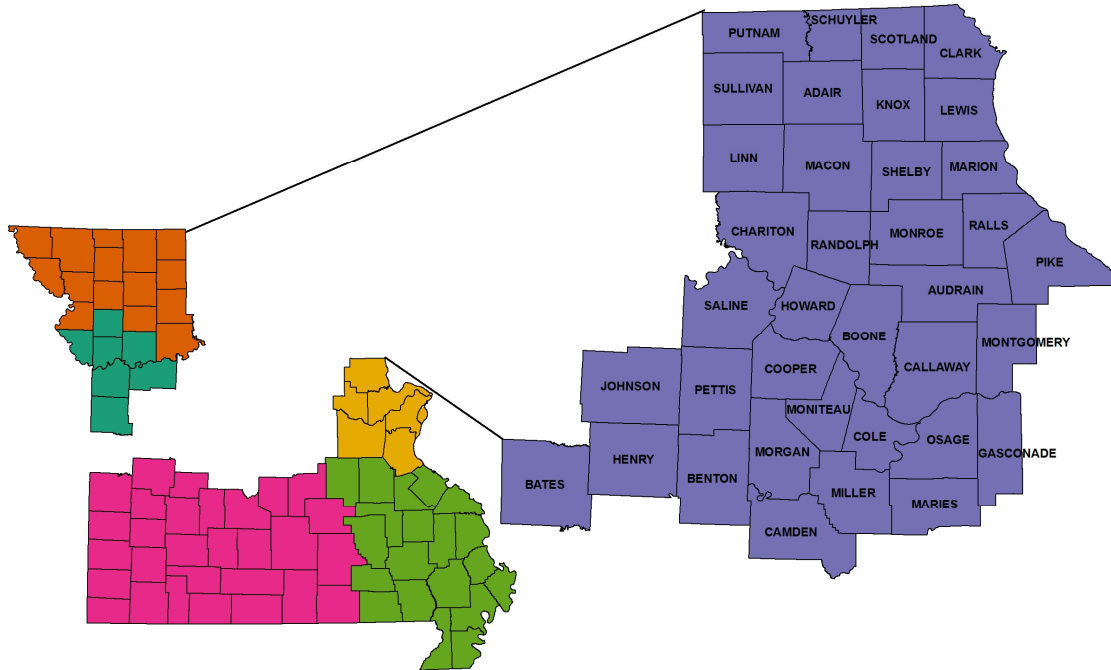


CENTRAL HIV CARE REGION



Population Counts, Central HIV Care Region, 2020

County	White		Black/African American		Hispanic		Asian/Pacific Islander		American Indian/Alaskan Native		Total
	Count	%	Count	%	Count	%	Count	%	Count	%	
Adair County	22,836	89.9%	1076	4.2%	668	2.6%	737	2.9%	82	0.3%	25,399
Audrain County	21,934	88.3%	1776	7.2%	830	3.3%	173	0.7%	122	0.5%	24,835
Bates County	15,351	94.5%	276	1.7%	420	2.6%	66	0.4%	129	0.8%	16,242
Benton County	18,729	95.4%	190	1.0%	433	2.2%	106	0.5%	169	0.9%	19,627
Boone County	145,700	79.6%	20144	11.0%	6,594	3.6%	9,786	5.3%	767	0.4%	182,991
Callaway County	40,778	90.8%	2442	5.4%	999	2.2%	384	0.9%	284	0.6%	44,887
Camden County	43,943	94.7%	441	1.0%	1,390	3.0%	327	0.7%	313	0.7%	46,414
Chariton County	7,014	95.3%	224	3.0%	74	1.0%	17	0.2%	31	0.4%	7,360
Clark County	6,666	97.6%	65	1.0%	58	0.8%	28	0.4%	13	0.2%	6,830
Cole County	62,829	82.5%	9619	12.6%	2,247	2.9%	1,189	1.6%	307	0.4%	76,191
Cooper County	15,367	89.9%	1169	6.8%	348	2.0%	129	0.8%	89	0.5%	17,102
Gasconade County	14,052	96.5%	149	1.0%	250	1.7%	68	0.5%	47	0.3%	14,566
Henry County	20,839	94.4%	370	1.7%	572	2.6%	115	0.5%	180	0.8%	22,076
Howard County	9,111	91.1%	582	5.8%	191	1.9%	50	0.5%	67	0.7%	10,001
Johnson County	46,909	86.5%	2955	5.5%	2,766	5.1%	1,195	2.2%	394	0.7%	54,219
Knox County	3,819	96.9%	43	1.1%	47	1.2%	18	0.5%	13	0.3%	3,940
Lewis County	9,164	93.4%	362	3.7%	191	1.9%	49	0.5%	44	0.4%	9,810
Linn County	11,263	95.2%	174	1.5%	324	2.7%	38	0.3%	31	0.3%	11,830
Macon County	14,195	94.0%	475	3.1%	246	1.6%	134	0.9%	45	0.3%	15,095
Maries County	8,443	96.0%	104	1.2%	145	1.6%	39	0.4%	64	0.7%	8,795
Marion County	25,897	91.1%	1668	5.9%	553	1.9%	229	0.8%	76	0.3%	28,423
Miller County	24,674	95.7%	260	1.0%	524	2.0%	164	0.6%	169	0.7%	25,791
Moniteau County	14,109	90.5%	488	3.1%	848	5.4%	74	0.5%	66	0.4%	15,585
Monroe County	8,130	93.8%	318	3.7%	143	1.6%	39	0.4%	42	0.5%	8,672
Montgomery County	10,657	94.4%	261	2.3%	279	2.5%	67	0.6%	30	0.3%	11,294
Morgan County	19,714	95.2%	232	1.1%	497	2.4%	109	0.5%	164	0.8%	20,716
Osage County	13,224	97.7%	93	0.7%	135	1.0%	31	0.2%	52	0.4%	13,535
Pettis County	36,069	84.9%	1835	4.3%	3,899	9.2%	512	1.2%	175	0.4%	42,490
Pike County	15,861	90.4%	1149	6.5%	412	2.3%	83	0.5%	47	0.3%	17,552
Putnam County	4,488	95.7%	31	0.7%	132	2.8%	28	0.6%	9	0.2%	4,688
Ralls County	9,878	95.9%	187	1.8%	154	1.5%	55	0.5%	25	0.2%	10,299
Randolph County	21,925	89.8%	1647	6.7%	534	2.2%	183	0.7%	120	0.5%	24,409
Saline County	18,214	79.7%	1403	6.1%	2,600	11.4%	548	2.4%	93	0.4%	22,858
Schuyler County	4,406	97.2%	38	0.8%	62	1.4%	19	0.4%	9	0.2%	4,534
Scotland County	4,753	97.6%	29	0.6%	57	1.2%	13	0.3%	19	0.4%	4,871
Shelby County	5,623	95.0%	110	1.9%	149	2.5%	16	0.3%	21	0.4%	5,919
Sullivan County	4,652	77.1%	190	3.1%	1,133	18.8%	24	0.4%	34	0.6%	6,033
Region Total	781,216	88.2%	52,575	5.9%	30,904	3.5%	16,842	1.9%	4,342	0.5%	885,879

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

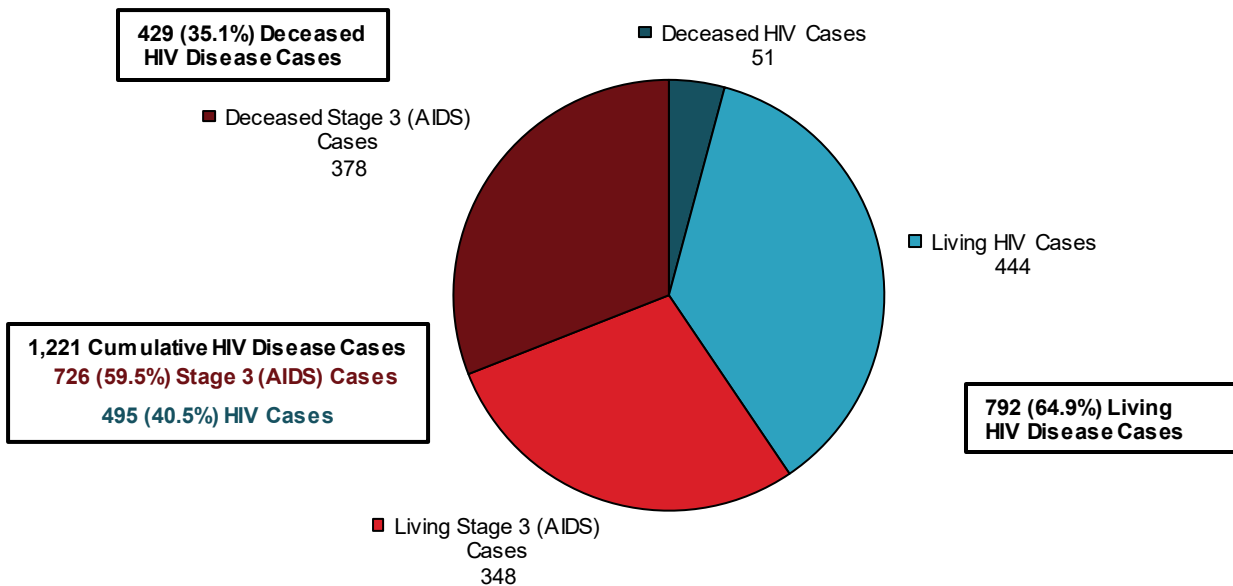
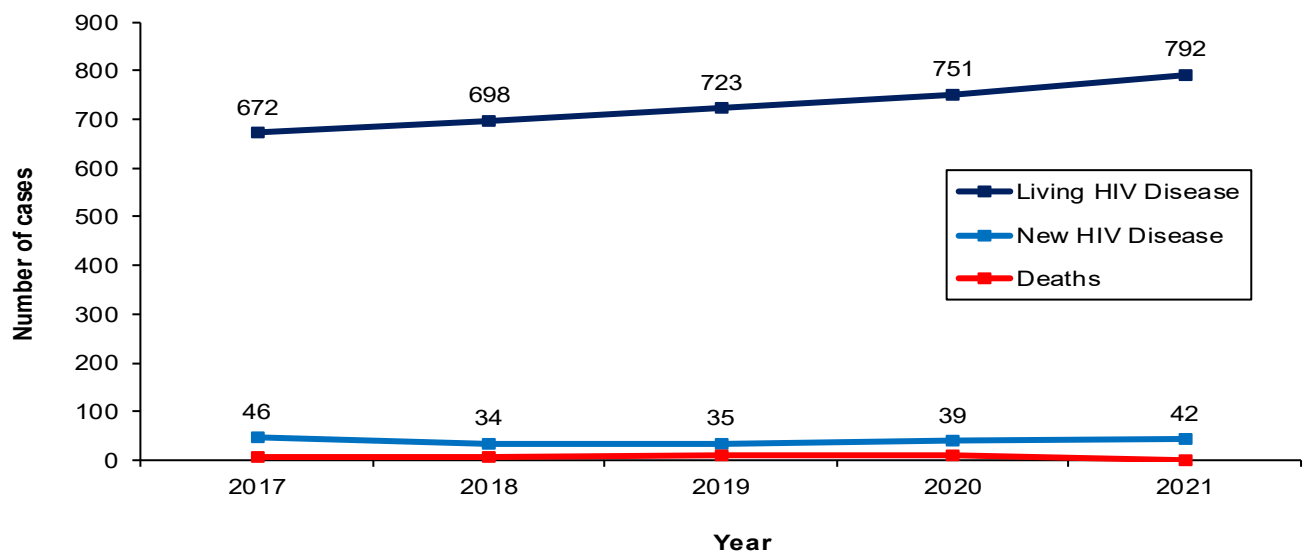


Figure 2. Living and new HIV disease cases and deaths by year*, Central HIV Care Region, 2017—2021

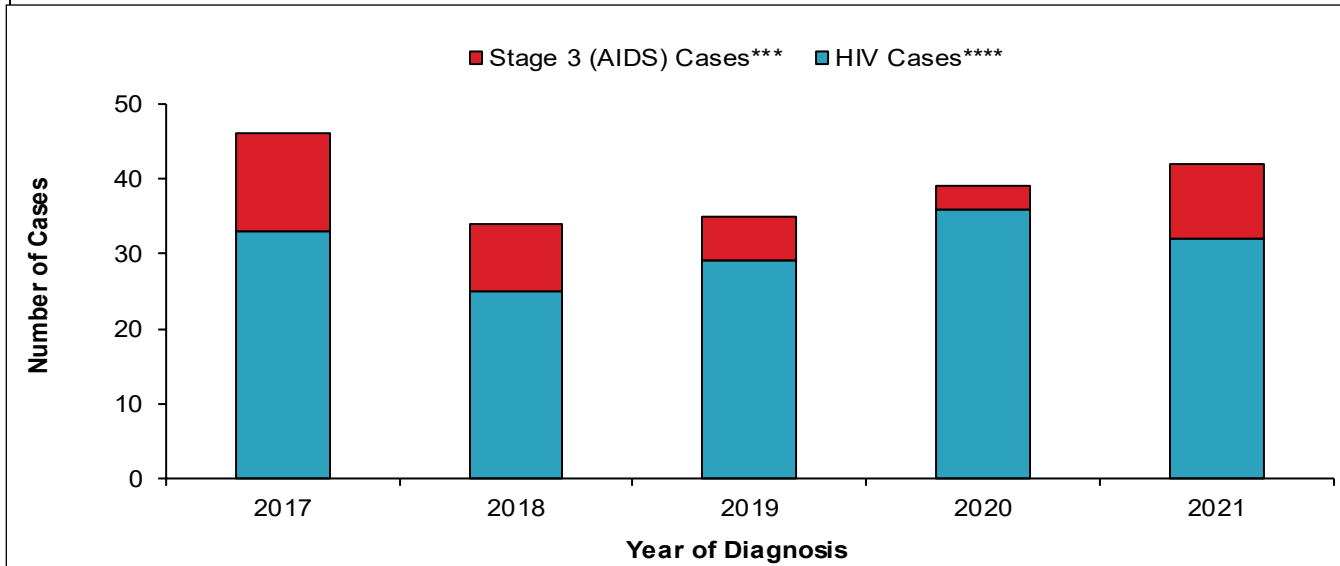


*For living HIV disease cases-the number of individuals living with HIV disease at the end of the year. For new HIV disease cases-the number of individuals newly diagnosed in the year. For HIV disease deaths-the number of individuals that died in the year.

From 1982 to 2021, there have been a total 1,221 of HIV disease cases diagnosed in the Central HIV Care Region and reported to DHSS (Figure 1). Of the cumulative cases reported, 64.9% were still presumed to be living with HIV disease at the end of 2021. Among those living with HIV disease, 495 were classified as HIV cases at the end of 2021 and 726 were classified as stage 3 (AIDS) cases.

At the end of 2021, there were 792 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 2017-2021. There were 42 new HIV disease diagnoses in 2021. 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, 2017—2021**



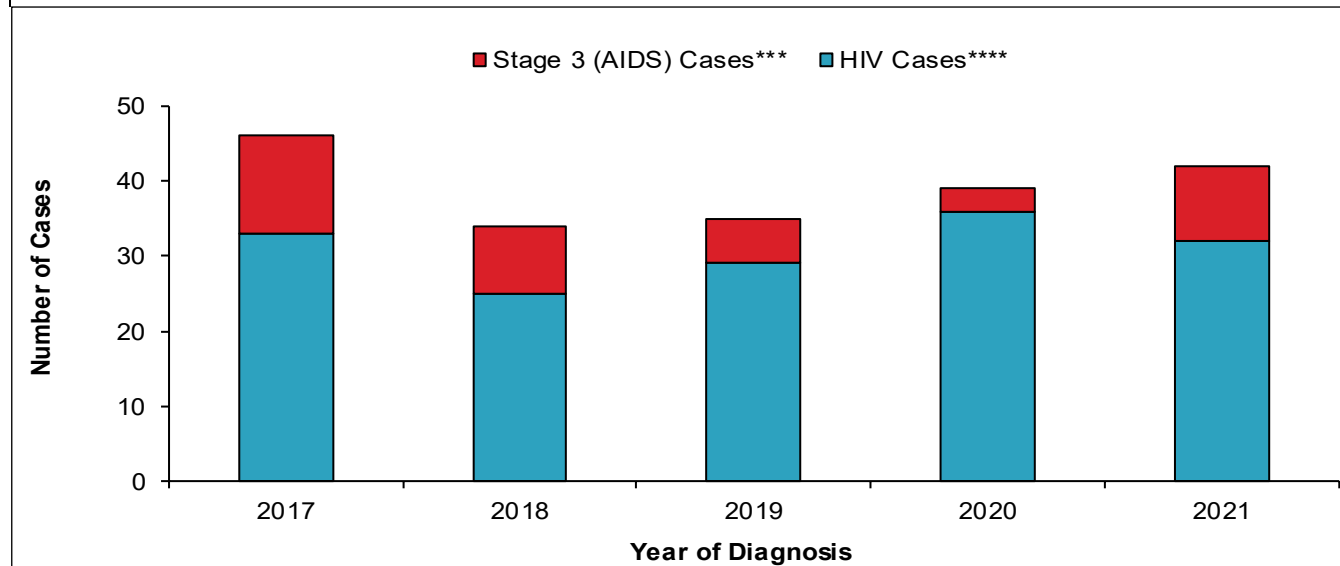
*HIV case vs. stage 3 (AIDS) case

**Cases are indicated by year of initial diagnosis reported to DHSS. (The year in which the first diagnosis of the person, whether as 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, 2021.

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



*HIV case vs. stage 3 (AIDS) case

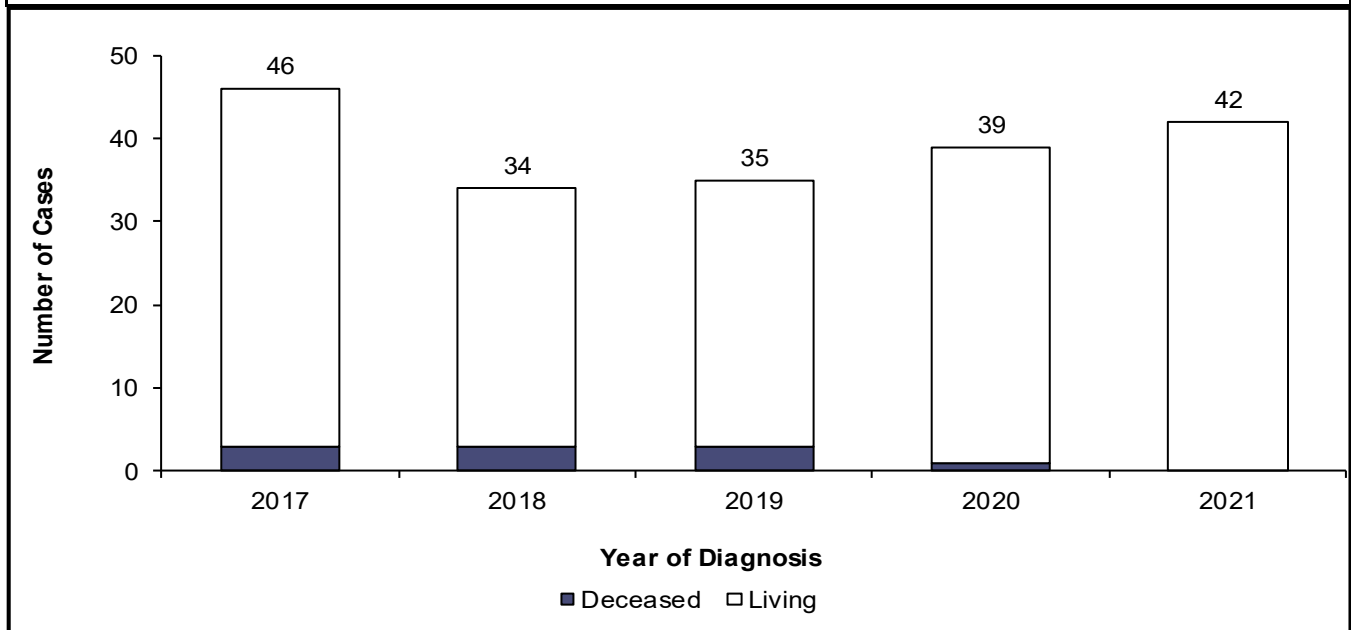
**Cases are indicated by year of initial diagnosis reported to DHSS. (The year in which the first diagnosis of the person, whether as an HIV case or a stage 3 (AIDS) case, was documented by the department).

***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, 2021.

The number of new diagnoses was generally stable, with slight fluctuations seen from 2017-2021 in the Central HIV Care Region; most notably decreases in 2018 and increasing slightly until 2021 (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, 2017—2021**



*Vital status on December 31, 2021.

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

Of the 46 persons diagnosed with HIV disease in 2017, three were deceased by the end of 2021 (Figure 5). Among the 42 persons first diagnosed in 2021, zero deaths 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.

Epi Profiles Summary: Central HIV Care Region

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, 2021									
	HIV*			Stage 3 (AIDS)**			HIV Disease***		
	Cases	%	Rate****	Cases	%	Rate****	Cases	%	Rate****
Sex									
Male	360	81.1%	81.7	265	76.1%	60.1	625	78.9%	141.8
Female	84	18.9%	18.9	83	23.9%	18.6	167	21.1%	37.5
Total	444	100.0%	50.1	348	100.0%	39.3	792	100.0%	89.4
Race/Ethnicity									
White	296	67.6%	37.9	227	65.6%	29.1	523	66.7%	66.9
Black/African American	111	25.3%	211.1	95	27.5%	180.7	206	26.3%	391.8
Hispanic	26	5.9%	84.1	21	6.1%	68.0	47	6.0%	152.1
Asian/Pacific Islander	5	1.1%	29.7	3	0.9%	17.8	8	1.0%	47.5
American Indian/Alaskan Native	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Total	438	100.0%	49.4	346	100.0%	39.1	784	100.0%	88.5
Race/Ethnicity-Males									
White Male	242	68.4%	62.7	181	68.6%	46.9	423	68.4%	109.5
Black/African American Male	83	23.4%	293.7	63	23.9%	223.0	146	23.6%	516.7
Hispanic Male	25	7.1%	155.5	18	6.8%	112.0	43	7.0%	267.5
Asian/Pacific Islander Male	4	1.1%	49.5	2	0.8%	24.8	6	1.0%	74.3
American Indian/Alaskan Native Male	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Total	354	100.0%	80.3	264	100.0%	59.9	618	100.0%	140.2
Race/Ethnicity-Females									
White Female	54	64.3%	13.7	46	56.1%	11.6	100	60.2%	25.3
Black/African American Female	28	33.3%	115.1	32	39.0%	131.6	60	36.1%	246.7
Hispanic Female	1	1.2%	6.7	3	3.7%	20.2	4	2.4%	27.0
Asian/Pacific Islander Female	1	1.2%	11.4	1	1.2%	11.4	2	1.2%	22.8
American Indian/Alaskan Native Female	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Total	84	100.0%	18.9	82	100.0%	18.4	166	100.0%	37.3
Current Age[‡]									
<2	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
2-12	3	0.7%	0.4	1	0.3%	0.1	4	0.5%	0.5
13-18	5	1.1%	1.1	1	0.3%	0.2	6	0.8%	1.3
19-24	27	6.1%	5.6	2	0.6%	0.4	29	3.7%	6.0
25-44	230	51.8%	14.5	73	21.0%	4.6	303	38.3%	19.1
45-64	153	34.5%	9.9	224	64.4%	14.5	377	47.6%	24.4
65+	26	5.9%	2.4	47	13.5%	4.3	73	9.2%	6.7
Total	444	100.0%	7.2	348	100.0%	5.7	792	100.0%	12.9
[†] 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 2021. ^{**} Cases classified as stage 3 (AIDS) by December 31, 2021. ^{***} The sum of HIV cases and stage 3 (AIDS) cases. ^{****} Per 100,000 population based on 2020 DHSS estimates. [‡] Based on age as of December 31, 2021 Note: Percentages may not total due to rounding.									

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

	HIV*			Stage 3 (AIDS)**			HIV Disease***		
	Cases	%	Rate****	Cases	%	Rate****	Cases	%	Rate****
Sex									
Male	30	93.8%	6.8	8	80.0%	1.8	38	90.5%	8.6
Female	2	6.3%	0.4	2	20.0%	0.4	4	9.5%	0.9
Total	32	100.0%	3.6	10	100.0%	1.1	42	100.0%	4.7
Race/Ethnicity									
White	16	50.0%	2.0	8	80.0%	1.0	24	57.1%	3.1
Black/African American	12	37.5%	22.8	0	0.0%	0.0	12	28.6%	22.8
Hispanic	3	9.4%	9.7	1	10.0%	3.2	4	9.5%	12.9
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	1	3.1%	--	1	10.0%	--	2	4.8%	--
Total	32	100.0%	3.6	10	100.0%	1.1	42	100.0%	4.7
Race/Ethnicity-Males									
White Male	15	50.0%	3.9	6	0.0%	1.6	21	55.3%	5.4
Black/African American Male	11	36.7%	38.9	0	0.0%	0.0	11	28.9%	38.9
Hispanic Male	3	10.0%	18.7	1	0.0%	6.2	4	10.5%	24.9
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	1	3.3%	--	1	0.0%	--	2	5.3%	--
Total	30	100.0%	6.8	8	0.0%	1.8	38	100.0%	8.6
Race/Ethnicity-Females									
White Female	1	50.0%	0.3	2	100.0%	0.5	3	75.0%	0.8
Black/African American Female	1	50.0%	4.1	0	0.0%	0.0	1	25.0%	4.1
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	0	0.0%	--	0	0.0%	--	0	0.0%	--
Total	2	100.0%	0.4	2	100.0%	0.4	4	100.0%	0.9
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	7	21.9%	1.4	0	0.0%	0.0	7	16.7%	1.4
25-44	20	62.5%	1.3	6	60.0%	0.4	26	61.9%	1.6
45-64	4	12.5%	0.3	4	40.0%	0.3	8	19.0%	0.5
65+	1	3.1%	0.1	0	0.0%	0.0	1	2.4%	0.1
Total	32	100.0%	0.5	10	100.0%	0.2	42	100.0%	0.7

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

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

***The sum of newly diagnosed HIV cases and newly diagnosed stage 3 (AIDS) cases. Does not include cases diagnosed prior to 2020 with HIV, which progressed to stage 3 (AIDS) in 2021.

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

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

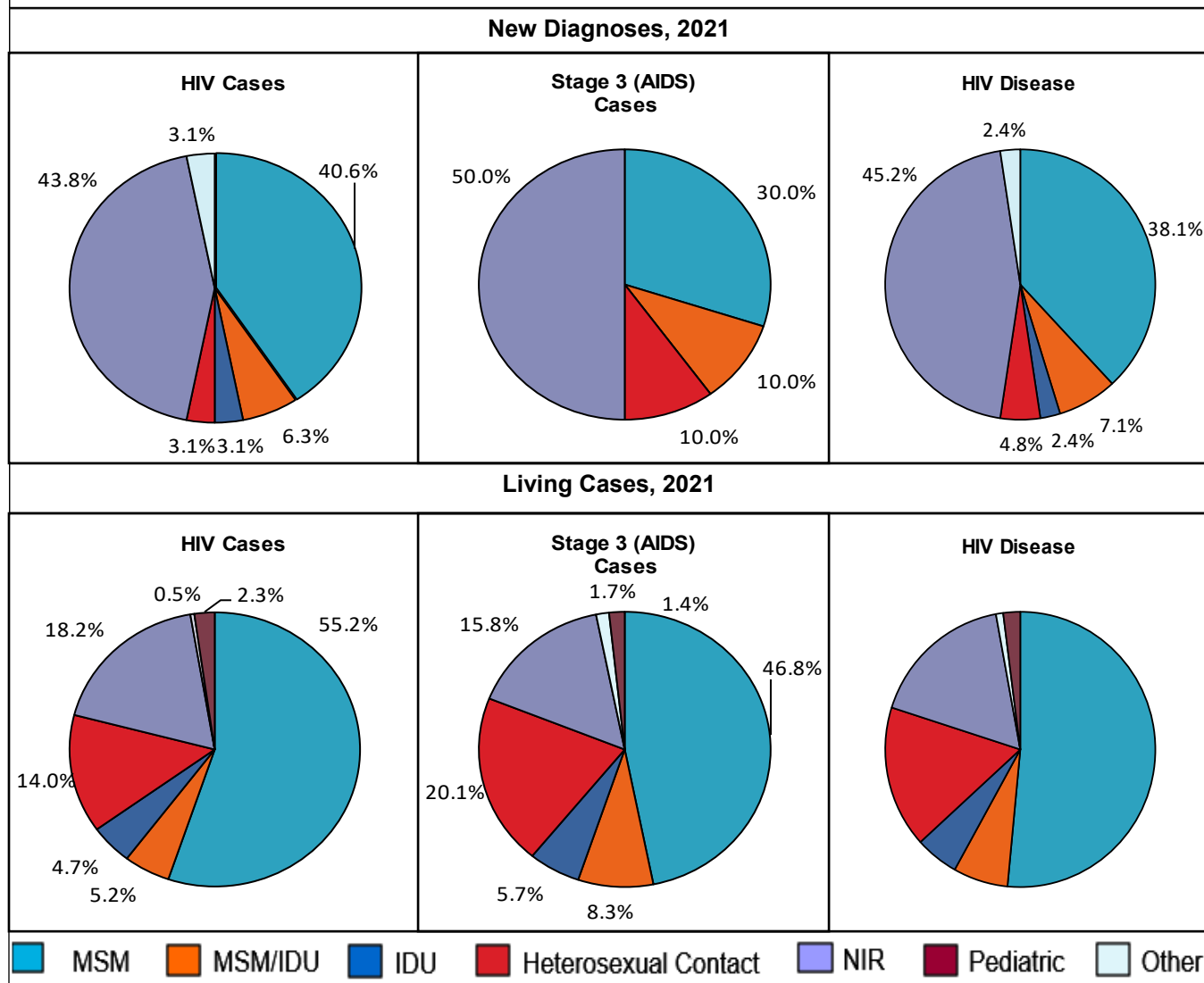
Note: Percentages may not total due to rounding.

Epi Profiles Summary: Central HIV Care Region

Of the 792 persons living with HIV disease at the end of 2021, 78.9% were males (Table 1). The rate of those living with HIV disease was 3.8 times as high among males compared to females. Although whites represented the largest proportion of living HIV disease cases (66.7%), the rate of those living with HIV disease among Black/African Americans was 4.7 times as high as the rate among whites. The rate was 2.4 times as high among Hispanics compared to whites. Among males, the rate of living cases was 4.7 times as high among Black/African Americans compared to whites, and 2.4 times as high among Hispanics compared to whites. Among females, the rate of those living with HIV disease was 9.8 times as high among Black/African Americans compared to whites, and 1.1 times as high among Hispanics compared to whites. The largest proportion of those living with HIV were between the ages of 45 to 64 years old.

Of the 42 persons newly diagnosed with HIV disease in 2021, 24% were classified as stage 3 (AIDS) cases by the end of 2021 (Table 2). The rate of those newly diagnosed with HIV disease was 9.6 times as high among males compared to females. Although whites represented the majority of all new HIV disease cases (57%), the rate of those newly diagnosed with HIV was 7.4 times as high among Black/African American compared to whites. The largest proportion of those living with HIV were between the ages of 25 to 44 years old.

Figure 6. Diagnosed and living HIV, stage 3 (AIDS), and HIV disease cases by exposure category, Central HIV Care Region, 2021



Newly diagnosed HIV disease diagnoses with a known risk were attributed to MSM, IDU, and heterosexual contact (Figure 6). 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, 2021

Geographic Area	HIV Cases						Stage 3 (AIDS) Cases					
	Diagnosed 2021*			Living			Diagnosed 2021**			Living		
	Cases	%	Rate***	Cases	%	Rate***	Cases	%	Rate***	Cases	%	Rate***
Boone County	19	59.4%	10.4	190	53.4%	103.8	5	50.0%	2.7	132	44.7%	72.1
Pettis County	3	9.4%	7.1	21	5.9%	49.4	0	0.0%	0.0	19	6.4%	44.7
Remainder of Region	10	31.3%	2.0	145	40.7%	29.2	5	50.0%	1.0	144	48.8%	29.0
CENTRAL HIV CARE REGION TOTAL	32	100.0%	3.6	356	100.0%	40.2	10	100.0%	1.1	295	100.0%	33.3

*HIV cases diagnosed and reported to the Department during 2021 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 2021.

***Per 100,000 population based on 2020 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 2021 was greatest in Boone County (14) (Table 3). The number of persons newly diagnosed that progressed to stage 3 (AIDS) by the end of 2021 was the greatest in Boone County. The number of people living with HIV disease diagnoses was in Boone County.

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, 2021

Race/Ethnicity	HIV Cases*				AIDS Cases			
	Newly Diagnosed		Living		Newly Diagnosed**		Living	
	Cases	%	Cases	%	Cases	%	Cases	%
White	7	53.8%	171	69.8%	3	0.0%	294	72.1%
Black/African American	4	30.8%	53	21.6%	0	0.0%	84	20.6%
Hispanic	1	7.7%	17	6.9%	0	0.0%	24	5.9%
Other/Unknown	1	7.7%	4	1.6%	0	0.0%	6	1.5%
CENTRAL HIV CARE REGION TOTAL	13	100.0%	245	100.0%	3	0.0%	408	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 2021.

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, 2021

Age Group	White		Black/African American		Hispanic		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%**
13-18	1	0.3%	0	0.0%	0	0.0%	1	0.2%
19-24	11	3.7%	6	7.1%	3	12.5%	20	4.9%
25-44	105	35.7%	45	53.6%	11	45.8%	165	40.4%
45-64	150	51.0%	28	8.0%	8	33.3%	187	45.8%
65+	27	9.2%	5	6.0%	2	8.3%	35	8.6%
CENTRAL HIV CARE REGION TOTAL	294	100.0%	84	100.0%	24	100.0%	408	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, 2021

Geographic Area	White		Black/African American		Hispanic		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%***
Boone County	127	68.3%	42	22.6%	12	6.5%	186	45.6%
Cole County	22	47.8%	21	45.7%	3	6.5%	46	11.3%
Remaining Counties	107	82.3%	16	12.3%	6	4.6%	130	31.9%
CENTRAL HIV CARE REGION TOTAL	294	72.1%	84	20.6%	24	5.9%	408	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 2021 for the Central HIV Care Region (Table 4). Whites represented the largest number of total new HIV disease diagnoses. There were 653 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 2021 (51%). In contrast, the greatest proportions of Black/African American (53.6%) and Hispanic (45.8%) 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 white in Boone County (68.3%).

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, 2021

Race/Ethnicity	HIV Cases*				Stage 3 (AIDS) Cases			
	Newly Diagnosed		Living		Newly Diagnosed**		Living	
	Cases	%	Cases	%	Cases	%	Cases	%
White	1	50.0%	19	82.6%	1	100.0%	23	79.3%
Black/African American	0	0.0%	1	4.3%	0	0.0%	3	10.3%
Hispanic	1	50.0%	2	8.7%	0	0.0%	3	10.3%
Other/Unknown	0	0.0%	1	4.3%	0	0.0%	0	0.0%
CENTRAL HIV CARE REGION TOTAL	2	100.0%	23	100.0%	1	100.0%	29	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 2021.

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, 2021

Age Group	White		Black/African American		Hispanic		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%**
13-18	0	0.0%	0	0.0%	0	0.0%	0	0.0%
19-24	1	2.4%	0	0.0%	0	0.0%	1	1.9%
25-44	14	33.3%	1	25.0%	4	80.0%	20	38.5%
45-64	24	57.1%	3	75.0%	1	20.0%	28	53.8%
65+	3	7.1%	0	0.0%	0	0.0%	3	5.8%
CENTRAL HIV CARE REGION TOTAL	42	100.0%	4	100.0%	5	100.0%	52	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, 2021

Geographic Area	Cases	%
Boone County	25	48.1%
Cole County	6	11.5%
Remaining Counties	21	40.4%
CENTRAL HIV CARE REGION TOTAL	52	100.0%

There were three new HIV disease diagnosis attributed to MSM/IDU in 2021 for the Central HIV Care Region (Table 7). There were 52 MSM/IDU living with HIV disease at the end of 2021 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 (5).

The largest numbers of MSM/IDU living with HIV disease in the Central HIV Care Region were most recently diagnosed in Boone County (25) (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, 2021

Race/Ethnicity and Sex	HIV Cases*				Stage 3 (AIDS) Cases			
	Newly Diagnosed		Living		Newly Diagnosed**		Living	
	Cases	%	Cases	%	Cases	%	Cases	%
White Male	0	0.0%	10	47.6%	0	--	7	35.0%
Black/African American Male	0	0.0%	0	0.0%	0	--	5	25.0%
Hispanic Male	0	0.0%	0	0.0%	0	--	2	10.0%
White Female	1	100.0%	9	42.9%	0	--	4	20.0%
Black/African American Female	0	0.0%	2	9.5%	0	--	2	10.0%
Hispanic Female	0	0.0%	0	0.0%	0	--	0	0.0%
CENTRAL HIV CARE REGION TOTAL†	1	100.0%	21	100.0%	0	--	20	100.0%

*Remained HIV cases at the end of the year.

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

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

Note: Percentages may not total due to rounding.

Table 11. Living HIV disease cases in injecting drug users, by selected race/ethnicity, by current age group, Central HIV Care Region, 2021

Age Group	White Males		Black/African American Males		White Females		Black/African American Females		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%**	Cases	%**
	13-18	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
19-24	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
25-44	3	17.6%	0	0.0%	6	46.2%	1	25.0%	11	26.8%
45-64	13	76.5%	4	80.0%	6	46.2%	3	75.0%	27	65.9%
65+	1	5.9%	1	20.0%	1	7.7%	0	0.0%	3	7.3%
CENTRAL HIV CARE REGION TOTAL	17	100.0%	5	100.0%	13	100.0%	4	100.0%	41	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, 2021

Geographic Area	Cases	%
Boone County	11	26.8%
Pettis County	4	9.8%
Remaining Counties	24	58.5%
CENTRAL HIV CARE REGION TOTAL	41	100.0%

There was one new HIV disease diagnoses attributed to IDU in 2021 for the Central HIV Care Region (Table 10). There were 41 living HIV disease cases attributed to IDU at the end of 2021 in the Central HIV Care Region. Of persons living with HIV disease, 49% were classified as stage 3 (AIDS) at the end of 2021. The largest proportion of both living HIV and stage 3 (AIDS) cases were white males.

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 2021 (27) (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, 2021

Race/Ethnicity and Sex	HIV Cases*				Stage 3 (AIDS) Cases			
	Newly Diagnosed		Living		Newly Diagnosed**		Living	
	Cases	%	Cases	%	Cases	%	Cases	%
White Male	1	0.0%	10	16.1%	1	0.0%	4	5.7%
Black/African American Male	0	0.0%	3	4.8%	0	0.0%	12	17.1%
Hispanic Male	0	0.0%	0	0.0%	0	0.0%	0	0.0%
White Female	0	0.0%	34	54.8%	0	0.0%	34	48.6%
Black/African American Female	0	0.0%	11	17.7%	0	0.0%	17	24.3%
Hispanic Female	0	0.0%	1	1.6%	0	0.0%	2	2.9%
CENTRAL HIV CARE REGION TOTAL†	1	0.0%	62	100.0%	1	0.0%	70	100.0%

*Remained HIV cases at the end of the year.

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

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

Note: Percentages may not total due to rounding.

Table 14. Living HIV disease cases in heterosexual contacts, by selected race/ethnicity and sex, by current age group, Central HIV Care Region, 2021

Age Group	White Males		Black/African American Males		White Females		Black/African American Females		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%**	Cases	%**
	13-18	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
19-24	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
25-44	5	35.7%	1	6.7%	26	38.2%	10	35.7%	45	34.1%
45-64	7	50.0%	12	80.0%	34	50.0%	14	50.0%	71	53.8%
65+	2	14.3%	2	13.3%	8	11.8%	4	14.3%	16	12.1%
CENTRAL HIV CARE REGION TOTAL	14	100.0%	15	100.0%	68	100.0%	28	100.0%	132	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, 2021

Geographic Area	White		Black/African American		Hispanic		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%***
Boone County	21	52.5%	17	42.5%	1	2.5%	40	30.3%
Cole County	7	41.2%	9	52.9%	0	0.0%	17	12.9%
Remaining Counties	47	77.0%	12	19.7%	1	1.6%	61	46.2%
CENTRAL HIV CARE REGION TOTAL	82	62.1%	43	32.6%	3	2.3%	132	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 two new HIV disease diagnoses attributed to heterosexual contact in 2021 for the Central HIV Care Region (Table 13). There were 132 persons living with HIV disease attributed to heterosexual contact at the end of 2021 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 2021, 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, 2021

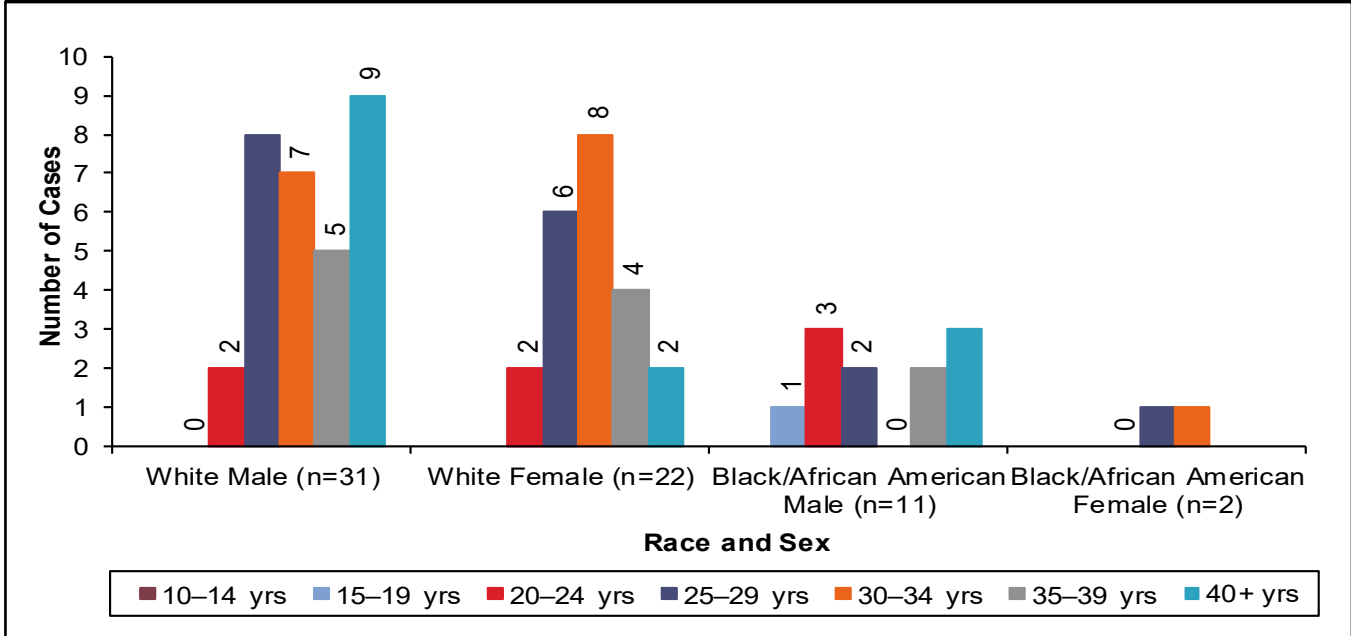
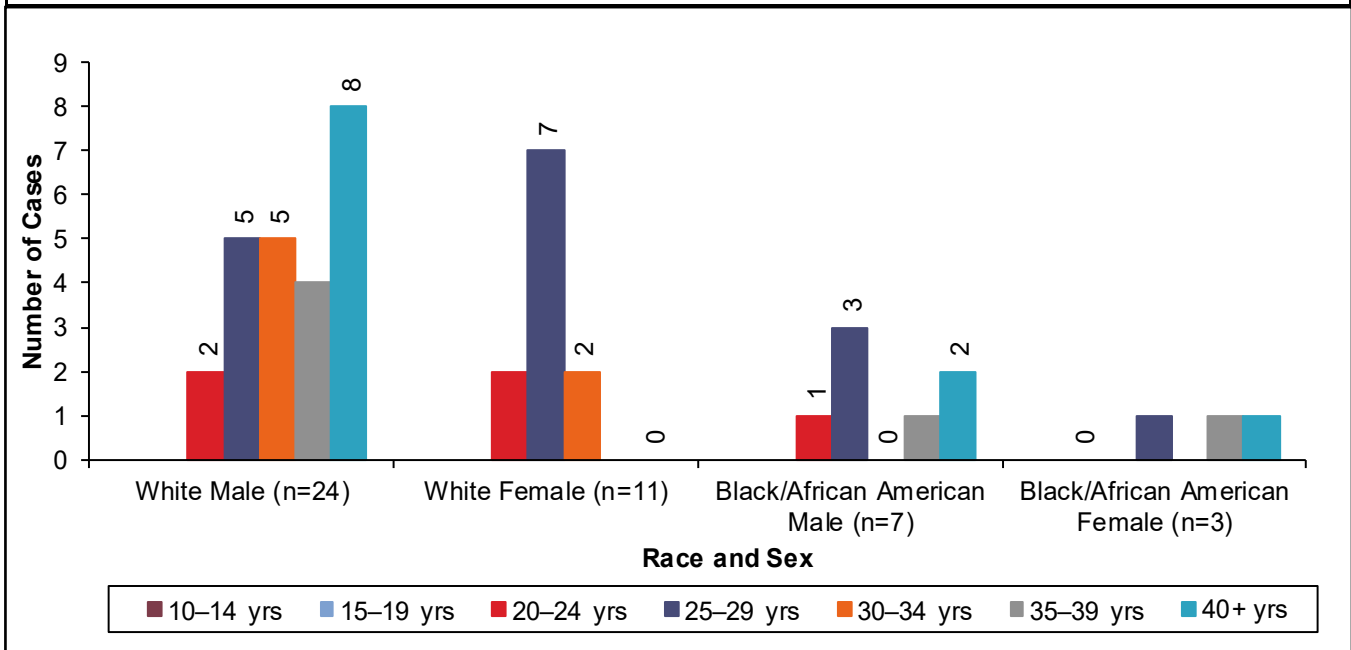


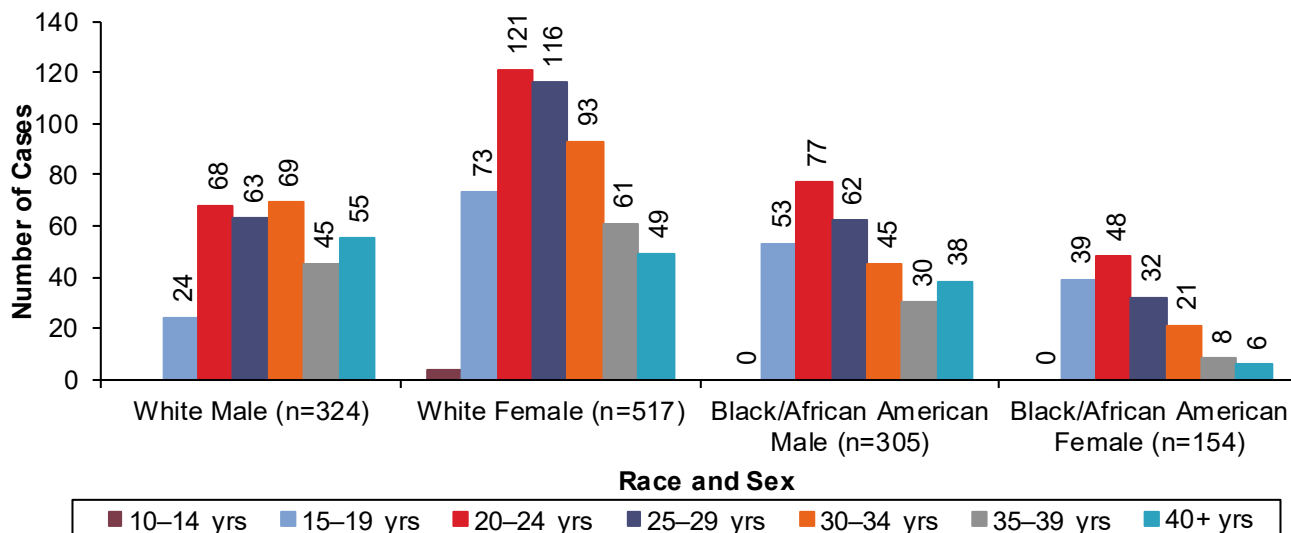
Figure 8. Reported early latent syphilis cases, by race and sex, by age group at diagnosis, Central HIV Care Region, 2021



In the Central HIV Care Region, there were 66 P&S syphilis cases reported in 2021 (Figure 7). The largest number of reported P&S syphilis cases were reported among white males (31).

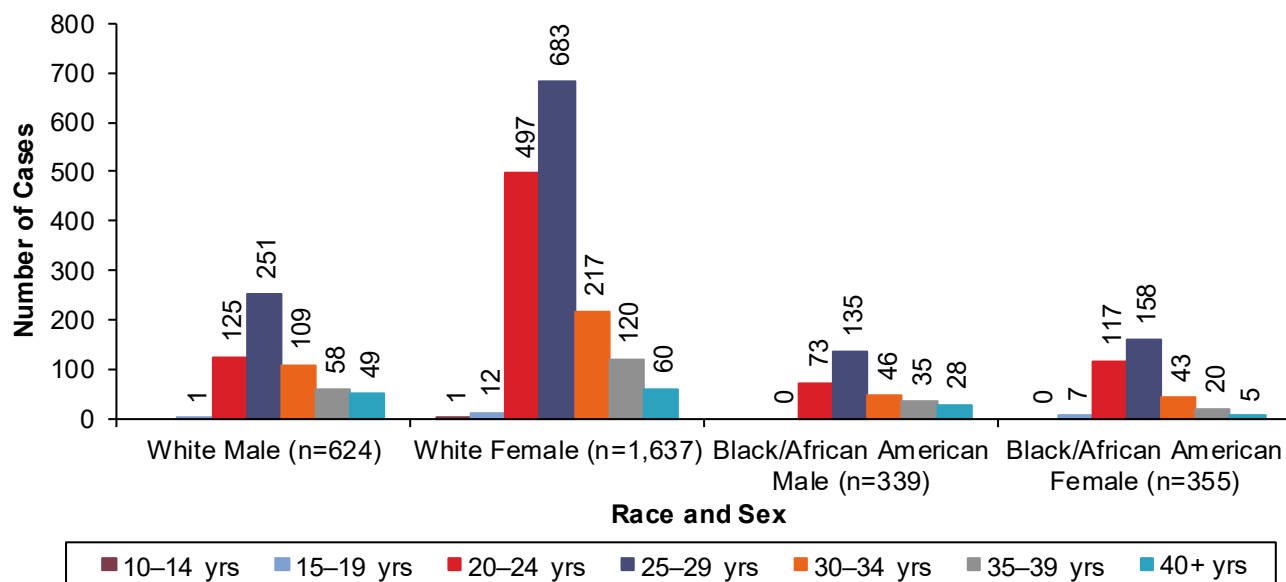
In Central HIV Care Region, there were 45 reported early latent syphilis cases in 2021 (Figure 8). The largest number of reported early latent syphilis cases were reported among white males (24).

Figure 9. Reported gonorrhea cases, by race and sex, by age group at diagnosis, Central HIV Care Region, 2021



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, 2021

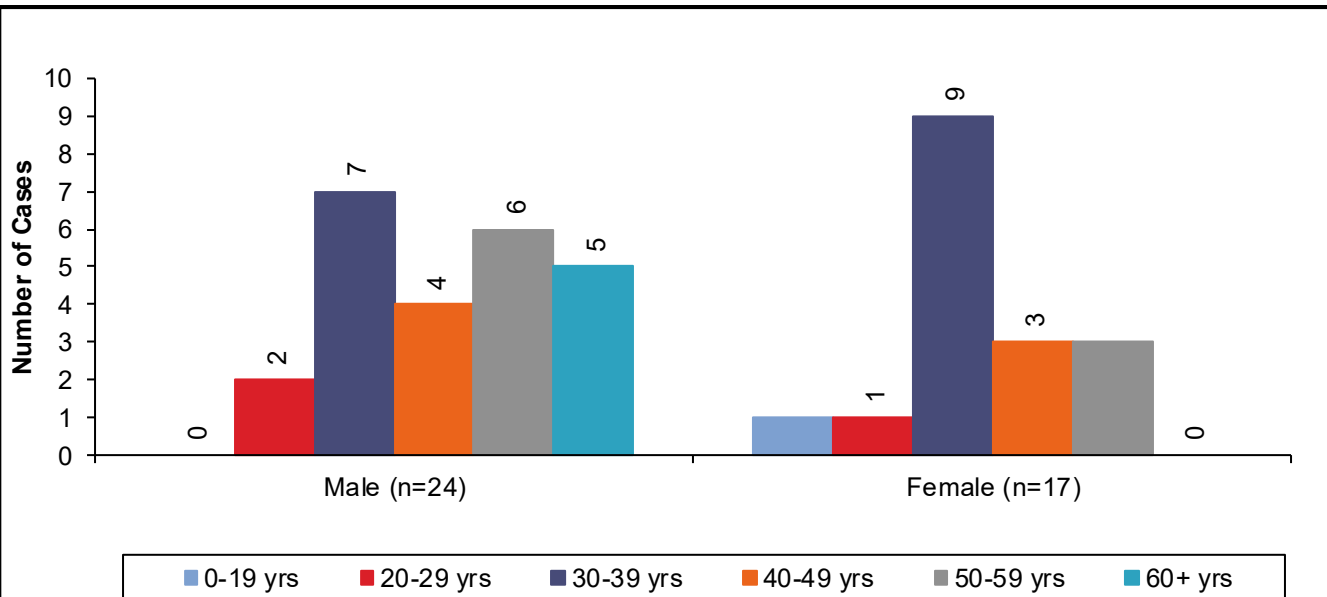


Note: Totals include persons diagnosed at <10 years of age or whose age at diagnosis is unknown.

There were 1,300 gonorrhea cases in 2021 (Figure 9). The largest number of gonorrhea cases was reported among white females (517). The largest number of reported cases was diagnosed between 20-24 years of age among all race/ethnicity and sex categories presented.

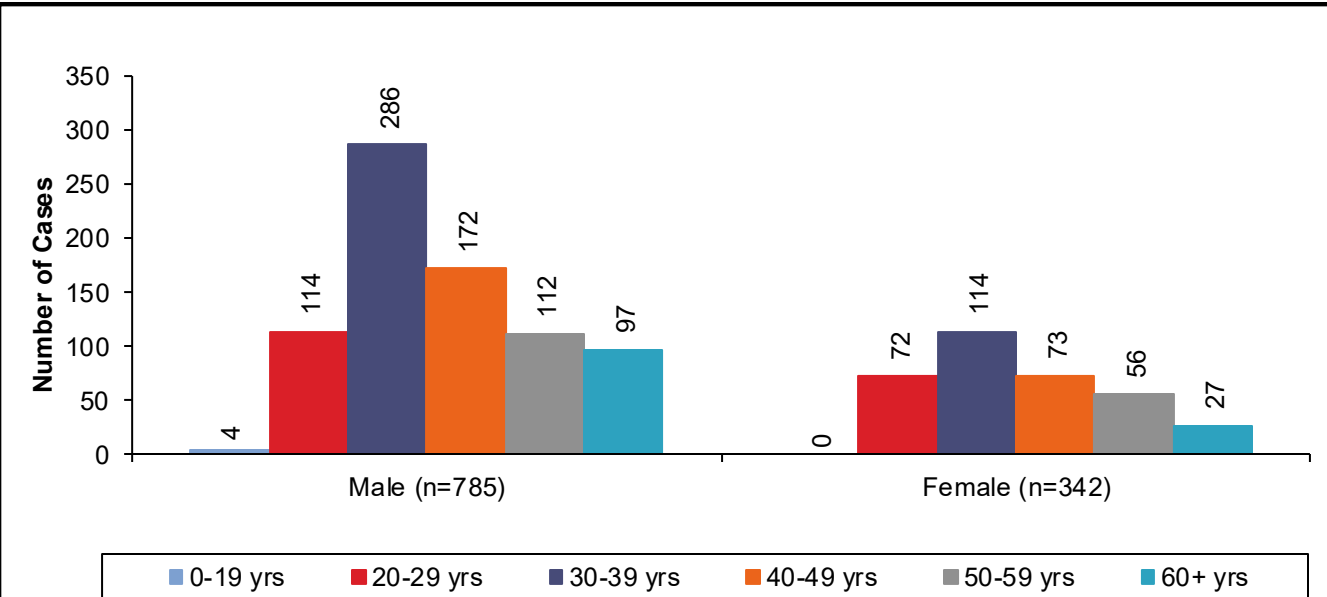
There were 2,955 chlamydia cases in 2021 (Figure 10). The largest number of chlamydia cases was reported among white females (1,637). The largest number of reported cases was diagnosed between 25-29 years of age among all race/ethnicity and sex categories presented.

Figure 11. Reported hepatitis B cases, by sex and by age group at diagnosis, Central HIV Care Region, 2021



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, 2021



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

There were 41 reported cases of hepatitis B in the Central HIV Care Region during 2021 (Figure 11). Males represented 58.5% of reported hepatitis B cases. The largest numbers of cases were reported among persons 30-39 years of age among all genders.

In 2021, there were 1,127 hepatitis C cases reported in the Central HIV Care Region (Figure 12). Of the reported hepatitis C cases, 70% were male. The largest numbers of cases were reported among persons 30-39 years of age of diagnosis among all genders.