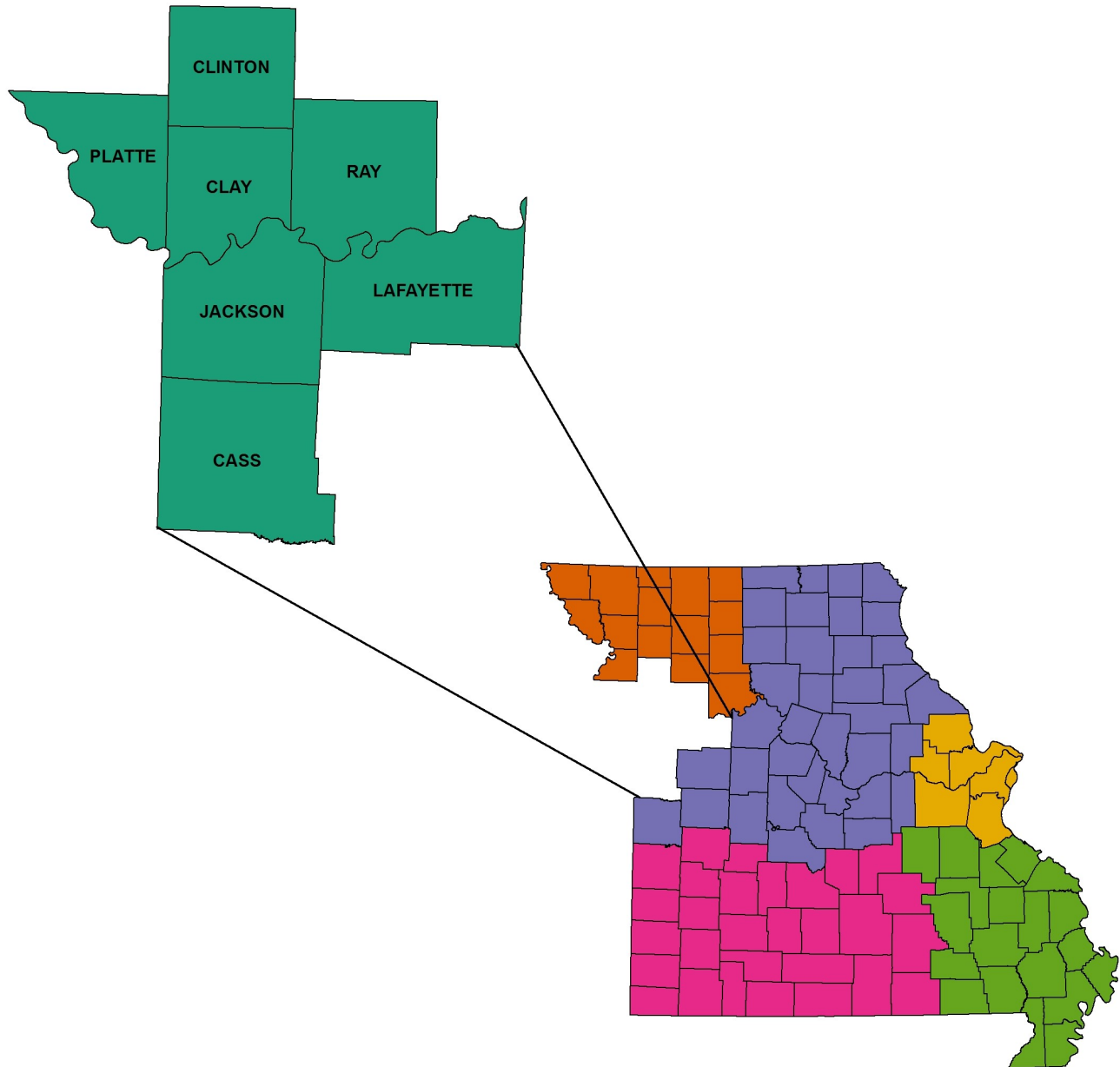


KANSAS CITY HIV CARE REGION



Population Counts, Kansas City HIV Care Region, 2019

County	White	Black/African American	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Two or More Races/Other	Total
Cass County	91,900 87.6%	4,325 4.1%	4,776 4.6%	963 0.9%	563 0.5%	2,427 2.3%	104,954
Clay County	198,750 80.7%	16,389 6.7%	17,175 7.0%	6,710 2.7%	1,181 0.5%	6,160 2.5%	246,365
Clinton County	19,154 93.6%	265 1.3%	473 2.3%	102 0.5%	121 0.6%	355 1.7%	20,470
Jackson County	436,277 62.3%	162,934 23.3%	63,768 9.1%	15,066 2.2%	2,715 0.4%	19,547 2.8%	700,307
Lafayette County	29,978 92.0%	670 2.1%	940 2.9%	213 0.7%	167 0.5%	630 1.9%	32,598
Platte County	83,099 80.7%	7,334 7.1%	6,369 6.2%	3,425 3.3%	405 0.4%	2,353 2.3%	102,985
Ray County	21,458 93.8%	301 1.3%	564 2.5%	94 0.4%	130 0.6%	336 1.5%	22,883
Region Total	880,616 71.6%	192,218 15.6%	94,065 7.6%	26,573 2.2%	5,282 0.4%	31,808 2.6%	1,230,562

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

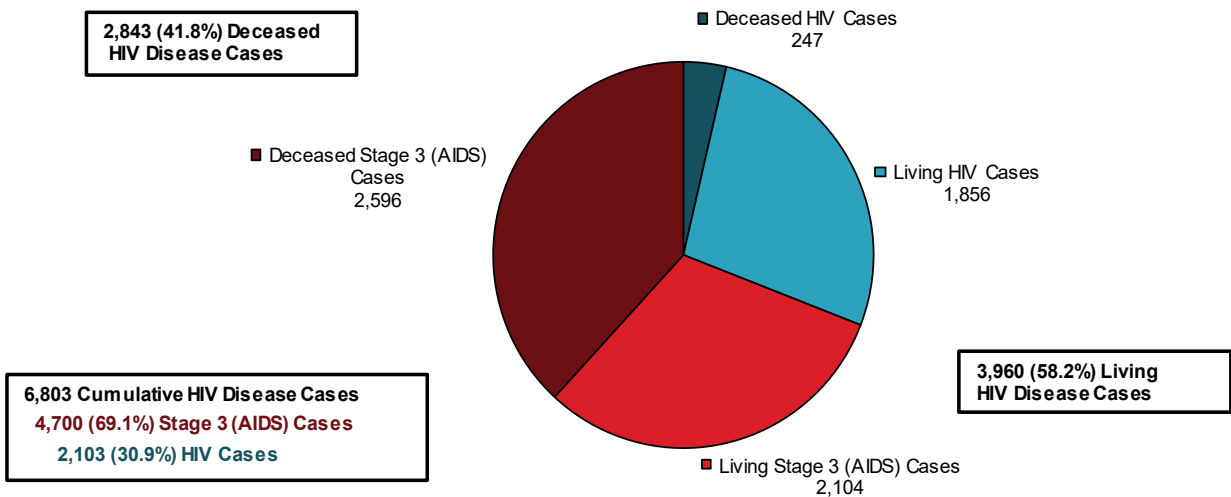
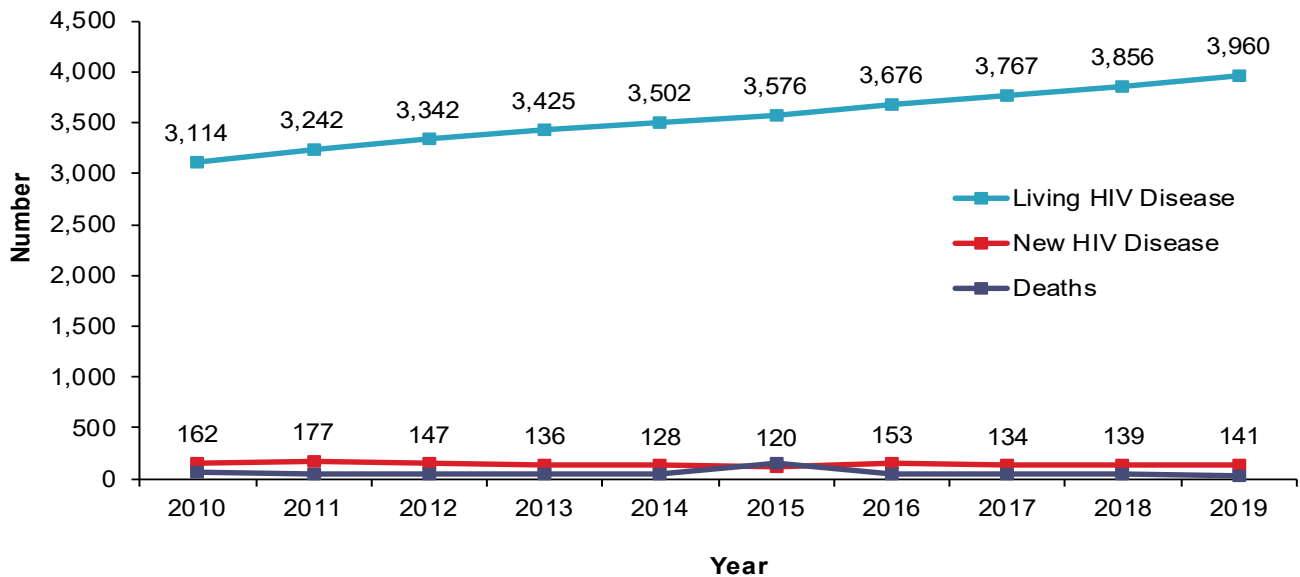


Figure 2. Living and new HIV disease cases and deaths by year*, Kansas City HIV Care Region, 2005—2019

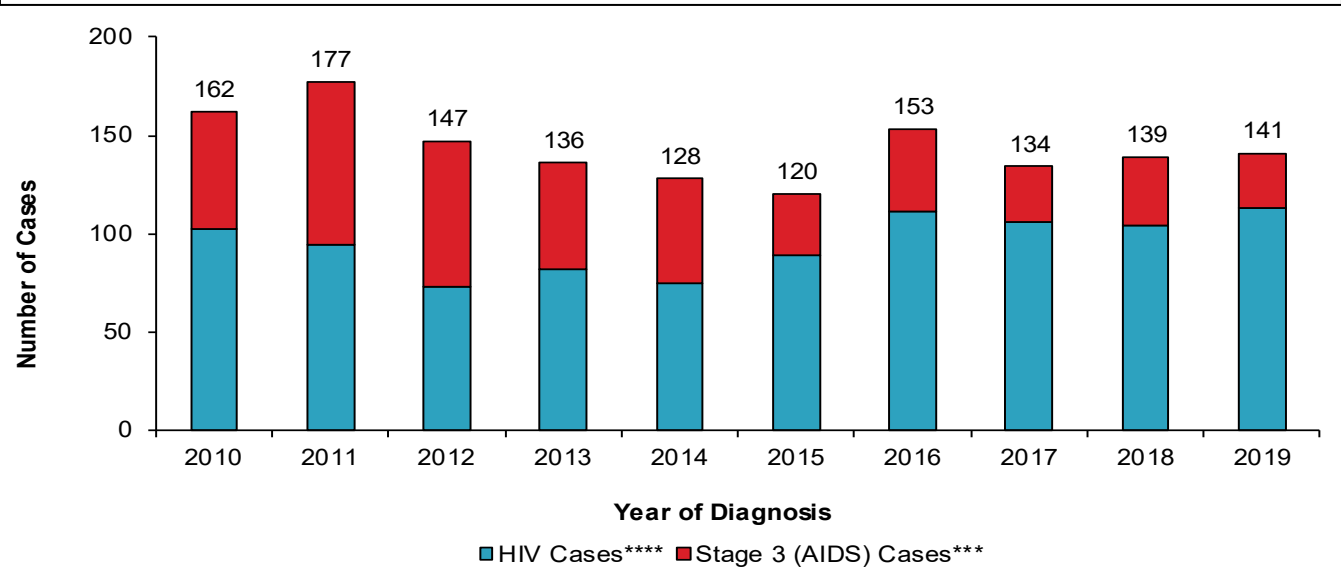


*For living HIV disease cases-the number of individuals living with HIV disease at the end of the year. For new HIV disease case s-the number of individuals newly diagnosed in the year. For HIV disease deaths-the number of individuals that died in the year.

From 1982 to 2019, there have been a total of 6,803 HIV disease cases diagnosed in the Kansas City HIV Care Region and reported to MDHSS (Figure 1). Of the cumulative cases reported, 58.2% were still presumed to be living with HIV disease at the end of 2019. Among those living with HIV disease at the end of 2019, 1,856 were classified as HIV cases and 2,104 were classified as stage 3 (AIDS) cases.

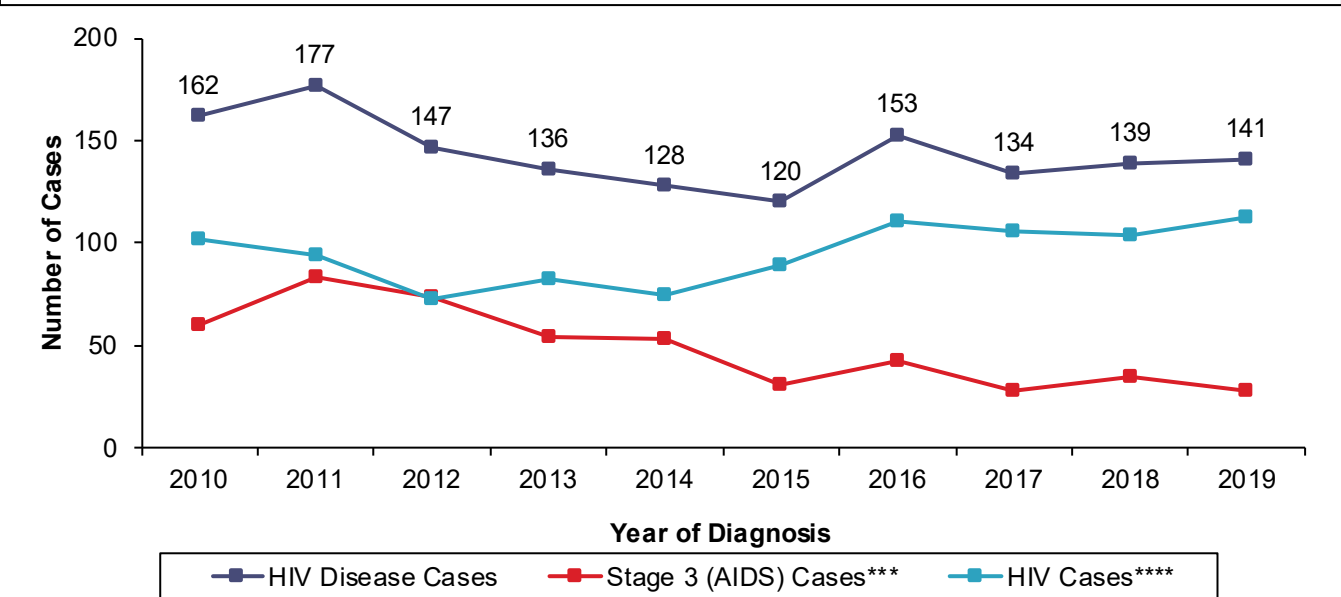
At the end of 2019, there were 3,960 persons living with HIV disease whose most recent diagnosis occurred in the Kansas City HIV Care Region (Figure 2). The number of people living with HIV disease increased every year. There were 141 new HIV disease diagnoses in 2019. The number of new diagnoses was generally stable with slight fluctuations between 2015 and 2016. The number of deaths among persons with HIV disease remained generally stable.

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



*HIV case vs. stage 3 (AIDS) case
 **Cases are indicated by year of initial diagnosis reported to MDHSS. (The year in which the first diagnosis of the person, whether as 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, 2019.

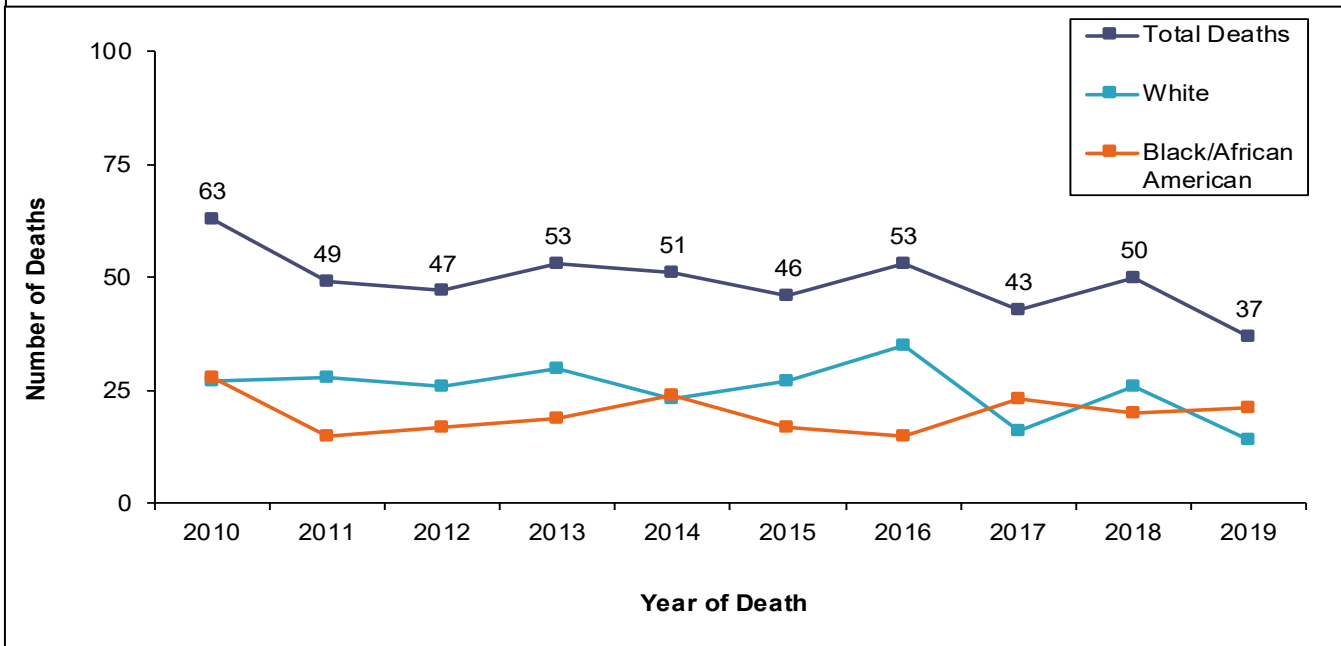
Figure 4. Reported HIV disease cases, by current status* and year of diagnosis, Kansas City HIV Care Region, 2010—2019**



*HIV case vs. stage 3 (AIDS) case
 **Cases are indicated by year of initial diagnosis reported to MDHSS. (The year in which the first diagnosis of the person, whether as 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, 2019.

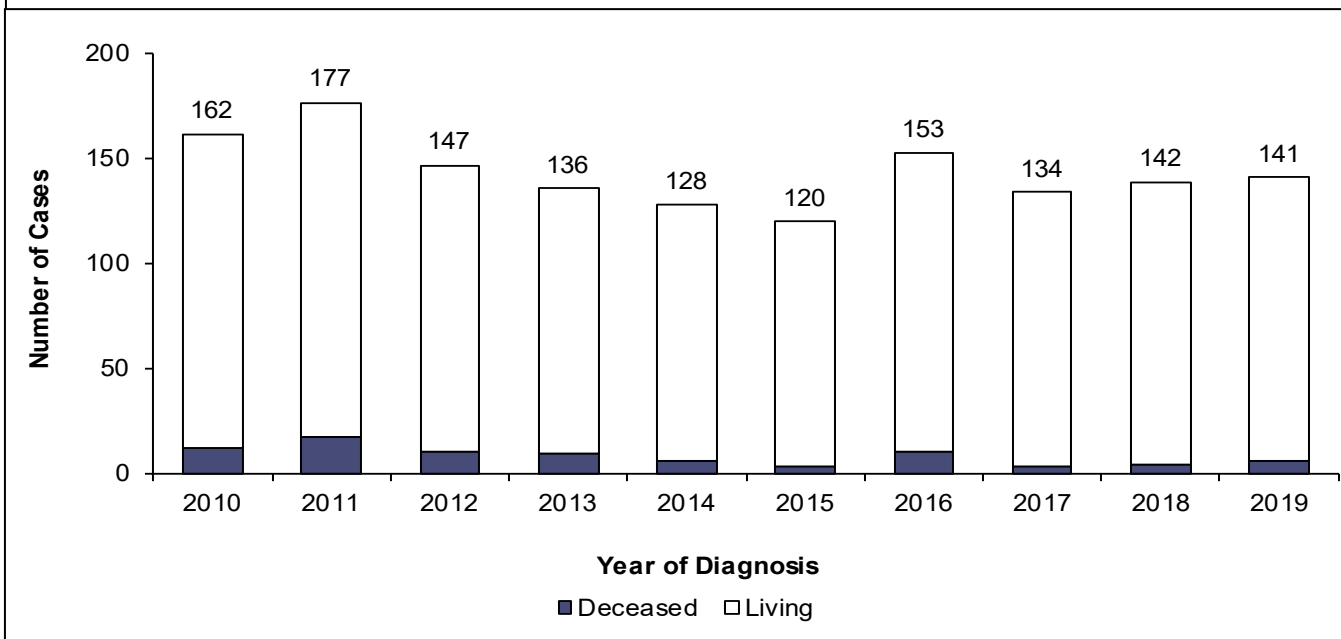
The number of new diagnoses remained generally stable with slight fluctuating decrease between 2012 and 2015 and slight increase in 2015 and 2016. Differences in the number of persons sub-classified as stage 3 (AIDS) cases each year are due to the progression of the disease over time.

Figure 5. HIV disease deaths*, by selected race, by year of death, Kansas City HIV Care Region, 2010–2019†



*Includes deaths that have occurred among those diagnosed with HIV disease in the Kansas City HIV Care Region.
 †Only includes deaths through December 31, 2019 and reported by February 28, 2020.

Figure 6. Persons diagnosed with HIV disease by current vital status* and year of diagnosis, Kansas City HIV Care Region, 2010–2019**



*Vital status on December 31, 2019.
 **Cases are indicated by year of initial diagnosis reported to MDHSS. (The year in which the first diagnosis of the person, whether as 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 2011 to 2015 with an increase in 2016.

Of the 162 persons diagnosed with HIV disease in 2010, 12 (7.4%) were deceased by the end of 2019 (Figure 6). Among the 141 persons first diagnosed in 2019, 6 (4.3%) were deceased at the end of 2019. The difference in the proportion of cases that are deceased is due to the length of time individuals have been living with the disease.

Table 1. Living[†] HIV, stage 3 (AIDS), and HIV disease cases, by sex, by race/ethnicity, by race/ethnicity and sex, and by current age, Kansas City HIV Care Region, 2019

	HIV*			Stage 3 (AIDS)**			HIV Disease***		
	Cases	%	Rate****	Cases	%	Rate****	Cases	%	Rate****
Sex									
Male	1,540	83.0%	256.9	1,780	84.6%	296.9	3,320	83.8%	553.7
Female	316	17.0%	50.1	324	15.4%	51.3	640	16.2%	101.4
Total	1,856	100.0%	150.8	2,104	100.0%	171.0	3,960	100.0%	321.8
Race/Ethnicity									
White	888	47.8%	100.8	1,029	48.9%	116.9	1,917	48.4%	217.7
Black/African American	757	40.8%	393.8	830	39.4%	431.8	1,587	40.1%	825.6
Hispanic	152	8.2%	161.6	168	8.0%	178.6	320	8.1%	340.2
Asian/Pacific Islander	18	1.0%	67.7	17	0.8%	64.0	35	0.9%	131.7
American Indian/Alaskan Native	7	0.4%	132.5	2	0.1%	37.9	9	0.2%	170.4
Two or More Races/Unknown	34	1.8%	--	58	2.8%	--	92	2.3%	--
Total	1,856	100.0%	150.8	2,104	100.0%	171.0	3,960	100.0%	321.8
Race/Ethnicity-Males									
White Male	798	51.8%	958.0	947	53.2%	219.7	1,745	52.6%	404.9
Black/African American Male	556	36.1%	618.0	626	35.2%	692.8	1,182	35.6%	1308.1
Hispanic Male	137	8.9%	130.0	146	8.2%	307.7	283	8.5%	596.4
Asian/Pacific Islander Male	16	1.0%	12.0	12	0.7%	95.3	28	0.8%	222.3
American Indian/Alaskan Native Male	7	0.5%	2.0	2	0.1%	75.9	9	0.3%	341.6
Two or More Races/Unknown Male	26	1.7%	35.0	47	2.6%	--	73	2.2%	--
Total	1,540	100.0%	256.9	1,780	100.0%	296.9	3,320	100.0%	553.7
Race/Ethnicity-Females									
White Female	90	28.5%	20.0	82	25.3%	18.2	172	26.9%	38.3
Black/African American Female	201	63.6%	197.3	204	63.0%	200.3	405	63.3%	397.6
Hispanic Female	15	4.7%	32.2	22	6.8%	47.2	37	5.8%	79.4
Asian/Pacific Islander Female	2	0.6%	14.3	5	1.5%	35.8	7	1.1%	50.1
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	8	2.5%	--	11	3.4%	--	19	3.0%	--
Total	316	100.0%	50.1	324	100.0%	51.3	640	100.0%	101.4
Current Age[‡]									
<2	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
2-12	4	0.2%	2.2	0	0.0%	0.0	4	0.1%	2.2
13-18	12	0.6%	12.5	1	0.0%	1.0	13	0.3%	13.5
19-24	88	4.7%	104.0	6	0.3%	7.1	94	2.4%	111.0
25-44	861	46.4%	254.0	517	24.6%	152.5	1,378	34.8%	406.6
45-64	783	42.2%	248.8	1,344	63.9%	427.1	2,127	53.7%	675.9
65+	108	5.8%	58.0	236	11.2%	126.8	344	8.7%	184.8
Total	1,856	100.0%	150.8	2,104	100.0%	171.0	3,960	100.0%	321.8

[†]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 2019.

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

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

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

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

Note: Percentages may not total due to rounding.

Table 2. Diagnosed HIV, stage 3 (AIDS), and HIV disease cases, by sex, by race/ethnicity, by race/ethnicity and sex, and current age, Kansas City HIV Care Region, 2019

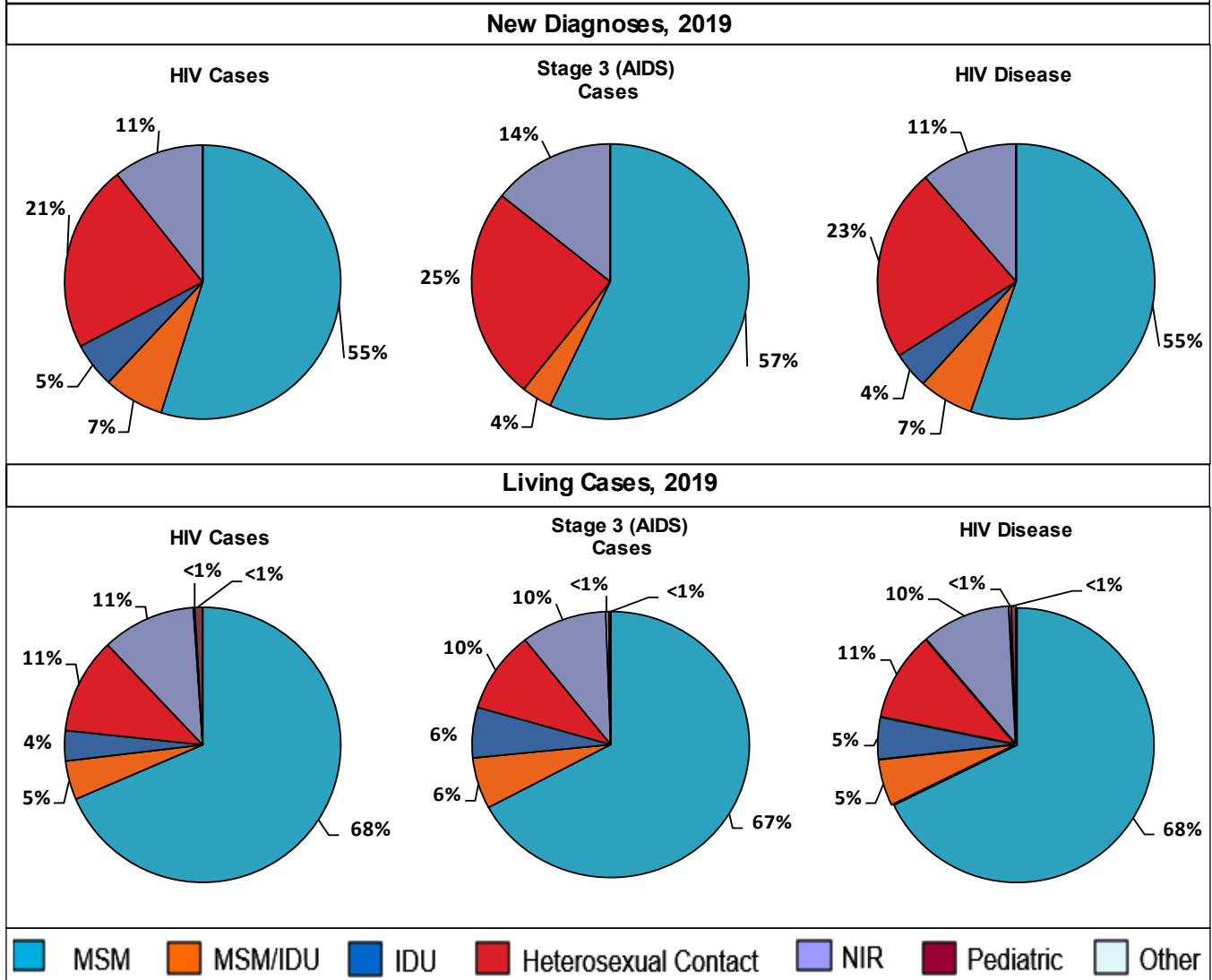
	HIV*			Stage 3 (AIDS)**			HIV Disease***		
	Cases	%	Rate****	Cases	%	Rate****	Cases	%	Rate****
Sex									
Male	87	77.0%	14.5	21	75.0%	3.5	108	76.6%	18.0
Female	26	23.0%	4.1	7	25.0%	1.1	33	23.4%	5.2
Total	113	100.0%	9.2	28	100.0%	2.3	141	100.0%	11.5
Race/Ethnicity									
White	45	39.8%	5.1	11	39.3%	1.2	56	39.7%	6.4
Black/African American	49	43.4%	25.5	13	46.4%	6.8	62	44.0%	32.3
Hispanic	14	12.4%	14.9	2	7.1%	2.1	16	11.3%	17.0
Asian/Pacific Islander	0	0.0%	0.0	1	3.6%	3.8	1	0.7%	3.8
American Indian/Alaskan Native	1	0.9%	18.9	0	0.0%	0.0	1	0.7%	18.9
Two or More Races/Unknown	4	3.5%	--	1	3.6%	--	5	3.5%	--
Total	113	100.0%	9.2	28	100.0%	2.3	141	100.0%	11.5
Race/Ethnicity-Males									
White Male	36	41.4%	8.4	6	28.6%	1.4	42	38.9%	9.7
Black/African American Male	34	39.1%	37.6	12	57.1%	13.3	46	42.6%	50.9
Hispanic Male	14	16.1%	29.5	1	4.8%	2.1	15	13.9%	31.6
Asian/Pacific Islander Male	0	0.0%	0.0	1	4.8%	7.9	1	0.9%	7.9
American Indian/Alaskan Native Male	1	1.1%	38.0	0	0.0%	0.0	1	0.9%	38.0
Two or More Races/Unknown Male	2	2.3%	--	1	4.8%	--	3	2.8%	--
Total	87	100.0%	14.5	21	100.0%	3.5	108	100.0%	18.0
Race/Ethnicity-Females									
White Female	9	34.6%	2.0	5	71.4%	1.1	14	42.4%	3.1
Black/African American Female	15	57.7%	14.7	1	14.3%	1.0	16	48.5%	15.7
Hispanic Female	0	0.0%	0.0	1	14.3%	2.1	1	3.0%	2.1
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	2	7.7%	--	0	0.0%	--	2	6.1%	--
Total	26	100.0%	4.1	7	100.0%	1.1	33	100.0%	5.2
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	3	2.7%	3.1	0	0.0%	0.0	3	2.1%	3.1
19-24	25	22.1%	29.5	1	3.6%	1.2	26	18.4%	30.7
25-44	65	57.5%	19.2	17	60.7%	5.0	82	58.2%	24.2
45-64	19	16.8%	6.0	8	28.6%	2.5	27	19.1%	8.6
65+	1	0.9%	0.5	2	7.1%	1.1	3	2.1%	1.6
Total	113	100.0%	9.2	28	100.0%	2.3	141	100.0%	11.5
<p>*HIV cases diagnosed during 2019 which remained HIV cases at the end of the year. **Stage 3 (AIDS) cases initially diagnosed in 2019. ***The sum of newly diagnosed HIV cases and newly diagnosed stage 3 (AIDS) cases. Does not include cases diagnosed prior to 2019 with HIV, which progressed to stage 3 (AIDS) in 2019. ****Per 100,000 population based on 2018 MDHSS estimates. †Based on age as of December 31, 2019. Note: Percentages may not total due to rounding.</p>									

Epi Profiles Summary: Kansas City HIV Care Region

Of the 3,960 persons living with HIV disease at the end of 2019, 84% were males (Table 1). The rate of those living with HIV disease among males was 5.5 times as high as the rate among females. Although whites represented the largest proportion of living HIV disease cases (48.4%), the rate of those living with HIV disease among blacks/African Americans was 3.8 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 blacks/African Americans was 3.2 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 blacks/African Americans was 10.4 times as high as the rate among whites, and 2.1 times as high among Hispanics compared to whites.

Of the 141 persons newly diagnosed with HIV disease in 2019, 20% were classified as AIDS cases by the end of 2019 (Table 2). The rate of new HIV disease diagnoses was 3.5 times as high among males compared to females. The rate of new HIV disease cases among blacks/African Americans was 5.0 times as high as the rate among whites, and 2.7 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, 2019



Among all categories, the majority of cases were attributed to MSM (Figure 7). 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, Kansas City HIV Care Region, 2019

Geographic Area	HIV Cases						Stage 3 (AIDS) Cases					
	Diagnosed 2019*			Living			Diagnosed 2019**			Living		
	Cases	%	Rate***	Cases	%	Rate***	Cases	%	Rate***	Cases	%	Rate***
Kansas City	78	69.0%	15.9	1,449	78.1%	294.6	20	71.4%	4.1	1,700	80.8%	345.6
Jackson County†	19	16.8%	4.9	246	13.3%	64.0	7	25.0%	1.8	275	13.1%	71.5
Clay County†	5	4.4%	4.2	70	3.8%	58.4	0	0.0%	0.0	63	3.0%	52.5
Cass County†	8	7.1%	7.6	45	2.4%	43.0	0	0.0%	0.0	37	1.8%	35.3
Platte County†	3	2.7%	5.6	29	1.6%	54.2	0	0.0%	0.0	13	0.6%	24.3
Remainder of Region	0	0.0%	0.0	17	0.9%	22.4	1	3.6%	1.3	16	0.8%	21.1
KANSAS CITY HIV CARE REGION TOTAL	113	100.0%	9.2	1,856	100.0%	150.8	28	100.0%	2.3	2,104	100.0%	171.0

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

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

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

†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, 2019

Area	White			Black/African American			Hispanic			Total**		
	Cases	%	Rate*	Cases	%	Rate*	Cases	%	Rate*	Cases	%	Rate*
Kansas City	7	35.0%	2.6	11	55.0%	7.9	1	5.0%	2.0	20	100.0%	41.0
Jackson County†	3	42.9%	1.0	2	28.6%	5.7	1	14.3%	3.9	7	100.0%	26.0
Remainder of Region†	1	100.0%	0.3	0	0.0%	0.0	0	0.0%	0.0	1	100.0%	6.3
KANSAS CITY HIV CARE REGION TOTAL	11	39.3%	1.2	13	46.4%	6.8	2	7.1%	2.1	28	100.0%	30.6

*Per 100,000 population based on 2018 MDHSS 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, 2019

Area	White			Black/African American			Hispanic			Total**		
	Cases	%	Rate*	Cases	%	Rate*	Cases	%	Rate*	Cases	%	Rate*
Kansas City	27	34.6%	9.9	39	50.0%	27.8	9	11.5%	18.0	78	100.0%	159.8
Jackson County†	7	36.8%	2.3	6	31.6%	17.0	5	26.3%	19.3	19	100.0%	70.5
Remainder of Region†	0	#DIV/0!	0.0	0	#DIV/0!	0.0	0	#DIV/0!	0.0	0	100.0%	0.0
KANSAS CITY HIV CARE REGION TOTAL	45	39.8%	5.1	49	43.4%	25.5	14	12.4%	14.9	113	100.0%	123.3

*Per 100,000 population based on 2018 MDHSS 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 blacks/African Americans were observed in Kansas City HIV Region Care Region (Table 4). In Kansas City, blacks/African Americans comprised the greatest proportion of new HIV cases. Whites comprised the largest proportion of new HIV cases in Jackson County and the remainder of the region.

In Kansas City blacks/African Americans represented the greatest number of new stage 3 (AIDS) cases. Jackson County had fairly equal proportion of race represented in new stage 3 (AIDS) cases. The remainder of the region had no cases (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, 2019

Race/Ethnicity	HIV Cases*				Stage 3 (AIDS) Cases			
	Newly Diagnosed		Living		Newly Diagnosed**		Living	
	Cases	%	Cases	%	Cases	%	Cases	%
White	29	46.8%	680	53.5%	6	37.5%	774	54.8%
Black/African American	20	32.3%	440	34.6%	7	43.8%	488	34.5%
Hispanic	11	17.7%	116	9.1%	1	6.3%	103	7.3%
Other/Unknown	2	3.2%	36	2.8%	2	12.5%	48	3.4%
KANSAS CITY HIV CARE REGION TOTAL	62	100.0%	1,272	100.0%	16	100.0%	1,413	100.0%

*Remained HIV cases at the end of the year.

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

Note: Percentages may not total due to rounding.

Table 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, 2019

Age Group	White		Black/African American		Hispanic		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%**
13-18	1	0.1%	2	0.2%	1	0.5%	4	0.1%
19-24	20	1.4%	42	4.5%	2	0.9%	65	2.4%
25-44	380	26.1%	450	48.5%	106	48.4%	973	36.2%
45-64	891	61.3%	395	42.6%	101	46.1%	1,426	53.1%
65+	162	11.1%	39	4.2%	9	4.1%	217	8.1%
KANSAS CITY HIV CARE REGION TOTAL	1,454	100.0%	928	100.0%	219	100.0%	2,685	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, 2019

Geographic Area	White		Black/African American		Hispanic		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%***
Kansas City	1,110	50.9%	845	38.8%	166	7.6%	2,179	81.2%
Jackson County†	210	67.1%	68	21.7%	26	8.3%	313	11.7%
Clay County†	68	79.1%	8	9.3%	8	9.3%	86	3.2%
Cass County†	36	87.8%	6	14.6%	0	0.0%	41	1.5%
Platte County†	19	73.1%	2	7.7%	4	15.4%	26	1.0%
Remaining Counties†	11	28.2%	2	5.1%	5	12.8%	39	1.5%
KANSAS CITY HIV CARE REGION TOTAL	1,454	54.2%	931	34.7%	209	7.8%	2,685	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 62 new HIV disease diagnoses attributed to MSM in 2019 for the Kansas City HIV Care Region (Table 6). Whites represented a greater proportion of new HIV cases diagnosed in 2019 among MSM (46.8%) compared to the proportion of living HIV cases diagnosed among black/African American MSM (32.3%). Of the newly diagnosed cases among MSM, 16 (20.5%) progressed to stage 3 (AIDS) by the end of 2019.

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 (53.1%) were between 45-64 years of age at the end of 2019. In contrast, only 48.5% of living black/African American and 48.4% 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 (2,179).

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, 2019

Race/Ethnicity	HIV Cases*				Stage 3 (AIDS) Cases			
	Newly Diagnosed		Living		Newly Diagnosed**		Living	
	Cases	%	Cases	%	Cases	%	Cases	%
White	4	50.0%	57	67.1%	0	0.0%	87	66.4%
Black/African American	3	37.5%	18	21.2%	1	100.0%	34	26.0%
Hispanic	1	12.5%	7	8.2%	0	0.0%	6	4.6%
Other/Unknown	0	0.0%	3	3.5%	0	0.0%	4	3.1%
KANSAS CITY HIV CARE REGION TOTAL	8	100.0%	85	100.0%	1	100.0%	131	100.0%

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

Table 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, 2019

Age Group	White		Black/African American		Hispanic		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%**
13-18	0	0.0%	0	0.0%	0	0.0%	0	0.0%
19-24	3	2.1%	0	0.0%	1	7.7%	0	0.0%
25-44	40	27.8%	13	25.0%	6	46.2%	3	42.9%
45-64	86	59.7%	36	69.2%	6	46.2%	4	57.1%
65+	15	10.4%	3	5.8%	0	0.0%	0	0.0%
KANSAS CITY HIV CARE REGION TOTAL	144	100.0%	52	100.0%	13	100.0%	7	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/ethnicity, by geographic area, Kansas City HIV Care Region, 2019

Geographic Area	White		Black/African American		Hispanic		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%***
Kansas City	102	17.0%	45	7.5%	10	1.7%	6	85.7%
Jackson County [†]	26	0.0%	5	0.0%	3	0.0%	0	0.0%
Clay County [†]	6	6.0%	1	1.0%	0	0.0%	1	14.3%
Remaining Counties [†]	10	0.0%	1	0.0%	0	0.0%	0	0.0%
KANSAS CITY HIV CARE REGION TOTAL	144	23.0%	52	7.4%	13	1.9%	7	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 8 new HIV disease diagnoses attributed to MSM/IDU in 2019 for the Kansas City HIV Care Region (Table 9). There were 85 persons living with HIV disease attributed to MSM/IDU at the end of 2019 in the Kansas City HIV Care Region. Whites represented the largest proportion of both living HIV and AIDS cases.

Among white and black/African American MSM/IDU living with HIV disease in the Kansas City HIV Care Region, the majority were between 45-64 years of age (Table 10). Hispanics had an equal proportion between 25-44 years of age and 45-64 years of age.

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, 2019

Race/Ethnicity and Sex	HIV Cases*				Stage 3 (AIDS) Cases			
	Newly Diagnosed		Living		Newly Diagnosed**		Living	
	Cases	%	Cases	%	Cases	%	Cases	%
White Male	0	0.0%	18	27.3%	0	--	29	22.8%
Black/African American Male	0	0.0%	11	16.7%	0	--	32	25.2%
Hispanic Male	0	0.0%	0	0.0%	0	--	11	8.7%
White Female	5	83.3%	24	36.4%	0	--	19	15.0%
Black/African American Female	1	16.7%	11	16.7%	0	--	28	22.0%
Hispanic Female	0	0.0%	2	3.0%	0	--	6	4.7%
KANSAS CITY HIV CARE REGION TOTAL†	6	100.0%	66	100.0%	0	--	127	100.0%

*Remained HIV cases at the end of the year.

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

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

Note: Percentages may not total due to rounding.

Table 13. Living HIV disease cases in injecting drug users, by selected race/ethnicity and sex, by current age group, Kansas City HIV Care Region, 2019

Age Group	White Males		Black/African American Males		White Females		Black/African American Females		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%**	Cases	%**
	13-18	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
19-24	0	0.0%	0	0.0%	0	0.0%	1	2.6%	1	0.5%
25-44	10	21.3%	3	7.0%	13	30.2%	3	7.7%	32	16.4%
45-64	30	63.8%	33	76.7%	27	62.8%	28	71.8%	137	70.3%
65+	7	14.9%	7	16.3%	3	7.0%	7	17.9%	25	12.8%
KANSAS CITY HIV CARE REGION TOTAL	47	100.0%	43	100.0%	43	100.0%	39	100.0%	195	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, 2019

Geographic Area	White		Black/African American		Hispanic		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%***
Kansas City	49	33.1%	80	54.1%	16	10.8%	148	75.9%
Jackson County†	23	79.3%	2	6.9%	3	10.3%	29	14.9%
Clay County†	5	100.0%	0	0.0%	0	0.0%	5	2.6%
Remaining Counties†	13	100.0%	0	0.0%	0	0.0%	13	6.7%
KANSAS CITY HIV CARE REGION TOTAL	90	46.2%	82	42.1%	19	9.7%	195	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 6 new HIV disease diagnoses attributed to IDU in 2019 for the Kansas City HIV Care Region (Table 12). There were 66 persons living with HIV disease attributed to IDU and 127 persons living with stage 3 (AIDS) attributed to IDU at the end of 2019 in the Kansas City HIV Care Region. White females represented the largest proportion of HIV cases 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, 2019

Race/Ethnicity and Sex	HIV Cases*				Stage 3 (AIDS) Cases			
	Newly Diagnosed		Living		Newly Diagnosed**		Living	
	Cases	%	Cases	%	Cases	%	Cases	%
White Male	1	4.0%	7	3.3%	0	0.0%	7	3.4%
Black/African American Male	7	28.0%	14	6.7%	1	14.3%	19	9.1%
Hispanic Male	1	4.0%	2	1.0%	0	0.0%	7	3.4%
White Female	3	12.0%	50	23.9%	4	57.1%	52	25.0%
Black/African American Female	12	48.0%	118	56.5%	1	14.3%	103	49.5%
Hispanic Female	0	0.0%	9	4.3%	1	14.3%	12	5.8%
KANSAS CITY HIV CARE REGION TOTAL †	25	100.0%	209	100.0%	7	100.0%	208	100.0%

*Remained HIV cases at the end of the year.

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

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

Note: Percentages may not total due to rounding.

Table 16. Living HIV disease cases in heterosexual contacts, by selected race/ethnicity and sex, by current age group, Kansas City HIV Care Region, 2019

Age Group	White Males		Black/African American Males		White Females		Black/African American Females		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%**	Cases	%**
	13-18	0	0.0%	1	3.0%	0	0.0%	0	0.0%	1
19-24	0	0.0%	1	3.0%	2	2.0%	8	3.6%	11	2.6%
25-44	4	28.6%	8	24.2%	26	25.5%	92	41.6%	148	35.5%
45-64	8	57.1%	19	57.6%	63	61.8%	107	48.4%	219	52.5%
65+	2	14.3%	4	12.1%	11	10.8%	14	6.3%	38	9.1%
KANSAS CITY HIV CARE REGION TOTAL	14	100.0%	33	100.0%	102	100.0%	221	100.0%	417	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, 2019

Geographic Area	White		Black/African American		Hispanic		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%***
Kansas City	66	20.6%	227	70.9%	18	5.6%	320	76.7%
Jackson County†	27	43.5%	21	33.9%	8	12.9%	62	14.9%
Clay County†	8	50.0%	4	25.0%	2	12.5%	16	3.8%
Remaining Counties†	15	78.9%	2	10.5%	2	10.5%	19	4.6%
KANSAS CITY HIV CARE REGION TOTAL	116	27.8%	254	60.9%	30	7.2%	417	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 25 new HIV disease diagnoses attributed to heterosexual contact in 2019 for the Kansas City HIV Care Region (Table 15). There were 209 persons living with HIV disease attributed to heterosexual contact at the end of 2019. Black/African American females represented the largest proportion of both living HIV (56.5%) and stage 3 (AIDS) (49.5%) cases among heterosexual contact cases.

At the end of 2019, 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 (52.9%) 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, blacks/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 exposure category assignments for Kansas City HIV Care Region, 2019

Exposure Category	HIV Cases				Stage 3 (AIDS) Cases			
	2019*		Living		2019**		Living	
Adult/Adolescent								
Men who have sex with men	70	59.3%	1,377	75.0%	18	60.0%	1,512	72.1%
Men who have sex with men and inject drugs	9	7.6%	90	4.9%	1	3.3%	139	6.6%
Injecting drug use	7	5.9%	79	4.3%	0	0.0%	156	7.4%
Heterosexual contact	31	26.3%	287	15.6%	11	36.7%	283	13.5%
Hemophilia/coagulation disorder	0	0.0%	1	0.1%	0	0.0%	5	0.2%
Blood transfusion or tissue recipient	0	0.0%	1	0.1%	0	0.0%	2	0.1%
No indicated risk (NIR)	----	-----	----	-----	----	-----	----	-----
ADULT/ADOLESCENT SUBTOTAL	118	100.0%	1,836 †	100.0%	30	100.0%	2,097	100.0%
Pediatric (<13 years old)								
PEDIATRIC SUBTOTAL	0	0.0%	17	100.0%	0	0.0%	5	100.0%
TOTAL	118		1,853		30		2,102	

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

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

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, 2019

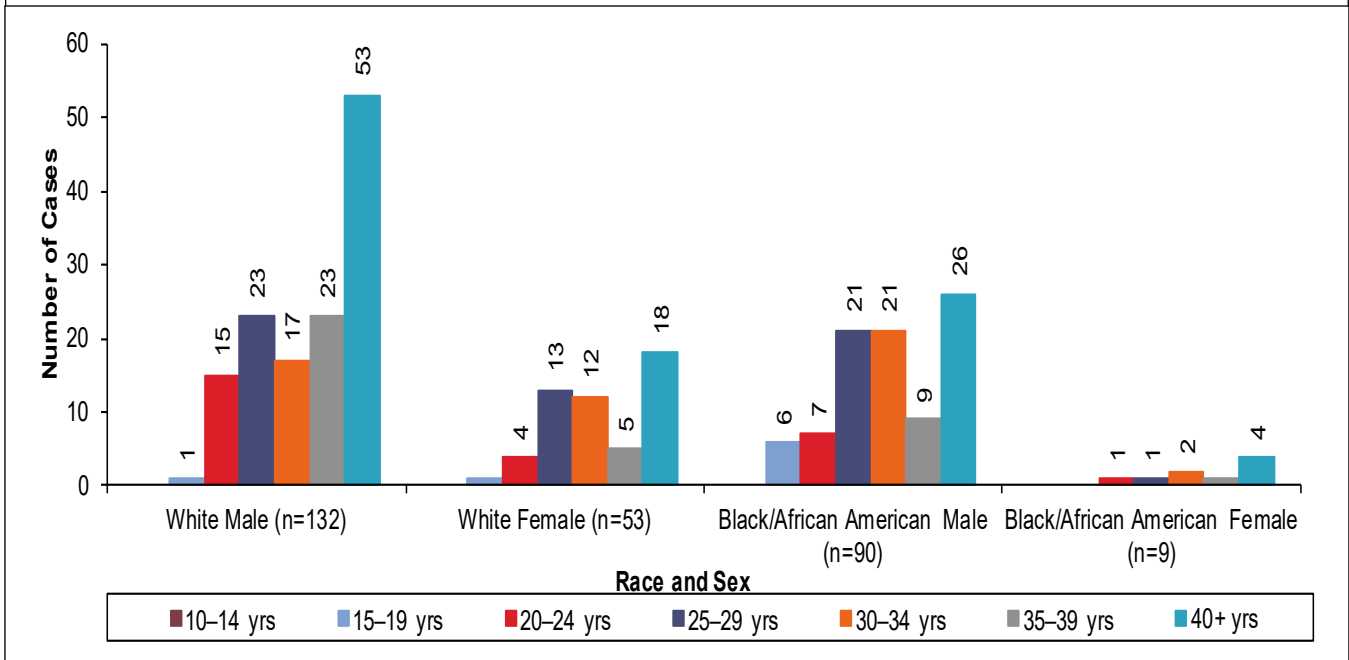
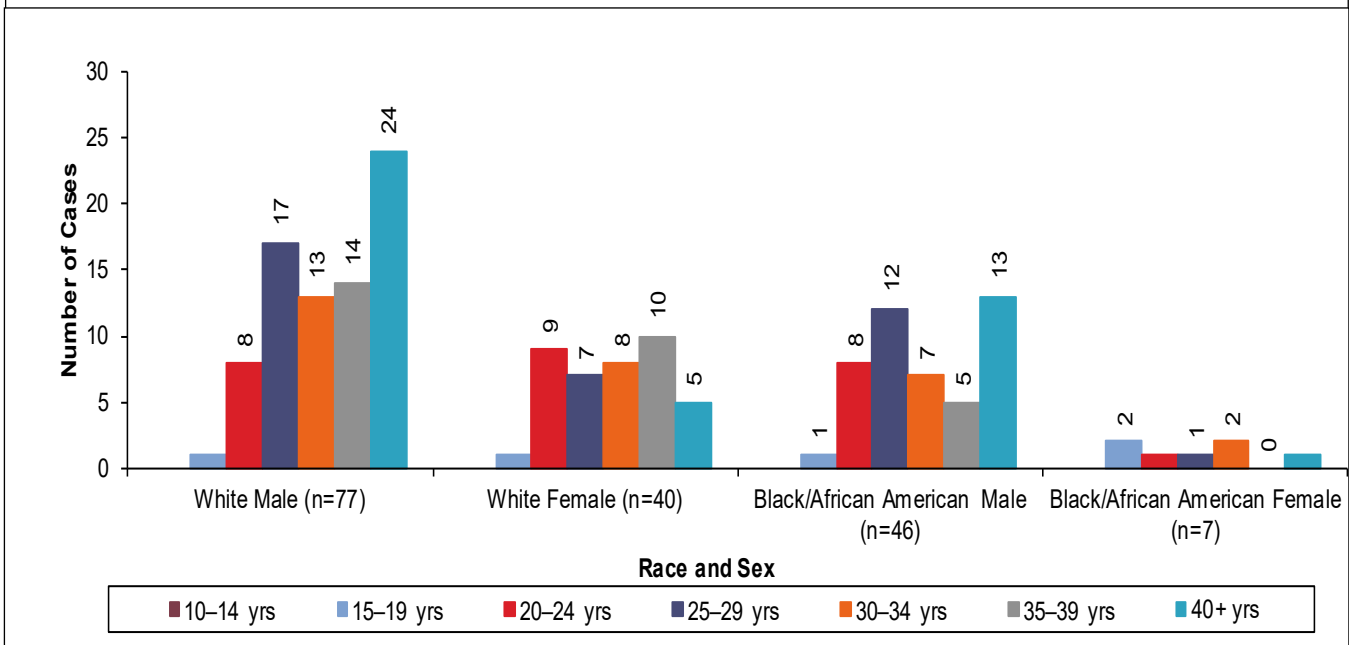


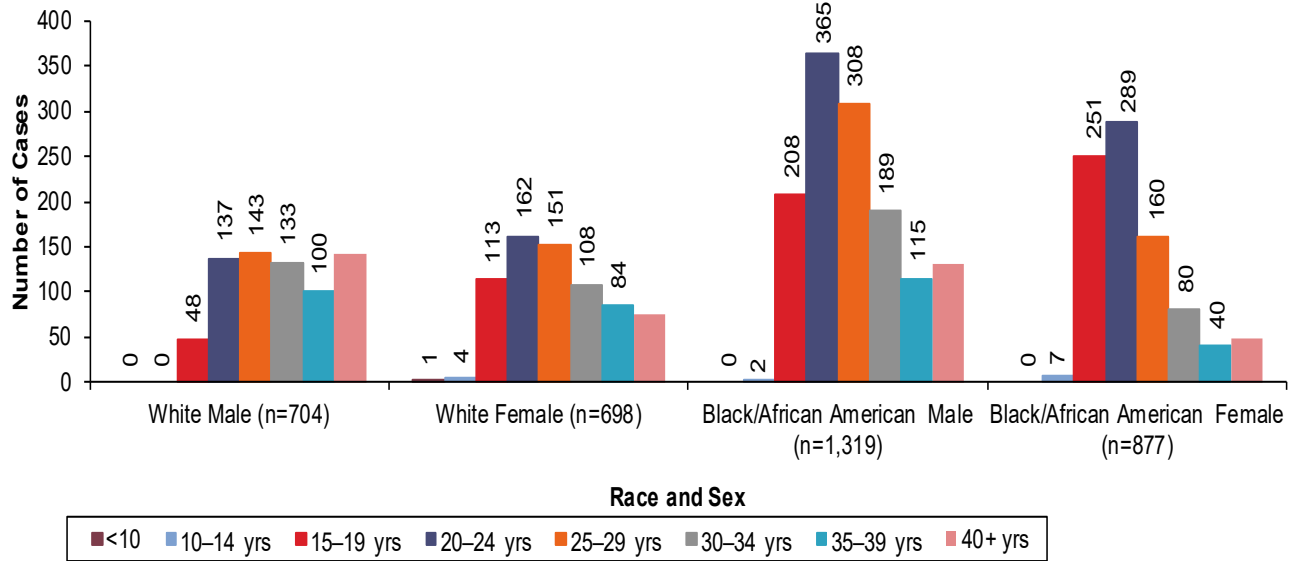
Figure 9. Reported early latent syphilis cases, by race and sex, by age group at diagnosis,



There were 284 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 (132), followed by black/African American males (90). 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.

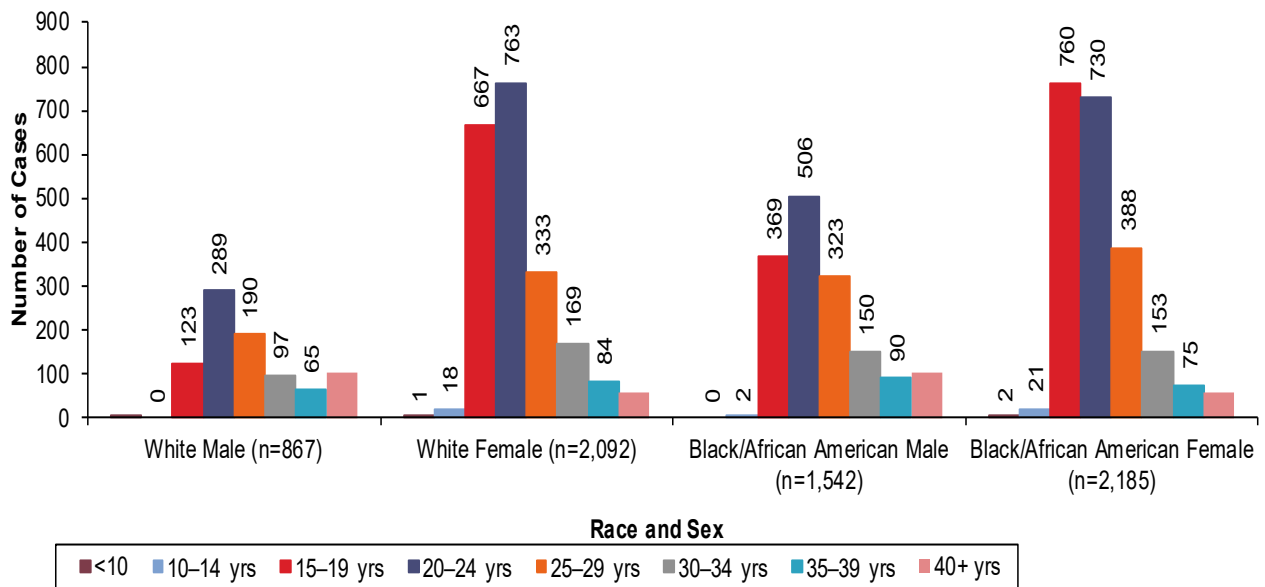
There were 170 early latent syphilis cases reported in the Kansas City HIV Care Region. The largest number of early latent syphilis cases was reported among white males (77), followed by black/African American males (46) (Figure 9). Among white and black/African American males, the largest number of 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, 2019



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, 2019

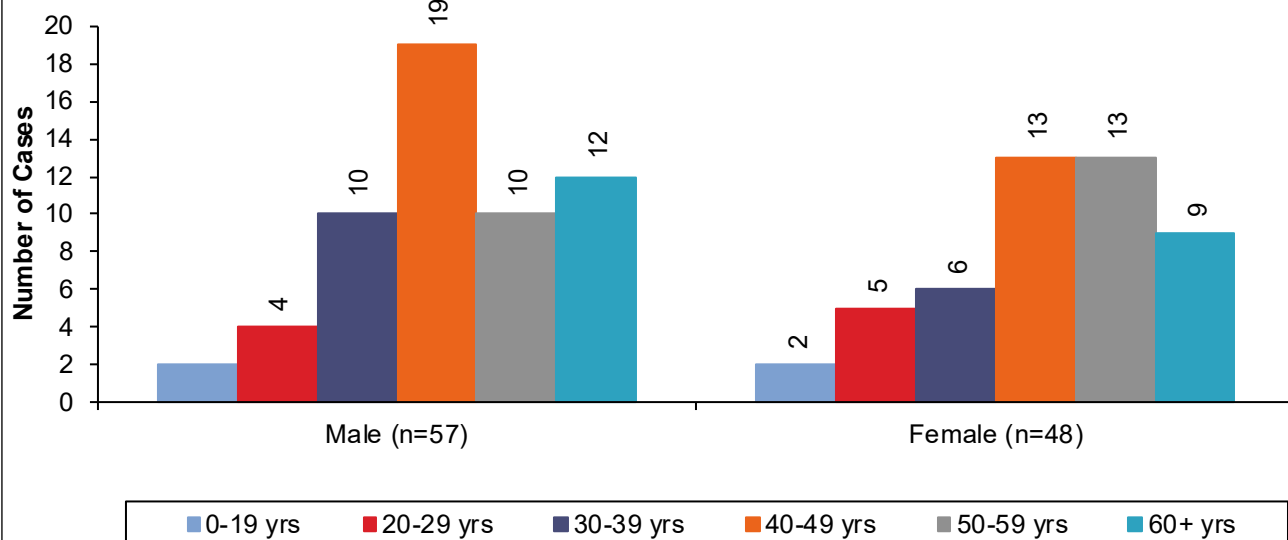


Note: Totals include persons diagnosed at <10 years of age or whose age at diagnosis is unknown.

There were 3,598 gonorrhea cases were reported in 2019. The largest number of gonorrhea cases was reported among black/African American males (1,319), followed by black/African American females (877) (Figure 10). Among white males, the largest number of cases was reported among individuals 25-29 years of age. For all other race/ethnicity and sex categories presented, individuals 20-24 years of age represented the largest number of reported cases.

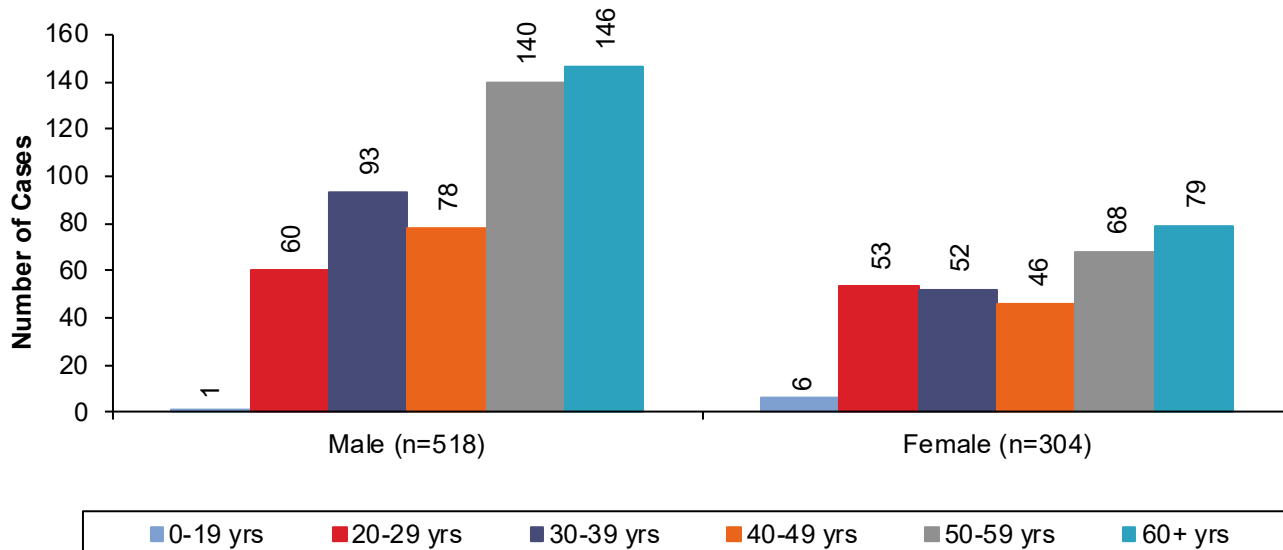
There were 6,686 chlamydia cases were reported in 2019. The largest number of chlamydia cases was reported among black/African American females (2,185), followed by white females (2,092) (Figure 11). The largest number of cases was reported among individuals 20-24 years of age among all race/ethnicity and sex categories presented, except for black/African American females.

Figure 12. Reported hepatitis B cases, by sex and by age group at diagnosis, Kansas City HIV Care Region, 2019



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, 2019



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

There were 105 reported cases of hepatitis B in the Kansas City HIV Care Region during 2019 (Figure 12). Females represented 45.7% 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 between 40-49 years of age at diagnosis. The largest proportion of cases was 40-49 and 50-59 years old among females.

In 2019, there were 822 hepatitis C cases reported in the Kansas City HIV Care Region (Figure 13). Of the reported hepatitis C cases, 63.0% were male. There were slight differences in the age at diagnosis of reported hepatitis C cases by sex. A greater proportion of females were diagnosed between 50-59 years of age while males the largest proportion were diagnoses 60 or more years of age.

