central HIV Care Region, 2020



In the Central HIV Care Region, there were 70 P&S syphilis cases reported in 2020. The largest number of reported P&S syphilis cases were reported among white males (38) followed by white females (23) in 2020. (Figure 7).

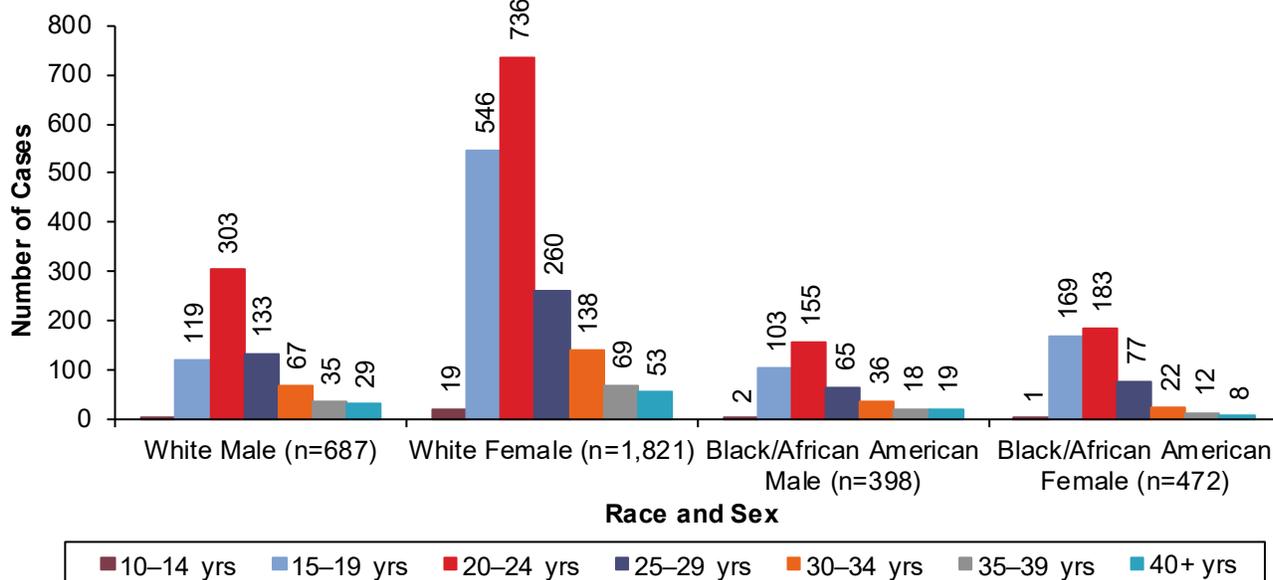
In Central HIV Care Region, there were 53 reported early latent syphilis cases in 2020. The number of reported early latent syphilis cases increased in 2020 among white females (22), Black/African American males (14), and white males (14) (Figure 8).

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

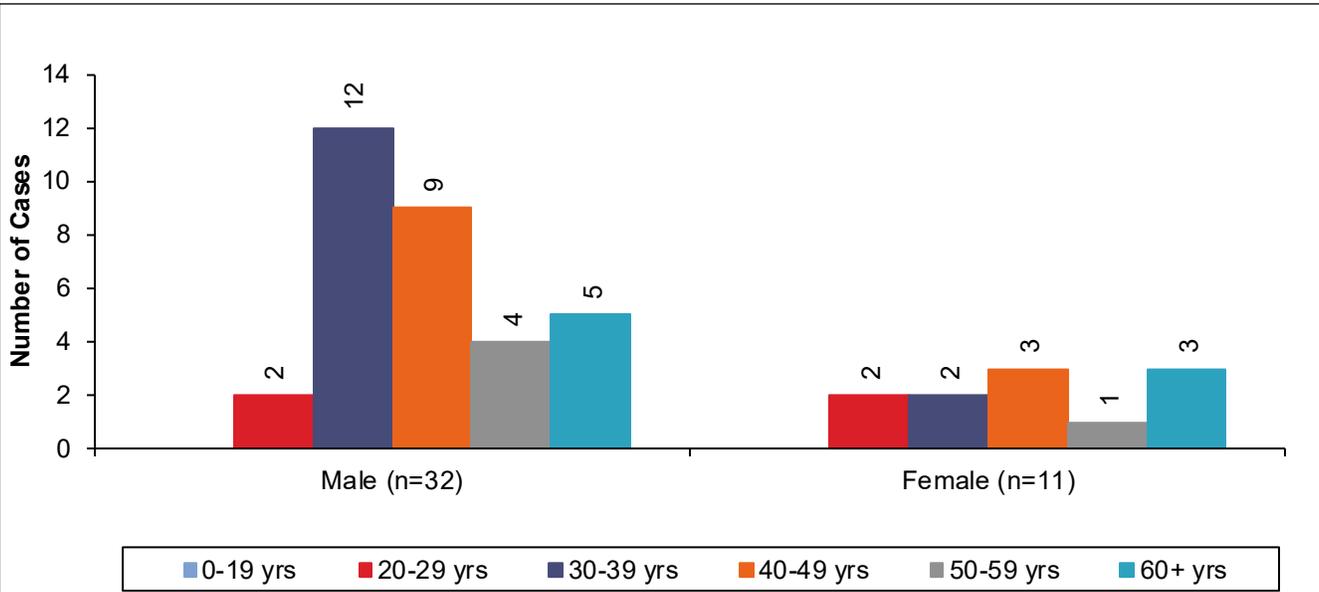


Note: Totals include persons diagnosed at <10 years of age or whose age at diagnosis is unknown.

The largest number of gonorrhea cases was reported among white females (579) followed by white males (346) (Figure 9). The largest number of reported cases was diagnosed between 20-24 years of age among all race/ethnicity and sex categories presented.

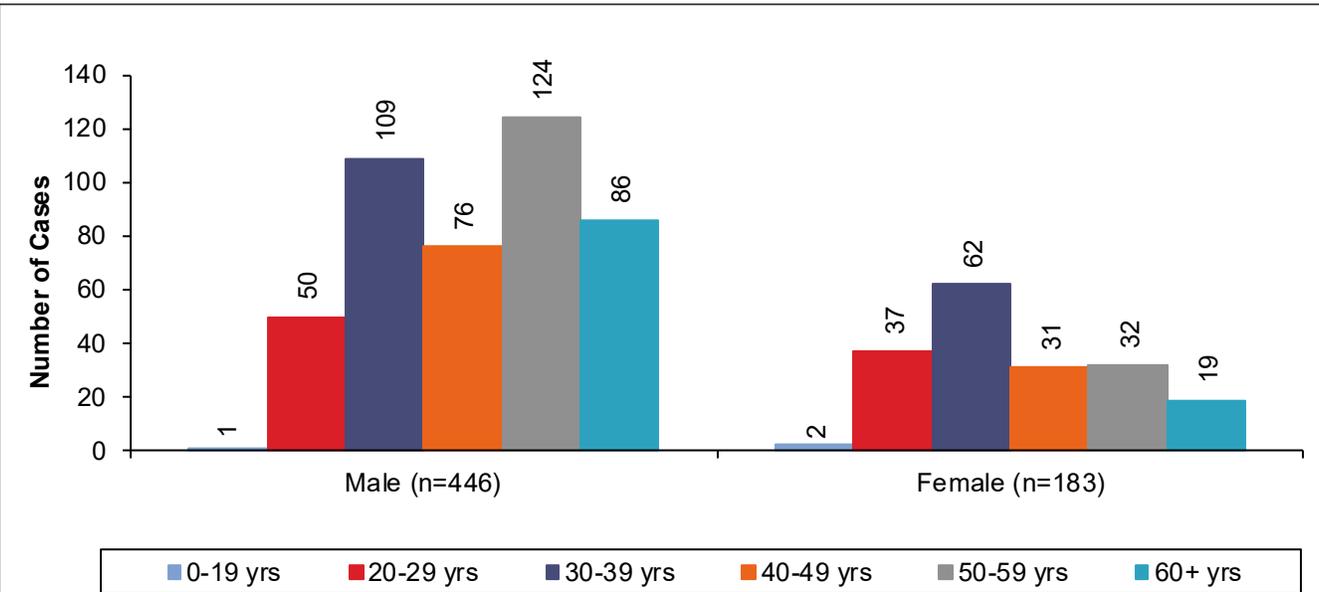
The largest number of chlamydia cases was reported among white females (1,821) followed by white males (687) (Figure 10). The largest number of reported cases was diagnosed between 20-24 years of age among all race/ethnicity and sex categories presented.

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



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

There were 43 reported cases of hepatitis B in the Central HIV Care Region during 2020 (Figure 11). Males represented 74.4% of reported hepatitis B cases. There were differences in the age distribution of reported hepatitis B cases by sex. Among males, the highest proportion of cases was 30-39 year olds. Among females, the highest proportion of cases was between 40-49 year olds.

In 2020, there were 629 hepatitis C cases reported in the Central HIV Care Region (Figure 12). Of the reported hepatitis C cases, 70.9% were male. There were differences in the age distribution of reported hepatitis C cases among males and females. Among males, the largest numbers of cases were reported among persons 50-59 years and older at age of diagnosis. Among females, the largest numbers of cases were reported among persons 30-39 years of age at diagnosis.

