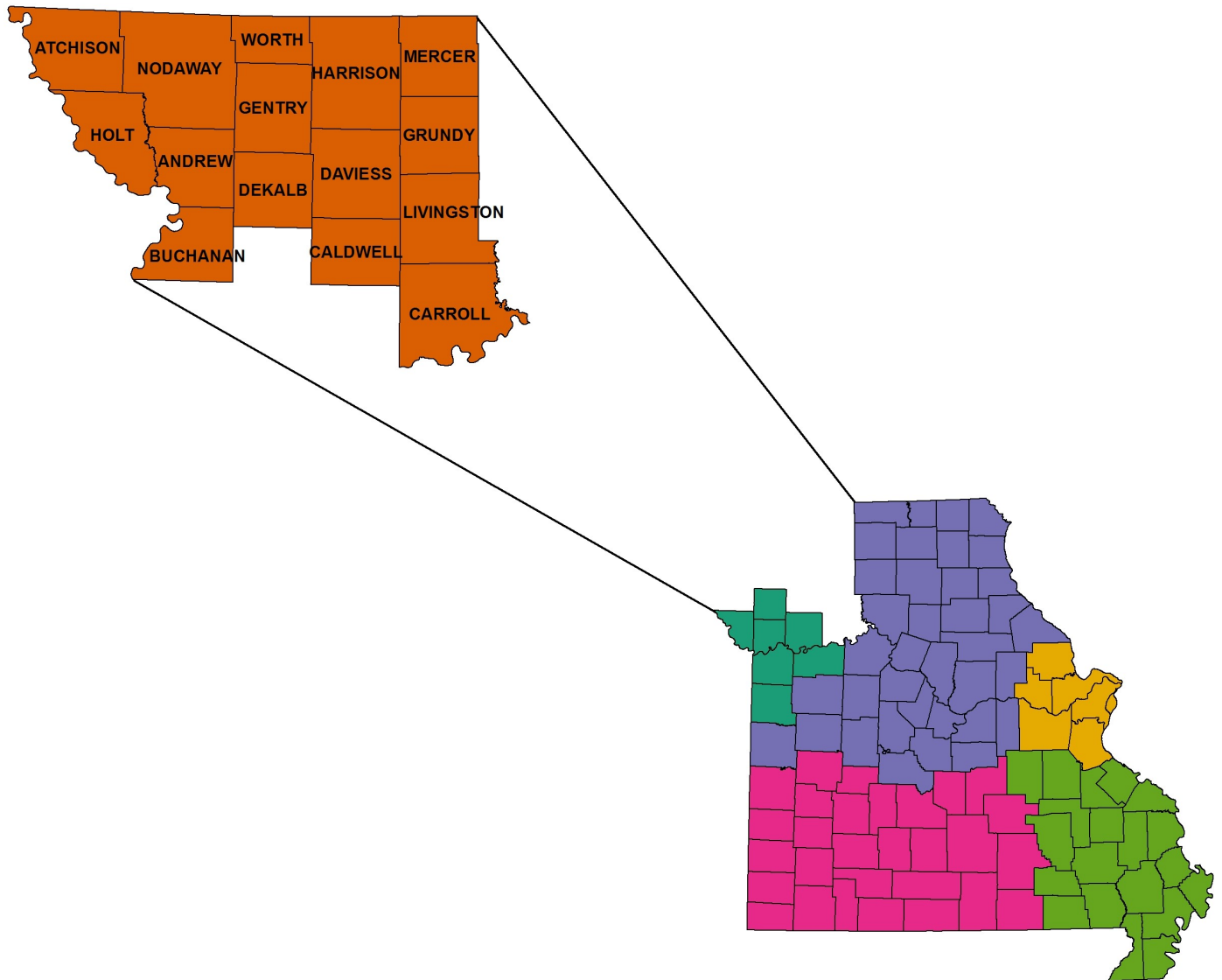


NORTHWEST HIV CARE REGION



Population Counts, Northwest HIV Care Region, 2019

County	White	Black/African American	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Two or More Races/Other Race	Total
Andrew County	16,576 94.1%	182 1.0%	466 2.6%	108 0.6%	48 0.3%	227 1.3%	17,607
Atchison County	4,990 96.5%	23 0.4%	66 1.3%	17 0.3%	16 0.3%	59 1.1%	5,171
Buchanan County	73,169 82.6%	5,019 5.7%	6,099 6.9%	1,660 1.9%	372 0.4%	2,252 2.5%	88,571
Caldwell County	8,598 94.4%	56 0.6%	194 2.1%	33 0.4%	50 0.5%	177 1.9%	9,108
Carroll County	8,276 94.7%	149 1.7%	137 1.6%	26 0.3%	25 0.3%	130 1.5%	8,743
Daviess County	7,953 95.7%	52 0.6%	133 1.6%	25 0.3%	32 0.4%	118 1.4%	8,313
DeKalb County	10,570 83.7%	1,460 11.6%	359 2.8%	60 0.5%	51 0.4%	130 1.0%	12,630
Gentry County	6,342 95.7%	38 0.6%	113 1.7%	34 0.5%	17 0.3%	84 1.3%	6,628
Grundy County	9,296 93.8%	95 1.0%	256 2.6%	90 0.9%	45 0.5%	132 1.3%	9,914
Harrison County	7,988 94.9%	48 0.6%	201 2.4%	39 0.5%	30 0.4%	108 1.3%	8,414
Holt County	4,212 95.6%	14 0.3%	59 1.3%	16 0.4%	51 1.2%	52 1.2%	4,404
Livingston County	13,924 91.9%	562 3.7%	288 1.9%	103 0.7%	69 0.5%	200 1.3%	15,146
Mercer County	3,439 94.5%	15 0.4%	90 2.5%	30 0.8%	19 0.5%	48 1.3%	3,641
Nodaway County	20,627 92.5%	656 2.9%	394 1.8%	331 1.5%	65 0.3%	231 1.0%	22,304
Worth County	1,964 96.3%	19 0.9%	33 1.6%	4 0.2%	6 0.3%	14 0.7%	2,040
Region Total	197,924 88.9%	8,388 3.8%	8,888 4.0%	2,576 1.2%	896 0.4%	3,962 1.8%	222,634

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

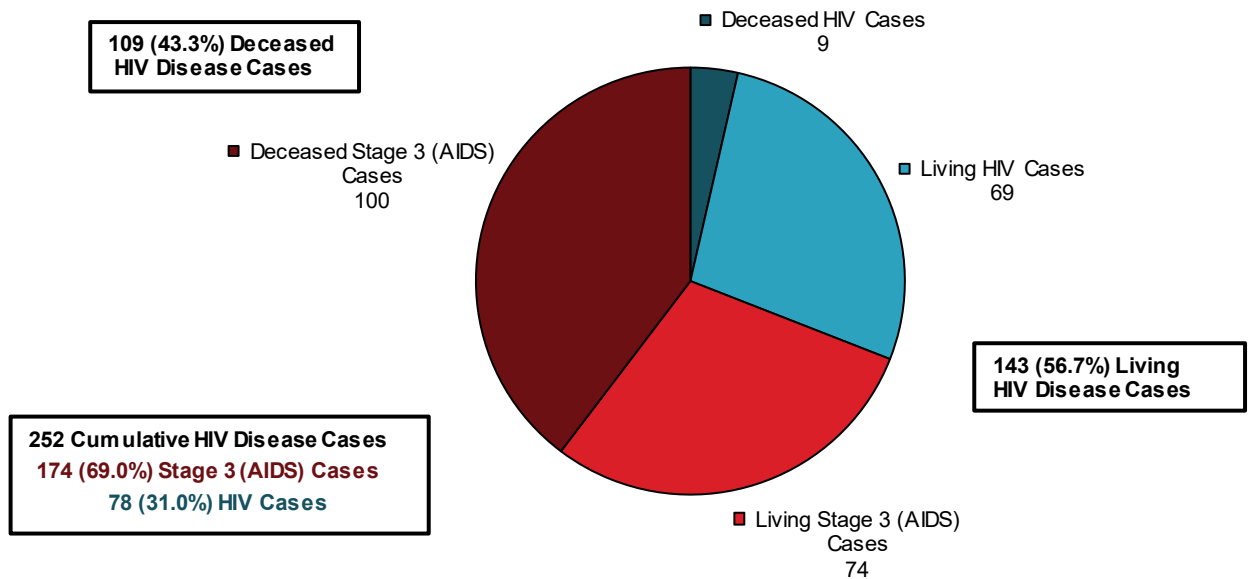
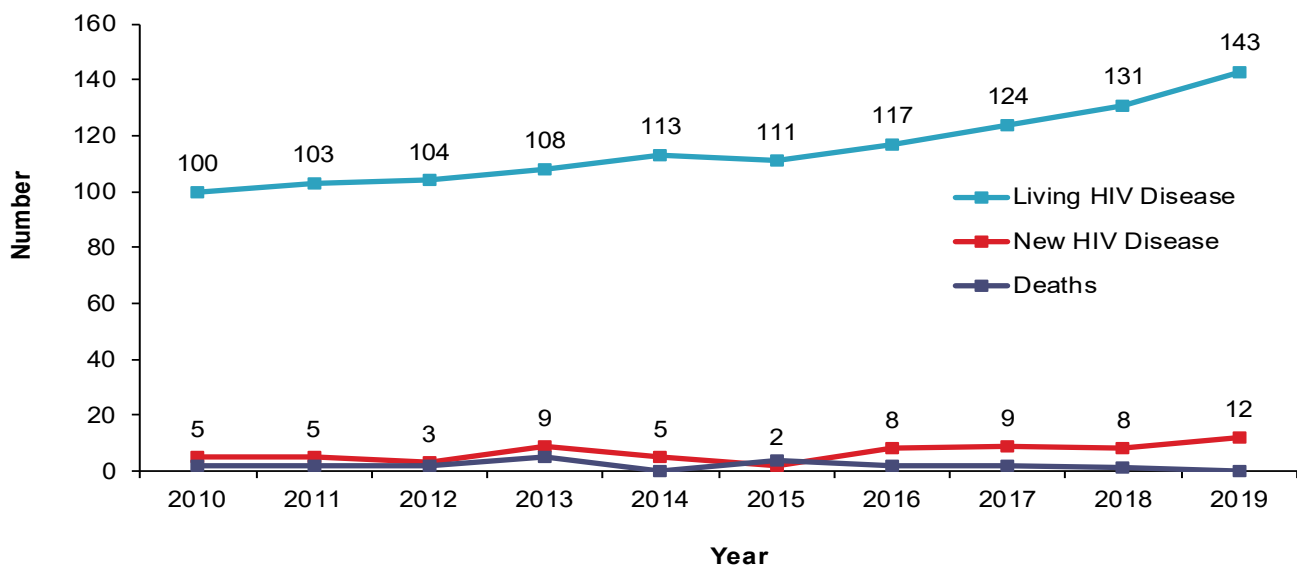


Figure 2. Living and new HIV disease cases and deaths by year*, Northwest HIV Care Region, 2010—2019

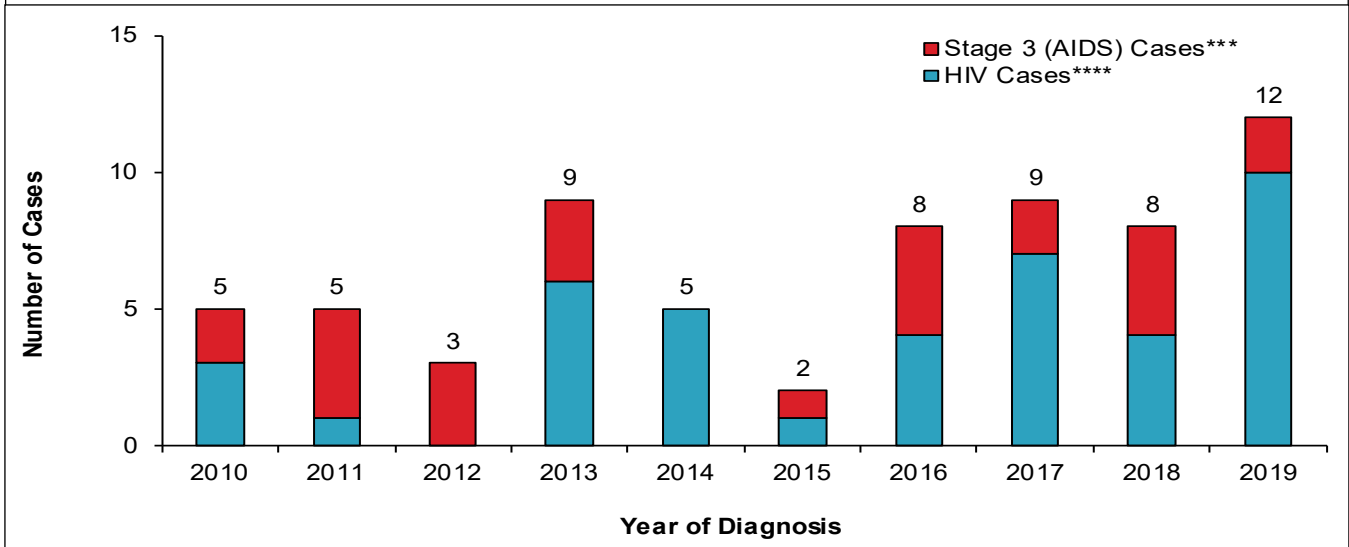


*For living HIV disease cases-the number of individuals living with HIV disease at the end of the year. For new HIV disease case s-the number of individuals newly diagnosed in the year. For HIV disease deaths-the number of individuals that died in the year.

From 1982 to 2019, there have been 252 HIV disease cases diagnosed in the Northwest HIV Care Region and reported to MDHSS (Figure 1). Of the cumulative cases reported, 56.7% were still presumed to be living with HIV disease at the end of 2019. Among those living with HIV disease, 69 were classified as HIV cases and 74 were classified as stage 3 (AIDS) cases at the end of 2019.

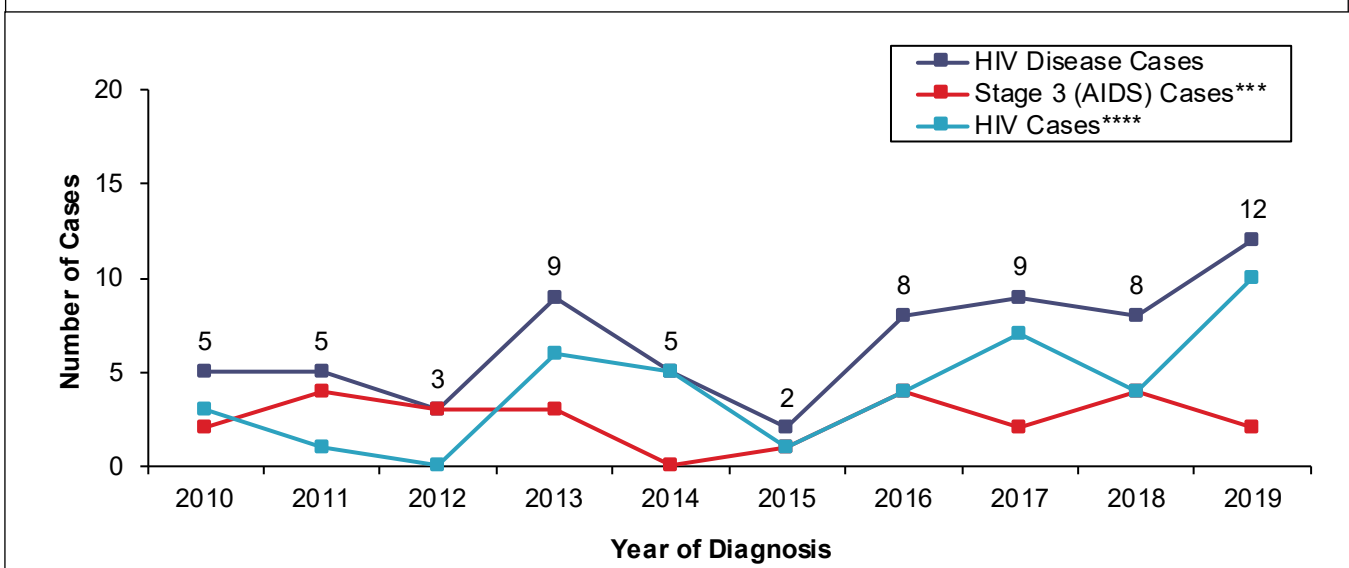
At the end of 2019, there were 143 persons living with HIV disease whose most recent diagnosis occurred in the Northwest HIV Care Region (Figure 2). The number of people living with HIV disease generally increased over time. There were 12 new HIV disease diagnoses in 2019. The number of new diagnoses generally remained stable since 2010 with the exception of decreases observed in 2013 to 2015. The number of deaths among persons with HIV disease remained stable.

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

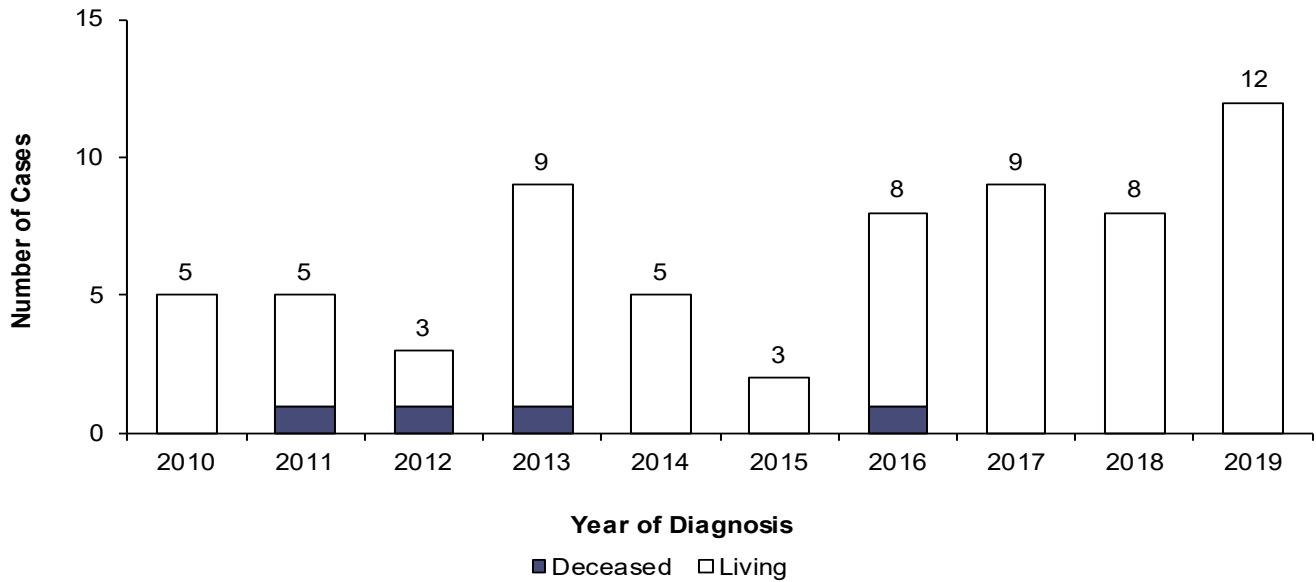
Figure 4. Reported HIV disease cases, by current status* and year of diagnosis, Northwest HIV Care Region, 2010—2019**



*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 generally remained stable since 2010 with the exception of increases observed from 2012 to 2013, 2015 to 2016 and from 2018 to 2019. The decrease between 2011 to 2012 and 2014 to 2015 may be related to decreased testing, a true decrease in infections, or other factors. 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, Northwest 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).

Of the five persons diagnosed with HIV disease in 2010, all were alive by the end of 2019 (Figure 5). Due to low overall numbers of new cases for each year, trends in HIV disease deaths are not stable.

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, Northwest HIV Care Region, 2019

	HIV*			Stage 3 (AIDS)**			HIV Disease***		
	Cases	%	Rate****	Cases	%	Rate****	Cases	%	Rate****
Sex									
Male	52	75.4%	46.4	52	70.3%	46.4	104	72.7%	92.9
Female	17	24.6%	15.4	22	29.7%	19.9	39	27.3%	35.2
Total	69	100.0%	31.0	74	100.0%	33.2	143	100.0%	64.2
Race/Ethnicity									
White	50	72.5%	25.3	52	70.3%	26.3	102	71.3%	51.5
Black/African American	11	15.9%	131.1	19	25.7%	226.5	30	21.0%	357.7
Hispanic	4	5.8%	45.0	3	4.1%	33.8	7	4.9%	78.8
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	4	5.8%	--	0	0.0%	--	4	2.8%	--
Total	69	100.0%	31.0	74	100.0%	33.2	143	100.0%	64.2
Race/Ethnicity-Males									
White Male	42	80.8%	42.9	42	80.8%	42.9	84	80.8%	85.8
Black/African American Male	6	11.5%	109.2	7	13.5%	127.4	13	12.5%	236.6
Hispanic Male	2	3.8%	40.7	3	5.8%	61.1	5	4.8%	101.8
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	2	3.8%	--	0	0.0%	--	2	1.9%	--
Total	52	100.0%	46.4	52	100.0%	46.4	104	100.0%	92.9
Race/Ethnicity-Females									
White Female	8	47.1%	8.0	10	45.5%	10.0	18	46.2%	18.0
Black/African American Female	5	29.4%	172.8	12	54.5%	414.7	17	43.6%	587.4
Hispanic Female	2	11.8%	50.3	0	0.0%	0.0	2	5.1%	50.3
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	11.8%	--	0	0.0%	--	2	5.1%	--
Total	17	100.0%	15.4	22	100.0%	19.9	39	100.0%	35.2
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	0	0.0%	0.0	1	1.4%	6.0	1	0.7%	6.0
19-24	5	7.2%	25.3	2	2.7%	10.1	7	4.9%	35.4
25-44	39	56.5%	71.6	14	18.9%	25.7	53	37.1%	97.3
45-64	18	26.1%	31.9	48	64.9%	85.0	66	46.2%	116.9
65+	7	10.1%	17.3	9	12.2%	22.3	16	11.2%	39.6
Total	69	100.0%	31.0	74	100.0%	33.2	143	100.0%	64.2

[†]Includes persons diagnosed with HIV disease in the Northwest 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, Northwest HIV Care Region, 2019

	HIV*			Stage 3 (AIDS)**			HIV Disease***		
	Cases	%	Rate****	Cases	%	Rate****	Cases	%	Rate****
Sex									
Male	5	2.0%	4.5	2	--	1.8	7	58.3%	6.3
Female	5	50.0%	4.5	0	--	0.0	5	41.7%	4.5
Total	10	52.0%	4.5	2	--	0.9	12	100.0%	5.4
Race/Ethnicity									
White	4	40.0%	2.0	2	--	1.0	6	50.0%	3.0
Black/African American	3	30.0%	35.8	0	--	0.0	3	25.0%	35.8
Hispanic	0	0.0%	0.0	0	--	0.0	0	0.0%	0.0
Asian/Pacific Islander	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
Two or More Races/Unknown	3	30.0%	75.7	0	--	0.0	3	25.0%	--
Total	10	100.0%	4.5	2	--	0.9	12	100.0%	5.4
Race/Ethnicity-Males									
White Male	2	40.0%	2.0	2	--	2.0	4	57.1%	4.1
Black/African American Male	1	20.0%	18.2	0	--	0.0	1	14.3%	18.2
Hispanic Male	0	0.0%	0.0	0	--	0.0	0	0.0%	0.0
Asian/Pacific Islander Male	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
Two or More Races/Unknown Male	2	40.0%	102.6	0	--	0.0	2	28.6%	102.6
Total	5	100.0%	4.5	2	--	1.8	7	100.0%	6.3
Race/Ethnicity-Females									
White Female	2	40.0%	2.0	0	--	0.0	2	40.0%	2.0
Black/African American Female	2	40.0%	69.1	0	--	0.0	2	40.0%	69.1
Hispanic Female	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
American Indian/Alaskan Native Female	0	0.0%	0.0	0	--	0.0	0	0.0%	0.0
Two or More Races/Unknown Female	1	20.0%	49.7	0	--	0.0	1	20.0%	--
Total	5	100.0%	4.5	0	--	0.0	5	100.0%	4.5
Current Age[†]									
<2	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
13-18	0	0.0%	0.0	0	--	0.0	0	0.0%	0.0
19-24	2	20.0%	10.1	0	--	0.0	2	16.7%	10.1
25-44	8	80.0%	14.7	1	--	1.8	9	75.0%	16.5
45-64	0	0.0%	0.0	1	--	1.8	1	8.3%	1.8
65+	0	0.0%	0.0	0	--	0.0	0	0.0%	0.0
Total	10	100.0%	4.5	2	--	0.9	12	100.0%	5.4

*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.

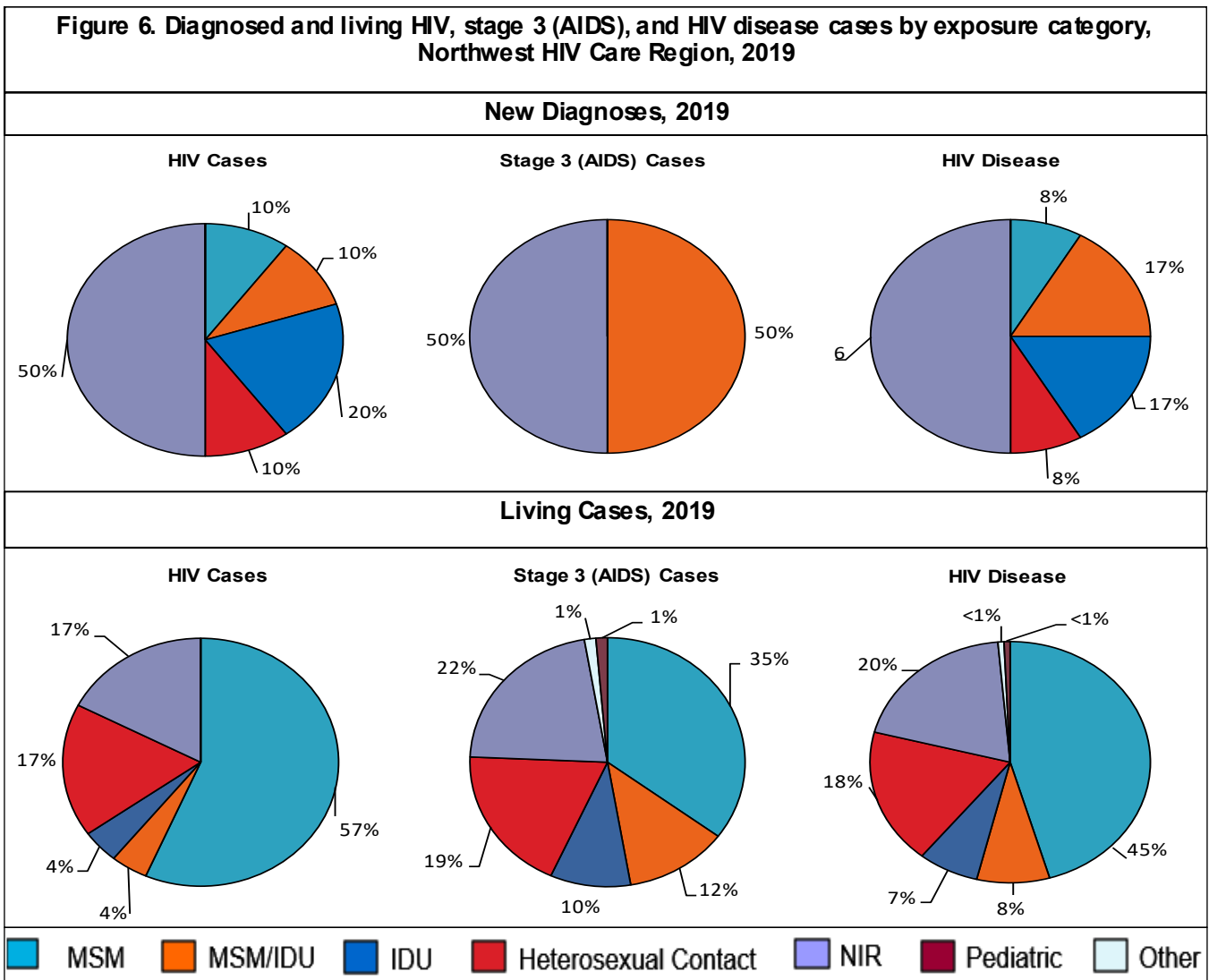
†Based on age as of December 31, 2019.

Note: Percentages may not total due to rounding.

Epi Profiles Summary: Northwest HIV Care Region

Of the 143 persons living with HIV disease at the end of 2019, 72.7% were males (Table 1). The rate of those living with HIV disease among males was 2.6 times as high as the rate among females. Although whites represented the largest proportion of living HIV disease cases (71.3%), the rate of those living with HIV disease among blacks/African Americans was 6.9 times as high as the rate among whites. The rate among Hispanics was 1.5 times as high as the rate among whites. However, the number of Hispanics living with HIV disease was small, and the results should be interpreted with caution. Blacks/African Americans comprised a larger proportion of female cases living with HIV disease (43.6%) compared to male cases (21.0%). The greatest proportion of living HIV disease cases was 45-64 years old at the end of 2019 (46.2%).

Of the 12 persons newly diagnosed with HIV disease in 2019, two were classified as a stage 3 (AIDS) case by the end of 2019 (Table 2). Males represented 58.3% of all new diagnoses. The majority of all new HIV disease diagnosed occurred among whites (57.1%). The majority of all new HIV disease cases diagnosed occurred among individuals 25-44 years of age (75.0%).



Among living HIV disease cases, the greatest proportion of cases with a known risk factor were attributed to MSM (Figure 6). The large proportion of cases with no indicated risk made trends difficult to interpret for all categories. The surveillance program examined methods to improve the identification and reporting of exposure category information.

Table 3. New and living HIV and stage 3 (AIDS) cases and rates, by geographic area, Northwest 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***
Buchanan County	8	80.0%	9.0	51	68.9%	57.6	1	50.0%	1.1	49	66.2%	55.3
Andrew County	0	0.0%	0.0	1	1.4%	5.7	0	0.0%	0.0	3	4.1%	17.0
Caldwell County	0	0.0%	0.0	2	2.7%	22.0	0	0.0%	0.0	5	6.8%	54.9
Nodaway County	0	0.0%	0.0	4	5.4%	17.9	0	0.0%	0.0	4	5.4%	17.9
Remainder of Region	2	20.0%	2.4	16	21.6%	18.8	1	50.0%	1.2	13	17.6%	15.3
NORTHWEST HIV CARE REGION	10	100.0%	4.5	74	100.0%	33.2	2	100.0%	0.9	74	100.0%	33.2

*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.

Note: Percentages may not total due to rounding.

The greatest proportions of living HIV disease cases were diagnosed in Buchanan County (Table 3). In Buchanan County, 66.2% of living HIV disease cases progressed to stage 3 (AIDS) by the end of 2019. The rates of individuals living with HIV and stage 3 (AIDS) were also greatest in Buchanan County.

Table 4. Newly diagnosed and living HIV and stage 3 (AIDS) cases in men who have sex with men, by selected race/ethnicity, Northwest HIV Care Region, 2019

Race/Ethnicity	HIV Cases*				Stage 3 (AIDS) Cases			
	Newly Diagnosed		Living		Newly Diagnosed**		Living	
	Cases	%	Cases	%	Cases	%	Cases	%
White	1	100.0%	35	89.7%	1	100.0%	23	88.5%
Black/African American	0	0.0%	3	7.7%	0	0.0%	2	7.7%
Hispanic	0	0.0%	1	2.6%	0	0.0%	1	3.8%
Other/Unknown	0	0.0%	0	0.0%	0	0.0%	0	0.0%
NORTHWEST HIV CARE REGION TOTAL	1	100.0%	39	100.0%	1	100.0%	26	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 5. Living HIV disease cases in men who have sex with men, by selected race/ethnicity, by current age group, Northwest 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	2	3.4%	0	0.0%	0	0.0%	2	3.1%
25-44	21	36.2%	3	60.0%	2	100.0%	26	40.0%
45-64	23	39.7%	2	40.0%	0	0.0%	25	38.5%
65+	12	20.7%	0	0.0%	0	0.0%	12	18.5%
NORTHWEST HIV CARE REGION TOTAL	58	100.0%	5	100.0%	2	100.0%	65	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 geographic area, Northwest HIV Care Region, 2019

Geographic Area	Cases	%
Buchanan County	47	72.3%
Remaining Counties	18	27.7%
NORTHWEST HIV CARE REGION TOTAL	65	100.0%

There were one new HIV disease diagnoses attributed to MSM in 2019 for the Northwest HIV Care Region (Table 4). There were 39 living HIV disease cases attributed to MSM in the Northwest HIV Care Region. Whites represented 89.7% of living HIV cases and 88.5% of living 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 proportion was between 25-44 years of age at the end of 2019. The greatest proportions of black/African American MSM living with HIV disease were between 25-44 and 45-64 years of age.

Buchanan County residents accounted for the largest number of living MSM in the Northwest HIV Care Region (Table 6).

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, Northwest HIV Care Region, 2019

Race/Ethnicity	HIV Cases*				Stage 3 (AIDS) Cases			
	Newly Diagnosed		Living		Newly Diagnosed**		Living	
	Cases	%	Cases	%	Cases	%	Cases	%
White	1	100.0%	3	100.0%	1	100.0%	9	100.0%
Black/African American	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Hispanic	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Other/Unknown	0	0.0%	0	0.0%	0	0.0%	0	0.0%
NORTHWEST HIV CARE REGION TOTAL	1	100.0%	3	100.0%	1	100.0%	9	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 8. Living HIV disease cases in men who have sex with men and inject drugs, by selected race/ethnicity, by current age group, Northwest 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%
19-24	0	0.0%	0	--	0	--	0	0.0%
25-44	3	25.0%	0	--	0	--	1	11.1%
45-64	7	58.3%	0	--	0	--	6	66.7%
65+	2	16.7%	0	--	0	--	2	22.2%
NORTHWEST HIV CARE REGION TOTAL	12	100.0%	0	--	0	--	9	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, Northwest HIV Care Region, 2019

Geographic Area	Cases	%
NORTHWEST HIV CARE REGION TOTAL	12	100.0%

There were one new HIV disease diagnoses attributed to MSM/IDU in 2019 for the Northwest HIV Care Region (Table 7). There were nine MSM/IDU living with HIV disease at the end of 2019 whose most recent diagnosis occurred in the Northwest HIV Care Region. Whites represented all living HIV and stage 3 (AIDS) cases.

Overall, the majority of MSM/IDU living with HIV disease were between 45-64 years of age at the end of 2019 (Table 8).

Table 10. Newly diagnosed and living HIV and stage 3 (AIDS) cases in injecting drug users, by selected race/ethnicity and sex, Northwest 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%	0	0.0%	0	--	2	28.6%
Black/African American Male	0	0.0%	0	0.0%	0	--	2	28.6%
Hispanic Male	0	0.0%	0	0.0%	0	--	0	0.0%
White Female	2	100.0%	2	66.7%	0	--	2	28.6%
Black/African American Female	0	0.0%	0	0.0%	0	--	1	14.3%
Hispanic Female	0	0.0%	0	0.0%	0	--	0	0.0%
Other Female	0	0.0%	1		0	--	0	
NORTHWEST HIV CARE REGION TOTAL[†]	2	100.0%	3	100.0%	0	--	7	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 11. Living HIV disease cases in injecting drug users, by selected race/ethnicity, by current age group, Northwest 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%	1	25.0%	0	0.0%	1	10.0%
25-44	0	0.0%	1	50.0%	1	25.0%	0	0.0%	3	30.0%
45-64	2	100.0%	1	50.0%	2	50.0%	1	100.0%	6	60.0%
65+	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
NORTHWEST HIV CARE REGION TOTAL	2	100.0%	2	100.0%	4	100.0%	1	100.0%	10	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, Northwest HIV Care Region, 2019

Geographic Area	Cases	%
NORTHWEST HIV CARE REGION TOTAL	10	100.0%

There were two new HIV disease diagnoses attributed to IDU in 2019 for the Northwest HIV Care Region (Table 10). There were seven living HIV disease cases attributed to IDU at the end of 2019 in the Northwest HIV Care Region. Of the living HIV disease cases, none were classified as stage 3 (AIDS) at the end of 2019. White females represented all of the newly diagnosed living cases among IDU.

Among IDU living with HIV disease, six were between 45-64 years old, three were 25-44 years old, and one was 19-24 years of age at the end of 2019. White females were the largest number of persons living HIV disease cases attributed to IDU (4) followed by males (2) and black/African American (2) (Table 11).

Table 13. Newly diagnosed and living HIV and stage 3 (AIDS) cases in heterosexual contacts, by selected race/ethnicity and sex, Northwest 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%	1	8.3%	0	--	0	0.0%
Black/African American Male	0	0.0%	0	0.0%	0	--	1	7.1%
Hispanic Male	0	0.0%	0	0.0%	0	--	0	0.0%
White Female	0	0.0%	6	50.0%	0	--	6	42.9%
Black/African American Female	1	100.0%	4	33.3%	0	--	7	50.0%
Hispanic Female	0	0.0%	1	8.3%	0	--	0	0.0%
NORTHWEST HIV CARE REGION TOTAL†	1	100.0%	12	100.0%	0	--	14	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 14. Living HIV disease cases in heterosexual contacts, by selected race/ethnicity and sex, by current age group, Northwest 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	9.1%	1	3.8%
25-44	0	0.0%	1	100.0%	6	50.0%	4	36.4%	12	46.2%
45-64	0	0.0%	0	0.0%	5	41.7%	6	54.5%	11	42.3%
65+	1	100.0%	0	0.0%	1	8.3%	0	0.0%	2	7.7%
NORTHWEST HIV CARE REGION TOTAL	1	100.0%	1	100.0%	12	100.0%	11	100.0%	26	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 geographic area, Northwest HIV Care Region, 2019

Geographic Area	Total	
	Cases	%
Buchanan County	20	76.9%
Remaining Counties	6	23.1%
NORTHWEST HIV CARE REGION TOTAL	26	100.0%

There was one new HIV disease diagnoses attributed to heterosexual contact in 2019 for the Northwest HIV Care Region (Table 13). There were 14 living HIV disease cases attributed to heterosexual contact at the end of 2019 in the Northwest HIV Care Region. Of the living cases, none were classified as stage 3 (AIDS) at the end of 2019. Females represented all except one of the living HIV disease cases.

At the end of 2019, persons 25-44 years of age (12) comprised the largest number of heterosexual contact cases living with HIV disease in the Northwest HIV Care Region followed by 45-64 years of age (11). (Table 14).

Figure 7. Reported P&S syphilis cases, by race and sex, by age group at diagnosis, Northwest HIV Care Region, 2019

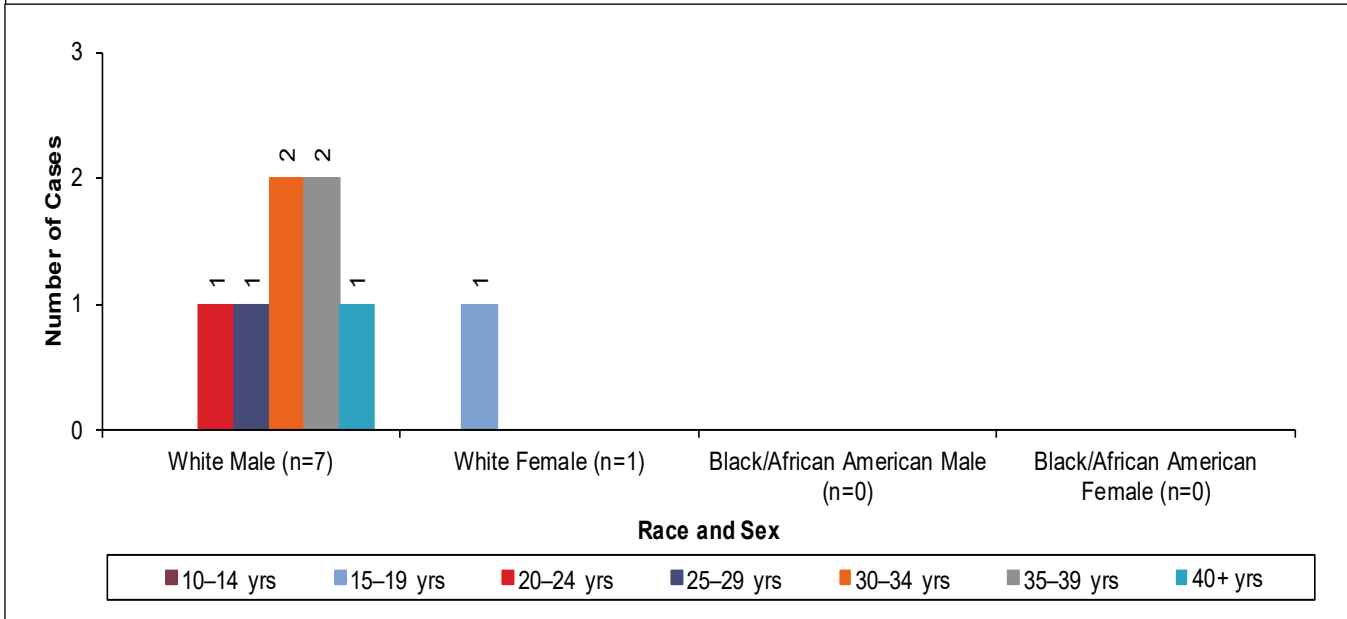
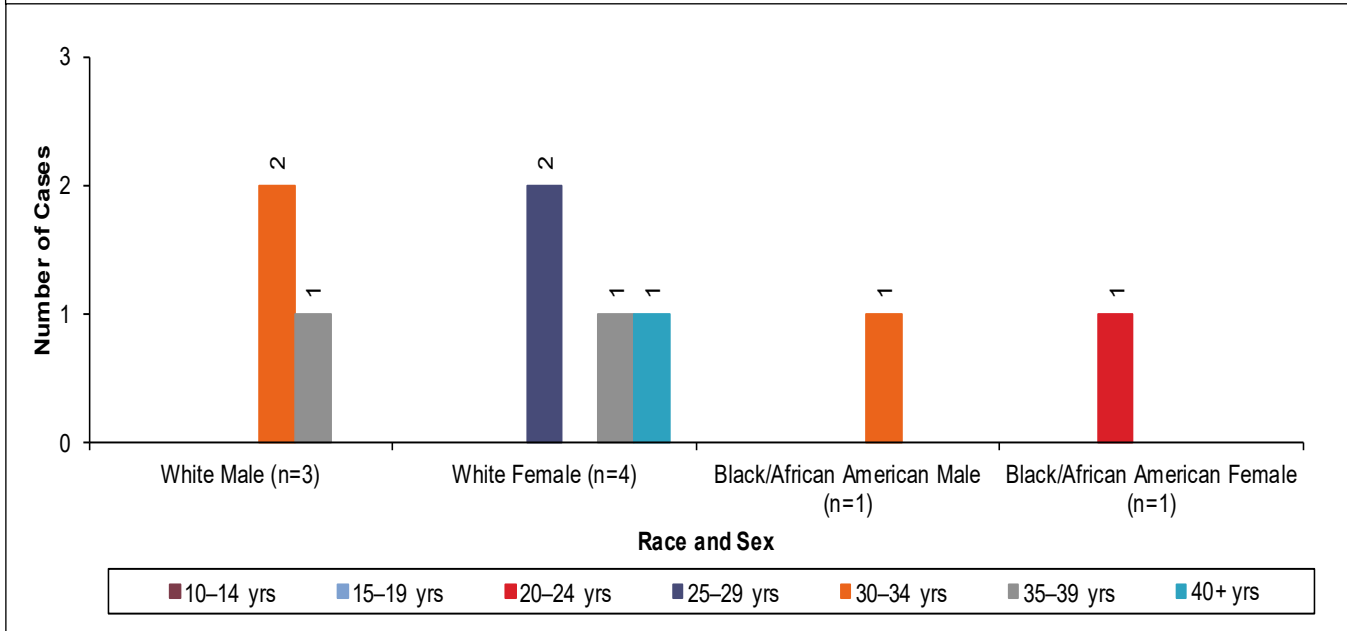


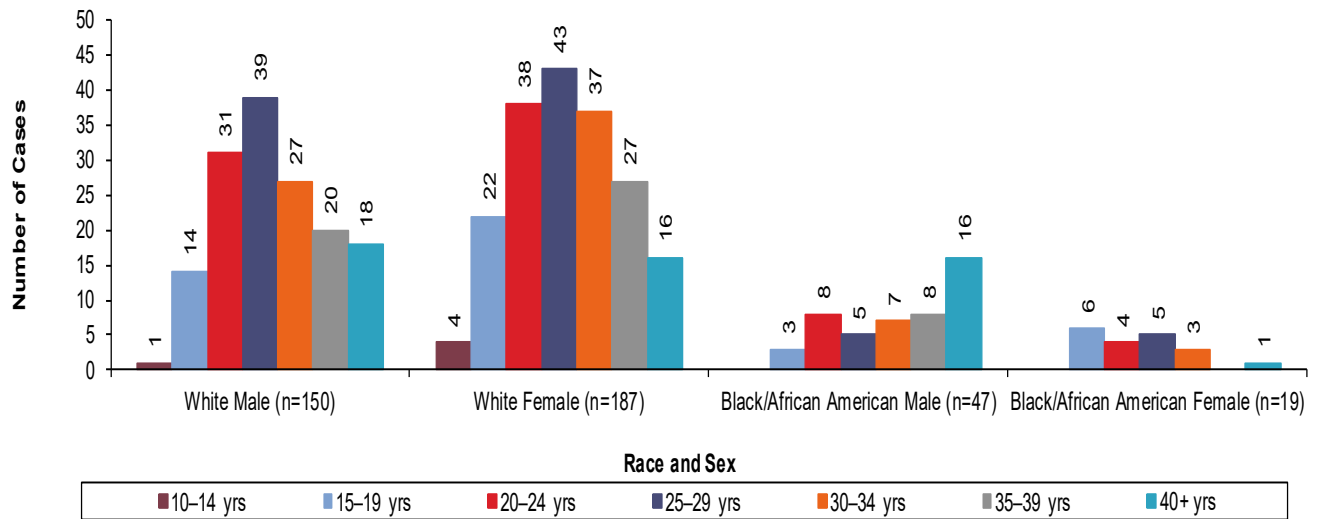
Figure 8. Reported early latent syphilis cases, by race and sex, by age group at diagnosis, Northwest HIV Care Region, 2019



Eight P&S syphilis cases were reported in the Northwest HIV Care Region in 2019. Of those cases, seven were white male and one was a white female (Figure 7).

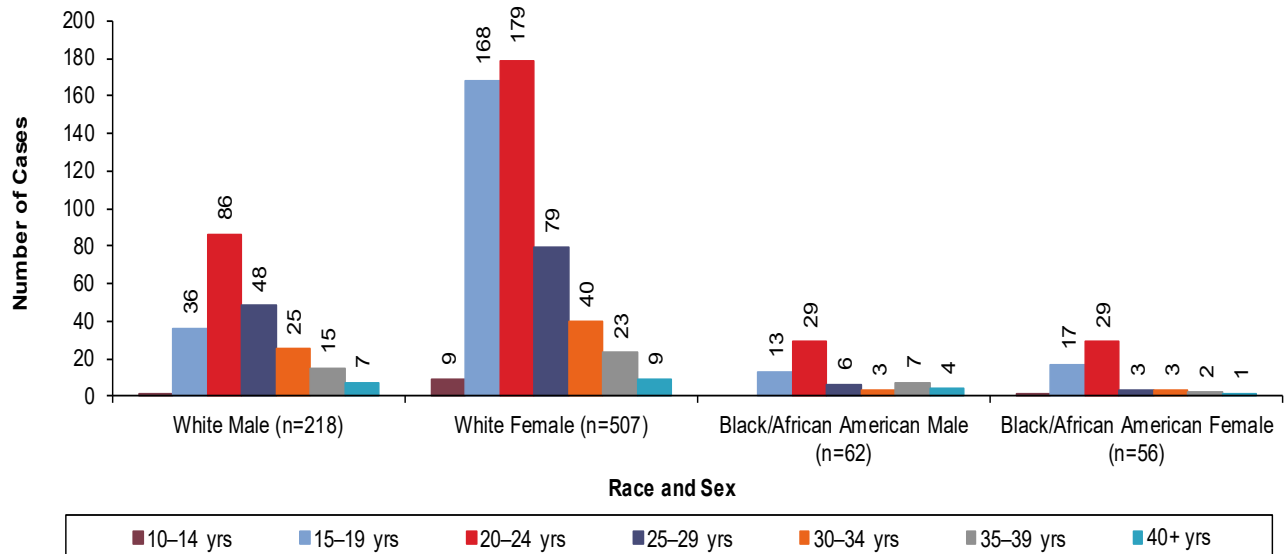
Nine cases of early latent syphilis was reported in the Northwest HIV Care Region in 2019 (Figure 8). Of those cases, three were white male, four were white female, one was black/African American male and female.

Figure 9. Reported gonorrhea cases, by race and sex, by age group at diagnosis, Northwest HIV Care Region, 2019



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, Northwest HIV Care Region, 2019

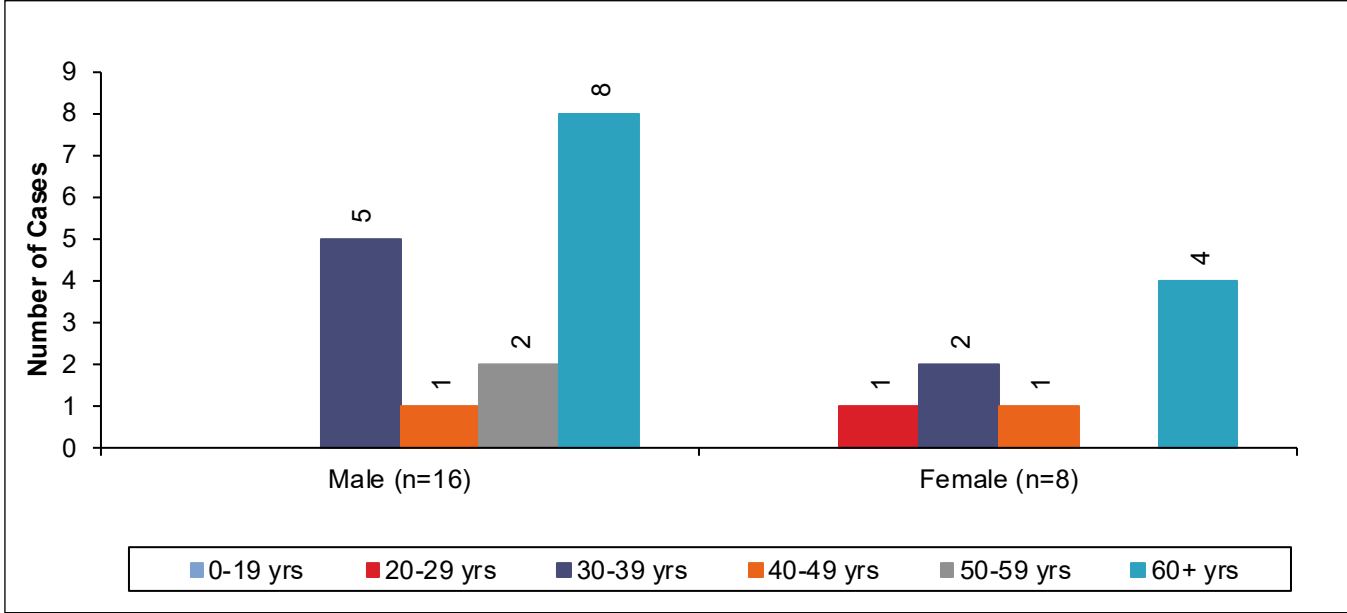


Note: Totals include persons diagnosed at <10 years of age or whose age at diagnosis is unknown.

The largest number of gonorrhea cases was reported among white females (187), followed by white males (150) (Figure 9). Among white females, the largest number of reported cases was diagnosed between 25-29 years of age. Among white males, the largest number of reported cases was diagnosed between 25-29 years of age (43) followed closely by 20-24 years of age (38) and 25-29 years of age (37). Among black/African American males the largest number of reported cases was diagnosed between 40+ years of age (16). Among black/African females, the largest number of reported cases was diagnosed between 15-19 years of age.

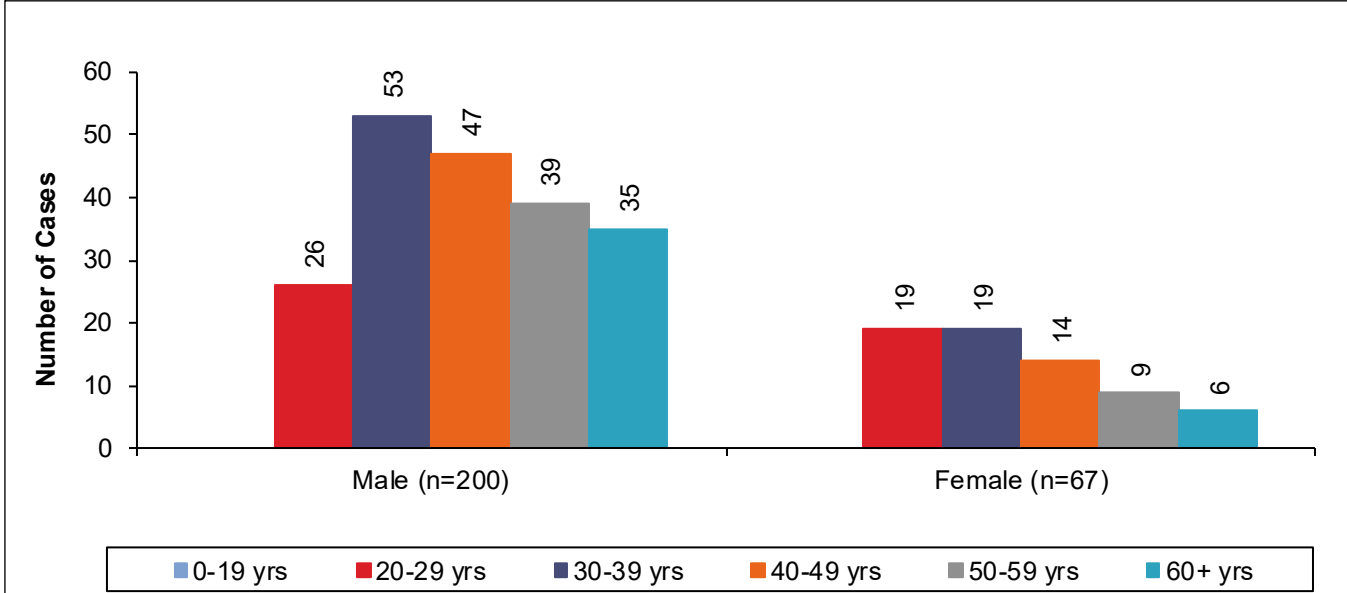
The largest numbers of chlamydia cases was reported among white females (507), followed by white males (218) (Figure 9). Among white male, black/African American males, white females, and black/African American females the largest number of reported cases was diagnosed between 20-24 years of age.

Figure 11. Reported hepatitis B cases, by sex and by age group at diagnosis, Northwest HIV Care Region, 2019



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

Figure 12. Reported hepatitis C cases, by sex and by age group at diagnosis, Northwest HIV Care Region, 2019



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

There were 24 reported cases of hepatitis B in the Northwest HIV Care Region during 2019 (Figure 11). Males represented 66.6% of reported hepatitis B cases. Among males and females, the largest numbers of reported cases were 60+ years of age.

In 2019, there were 267 hepatitis C cases reported in the Northwest HIV Care Region (Figure 12). Of the reported hepatitis C cases, 74.9% were male. Among males, the largest numbers of reported cases were between 30-39 years of age. Among females, the largest numbers of reported cases were 20-29 and 30-39 years of age.

