KANSAS CITY HIV CARE REGION

Population Counts, Kansas City HIV Care Region, 2020											
County	White		Black/African American		Hispanic		Asian/Pacific Islander		American Indian/Alaskan Native		Total
Cass County	94,158	88.2%	5,575	5.2%	5,116	4.8%	1,243	1.2%	714	0.7%	106,806
Clay County	205,681	81.1%	20,158	8.0%	18,371	7.2%	7,741	3.1%	1,512	0.6%	253,463
Clinton County	19,376	94.3%	392	1.9%	506	2.5%	143	0.7%	136	0.7%	20,553
Jackson County	446,037	63.2%	171,755	24.3%	66,621	9.4%	17,698	2.5%	3,814	0.5%	705,925
Lafayette County	30,527	92.5%	882	2.7%	1,139	3.5%	285	0.9%	173	0.5%	33,006
Platte County	86,148	80.9%	8,813	8.3%	7,006	6.6%	4,034	3.8%	531	0.5%	106,532
Ray County	21,594	94.2%	433	1.9%	611	2.7%	136	0.6%	141	0.6%	22,915
Region Total	903,521	72.4%	208,008	16.7%	99,370	8.0%	31,280	2.5%	5,292	0.4%	1,247,471

2021 Epidemiologic Profiles of HIV, STD and Hepatitis in Kansas City HIV Care Region

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

2,966 (42.0%) Deceased HIV Disease Cases

■ Deceased HIV Cases
281

■ Deceased Stage 3 (AIDS) Cases
2,685

■ Living HIV Cases
1,968

7,062 Cumulative HIV Disease Cases
4,813 (68.2%) Stage 3 (AIDS) Cases
2,249 (31.8%) HIV Cases

4,096 (58.0%) Living HIV Disease Cases
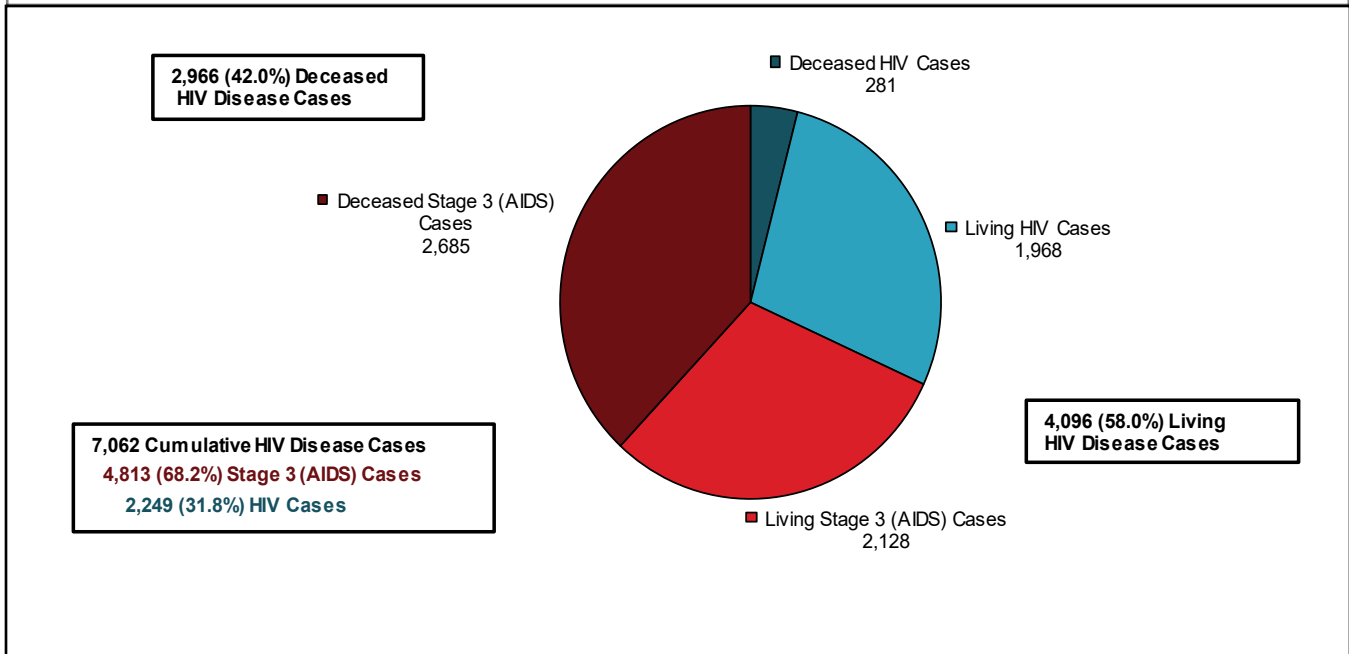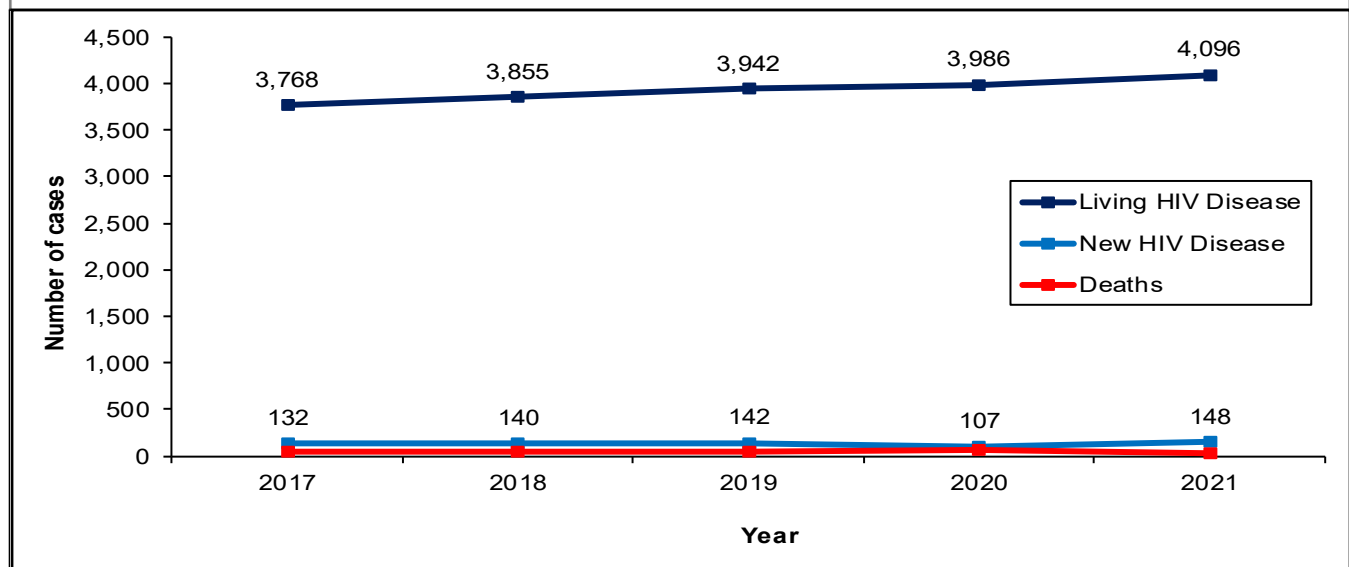
■ Living Stage 3 (AIDS) Cases
2,128

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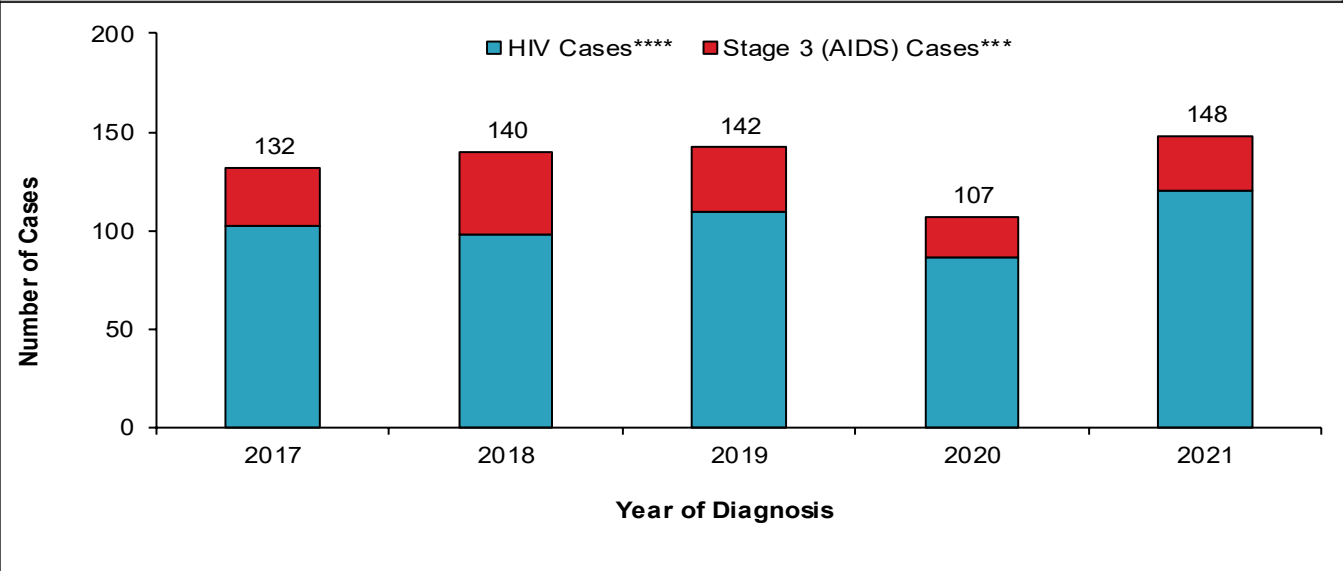

*For living HIV disease cases-the number of individuals living with HIV disease at the end of the year. For new HIV disease cases-the number of individuals newly diagnosed in the year. For HIV disease deaths-the number of individuals that died in the year.

From 1982 to 2021, there have been a total of 7,062 HIV disease cases diagnosed in the Kansas City HIV Care Region and reported to DHSS (Figure 1). Of the cumulative cases reported, 58% were still presumed to be living with HIV disease at the end of 2021. Among those living with HIV disease at the end of 2021, 4,813 were classified as HIV cases and 2,249 were classified as stage 3 (AIDS) cases.
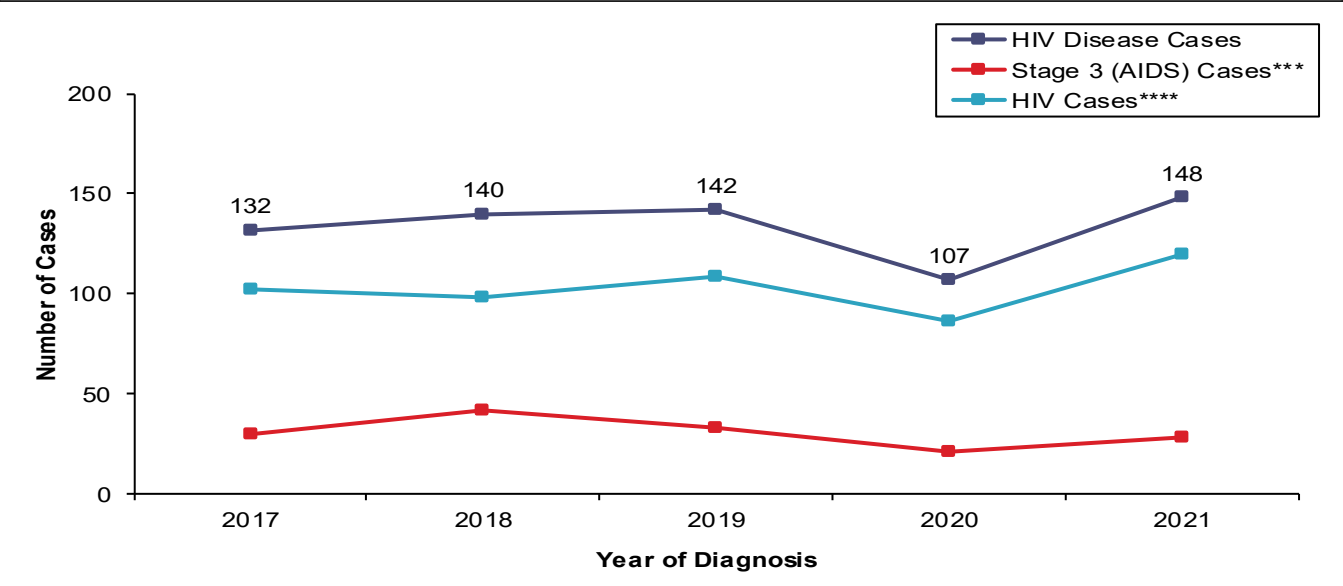
At the end of 2021, there were 4,096 persons living with HIV disease whose most recent diagnosis occurred in the Kansas City HIV Care Region (Figure 2). The number of people living with HIV disease increased every year. There were 148 new HIV disease diagnoses in 2021. The number of new diagnoses was generally stable with slight fluctuations between 2019 and 2021. The number of deaths among persons with HIV disease remained generally stable.

2021 Epidemiologic Profiles of HIV, STD and Hepatitis in Kansas City HIV Care Region

Figure 3. HIV disease cases, by current status* and year of diagnosis**, Kansas City 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**, Kansas City 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 remained generally stable with decrease between 2019 and 2020 then increase to normal number of new diagnosis from 2020 to 2021. Differences in the number of persons sub-classified as stage 3 (AIDS) cases each year are due to the progression of the disease over time.

Figure 5. HIV disease deaths*, by selected race, by year of death, Kansas City HIV Care Region, 2017—2021[†]
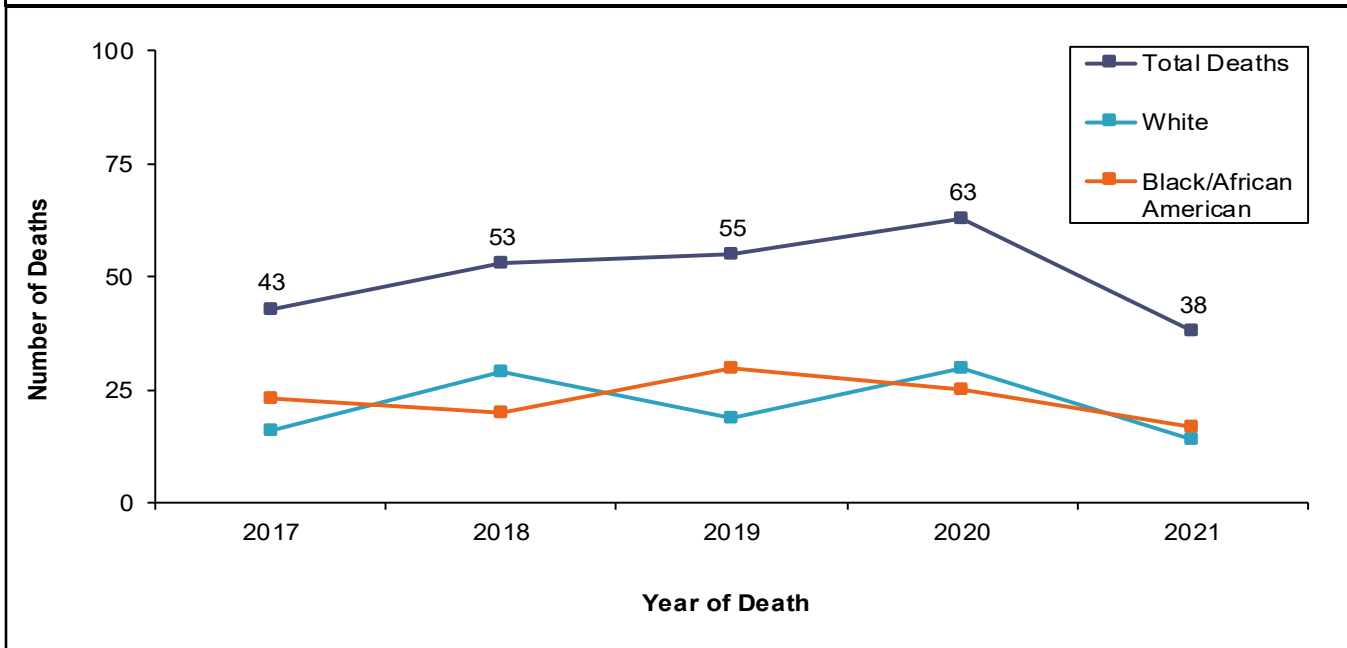
*Includes deaths that have occurred among those diagnosed with HIV disease in the Kansas City HIV Care Region.
[†]Only includes deaths through December 31, 2020 and reported by February 28, 2022.

Figure 6. Persons diagnosed with HIV disease by current vital status* and year of diagnosis, Kansas City HIV Care Region, 2017—2021**
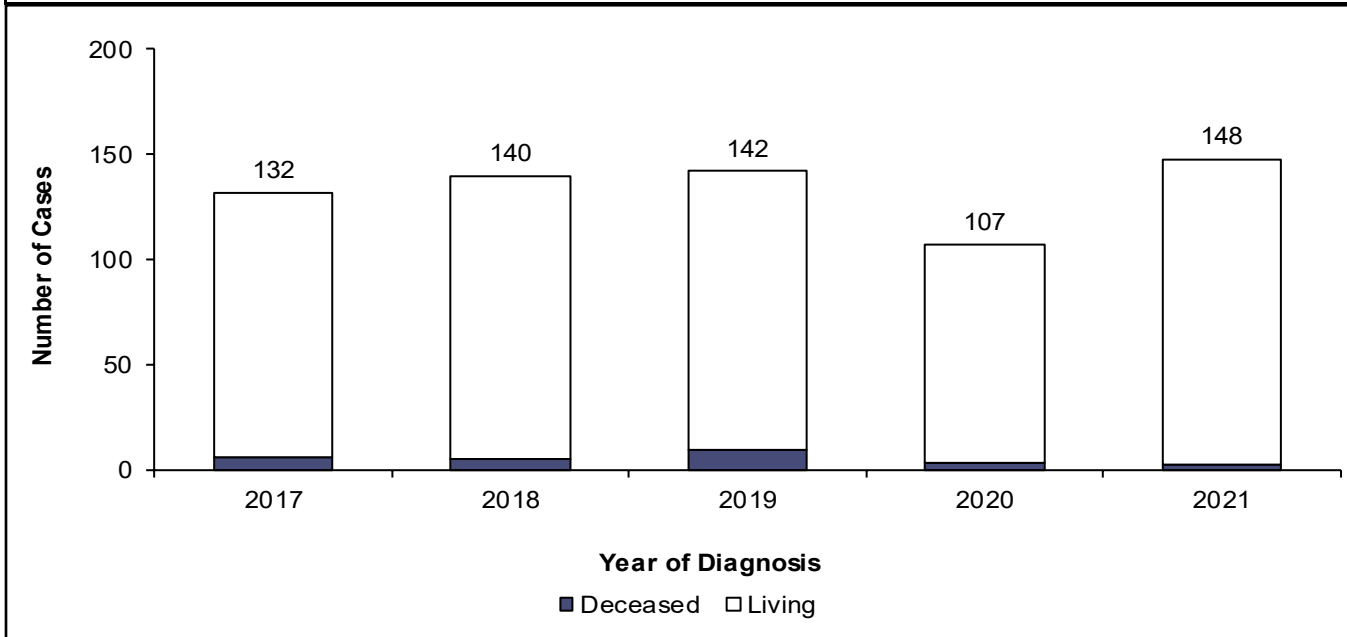
*Vital status on December 31, 2021.
**Cases are indicated by year of initial diagnosis reported to DHSS. (The year in which the first diagnosis of the person, whether as an HIV case or a stage 3 (AIDS) case, was documented by the Department).

The number of deaths among persons with HIV disease fluctuated with no sustained upward or downward trend through 2019 (Figure 5). The number of deaths among persons with HIV disease decreased between 2019 to 2020.

Of the 132 persons diagnosed with HIV disease in 2017, 6 (4.5%) were deceased by the end of 2021 (Figure 6). Among the 148 persons first diagnosed in 2021, 2 (1.4%) were deceased at the end of 2021. The difference in the proportion of cases that are deceased is due to the length of time individuals have been living with the disease.

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

	HIV*			Stage 3 (AIDS)**			HIV Disease***		
	Cases	%	Rate****	Cases	%	Rate****	Cases	%	Rate****
Sex									
Male	1,633	83.0%	268.6	1,792	84.2%	294.7	3,425	83.6%	563.3
Female	335	17.0%	52.3	336	15.8%	52.4	671	16.4%	104.7
Total	1,968	100.0%	157.5	2,128	100.0%	170.3	4,096	100.0%	327.9
Race/Ethnicity									
White	916	47.7%	101.4	1,036	50.2%	114.7	1,952	49.0%	216.0
Black/African American	805	41.9%	387.0	837	40.6%	402.4	1,642	41.2%	789.4
Hispanic	173	9.0%	174.1	173	8.4%	174.1	346	8.7%	348.2
Asian/Pacific Islander	18	0.9%	57.5	16	0.8%	51.2	34	0.9%	108.7
American Indian/Alaskan Native	8	0.4%	113.9	2	0.1%	28.5	10	0.3%	142.4
Total	1,920	100.0%	153.7	2,064	100.0%	165.2	3,984	100.0%	318.9
Race/Ethnicity-Males									
White Male	820	51.4%	958.0	952	54.7%	215.5	1,772	53.1%	401.2
Black/African American Male	598	37.5%	618.0	624	35.9%	636.6	1,222	36.6%	1246.7
Hispanic Male	153	9.6%	130.0	151	8.7%	301.8	304	9.1%	607.6
Asian/Pacific Islander Male	16	1.0%	12.0	11	0.6%	73.9	27	0.8%	181.3
American Indian/Alaskan Native Male	8	0.5%	2.0	2	0.1%	58.0	10	0.3%	290.0
Total	1,595	100.0%	262.3	1,740	100.0%	286.2	3,335	100.0%	548.5
Race/Ethnicity-Females									
White Female	96	29.5%	20.8	84	25.9%	18.2	180	27.7%	39.0
Black/African American Female	207	63.7%	188.2	213	65.7%	193.7	420	64.7%	381.9
Hispanic Female	20	6.2%	40.5	22	6.8%	44.6	42	6.5%	85.1
Asian/Pacific Islander Female	2	0.6%	12.2	5	1.5%	30.5	7	1.1%	42.7
American Indian/Alaskan Native Female	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Total	325	100.0%	50.7	324	100.0%	50.5	649	100.0%	101.2
Current Age[‡]									
<2	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
2-12	2	0.1%	1.1	0	0.0%	0.0	2	0.0%	1.1
13-18	10	0.5%	10.3	1	0.0%	1.0	11	0.3%	11.3
19-24	82	4.2%	95.8	8	0.4%	9.3	90	2.2%	105.1
25-44	913	46.4%	263.0	494	23.2%	142.3	1,407	34.4%	405.3
45-64	818	41.6%	262.7	1,332	62.6%	427.7	2,150	52.5%	690.3
65+	143	7.3%	71.9	293	13.8%	147.3	436	10.6%	219.3
Total	1,968	100.0%	157.5	2,128	100.0%	170.3	4,096	100.0%	327.9

[†]Includes persons diagnosed with HIV disease in the Kansas City 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, Kansas City HIV Care Region, 2021

	HIV*			Stage 3 (AIDS)**			HIV Disease***		
	Cases	%	Rate****	Cases	%	Rate****	Cases	%	Rate****
Sex									
Male	98	81.7%	16.1	18	64.3%	3.0	116	78.4%	19.1
Female	22	18.3%	3.4	10	35.7%	1.6	32	21.6%	5.0
Total	**120**	**100.0%**	**9.6**	**28**	**100.0%**	**2.2**	**148**	**100.0%**	**11.8**
Race/Ethnicity									
White	38	31.7%	4.2	13	46.4%	1.4	51	34.5%	5.6
Black/African American	59	49.2%	28.4	11	39.3%	5.3	70	47.3%	33.7
Hispanic	16	13.3%	16.1	2	7.1%	2.0	18	12.2%	18.1
Asian/Pacific Islander	1	0.8%	3.2	0	0.0%	0.0	1	0.7%	3.2
American Indian/Alaskan Native	2	1.7%	28.5	0	0.0%	0.0	2	1.4%	28.5
Two or More Races/Unknown	4	3.3%	--	2	7.1%	--	6	4.1%	--
Total	**120**	**100.0%**	**9.6**	**28**	**100.0%**	**2.2**	**148**	**100.0%**	**11.8**
Race/Ethnicity-Males									
White Male	29	29.6%	6.6	10	55.6%	2.3	39	33.6%	8.8
Black/African American Male	49	50.0%	50.0	5	27.8%	5.1	54	46.6%	55.1
Hispanic Male	13	13.3%	26.0	1	5.6%	2.0	14	12.1%	28.0
Asian/Pacific Islander Male	1	1.0%	6.7	0	0.0%	0.0	1	0.9%	6.7
American Indian/Alaskan Native Male	2	2.0%	58.0	0	0.0%	0.0	2	1.7%	58.0
Two or More Races/Unknown Male	4	4.1%	--	2	11.1%	--	6	5.2%	--
Total	**98**	**100.0%**	**16.1**	**18**	**100.0%**	**3.0**	**116**	**100.0%**	**19.1**
Race/Ethnicity-Females									
White Female	9	40.9%	1.9	3	30.0%	0.6	12	37.5%	2.6
Black/African American Female	10	45.5%	9.1	6	60.0%	5.5	16	50.0%	14.5
Hispanic Female	3	13.6%	6.1	1	10.0%	2.0	4	12.5%	8.1
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	**22**	**100.0%**	**3.4**	**10**	**100.0%**	**1.6**	**32**	**100.0%**	**5.0**
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	1	0.8%	1.0	0	0.0%	0.0	1	0.7%	1.0
19-24	22	18.3%	25.7	3	10.7%	3.5	25	16.9%	29.2
25-44	71	59.2%	20.5	17	60.7%	4.9	88	59.5%	25.3
45-64	25	20.8%	8.0	7	25.0%	2.2	32	21.6%	10.3
65+	1	0.8%	0.5	1	3.6%	0.5	2	1.4%	1.0
Total	**120**	**100.0%**	**9.6**	**28**	**100.0%**	**2.2**	**148**	**100.0%**	**11.8**

*HIV cases diagnosed during 2021 which remained HIV cases at the end of the year.
**Stage 3 (AIDS) cases initially diagnosed in 2021.
***The sum of newly diagnosed HIV cases and newly diagnosed stage 3 (AIDS) cases. Does not include cases diagnosed prior to 2021 with HIV, which progressed to stage 3 (AIDS) in 2021.
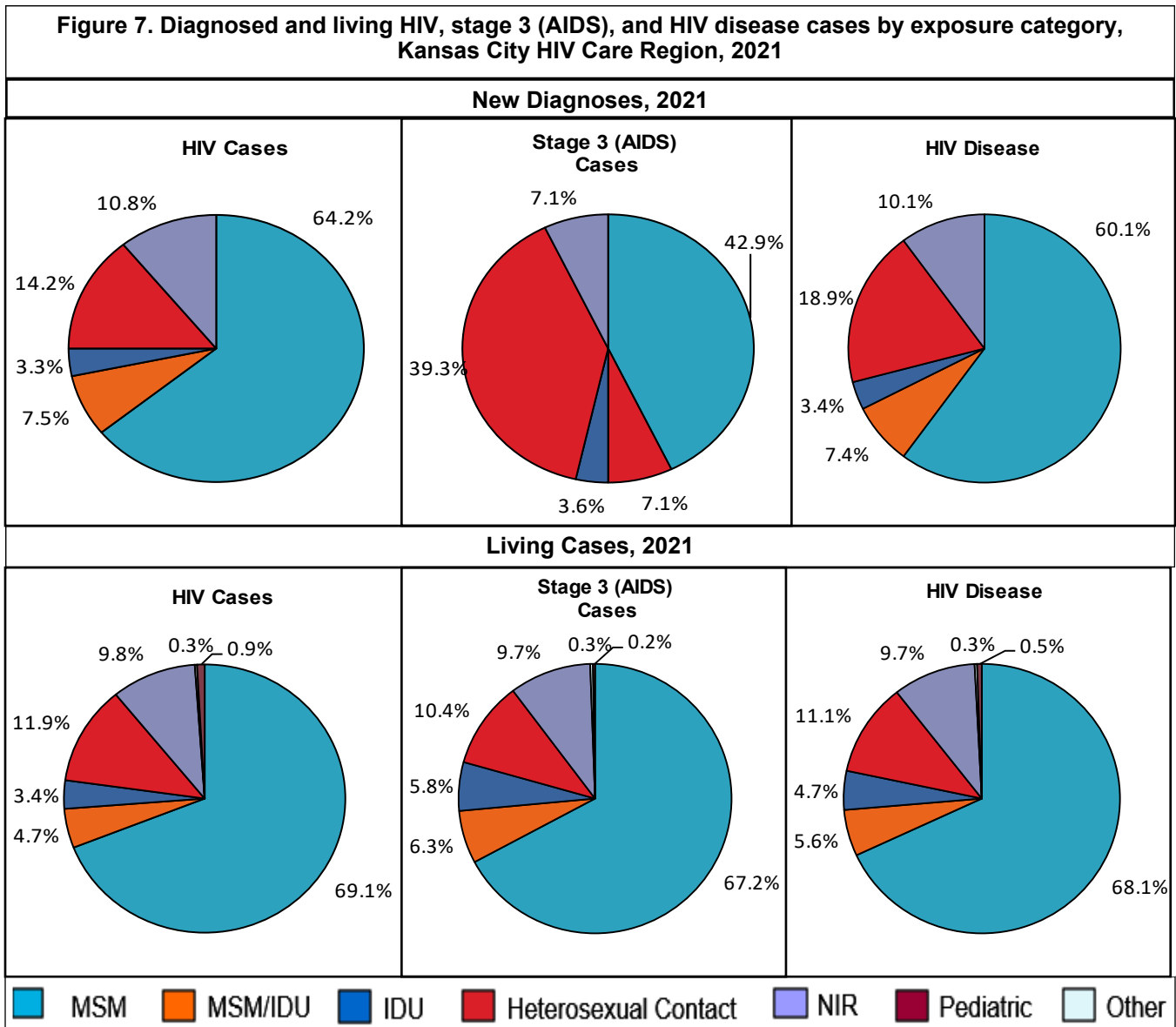****Per 100,000 population based on 2020 DHSS estimates.
[‡]Based on age as of December 31, 2021.
Note: Percentages may not total due to rounding.

Of the 4,096 persons living with HIV disease at the end of 2021, 83.6% were males (Table 1). The rate of those living with HIV disease among males was 5.4 times as high as the rate among females. Although whites represented the largest proportion of living HIV disease cases (49%), the rate of those living with HIV disease among Black/African Americans was 3.7 times as high as the rate among whites. The rate among Hispanics was 1.6 times as high as the rate among whites. Among males, the rate of persons living with HIV disease among Black/African Americans was 3.1 times as high as the rate among whites and the rate among Hispanics was 1.5 times as high as the rate among whites. Among females, the rate of those living with HIV disease among Black/African Americans was 9.8 times as high as the rate among whites, and 2.2 times as high among Hispanics compared to whites.

Of the 148 persons newly diagnosed with HIV disease in 2021, 28 were classified as AIDS cases by the end of 2021 (Table 2). The rate of new HIV disease diagnoses was 3.8 times as high among males compared to females. The rate of new HIV disease cases among Black/African Americans was 6 times as high as the rate among whites, and 3.2 times as high among Hispanics compared to whites.

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

Among all categories, the majority of cases were attributed to MSM (Figure 7). The 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, Kansas City 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***
Kansas City	93	77.5%	18.7	1,539	84.7%	309.6	21	75.0%	4.2	1,714	84.9%	344.8
Jackson County†	18	15.0%	2.5	261	14.4%	37.0	5	17.9%	0.7	286	14.2%	40.5
Remainder of Region	9	7.5%	11.8	18	1.0%	23.5	2	7.1%	2.6	18	0.9%	23.5
KANSAS CITY HIV CARE REGION TOTAL	**120**	**100.0%**	**9.6**	**1,818**	**100.0%**	**145.5**	**28**	**100.0%**	**2.2**	**2,018**	**100.0%**	**161.5**

*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 2021 that progressed to stage 3 (AIDS) in 2021.
***Per 100,000 population based on 2020 DHSS estimates.
†Outside the limits of Kansas City.
Note: Percentages may not total due to rounding.

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

Area	White			Black/African American			Hispanic			Total**		
	Cases	%	Rate*	Cases	%	Rate*	Cases	%	Rate*	Cases	%	Rate*
Kansas City	7	33.3%	2.6	11	52.4%	8.4	2	9.5%	3.3	21	100.0%	10.9
Jackson County†	4	80.0%	0.9	0	0.0%	0.0	0	0.0%	0.0	5	100.0%	2.1
Remainder of Region†	1	0.0%	0.2	0	0.0%	0.0	0	0.0%	0.0	1	0.0%	1.4
KANSAS CITY HIV CARE REGION TOTAL	**13**	**46.4%**	**1.4**	**11**	**39.3%**	**5.3**	**2**	**7.1%**	**2.0**	**28**	**100.0%**	**9.1**

*Per 100,000 population based on 2020 DHSS estimates.
**Includes cases in persons whose race/ethnicity is either unknown or not listed.
†Outside the limits of Kansas City.
Note: Row percentages are shown. Percentages may not total due to rounding.

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

Area	White			Black/African American			Hispanic			Total**		
	Cases	%	Rate*	Cases	%	Rate*	Cases	%	Rate*	Cases	%	Rate*
Kansas City	27	29.0%	10.1	48	51.6%	36.6	11	11.8%	18.0	93	100.0%	20.2
Jackson County†	7	38.9%	1.6	8	44.4%	4.7	3	16.7%	4.5	18	100.0%	2.6
Remainder of Region†	1	0.0%	0.2	0	0.0%	0.0	0	0.0%	0.0	1	100.0%	0.2
KANSAS CITY HIV CARE REGION TOTAL	**38**	**31.7%**	**4.2**	**59**	**49.2%**	**28.4**	**16**	**13.3%**	**16.1**	**120**	**100.0%**	**4.6**

*Per 100,000 population based on 2020 DHSS estimates.
**Includes cases in persons whose race/ethnicity is either unknown or not listed.
†Outside the limits of Kansas City.
Note: Row percentages are shown. Percentages may not total due to rounding.

The rates of new diagnoses and living cases were highest in Kansas City compared to other areas in the Kansas City HIV Care Region (Table 3).

The highest rates of new HIV case diagnoses among Black/African Americans were observed in Kansas City HIV Region Care Region (Table 4). In Kansas City, Black/African Americans comprised the greatest proportion of new HIV cases.

In Kansas City Black/African Americans represented the greatest number of new stage 3 (AIDS) cases. In Jackson County, whites represented the greatest number of new stage 3 (AIDS) cases. The remainder of the region had one case (Table 5).

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

| | HIV Cases* | | | | Stage 3 (AIDS) Cases | | | |
| | Newly Diagnosed | | Living | | Newly Diagnosed** | | Living | |
Race/Ethnicity	Cases	%	Cases	%	Cases	%	Cases	%
White	21	27.3%	697	51.3%	8	66.7%	782	54.7%
Black/African American	40	51.9%	484	35.6%	2	16.7%	490	34.3%
Hispanic	11	14.3%	134	9.9%	1	8.3%	109	7.6%
Other/Unknown	5	6.5%	44	3.2%	1	8.3%	49	3.4%
KANSAS CITY HIV CARE REGION TOTAL	77	100.0%	1,359	100.0%	12	100.0%	1,430	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 7. Living HIV disease cases in men who have sex with men, by selected race/ethnicity, by current age group, Kansas City HIV Care Region, 2021

| | White | | Black/African American | | Hispanic | | Total* | |
Age Group	Cases	%**	Cases	%**	Cases	%**	Cases	%**
13-18	0	0.0%	1	0.1%	0	0.0%	1	0.0%
19-24	14	0.9%	40	4.1%	3	1.2%	62	2.2%
25-44	376	25.4%	480	49.3%	117	48.1%	1,010	36.2%
45-64	883	59.7%	401	41.2%	110	45.3%	1,438	51.6%
65+	206	13.9%	52	5.3%	13	5.3%	278	10.0%
KANSAS CITY HIV CARE REGION TOTAL	1,479	100.0%	974	100.0%	243	100.0%	2,789	100.0%

*Row totals and percentages include cases in persons whose race/ethnicity is either unknown or not listed.
**Percentage of cases per age group.
Note: Percentages may not total due to rounding.

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

| | White | | Black/African American | | Hispanic | | Total* | |
Geographic Area	Cases	%**	Cases	%**	Cases	%**	Cases	%***
Kansas City	1,130	49.6%	873	38.3%	194	8.5%	2,277	81.6%
Jackson County[†]	215	63.0%	83	24.3%	35	10.3%	341	12.2%
Clay County[†]	69	80.2%	8	9.3%	8	9.3%	86	3.1%
Cass County[†]	33	76.7%	6	14.0%	1	2.3%	43	1.5%
Platte County	20	69.0%	3	10.3%	5	17.2%	29	1.0%
Remaining Counties[†]	12	92.3%	1	7.7%	0	0.0%	13	0.5%
KANSAS CITY HIV CARE REGION TOTAL	1,479	53.0%	974	34.9%	243	8.7%	2,789	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.
[†]Outside the limits of Kansas City.
Note: Percentages may not total due to rounding.

There were a total of 89 new HIV disease diagnoses attributed to MSM in 2021 for the Kansas City HIV Care Region (Table 6). Black/African Americans represented a greater proportion of new HIV cases diagnosed in 2021 among MSM (47%) compared to the proportion of living HIV cases diagnosed among white MSM (53%). Of the newly diagnosed cases among MSM, 12 (13%) progressed to stage 3 (AIDS) by the end of 2021.

The distribution of living HIV disease cases by current age varied by race/ethnicity among MSM (Table 7). Among white MSM living with HIV disease, the majority (59.7%) were between 45-64 years of age at the end of 2021. In contrast, only 49.3% of living Black/African American and 48.1% of living Hispanic MSM with HIV disease were between 25-44 years of age.

The largest proportion of living HIV disease cases in MSM were whites among all areas (Table 8). Kansas City had the largest proportion of living HIV disease cases in MSM (2,277).

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

| | HIV Cases* | | | | Stage 3 (AIDS) Cases | | | |
| | Newly Diagnosed | | Living | | Newly Diagnosed** | | Living | |
Race/Ethnicity	Cases	%	Cases	%	Cases	%	Cases	%
White	5	55.6%	60	64.5%	2	100.0%	88	65.2%
Black/African American	2	22.2%	20	21.5%	0	0.0%	35	25.9%
Hispanic	1	11.1%	7	7.5%	0	0.0%	7	5.2%
Other/Unknown	1	11.1%	6	6.5%	0	0.0%	5	3.7%
KANSAS CITY HIV CARE REGION TOTAL	9	100.0%	93	100.0%	2	100.0%	135	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 10. Living HIV disease cases in men who have sex with men and inject drugs, by selected race/ethnicity, by current age group, Kansas City HIV Care Region, 2021

| | White | | Black/African American | | Hispanic | | Total* | |
Age Group	Cases	%**	Cases	%**	Cases	%**	Cases	%**
13-18	0	0.0%	0	0.0%	0	0.0%	0	0.0%
19-24	1	0.7%	0	0.0%	1	7.1%	2	0.9%
25-44	42	28.4%	13	23.6%	5	35.7%	66	28.9%
45-64	85	57.4%	34	61.8%	8	57.1%	131	57.5%
65+	20	13.5%	8	14.5%	0	0.0%	22	9.6%
KANSAS CITY HIV CARE REGION TOTAL	148	100.0%	55	100.0%	14	100.0%	228	100.0%

*Row totals and percentages include cases in persons whose race/ethnicity is either unknown or not listed.
**Percentage of cases per age group.
Note: Percentages may not total due to rounding.

Table 11. Living HIV disease cases in men who have sex with men and inject drugs, by selected race/

| | White | | Black/African American | | Hispanic | | Total | |
Geographic Area	Cases	%**	Cases	%**	Cases	%**	Cases	%***
Kansas City	102	60.0%	48	28.2%	11	6.5%	170	75.6%
Jackson County†	30	78.9%	5	13.2%	3	7.9%	38	16.9%
Clay County†	6	75.0%	1	12.5%	0	0.0%	8	3.6%
Cass County	7	77.8%	1	11.1%	0	0.0%	9	4.0%
Remaining Counties†	3	0.0%	0	0.0%	0	0.0%	0	0.0%
KANSAS CITY HIV CARE REGION TOTAL	148	65.8%	55	24.4%	14	6.2%	225	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.
†Outside the limits of Kansas City.
Note: Percentages may not total due to rounding.

There were t11 new HIV disease diagnoses attributed to MSM/IDU in 2021 for the Kansas City HIV Care Region (Table 9). There were 228 persons living with HIV disease attributed to MSM/IDU at the end of 2021 in the Kansas City HIV Care Region. Whites represented the largest proportion of both living HIV and AIDS cases.

Among all race/ethnic groups MSM/IDU living with HIV disease in the Kansas City HIV Care Region, the majority were between 45-64 years of age (Table 10).

There were differences in the distribution of living cases by race/ethnicity among the geographic areas for MSM/IDU (Table 11). Whites represented the highest proportion of living cases in all areas.

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

| | HIV Cases* | | | | Stage 3 (AIDS) Cases | | | |
| | Newly Diagnosed | | Living | | Newly Diagnosed** | | Living | |
Race/Ethnicity and Sex	Cases	%	Cases	%	Cases	%	Cases	%
White Male	0	0.0%	19	28.4%	0	0.0%	29	23.4%
Black/African American Male	0	0.0%	10	14.9%	0	0.0%	27	21.8%
Hispanic Male	0	0.0%	0	0.0%	0	0.0%	11	8.9%
White Female	3	75.0%	24	35.8%	1	100.0%	21	16.9%
Black/African American Female	1	25.0%	10	14.9%	0	0.0%	27	21.8%
Hispanic Female	0	0.0%	3	4.5%	0	0.0%	6	4.8%
KANSAS CITY HIV CARE REGION TOTAL†	4	100.0%	67	100.0%	1	100.0%	124	100.0%

*Remained HIV cases at the end of the year.
**Does not include HIV cases diagnosed prior to 2021 that progressed to stage 3 (AIDS) in 2021.
†Includes persons whose race/ethnicity is either unknown or not listed.
Note: Percentages may not total due to rounding.

Table 13. Living HIV disease cases in injecting drug users, by selected race/ethnicity and sex, by current age group, Kansas City HIV Care Region, 2021

| | White Males | | Black/African American Males | | White Females | | Black/African American Females | | Total* | |
Age Group	Cases	%**	Cases	%**	Cases	%**	Cases	%**	Cases	%**
13-18	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
19-24	0	0.0%	0	0.0%	0	0.0%	1	2.7%	1	0.5%
25-44	11	22.9%	2	5.4%	11	24.4%	4	10.8%	32	16.8%
45-64	30	62.5%	25	67.6%	31	68.9%	27	73.0%	131	68.6%
65+	7	14.6%	10	27.0%	3	6.7%	5	13.5%	27	14.1%
KANSAS CITY HIV CARE REGION TOTAL	48	100.0%	37	100.0%	45	100.0%	37	100.0%	191	100.0%

*Row totals and percentages include cases in persons whose race/ethnicity is either unknown or not listed.
**Percentage of cases per age group.
Note: Percentages may not total due to rounding.

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

| | White | | Black/African American | | Hispanic | | Total* | |
Geographic Area	Cases	%**	Cases	%**	Cases	%**	Cases	%***
Kansas City	51	35.9%	72	50.7%	17	12.0%	142	74.3%
Jackson County†	24	77.4%	2	6.5%	3	9.7%	31	16.2%
Clay County†	5	100.0%	0	0.0%	0	0.0%	5	2.6%
Cass County	6	100.0%	0	0.0%	0	0.0%	6	3.1%
Remaining Counties†	7	116.7%	0	0.0%	0	0.0%	6	3.1%
KANSAS CITY HIV CARE REGION TOTAL	93	48.7%	74	38.7%	20	10.5%	191	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.
†Outside the limits of Kansas City.
Note: Percentages may not total due to rounding.

There were five new HIV disease diagnoses attributed to IDU in 2021 for the Kansas City HIV Care Region (Table 12). There were 67 persons living with HIV disease attributed to IDU and 124 persons living with stage 3 (AIDS) attributed to IDU at the end of 2021 in the Kansas City HIV Care Region. White females represented the largest proportion of new HIV disease diagnoses attributed to IDU.

The majority of living HIV disease cases were between 45-64 years of age for all race/ethnicity and sex groups presented among IDU (Table 13).

There were differences in the distribution of living cases by race/ethnicity among the geographic areas for IDU (Table 14). In Kansas City, Black/African American IDU comprised a larger proportion of living cases. In Jackson County, Clay County, and remaining counties whites represented a larger proportion of living cases.

Table 15. Newly diagnosed and living HIV and stage 3 (AIDS) cases in heterosexual contacts, by selected race/ethnicity and sex, Kansas City 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	4.3%	0	0.0%	6	2.7%
Black/African American Male	1	5.9%	14	6.0%	2	18.2%	22	10.0%
Hispanic Male	1	5.9%	2	0.9%	0	0.0%	7	3.2%
White Female	4	23.5%	54	23.0%	2	18.2%	53	24.0%
Black/African American Female	8	47.1%	129	54.9%	6	54.5%	111	50.2%
Hispanic Female	3	17.6%	13	5.5%	1	9.1%	12	5.4%
KANSAS CITY HIV CARE REGION TOTAL†	17	100.0%	235	100.0%	11	100.0%	221	100.0%

*Remained HIV cases at the end of the year.
**Does not include HIV cases diagnosed prior to 2021 that progressed to stage 3 (AIDS) in 2021.
†Includes persons whose race/ethnicity is either unknown or not listed.
Note: Percentages may not total due to rounding.

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

Age Group	White Males		Black/African American Males		White Females		Black/African American Females		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%**	Cases	%**
13-18	0	0.0%	0	0.0%	0	0.0%	1	0.4%	1	0.2%
19-24	0	0.0%	1	2.8%	1	0.9%	11	4.6%	14	3.1%
25-44	7	43.8%	9	25.0%	30	28.0%	93	38.8%	159	34.9%
45-64	8	50.0%	21	58.3%	62	57.9%	121	50.4%	242	53.1%
65+	1	6.3%	5	13.9%	14	13.1%	14	5.8%	40	8.8%
KANSAS CITY HIV CARE REGION TOTAL	16	100.0%	36	100.0%	107	100.0%	240	100.0%	456	100.0%

*Row totals and percentages include cases in persons whose race/ethnicity is either unknown or not listed.
**Percentage of cases per age group.
Note: Percentages may not total due to rounding.

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

Geographic Area	White		Black/African American		Hispanic		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%***
Kansas City	70	19.8%	249	70.5%	20	5.7%	353	77.4%
Jackson County†	28	43.8%	20	31.3%	9	14.1%	64	14.0%
Clay County†	9	52.9%	4	23.5%	2	11.8%	17	3.7%
Cass County	6	60.0%	1	10.0%	3	30.0%	10	2.2%
Remaining Counties†	10	125.0%	0	0.0%	0	0.0%	8	1.8%
KANSAS CITY HIV CARE REGION TOTAL	123	27.0%	276	60.5%	34	7.5%	456	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.
†Outside the limits of Kansas City.
Note: Percentages may not total due to rounding.

There were a total of 28 new HIV disease diagnoses attributed to heterosexual contact in 2021 for the Kansas City HIV Care Region (Table 15). There were 433 persons living with HIV disease attributed to heterosexual contact at the end of 2021. Black/African American females represented the largest proportion of both new HIV disease diagnoses and people living with HIV among heterosexual contact cases.

At the end of 2021, the greatest proportion of heterosexual contact cases living with HIV disease was between 45-64 years of age for all gender and races (Table 16). Black/African American females had the largest proportion (52.6%) of heterosexual contact cases living with HIV disease.

There were differences in the distribution of living cases by race/ethnicity among the geographic areas for heterosexual contact cases (Table 17). In Kansas City, Black/African Americans represented the majority of heterosexual contact cases, while whites represented the majority of these cases in all other areas.

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

Exposure Category	HIV Cases				Stage 3 (AIDS) Cases			
	2021*		Living		2021**		Living	
Adult/Adolescent								
Men who have sex with men	72	75.8%	1,323	77.7%	12	75.0%	1,422	74.8%
Men who have sex with men and inject drugs	2	2.1%	86	5.1%	2	12.5%	132	6.9%
Injecting drug use	2	2.1%	64	3.8%	1	6.3%	132	6.9%
Heterosexual contact	19	20.0%	227	13.3%	1	6.3%	208	10.9%
Hemophilia/coagulation disorder	0	0.0%	1	0.1%	0	0.0%	5	0.3%
Blood transfusion or tissue recipient	0	0.0%	1	0.1%	0	0.0%	2	0.1%
No indicated risk (NIR)	-------	-----	-------		-------	-----	-------	
ADULT/ADOLESCENT SUBTOTAL	**95**	**100.0%**	**1,702 †**	**100.0%**	**16**	**100.0%**	**1,901**	**100.0%**
Pediatric (<13 years old)								
PEDIATRIC SUBTOTAL	**0**	**0.0%**	**17**	**100.0%**	**0**	**0.0%**	**5**	**100.0%**
TOTAL	**95**		**1,719**		**16**		**1,906**	

*HIV cases reported 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.
Note: Percentages may not total due to rounding.

The data in Table 18 have been adjusted to proportionately re-distribute individuals with no indicated risk factor based on sex and race/ethnicity to known exposure categories. These data do not reflect the true counts of persons reported in each exposure category. Among both new and living HIV and stage 3 (AIDS) cases, MSM represented the greatest proportion of cases.

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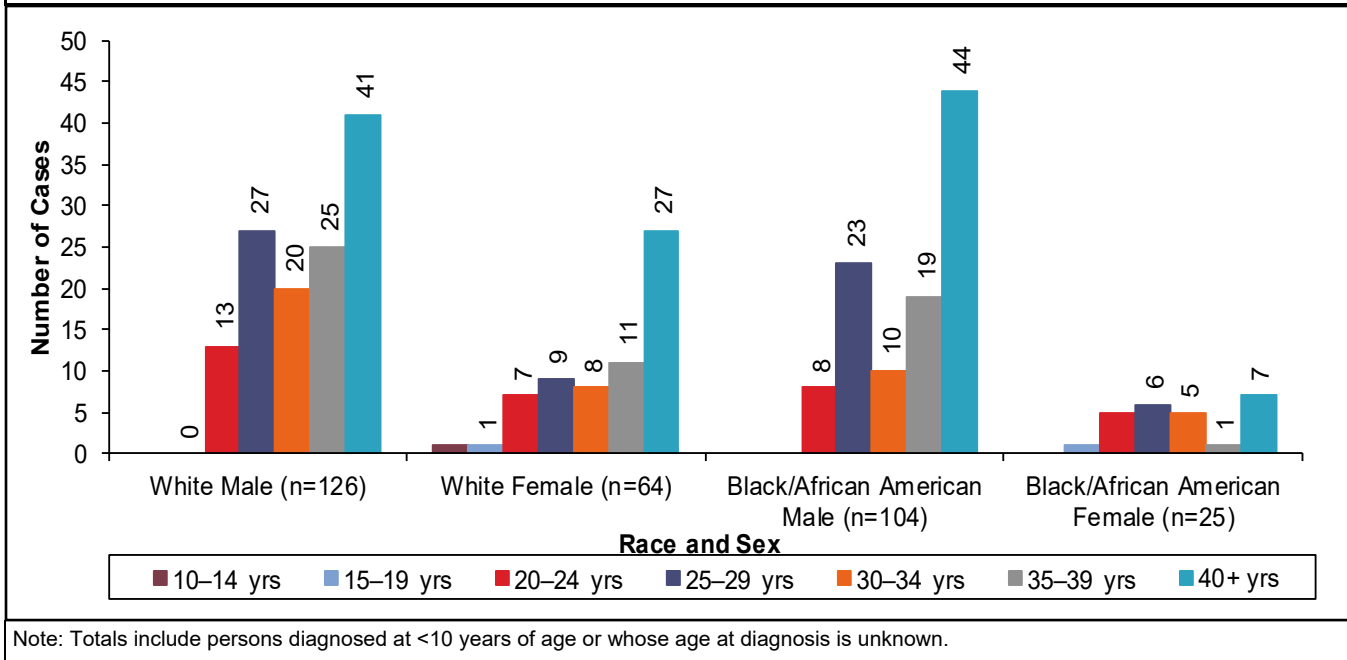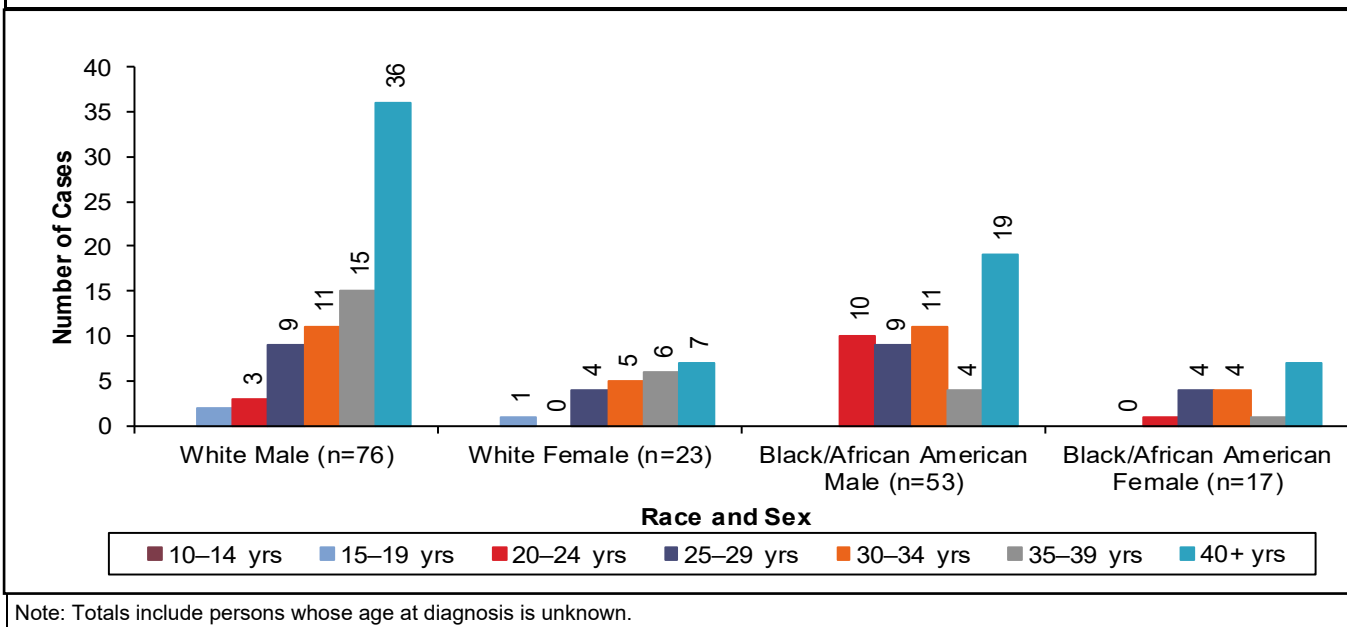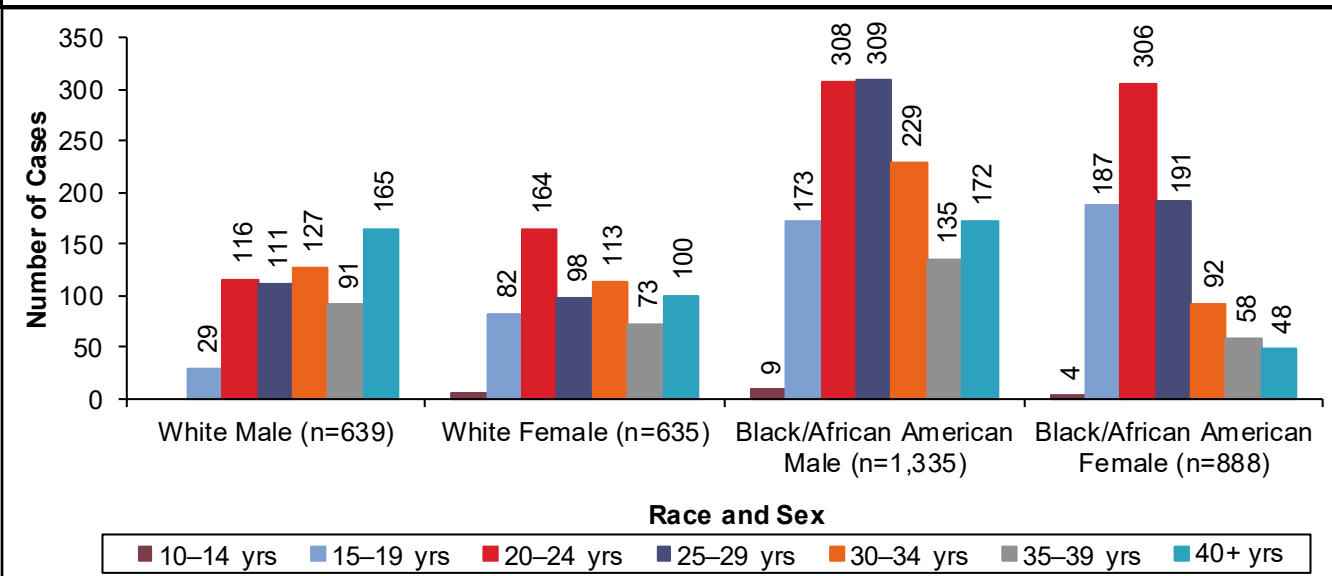

Note: Totals include persons diagnosed at <10 years of age or whose age at diagnosis is unknown.

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

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

There were 319 P&S syphilis cases reported in Kansas City HIV Care Region (Figure 8). The largest number of P&S syphilis cases was reported among white males (252), followed by Black/African American males (208). There were differences in the distribution of reported cases by age at diagnosis among the race/ethnicity and sex categories. Among white males and Black/African American males, the largest numbers of cases were reported among individuals 40 years of age and older.

There were 169 early latent syphilis cases reported in the Kansas City HIV Care Region (Figure 9). The largest number of early latent syphilis cases was reported among white males (76). Among white and Black/African American males, the largest number of cases were reported among individuals 40 or more years of age.

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

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

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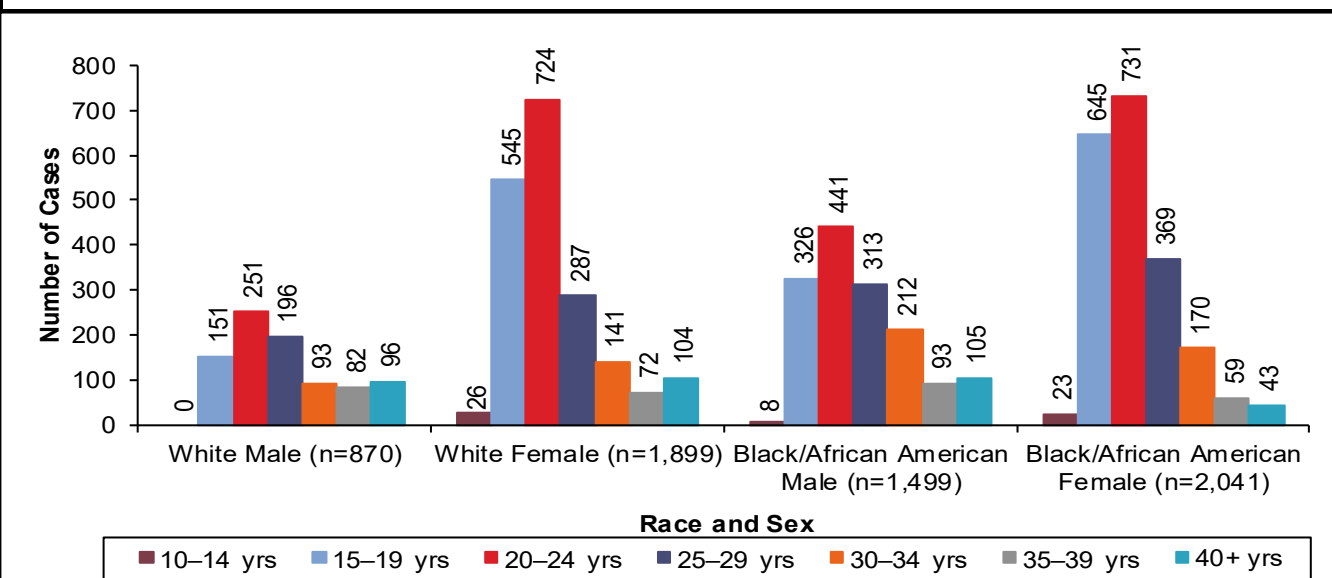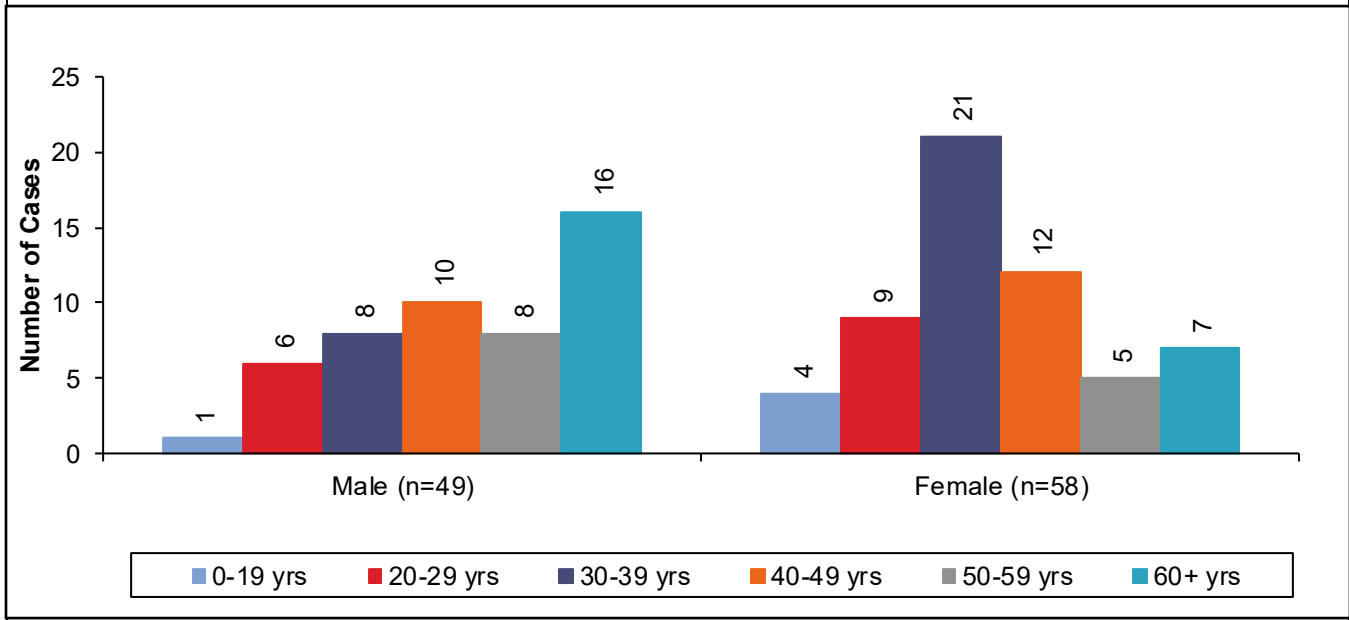

Note: Totals include persons diagnosed at <10 years of age or whose age at diagnosis is unknown.

There were 3,497 gonorrhea cases were reported in 2021. Among genders. males (56%) have the largest number of gonorrhea cases reported in 2021 (Figure 10). For race/ethnicity, Black/African Americans (64%) had the greatest proportion of gonorrhea cases. For age distribution, females had the greatest proportion of gonorrhea cases among those individuals 20-24 years of age. The largest number of cases for white males was among individuals 40 years or older while Black/African American males were between the ages of 20-29 years of age.

There were 6,309 chlamydia cases were reported in 2021. The largest number of chlamydia cases was reported among Black/African American females (2,041) (Figure 11). The largest number of cases was reported among individuals 20-24 years of age among all race/ethnicity and sex categories presented.

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

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

Figure 13. Reported hepatitis C cases, by sex and by age group at diagnosis, Kansas City HIV Care Region, 2021
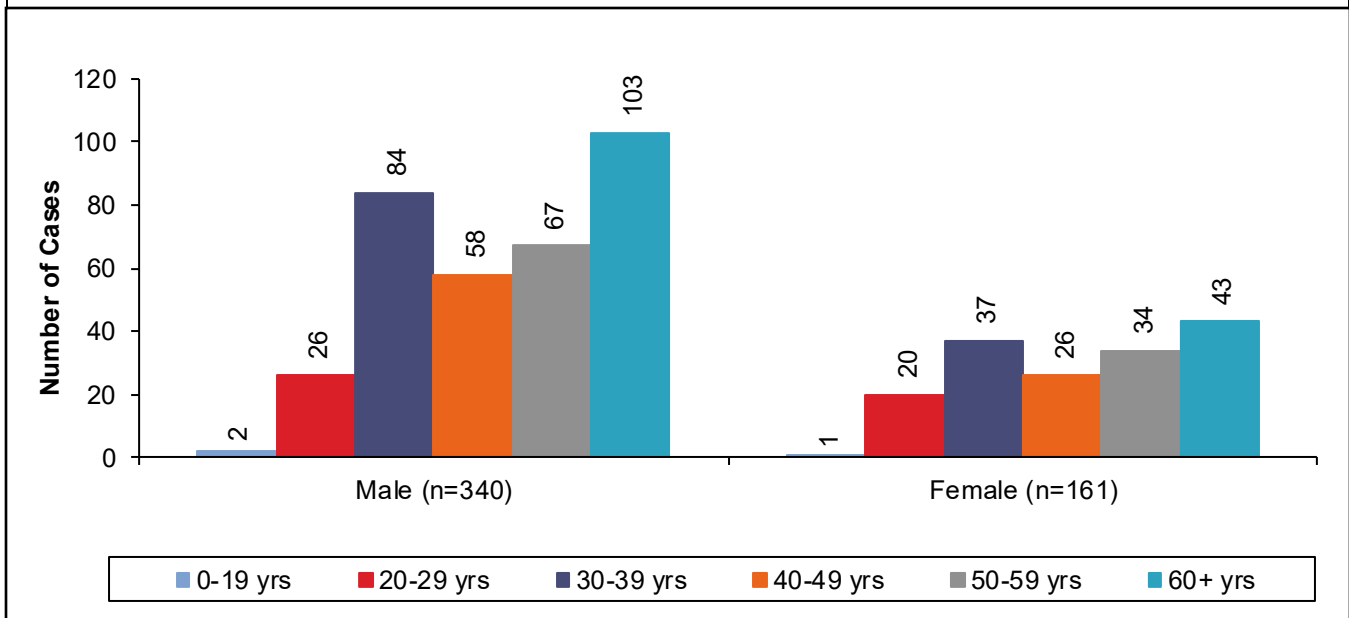
Note: Totals include persons whose age at diagnosis is unknown.

There were 107 reported cases of hepatitis B in the Kansas City HIV Care Region during 2021 (Figure 12). Females represented 54% of reported hepatitis B cases. There were differences in the age distribution of reported hepatitis B cases by sex. Among males, the largest proportion of cases was among individuals 60 years and older. The largest proportion of cases was 30-39 years old among females.

In 2021, there were 501 hepatitis C cases reported in the Kansas City HIV Care Region (Figure 13). Of the reported hepatitis C cases, 68% were male. The largest number of cases was reported among individuals 60 years of age and older among all race/ethnicity and sex categories presented.