

New Diagnoses of HIV Infection Reported in HIV Prevention Planning Region 4

Counties: Columbiana, Mahoning, Portage, Summit, Trumbull

As of June 30, 2019

Reported new diagnoses of HIV infection in 2018 by disease status and selected characteristics, HIV Prevention Planning Region 4

Characteristic	2018 diagnosis of HIV infection			Disease Status					
	Rate ^a	No.	%	HIV (not AIDS)		HIV & later AIDS		AIDS	
				No.	%	No.	%	No.	%
Sex at birth									
Males	12.4	75	90%	60	92%	9	75%	6	100%
Females	1.3	8	10%	5	8%	3	25%	-	-
Age at diagnosis (yr)									
<13	*	-	-	-	-	-	-	-	-
13-14	*	-	-	-	-	-	-	-	-
15-19	*	2	2%	2	3%	-	-	-	-
20-24	24.2	20	24%	19	29%	1	8%	-	-
25-29	24.5	20	24%	17	26%	2	17%	1	17%
30-34	12.6	9	11%	7	11%	2	17%	-	-
35-39	14.0	10	12%	5	8%	4	33%	1	17%
40-44	*	3	4%	1	2%	-	-	2	33%
45-49	7.8	6	7%	4	6%	1	8%	1	17%
50-54	6.1	5	6%	5	8%	-	-	-	-
55-64	3.8	7	8%	4	6%	2	17%	1	17%
65+	*	1	1%	1	2%	-	-	-	-
Race/Ethnicity ^b									
American Indian/Alaska Native	*	-	-	-	-	-	-	-	-
Asian/Pacific Islander	*	-	-	-	-	-	-	-	-
Black/African-American	26.3	37	45%	32	49%	4	33%	1	17%
Hispanic/Latinx	*	3	4%	1	2%	1	8%	1	17%
White	4.3	43	52%	32	49%	7	58%	4	67%
Multi-Race	*	-	-	-	-	-	-	-	-
Race/Ethnicity ^b and Sex at birth									
American Indian/Alaska Native Males	*	-	-	-	-	-	-	-	-
American Indian/Alaska Native Females	*	-	-	-	-	-	-	-	-
Asian/Pacific Islander Males	*	-	-	-	-	-	-	-	-
Asian/Pacific Islander Females	*	-	-	-	-	-	-	-	-
Black/African-American Males	52.5	35	42%	31	48%	3	25%	1	17%
Black/African-American Females	*	2	2%	1	2%	1	8%	-	-
Hispanic/Latino Males	*	3	4%	1	2%	1	8%	1	17%
Hispanic/Latina Females	*	-	-	-	-	-	-	-	-
White Males	7.5	37	45%	28	43%	5	42%	4	67%
White Females	1.2	6	7%	4	6%	2	17%	-	-
Multi-Race Males	*	-	-	-	-	-	-	-	-
Multi-Race Females	*	-	-	-	-	-	-	-	-
Total	6.7	83		65		12		6	

Notes:

Reported new diagnoses of HIV infection include persons with a diagnosis of HIV (not AIDS), a diagnosis of HIV and an AIDS diagnosis within 12 months (HIV & later AIDS), and concurrent diagnoses of HIV and AIDS (AIDS) who were residents of Ohio at time of initial diagnosis.

Asterisk (*) indicates rate not calculated for case count <5 due to unstable rates. Dash (-) indicates no cases were reported for the given category.

^aThe rate is the number of persons with a reported diagnosis of HIV infection per 100,000 population calculated using 2018 U.S. Census estimates.

^b Hispanics/Latinx may be of any race. Persons with a race of American Indian/Alaska Native, Asian/Pacific Islander, Black/African-American, White, or Multi-race are not-Hispanic. Asian/Pacific Islander includes Native Hawaiians.

Source: Ohio Department of Health, HIV/AIDS Surveillance Program. Data reported through June 30, 2019.

Reported new diagnoses of HIV infection in 2018 by disease status and transmission category, HIV Prevention Planning Region 4

Transmission Category ^a	2018 diagnosis of HIV infection		Disease Status					
			HIV (not AIDS)		HIV & later AIDS		AIDS	
	No.	%	No.	%	No.	%	No.	%
Male adult or adolescent								
Male-to-male sexual contact	58	77%	47	78%	8	89%	3	50%
Injection drug use (IDU)	1	1%	1	2%	-	-	-	-
Male-to-male sexual contact and IDU	2	3%	1	2%	-	-	1	17%
Heterosexual contact	1	1%	1	2%	-	-	-	-
Other/unknown	13	17%	10	17%	1	11%	2	33%
Subtotal	75	100%	60	100%	9	100%	6	100%
Female adult or adolescent								
Injection drug use	3	38%	3	60%	-	-	-	-
Heterosexual contact	4	50%	2	40%	2	67%	-	-
Other/unknown	1	13%	-	-	1	33%	-	-
Subtotal	8	100%	5	100%	3	100%	-	-
Child (<13 yrs at diagnosis)								
Perinatal	-	-	-	-	-	-	-	-
Other/unknown	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-
Total	83		65		12		6	

Reported new diagnoses of HIV infection in 2018 by disease status and exposure category, HIV Prevention Planning Region 4

Exposure Category ^b	2018 diagnosis of HIV infection		Disease Status					
			HIV (not AIDS)		HIV & later AIDS		AIDS	
	No.	%	No.	%	No.	%	No.	%
Male-to-male sexual contact only	58	70%	47	72%	8	67%	3	50%
Injection drug use (IDU) only	2	2%	2	3%	-	-	-	-
Heterosexual contact only	5	6%	3	5%	2	17%	-	-
Male-to-male sexual contact & IDU	-	-	-	-	-	-	-	-
IDU & Heterosexual contact	2	2%	2	3%	-	-	-	-
Male-to-male sexual contact & Heterosexual contact	-	-	-	-	-	-	-	-
Male-to-male sexual contact & IDU & Heterosexual contact	2	2%	1	2%	-	-	1	17%
Perinatal exposure	-	-	-	-	-	-	-	-
Other/unknown	14	17%	10	15%	2	17%	2	33%
Total	83		65		12		6	

Notes:

Reported new diagnoses of HIV infection include persons with a diagnosis of HIV (not AIDS), a diagnosis of HIV and an AIDS diagnosis within 12 months (HIV & later AIDS), and concurrent diagnoses of HIV and AIDS (AIDS) who were residents of Ohio at time of initial diagnosis.

Dash (-) indicates no cases were reported for the given category.

^a Transmission categories are mutually exclusive, hierarchical risk categories determined by the CDC and system-calculated using sex at birth and risk factor history to determine mode of transmission. A person with multiple risks is only represented in the highest category based on the CDC hierarchical algorithm. Thus, transgender women are included in the male-to-male sexual contact transmission category if assigned male at birth and risk factor history indicates sex with males. Please note this is for the categorization of HIV transmission categories only and not to describe sexual orientation.

^b Exposure categories are mutually exclusive risk categories. All possible combinations of risks are represented among exposure categories. A person with multiple risks is represented in the exposure category identifying all the reported ways in which that person may have been exposed to HIV.

Source: Ohio Department of Health, HIV/AIDS Surveillance Program. Data reported through June 30, 2019.

Reported new diagnoses of HIV infection in 2018 by race/ethnicity and age at diagnosis, HIV Prevention Planning Region 4

2018 diagnosis of HIV infection																		
Age at diagnosis (yr)	American Indian/Alaska Native			Asian/Pacific Islander			Black/African-American			Hispanic/ Latinx*			White			Multi-Race		
	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%
<13	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
13-14	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
15-19	*	-	-	*	-	-	*	2	5%	*	-	-	*	-	-	*	-	-
20-24	*	-	-	*	-	-	86.3	10	27%	*	1	33%	14.4	9	21%	*	-	-
25-29	*	-	-	*	-	-	84.2	10	27%	*	1	33%	14.5	9	21%	*	-	-
30-34	*	-	-	*	-	-	70.3	6	16%	*	-	-	*	3	7%	*	-	-
35-39	*	-	-	*	-	-	61.5	5	14%	*	-	-	8.8	5	12%	*	-	-
40-44	*	-	-	*	-	-	*	-	-	*	-	-	*	3	7%	*	-	-
45-49	*	-	-	*	-	-	*	-	-	*	1	33%	7.8	5	12%	*	-	-
50-54	*	-	-	*	-	-	*	-	-	*	-	-	7.2	5	12%	*	-	-
55-64	*	-	-	*	-	-	*	3	8%	*	-	-	*	4	9%	*	-	-
65+	*	-	-	*	-	-	*	1	3%	*	-	-	*	-	-	*	-	-
Total	*	-	-	*	-	-	26.3	37		*	3		4.3	43		*	-	-

Reported new diagnoses of HIV infection in 2018 by race/ethnicity and transmission category, HIV Prevention Planning Region 4

Transmission Category ^c	2018 diagnosis of HIV infection											
	American Indian/Alaska Native		Asian/Pacific Islander		Black/African-American		Hispanic/Latinx ^a		White		Multi-Race	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male adult or adolescent												
Male-to-male sexual contact	-	-	-	-	28	80%	2	67%	28	76%	-	-
Injection drug use (IDU)	-	-	-	-	-	-	-	-	1	3%	-	-
Male-to-male sexual contact and IDU	-	-	-	-	-	-	1	33%	1	3%	-	-
Heterosexual contact	-	-	-	-	1	3%	-	-	-	-	-	-
Other/unknown	-	-	-	-	6	17%	-	-	7	19%	-	-
Subtotal	-	-	-	-	35	100%	3	100%	37	100%	-	-
Female adult or adolescent												
Injection drug use	-	-	-	-	-	-	-	-	3	50%	-	-
Heterosexual contact	-	-	-	-	2	100%	-	-	2	33%	-	-
Other/unknown	-	-	-	-	-	-	-	-	1	17%	-	-
Subtotal	-	-	-	-	2	100%	-	-	6	100%	-	-
Child (<13 yrs at diagnosis)												
Perinatal	-	-	-	-	-	-	-	-	-	-	-	-
Other/unknown	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	-	-	-	-
Total	-		-		37		3		43		-	

Reported new diagnoses of HIV infection in 2018 by race/ethnicity and exposure category, HIV Prevention Planning Region 4

Exposure Category ^d	2018 diagnosis of HIV infection											
	American Indian/Alaska Native		Asian/Pacific Islander		Black/African-American		Hispanic/Latinx ^a		White		Multi-Race	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male-to-male sexual contact only	-	-	-	-	28	76%	2	67%	28	65%	-	-
Injection drug use (IDU) only	-	-	-	-	-	-	-	-	2	5%	-	-
Heterosexual contact only	-	-	-	-	3	8%	-	-	2	5%	-	-
Male-to-male sexual contact & IDU	-	-	-	-	-	-	-	-	-	-	-	-
IDU & Heterosexual contact	-	-	-	-	-	-	-	-	2	5%	-	-
Male-to-male sexual contact & Heterosexual contact	-	-	-	-	-	-	-	-	-	-	-	-
Male-to-male sexual contact & IDU & Heterosexual contact	-	-	-	-	-	-	1	33%	1	2%	-	-
Perinatal exposure	-	-	-	-	-	-	-	-	-	-	-	-
Other/unknown	-	-	-	-	6	16%	-	-	8	19%	-	-
Total	-	-	-	-	37		3		43		-	-

Notes:
Reported new diagnoses of HIV infection include persons with a diagnosis of HIV (not AIDS), a diagnosis of HIV and an AIDS diagnosis within 12 months (HIV & later AIDS), and concurrent diagnoses of HIV and AIDS (AIDS) who were residents of Ohio at time of initial diagnosis.
Asterisk (*) indicates rate not calculated because census data unavailable or for case count <5 due to unstable rates. Dash (-) indicates no cases were reported for the given category.
^a Hispanics/Latinx may be of any race. Persons with a race of American Indian/Alaska Native, Asian/Pacific Islander, Black/African-American, White, or Multi-race are not-Hispanic. Asian/Pacific Islander includes Native Hawaiians.
^b The rate is the number of persons with a reported diagnosis of HIV infection per 100,000 population calculated using 2018 U.S. Census estimates.
^c Transmission categories are mutually exclusive, hierarchical risk categories determined by the CDC and system-calculated using sex at birth and risk factor history to determine mode of transmission. A person with multiple risks is only represented in the highest category based on the CDC hierarchical algorithm. Thus, transgender women are included in the male-to-male sexual contact transmission category if assigned male at birth and risk factor history indicates sex with males. Please note this is for the categorization of HIV transmission categories only and not to describe sexual orientation.
^d Exposure categories are mutually exclusive risk categories. All possible combinations of risks are represented among exposure categories. A person with multiple risks is represented in the exposure category identifying all the reported ways in which that person may have been exposed to HIV.
Source: Ohio Department of Health, HIV/AIDS Surveillance Program. Data reported through June 30, 2019.

Trends in reported new diagnoses of HIV infection by year of diagnosis (2014-2018) and cumulative diagnoses by selected characteristics, HIV Prevention Planning Region 4

Characteristic	Diagnosis of HIV Infection by Year															Cumulative Diagnoses	
	2014			2015			2016			2017			2018				
	Rate ^a	No.	%	Rate ^a	No.	%	Rate ^a	No.	%	Rate ^a	No.	%	Rate ^a	No.	%	No.	%
Sex at birth																	
Males	11.5	70	89%	9.1	55	75%	13.6	82	85%	10.8	65	84%	12.4	75	90%	2,262	80%
Females	1.4	9	11%	2.8	18	25%	2.2	14	15%	1.9	12	16%	1.3	8	10%	561	20%
Age at diagnosis (yr)																	
<13	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	27	1%
13-14	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	3	<1%
15-19	11.0	9	11%	*	2	3%	*	4	4%	7.6	6	8%	*	2	2%	108	4%
20-24	17.1	15	19%	17.4	15	21%	28.3	24	25%	13.2	11	14%	24.2	20	24%	356	13%
25-29	19.8	15	19%	19.4	15	21%	22.8	18	19%	17.3	14	18%	24.5	20	24%	461	16%
30-34	7.0	5	6%	8.4	6	8%	17.0	12	13%	11.3	8	10%	12.6	9	11%	475	17%
35-39	*	3	4%	7.2	5	7%	11.3	8	8%	8.4	6	8%	14.0	10	12%	450	16%
40-44	7.9	6	8%	*	3	4%	8.6	6	6%	7.3	5	6%	*	3	4%	348	12%
45-49	14.7	12	15%	12.4	10	14%	8.8	7	7%	12.7	10	13%	7.8	6	7%	256	9%
50-54	6.4	6	8%	8.8	8	11%	5.7	5	5%	8.3	7	9%	6.1	5	6%	163	6%
55-64	4.4	8	10%	4.9	9	12%	5.4	10	10%	4.9	9	12%	3.8	7	8%	147	5%
65+	*	-	-	*	-	-	*	2	2%	*	1	1%	*	1	1%	29	1%
Race/Ethnicity^b																	
American Indian/Alaska Native	*	-	-	*	1	1%	*	-	-	*	-	-	*	-	-	2	<1%
Asian/Pacific Islander	*	-	-	*	2	3%	*	-	-	*	-	-	*	-	-	9	<1%
Black/African-American	24.9	35	44%	18.4	26	36%	32.8	46	48%	21.4	30	39%	26.3	37	45%	1,086	38%
Hispanic/Latinx	16.4	5	6%	19.2	6	8%	19.0	6	6%	21.1	7	9%	*	3	4%	127	4%
White	3.5	36	46%	3.3	34	47%	3.8	39	41%	3.7	37	48%	4.3	43	52%	1,505	53%
Multi-Race	*	3	4%	*	4	5%	20.4	5	5%	*	3	4%	*	-	-	76	3%
Unknown	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	18	1%
Race/Ethnicity^b and Sex at birth																	
American Indian/Alaska Native Males	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	1	<1%
American Indian/Alaska Native Females	*	-	-	*	1	1%	*	-	-	*	-	-	*	-	-	1	<1%
Asian/Pacific Islander Males	*	-	-	*	1	1%	*	-	-	*	-	-	*	-	-	6	<1%
Asian/Pacific Islander Females	*	-	-	*	1	1%	*	-	-	*	-	-	*	-	-	3	<1%
Black/African-American Males	46.4	31	39%	29.8	20	27%	58.3	39	41%	35.9	24	31%	52.5	35	42%	801	28%
Black/African-American Females	*	4	5%	8.1	6	8%	9.5	7	7%	8.1	6	8%	*	2	2%	285	10%
Hispanic/Latino Males	*	3	4%	30.2	5	7%	35.7	6	6%	34.2	6	8%	*	3	4%	93	3%
Hispanic/Latina Females	*	2	3%	*	1	1%	*	-	-	*	1	1%	*	-	-	34	1%
White Males	6.8	34	43%	5.0	25	34%	6.9	34	35%	6.7	33	43%	7.5	37	45%	1,293	46%
White Females	*	2	3%	1.7	9	12%	1.0	5	5%	*	4	5%	1.2	6	7%	212	8%
Multi-Race Males	*	2	3%	*	4	5%	*	3	3%	*	2	3%	*	-	-	57	2%
Multi-Race Females	*	1	1%	*	-	-	*	2	2%	*	1	1%	*	-	-	19	1%
Unknown	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	18	1%
Total	6.3	79		5.9	73		7.8	96		6.2	77		6.7	83		2,823	

Notes:

Reported new diagnoses of HIV infection include persons with a diagnosis of HIV (not AIDS), a diagnosis of HIV and an AIDS diagnosis within 12 months (HIV & later AIDS), and concurrent diagnoses of HIV and AIDS (AIDS) who were residents of Ohio at time of initial diagnosis. Diagnoses of HIV infection by year (2014-2018) represent all reported cases diagnosed in each year; cumulative diagnoses represent all reported HIV and/or AIDS cases diagnosed since the beginning of the epidemic through 2018.

Asterisk (*) indicates rate not calculated for case count <5 due to unstable rates. Dash (-) indicates no cases were reported for the given category.

^a The rate is the number of persons with a reported diagnosis of HIV infection per 100,000 population calculated using U.S. Census estimates for that year.

^b Hispanics/Latinx may be of any race. Persons with a race of American Indian/Alaska Native, Asian/Pacific Islander, Black/African-American, White, or Multi-race are not-Hispanic. Asian/Pacific Islander includes Native Hawaiians.

Source: Ohio Department of Health, HIV/AIDS Surveillance Program. Data reported through June 30, 2019.

Trends in reported new diagnoses of HIV infection by year of diagnosis (2014-2018) and cumulative diagnoses by transmission category, HIV Prevention Planning Region 4

Transmission Category ^a	Diagnosis of HIV Infection by Year										Cumulative Diagnoses	
	2014		2015		2016		2017		2018			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male adult or adolescent												
Male-to-male sexual contact	52	74%	42	76%	60	73%	44	68%	58	77%	1,475	66%
Injection drug use (IDU)	2	3%	3	5%	1	1%	5	8%	1	1%	122	5%
Male-to-male sexual contact and IDU	1	1%	3	5%	4	5%	2	3%	2	3%	119	5%
Heterosexual contact	4	6%	-	-	6	7%	4	6%	1	1%	133	6%
Other/unknown	11	16%	7	13%	11	13%	10	15%	13	17%	396	18%
Subtotal	70	100%	55	100%	82	100%	65	100%	75	100%	2,245	100%
Female adult or adolescent												
Injection drug use	-	-	1	6%	2	14%	-	-	3	38%	87	16%
Heterosexual contact	8	89%	15	83%	12	86%	10	83%	4	50%	382	69%
Other/unknown	1	11%	2	11%	-	-	2	17%	1	13%	83	15%
Subtotal	9	100%	18	100%	14	100%	12	100%	8	100%	552	100%
Child (<13 yrs at diagnosis)												
Perinatal	-	-	-	-	-	-	-	-	-	-	21	81%
Other/unknown	-	-	-	-	-	-	-	-	-	-	5	19%
Subtotal	-	-	-	-	-	-	-	-	-	-	26	100%
Total	79		73		96		77		83		2,823	

Trends in reported diagnoses of HIV infection by year of diagnosis (2014-2018) and cumulative diagnoses by exposure category, HIV Prevention Planning Region 4

Exposure Category ^b	Diagnosis of HIV Infection by Year										Cumulative Diagnoses	
	2014		2015		2016		2017		2018			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male-to-male sexual contact only	52	66%	41	56%	59	61%	44	57%	58	70%	1,410	50%
Injection drug use (IDU) only	1	1%	2	3%	1	1%	4	5%	2	2%	120	4%
Heterosexual contact only	12	15%	15	21%	18	19%	14	18%	5	6%	516	18%
Male-to-male sexual contact & IDU	-	-	3	4%	4	4%	1	1%	-	-	101	4%
IDU & Heterosexual contact	1	1%	2	3%	2	2%	1	1%	2	2%	89	3%
Male-to-male sexual contact & Heterosexual contact	-	-	1	1%	1	1%	-	-	-	-	65	2%
Male-to-male sexual contact & IDU & Heterosexual contact	1	1%	-	-	-	-	1	1%	2	2%	18	1%
Perinatal exposure	1	1%	-	-	-	-	-	-	-	-	23	1%
Other/unknown	11	14%	9	12%	11	11%	12	16%	14	17%	481	17%
Total	79		73		96		77		83		2,823	

Notes:

Reported new diagnoses of HIV infection include persons with a diagnosis of HIV (not AIDS), a diagnosis of HIV and an AIDS diagnosis within 12 months (HIV & later AIDS), and concurrent diagnoses of HIV and AIDS (AIDS) who were residents of Ohio at time of initial diagnosis. Diagnoses of HIV infection by year (2014-2018) represent all reported cases diagnosed in each year; cumulative diagnoses represent all reported HIV and/or AIDS cases diagnosed since the beginning of the epidemic through 2018.

Dash (-) indicates no cases were reported for the given category.

^a Transmission categories are mutually exclusive, hierarchical risk categories determined by the CDC and system-calculated using sex at birth and risk factor history to determine mode of transmission. A person with multiple risks is only represented in the highest category based on the CDC hierarchical algorithm. Thus, transgender women are included in the male-to-male sexual contact transmission category if assigned male at birth and risk factor history indicates sex with males. Please note this is for the categorization of HIV transmission categories only and not to describe sexual orientation.

^b Exposure categories are mutually exclusive risk categories. All possible combinations of risks are represented among exposure categories. A person with multiple risks is represented in the exposure category identifying all the reported ways in which that person may have been exposed to HIV.

Source: Ohio Department of Health, HIV/AIDS Surveillance Program. Data reported through June 30, 2019.

Reported diagnoses of AIDS in 2018 by time to AIDS diagnosis and selected characteristics, HIV Prevention Planning Region 4

Characteristic	AIDS Diagnoses					
	2018 AIDS diagnosis		≥12 Months after HIV Diagnosis		<12 Months after HIV Diagnosis ^a	
	No.	%	No.	%	No.	%
Sex at birth						
Males	16	73%	3	43%	13	87%
Females	6	27%	4	57%	2	13%
Age at AIDS diagnosis (yr)						
<13	-	-	-	-	-	-
13-14	-	-	-	-	-	-
15-19	-	-	-	-	-	-
20-24	1	5%	-	-	1	7%
25-29	3	14%	-	-	3	20%
30-34	2	9%	1	14%	1	7%
35-39	4	18%	1	14%	3	20%
40-44	2	9%	-	-	2	13%
45-49	4	18%	2	29%	2	13%
50-54	2	9%	1	14%	1	7%
55-64	3	14%	1	14%	2	13%
65+	1	5%	1	14%	-	-
Race/Ethnicity^b						
American Indian/Alaska Native	-	-	-	-	-	-
Asian/Pacific Islander	-	-	-	-	-	-
Black/African-American	8	36%	5	71%	3	20%
Hispanic/Latinx	2	9%	-	-	2	13%
White	11	50%	1	14%	10	67%
Multi-Race	1	5%	1	14%	-	-
Race/Ethnicity^b and Sex at birth						
American Indian/Alaska Native Males	-	-	-	-	-	-
American Indian/Alaska Native Females	-	-	-	-	-	-
Asian/Pacific Islander Males	-	-	-	-	-	-
Asian/Pacific Islander Females	-	-	-	-	-	-
Black/African-American Males	5	23%	2	29%	3	20%
Black/African-American Females	3	14%	3	43%	-	-
Hispanic/Latino Males	2	9%	-	-	2	13%
Hispanic/Latina Females	-	-	-	-	-	-
White Males	9	41%	1	14%	8	53%
White Females	2	9%	-	-	2	13%
Multi-Race Males	-	-	-	-	-	-
Multi-Race Females	1	5%	1	14%	-	-
Total	22		7		15	

Notes:

Data reflects all persons with an AIDS diagnosis in 2018 regardless of year of HIV infection diagnosis, and who were living in Ohio at the time of initial diagnosis.

^a Includes persons whose diagnoses of HIV infection and AIDS were made at the same time.

^b Hispanics/Latinx may be of any race. Persons with a race of American Indian/Alaska Native, Asian/Pacific Islander, Black/African-American, White, or Multi-race are not-Hispanic. Asian/Pacific Islander includes Native Hawaiians.

Dash (-) indicates no cases were reported for the given category.

Source: Ohio Department of Health, HIV/AIDS Surveillance Program. Data reported through June 30, 2019.

Reported diagnoses of AIDS in 2018 by time to AIDS diagnosis and transmission category, HIV Prevention Planning Region 4

Transmission Category ^b	AIDS Diagnoses					
	2018 AIDS diagnosis		≥12 Months after HIV Diagnosis		<12 Months after HIV Diagnosis ^a	
	No.	%	No.	%	No.	%
Male adult or adolescent						
Male-to-male sexual contact	12	75%	2	67%	10	77%
Injection drug use (IDU)	-	-	-	-	-	-
Male-to-male sexual contact and IDU	1	6%	-	-	1	8%
Heterosexual contact	1	6%	1	33%	-	-
Other/unknown	2	13%	-	-	2	15%
Subtotal	16	100%	3	100%	13	100%
Female adult or adolescent						
Injection drug use	1	17%	1	25%	-	-
Heterosexual contact	3	50%	2	50%	1	50%
Other/unknown	2	33%	1	25%	1	50%
Subtotal	6	100%	4	100%	2	100%
Child (<13 yrs at diagnosis)						
Perinatal	-	-	-	-	-	-
Other/unknown	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-
Total	22		7		15	

Reported diagnoses of AIDS in 2018 by time to AIDS diagnosis and exposure category, HIV Prevention Planning Region 4

Exposure Category ^c	AIDS Diagnoses					
	2018 AIDS diagnosis		≥12Months after HIV Diagnosis		<12 Months after HIV Diagnosis ^a	
	No.	%	No.	%	No.	%
Male-to-male sexual contact only	12	55%	2	29%	10	67%
Injection drug use (IDU) only	-	-	-	-	-	-
Heterosexual contact only	4	18%	3	43%	1	7%
Male-to-male sexual contact & IDU	-	-	-	-	-	-
IDU & Heterosexual contact	1	5%	1	14%	-	-
Male-to-male sexual contact & Heterosexual contact	-	-	-	-	-	-
Male-to-male sexual contact & IDU & Heterosexual contact	1	5%	-	-	1	7%
Perinatal exposure	-	-	-	-	-	-
Other/unknown	4	18%	1	14%	3	20%
Total	22		7		15	

Notes:

Data reflects all persons with an AIDS diagnosis in 2018 regardless of year of HIV infection diagnosis, and who were living in Ohio at the time of initial diagnosis.

Dash (-) indicates no cases were reported for the given category.

^a Includes persons whose diagnoses of HIV infection and AIDS were made at the same time.

^b Transmission categories are mutually exclusive, hierarchical risk categories determined by the CDC and system-calculated using sex at birth and risk factor history to determine mode of transmission. A person with multiple risks is only represented in the highest category based on the CDC hierarchical algorithm. Thus, transgender women are included in the male-to-male sexual contact transmission category if assigned male at birth and risk factor history indicates sex with males. Please note this is for the categorization of HIV transmission categories only and not to describe sexual orientation.

^c Exposure categories are mutually exclusive risk categories. All possible combinations of risks are represented among exposure categories. A person with multiple risks is represented in the exposure category identifying all the reported ways in which that person may have been exposed to HIV.

Source: Ohio Department of Health, HIV/AIDS Surveillance Program. Data reported through June 30, 2019.

Trends in reported diagnoses of AIDS by year of diagnosis (2014-2018) and cumulative AIDS diagnoses by selected characteristics, HIV Prevention Planning Region 4

Characteristic	Year of AIDS Diagnosis										Cumulative AIDS	
	2014		2015		2016		2017		2018			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Sex at birth												
Males	26	81%	30	79%	35	85%	16	70%	16	73%	1,332	82%
Females	6	19%	8	21%	6	15%	7	30%	6	27%	302	18%
Age at AIDS diagnosis (yr)												
<13	-	-	-	-	-	-	-	-	-	-	1	<1%
13-14	-	-	-	-	-	-	-	-	-	-	2	<1%
15-19	-	-	1	3%	1	2%	-	-	-	-	19	1%
20-24	1	3%	8	21%	7	17%	2	9%	1	5%	90	6%
25-29	3	9%	3	8%	5	12%	1	4%	3	14%	194	12%
30-34	3	9%	2	5%	1	2%	5	22%	2	9%	295	18%
35-39	3	9%	4	11%	3	7%	5	22%	4	18%	297	18%
40-44	4	13%	4	11%	3	7%	1	4%	2	9%	292	18%
45-49	3	9%	6	16%	6	15%	2	9%	4	18%	189	12%
50-54	5	16%	6	16%	6	15%	-	-	2	9%	124	8%
55-64	9	28%	4	11%	5	12%	7	30%	3	14%	111	7%
65+	1	3%	-	-	4	10%	-	-	1	5%	20	1%
Race/Ethnicity ^a												
American Indian/Alaska Native	-	-	1	3%	-	-	-	-	-	-	1	<1%
Asian/Pacific Islander	-	-	1	3%	-	-	-	-	-	-	4	<1%
Black/African-American	14	44%	19	50%	18	44%	11	48%	8	36%	619	38%
Hispanic/Latinx	2	6%	5	13%	2	5%	-	-	2	9%	59	4%
White	13	41%	12	32%	19	46%	11	48%	11	50%	910	56%
Multi-Race	3	9%	-	-	2	5%	1	4%	1	5%	41	3%
Race/Ethnicity ^a and Sex at birth												
American Indian/Alaska Native Males	-	-	-	-	-	-	-	-	-	-	-	-
American Indian/Alaska Native Females	-	-	1	3%	-	-	-	-	-	-	1	<1%
Asian/Pacific Islander Males	-	-	-	-	-	-	-	-	-	-	1	<1%
Asian/Pacific Islander Females	-	-	1	3%	-	-	-	-	-	-	3	<1%
Black/African-American Males	9	28%	17	45%	16	39%	7	30%	5	23%	456	28%
Black/African-American Females	5	16%	2	5%	2	5%	4	17%	3	14%	163	10%
Hispanic/Latino Males	2	6%	2	5%	2	5%	-	-	2	9%	43	3%
Hispanic/Latina Females	-	-	3	8%	-	-	-	-	-	-	16	1%
White Males	12	38%	11	29%	15	37%	8	35%	9	41%	802	49%
White Females	1	3%	1	3%	4	10%	3	13%	2	9%	108	7%
Multi-Race Males	3	9%	-	-	2	5%	1	4%	-	-	30	2%
Multi-Race Females	-	-	-	-	-	-	-	-	1	5%	11	1%
Total	32		38		41		23		22		1,634	

Notes:

AIDS diagnoses by year (2014-2018) represent all reported AIDS cases diagnosed in each year regardless of year of HIV infection diagnosis, and who were living in Ohio at the time of initial diagnosis; cumulative AIDS cases represent all reported AIDS cases diagnosed since the beginning of the epidemic through 2018.

Dash (-) indicates no cases were reported for the given category.

^a Hispanics/Latinx may be of any race. Persons with a race of American Indian/Alaska Native, Asian/Pacific Islander, Black/African-American, White, or Multi-race are not-Hispanic. Asian/Pacific Islander includes Native Hawaiians.

Source: Ohio Department of Health, HIV/AIDS Surveillance Program. Data reported through June 30, 2019.

Trends in reported diagnoses of AIDS by year of diagnosis (2014-2018) and cumulative AIDS diagnoses by transmission category, HIV Prevention Planning Region 4

Transmission Category ^a	Year of AIDS Diagnosis										Cumulative AIDS	
	2014		2015		2016		2017		2018			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male adult or adolescent												
Male-to-male sexual contact	15	58%	21	72%	20	57%	10	63%	12	75%	886	67%
Injection drug use (IDU)	1	4%	1	3%	2	6%	-	-	-	-	89	7%
Male-to-male sexual contact and IDU	1	4%	1	3%	2	6%	-	-	1	6%	86	6%
Heterosexual contact	3	12%	-	-	2	6%	-	-	1	6%	80	6%
Other/unknown	6	23%	6	21%	9	26%	6	38%	2	13%	185	14%
Subtotal	26	100%	29	100%	35	100%	16	100%	16	100%	1,326	100%
Female adult or adolescent												
Injection drug use	1	17%	-	-	1	17%	1	14%	1	17%	57	19%
Heterosexual contact	4	67%	7	100%	5	83%	5	71%	3	50%	217	72%
Other/unknown	1	17%	-	-	-	-	1	14%	2	33%	26	9%
Subtotal	6	100%	7	100%	6	100%	7	100%	6	100%	300	100%
Child (<13 yrs at diagnosis)												
Perinatal	-	-	2	100%	-	-	-	-	-	-	7	88%
Other/unknown	-	-	-	-	-	-	-	-	-	-	1	13%
Subtotal	-	-	2	100%	-	-	-	-	-	-	8	100%
Total	32		38		41		23		22		1,634	

Trends in reported diagnoses of AIDS by year of diagnosis (2014-2018) and cumulative AIDS diagnoses by exposure category, HIV Prevention Planning Region 4

Exposure Category ^b	Year of AIDS Diagnosis										Cumulative AIDS	
	2014		2015		2016		2017		2018			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male-to-male sexual contact only	15	47%	19	50%	19	46%	8	35%	12	55%	839	51%
Injection drug use (IDU) only	1	3%	1	3%	1	2%	1	4%	-	-	82	5%
Heterosexual contact only	7	22%	7	18%	7	17%	5	22%	4	18%	298	18%
Male-to-male sexual contact & IDU	1	3%	1	3%	2	5%	-	-	-	-	75	5%
IDU & Heterosexual contact	1	3%	-	-	2	5%	-	-	1	5%	64	4%
Male-to-male sexual contact & Heterosexual contact	-	-	2	5%	1	2%	2	9%	-	-	47	3%
Male-to-male sexual contact & IDU & Heterosexual contact	-	-	-	-	-	-	-	-	1	5%	11	1%
Perinatal exposure	-	-	2	5%	-	-	-	-	-	-	7	<1%
Other/unknown	7	22%	6	16%	9	22%	7	30%	4	18%	211	13%
Total	32		38		41		23		22		1,634	

Notes:

AIDS diagnoses by year (2014-2018) represent all reported AIDS cases diagnosed in each year regardless of year of HIV infection diagnosis, and who were living in Ohio at the time of initial diagnosis; cumulative AIDS cases represent all reported AIDS cases diagnosed since the beginning of the epidemic through 2018.

Dash (-) indicates no cases were reported for the given category.

^a Transmission categories are mutually exclusive, hierarchical risk categories determined by the CDC and system-calculated using sex at birth and risk factor history to determine mode of transmission. A person with multiple risks is only represented in the highest category based on the CDC hierarchical algorithm. Thus, transgender women are included in the male-to-male sexual contact transmission category if assigned male at birth and risk factor history indicates sex with males. Please note this is for the categorization of HIV transmission categories only and not to describe sexual orientation.

^b Exposure categories are mutually exclusive risk categories. All possible combinations of risks are represented among exposure categories. A person with multiple risks is represented in the exposure category identifying all the reported ways in which that person may have been exposed to HIV.

Source: Ohio Department of Health, HIV/AIDS Surveillance Program. Data reported through June 30, 2019.

Persons Living with Diagnosed HIV Infection Reported in HIV Prevention Planning Region 4

Counties: Columbiana, Mahoning, Portage, Summit, Trumbull

As of June 30, 2019

Reported persons living with diagnosed HIV infection in 2018 by current disease status and selected characteristics, HIV Prevention Planning Region 4

Characteristic	Living with diagnosed HIV infection in			Current Disease Status			
	2018			HIV (not AIDS)		AIDS	
	Rate ^a	No.	%	No.	%	No.	%
Sex at birth							
Males	237.9	1,437	78%	784	77%	653	78%
Females	65.0	411	22%	230	23%	181	22%
Age at end of year							
<13	*	4	<1%	4	<1%	-	-
13-14	*	-	-	-	-	-	-
15-19	11.6	9	<1%	9	1%	-	-
20-24	84.7	70	4%	56	6%	14	2%
25-29	197.3	161	9%	119	12%	42	5%
30-34	231.1	165	9%	116	11%	49	6%
35-39	185.0	132	7%	95	9%	37	4%
40-44	233.5	159	9%	94	9%	65	8%
45-49	261.8	202	11%	100	10%	102	12%
50-54	362.3	295	16%	138	14%	157	19%
55-64	263.3	481	26%	213	21%	268	32%
65+	72.0	170	9%	70	7%	100	12%
Race/Ethnicity^b							
American Indian/Alaska Native	*	1	<1%	-	-	1	<1%
Asian/Pacific Islander	39.3	11	1%	6	1%	5	1%
Black/African-American	526.0	739	40%	413	41%	326	39%
Hispanic/Latinx	350.0	125	7%	63	6%	62	7%
White	88.2	885	48%	485	48%	400	48%
Multi-Race	271.4	70	4%	30	3%	40	5%
Unknown	*	17	1%	17	2%	-	-
Race/Ethnicity^b and Sex at birth							
American Indian/Alaska Native Males	*	-	-	-	-	-	-
American Indian/Alaska Native Females	*	1	<1%	-	-	1	<1%
Asian/Pacific Islander Males	50.3	7	<1%	5	<1%	2	<1%
Asian/Pacific Islander Females	*	4	<1%	1	<1%	3	<1%
Black/African-American Males	794.8	530	29%	300	30%	230	28%
Black/African-American Females	283.2	209	11%	113	11%	96	12%
Hispanic/Latino Males	470.8	89	5%	44	4%	45	5%
Hispanic/Latina Females	214.1	36	2%	19	2%	17	2%
White Males	152.8	750	41%	403	40%	347	42%
White Females	26.3	135	7%	82	8%	53	6%
Multi-Race Males	402.8	51	3%	22	2%	29	3%
Multi-Race Females	144.7	19	1%	8	1%	11	1%
Unknown	*	17	1%	17	2%	-	-
Total	149.5	1,848		1,014		834	

Notes:

Living with diagnosed HIV infection represents all persons ever diagnosed and reported with HIV and/or AIDS who have not been reported as having died as of December 31, 2018. Persons living with diagnosed HIV infection represent persons living in Ohio as of December 31, 2018, regardless of whether the person was a resident of Ohio at time of initial HIV and/or AIDS diagnosis.

Asterisk (*) indicates rate not calculated for case count <5 due to unstable rates. Dash (-) indicates no cases were reported for the given category.

^a The rate is the number of persons living with diagnosed HIV infection per 100,000 population calculated using U.S. Census estimates for that year.

^b Hispanics/Latinx may be of any race. Persons with a race of American Indian/Alaska Native, Asian/Pacific Islander, Black/African-American, White, or Multi-race are not-Hispanic. Asian/Pacific Islander includes Native Hawaiians.

Source: Ohio Department of Health, HIV/AIDS Surveillance Program. Data reported through June 30, 2019.

Reported persons living with diagnosed HIV infection in 2018 by current disease status and transmission category, HIV Prevention Planning Region 4

Transmission Category ^a	Living with diagnosed HIV infection in		Current Disease Status			
	2018		HIV (not AIDS)		AIDS	
	No.	%	No.	%	No.	%
Male adult or adolescent						
Male-to-male sexual contact	979	69%	530	69%	449	69%
Injection drug use (IDU)	56	4%	22	3%	34	5%
Male-to-male sexual contact and IDU	77	5%	29	4%	48	7%
Heterosexual contact	86	6%	42	5%	44	7%
Other/unknown	224	16%	150	19%	74	11%
Subtotal	1,422	100%	773	100%	649	100%
Female adult or adolescent						
Injection drug use	49	12%	23	10%	26	15%
Heterosexual contact	301	75%	156	70%	145	81%
Other/unknown	53	13%	45	20%	8	4%
Subtotal	403	100%	224	100%	179	100%
Child (<13 yrs at diagnosis)						
Perinatal	19	83%	13	76%	6	100%
Other/unknown	4	17%	4	24%	-	-
Subtotal	23	100%	17	100%	6	100%
Total	1,848		1,014		834	

Reported persons living with diagnosed HIV infection in 2018 by current disease status and exposure category, HIV Prevention Planning Region 4

Exposure Category ^b	Living with diagnosed HIV infection in		Current Disease Status			
	2018		HIV (not AIDS)		AIDS	
	No.	%	No.	%	No.	%
Male-to-male sexual contact only	927	50%	511	50%	416	50%
Injection drug use (IDU) only	63	3%	31	3%	32	4%
Heterosexual contact only	387	21%	198	20%	189	23%
Male-to-male sexual contact & IDU	58	3%	21	2%	37	4%
IDU & Heterosexual contact	42	2%	14	1%	28	3%
Male-to-male sexual contact & Heterosexual contact	52	3%	19	2%	33	4%
Male-to-male sexual contact & IDU & Heterosexual contact	19	1%	8	1%	11	1%
Perinatal exposure	20	1%	14	1%	6	1%
Other/unknown	280	15%	198	20%	82	10%
Total	1,848		1,014		834	

Notes:

Living with diagnosed HIV infection represents all persons ever diagnosed and reported with HIV and/or AIDS who have not been reported as having died as of December 31, 2018. Persons living with diagnosed HIV infection represent persons living in Ohio as of December 31, 2018, regardless of whether the person was a resident of Ohio at time of initial HIV and/or AIDS diagnosis.

Dash (-) indicates no cases were reported for the given category.

^a Transmission categories are mutually exclusive, hierarchical risk categories determined by the CDC and system-calculated using sex at birth and risk factor history to determine mode of transmission. A person with multiple risks is only represented in the highest category based on the CDC hierarchical algorithm. Thus, transgender women are included in the male-to-male sexual contact transmission category if assigned male at birth and risk factor history indicates sex with males. Please note this is for the categorization of HIV transmission categories only and not to describe sexual orientation.

^b Exposure categories are mutually exclusive risk categories. All possible combinations of risks are represented among exposure categories. A person with multiple risks is represented in the exposure category identifying all the reported ways in which that person may have been exposed to HIV.

Source: Ohio Department of Health, HIV/AIDS Surveillance Program. Data reported through June 30, 2019.

Reported persons living with diagnosed HIV infection in 2018 by race/ethnicity and age, HIV Prevention Planning Region 4

Living with diagnosed HIV infection in 2018

Age at end of year	American Indian/Alaska Native			Asian/Pacific Islander			Black/African-American			Hispanic/ Latinx ^a			White			Multi-Race			Unknown	
	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%	No.	%
<13	*	-	-	*	-	-	*	4	1%	*	-	-	*	-	-	*	-	-	-	-
13-14	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	-	-
15-19	*	-	-	*	-	-	56.8	6	1%	*	-	-	*	1	<1%	*	2	3%	-	-
20-24	*	1	100%	*	-	-	396.9	46	6%	159.6	5	4%	25.7	16	2%	*	2	3%	-	-
25-29	*	-	-	*	-	-	698.8	83	11%	422.1	13	10%	92.1	57	6%	414.7	8	11%	-	-
30-34	*	-	-	*	2	18%	984.5	84	11%	349.0	10	8%	108.6	61	7%	576.1	7	10%	1	6%
35-39	*	-	-	*	2	18%	738.1	60	8%	318.2	9	7%	98.7	56	6%	479.8	5	7%	-	-
40-44	*	-	-	*	3	27%	831.4	63	9%	504.0	12	10%	134.3	74	8%	568.8	5	7%	2	12%
45-49	*	-	-	*	1	9%	1,034.8	85	12%	770.8	15	12%	143.6	92	10%	1,015.2	8	11%	1	6%
50-54	*	-	-	*	1	9%	1,072.0	84	11%	1,206.9	21	17%	247.7	172	19%	2,252.3	15	21%	2	12%
55-64	*	-	-	*	2	18%	1,021.3	173	23%	1,339.5	35	28%	156.1	248	28%	1,285.0	17	24%	6	35%
65+	*	-	-	*	-	-	1,824.0	51	7%	446.8	5	4%	107.4	108	12%	*	1	1%	5	29%
Total	*	1		39.3	11		526.0	739		350.0	125		88.2	885		271.4	70		17	

Reported persons living with diagnosed HIV infection in 2018 by race/ethnicity and transmission category, HIV Prevention Planning Region 4

Living with diagnosed HIV infection in 2018

Transmission Category ^c	American Indian/Alaska Native		Asian/Pacific Islander		Black/African-American		Hispanic/ Latinx ^a		White		Multi-Race		Unknown	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male adult or adolescent														
Male-to-male sexual contact	-	-	5	71%	347	67%	49	56%	542	72%	36	71%	-	-
Injection drug use (IDU)	-	-	-	-	20	4%	11	13%	22	3%	3	6%	-	-
Male-to-male sexual contact and IDU	-	-	-	-	17	3%	8	9%	47	6%	5	10%	-	-
Heterosexual contact	-	-	1	14%	39	8%	7	8%	34	5%	5	10%	-	-
Other/unknown	-	-	1	14%	96	18%	12	14%	103	14%	2	4%	10	100%
Subtotal	-	-	7	100%	519	100%	87	100%	748	100%	51	100%	10	100%
Female adult or adolescent														
Injection drug use	-	-	-	-	18	9%	4	12%	25	19%	2	12%	-	-
Heterosexual contact	1	100%	4	100%	163	79%	24	71%	96	71%	13	76%	-	-
Other/unknown	-	-	-	-	25	12%	6	18%	14	10%	2	12%	6	100%
Subtotal	1	100%	4	100%	206	100%	34	100%	135	100%	17	100%	6	100%
Child (<13 yrs at diagnosis)														
Perinatal	-	-	-	-	12	86%	4	100%	2	100%	1	50%	-	-
Other/unknown	-	-	-	-	2	14%	-	-	-	-	1	50%	1	100%
Subtotal	-	-	-	-	14	100%	4	100%	2	100%	2	100%	1	100%
Total	1		11		739		125		885		70		17	

Reported persons living with diagnosed HIV infection in 2018 by race/ethnicity and exposure category, HIV Prevention Planning Region 4

Living with diagnosed HIV infection in 2018

Exposure Category ^d	American Indian/Alaska Native		Asian/Pacific Islander		Black/African-American		Hispanic/ Latinx ^a		White		Multi-Race		Unknown	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male-to-male sexual contact only	-	-	4	36%	322	44%	45	36%	525	59%	31	44%	-	-
Injection drug use (IDU) only	-	-	-	-	24	3%	7	6%	30	3%	2	3%	-	-
Heterosexual contact only	1	100%	5	45%	202	27%	31	25%	130	15%	18	26%	-	-
Male-to-male sexual contact & IDU	-	-	-	-	12	2%	6	5%	37	4%	3	4%	-	-
IDU & Heterosexual contact	-	-	-	-	14	2%	8	6%	17	2%	3	4%	-	-
Male-to-male sexual contact & Heterosexual contact	-	-	1	9%	25	3%	4	3%	17	2%	5	7%	-	-
Male-to-male sexual contact & IDU & Heterosexual contact	-	-	-	-	5	1%	2	2%	10	1%	2	3%	-	-
Perinatal exposure	-	-	-	-	12	2%	5	4%	2	0%	1	1%	-	-
Other/unknown	-	-	1	9%	123	17%	17	14%	117	13%	5	7%	17	100%
Total	1		11		739		125		885		70		17	

Notes:

Living with diagnosed HIV infection represents all persons ever diagnosed and reported with HIV and/or AIDS who have not been reported as having died as of December 31, 2018. Persons living with diagnosed HIV infection represent persons living in Ohio as of December 31, 2018, regardless of whether the person was a resident of Ohio at time of initial HIV and/or AIDS diagnosis.

Asterisk (*) indicates rate not calculated because census data unavailable or for case count <5 due to unstable rates. Dash (-) indicates no cases were reported for the given category.

^a Hispanics/Latinx may be of any race. Persons with a race of American Indian/Alaska Native, Asian/Pacific Islander, Black/African-American, White, or Multi-race are not-Hispanic. Asian/Pacific Islander includes Native Hawaiians.

^b The rate is the number of persons living with diagnosed HIV infection per 100,000 population calculated using U.S. Census estimates for that year.

^c Transmission categories are mutually exclusive, hierarchical risk categories determined by the CDC and system-calculated using sex at birth and risk factor history to determine mode of transmission. A person with multiple risks is only represented in the highest category based on the CDC hierarchical algorithm. Thus, transgender women are included in the male-to-male sexual contact transmission category if assigned male at birth and risk factor history indicates sex with males. Please note this is for the categorization of HIV transmission categories only and not to describe sexual orientation.

^d Exposure categories are mutually exclusive risk categories. All possible combinations of risks are represented among exposure categories. A person with multiple risks is represented in the exposure category identifying all the reported ways in which that person may have been exposed to HIV.

Source: Ohio Department of Health, HIV/AIDS Surveillance Program. Data reported through June 30, 2019.

Trends in reported persons living with diagnosed HIV infection by year of diagnosis and selected characteristics, HIV Prevention Planning Region 4, 2014-2018

Characteristic	Living with Diagnosed HIV Infection														
	2014			2015			2016			2017			2018		
	Rate ^a	No.	%	Rate ^a	No.	%	Rate ^a	No.	%	Rate ^a	No.	%	Rate ^a	No.	%
Sex at birth															
Males	208.3	1,268	77%	208.7	1,268	76%	219.2	1,326	76%	230.2	1,391	77%	237.9	1,437	78%
Females	58.1	371	23%	61.4	391	24%	64.8	410	24%	65.3	413	23%	65.0	411	22%
Age at end of year															
<13	2.7	5	<1%	*	4	<1%	*	3	<1%	*	4	<1%	*	4	<1%
13-14	*	3	<1%	*	4	<1%	*	2	<1%	*	1	<1%	*	-	-
15-19	18.3	15	1%	11.1	9	1%	11.3	9	1%	13.9	11	1%	11.6	9	<1%
20-24	81.1	71	4%	83.3	72	4%	93.3	79	5%	81.4	68	4%	84.7	70	4%
25-29	168.0	127	8%	160.4	124	7%	169.8	134	8%	180.8	146	8%	197.3	161	9%
30-34	155.4	111	7%	164.6	117	7%	190.8	135	8%	224.9	159	9%	231.1	165	9%
35-39	187.3	130	8%	184.6	129	8%	191.4	135	8%	180.1	128	7%	185.0	132	7%
40-44	223.3	170	10%	203.2	149	9%	233.3	163	9%	244.5	167	9%	233.5	159	9%
45-49	354.7	289	18%	323.2	260	16%	293.9	235	14%	276.8	218	12%	261.8	202	11%
50-54	309.4	289	18%	346.0	314	19%	356.1	310	18%	355.6	299	17%	362.3	295	16%
55-64	183.1	335	20%	195.6	360	22%	219.0	403	23%	248.7	457	25%	263.3	481	26%
65+	43.7	94	6%	53.3	117	7%	57.2	128	7%	63.5	146	8%	72.0	170	9%
Race/Ethnicity^b															
American Indian/Alaska Native	*	1	<1%	*	2	<1%	*	2	<1%	*	1	<1%	*	1	<1%
Asian/Pacific Islander	32.4	7	<1%	42.7	10	1%	40.3	10	1%	37.7	10	1%	39.3	11	1%
Black/African-American	464.8	654	40%	466.4	658	40%	498.9	700	40%	514.0	722	40%	526.0	739	40%
Hispanic/Latinx	373.1	114	7%	354.9	111	7%	386.6	122	7%	379.5	126	7%	350.0	125	7%
White	75.5	777	47%	77.0	788	47%	79.8	809	47%	84.3	851	47%	88.2	885	48%
Multi-Race	296.8	69	4%	305.7	73	4%	310.2	76	4%	305.5	77	4%	271.4	70	4%
Unknown	*	17	1%	*	17	1%	*	17	1%	*	17	1%	*	17	1%
Race/Ethnicity^b and Sex at birth															
American Indian/Alaska Native Males	*	1	<1%	*	1	<1%	*	1	<1%	*	-	-	*	-	-
American Indian/Alaska Native Females	*	-	-	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%
Asian/Pacific Islander Males	*	4	<1%	52.8	6	<1%	49.2	6	<1%	45.8	6	<1%	50.3	7	<1%
Asian/Pacific Islander Females	*	3	<1%	*	4	<1%	*	4	<1%	*	4	<1%	*	4	<1%
Black/African-American Males	678.0	453	28%	671.5	451	27%	731.3	489	28%	765.0	511	28%	794.8	530	29%
Black/African-American Females	272.0	201	12%	280.0	207	12%	287.3	211	12%	286.4	211	12%	283.2	209	11%
Hispanic/Latino Males	500.9	81	5%	465.7	77	5%	512.0	86	5%	502.1	88	5%	470.8	89	5%
Hispanic/Latina Females	229.4	33	2%	230.6	34	2%	243.9	36	2%	242.4	38	2%	214.1	36	2%
White Males	132.4	666	41%	133.6	668	40%	136.7	678	39%	145.6	718	40%	152.8	750	41%
White Females	21.1	111	7%	22.9	120	7%	25.3	131	8%	25.8	133	7%	26.3	135	7%
Multi-Race Males	465.9	53	3%	471.5	55	3%	466.9	56	3%	468.9	58	3%	402.8	51	3%
Multi-Race Females	134.8	16	1%	147.3	18	1%	159.9	20	1%	148.0	19	1%	144.7	19	1%
Unknown	*	17	1%	*	17	1%	*	17	1%	*	17	1%	*	17	1%
Total	131.3	1,639		133.3	1,659		140.3	1,736		145.9	1,804		149.5	1,848	

Notes:

Living with diagnosed HIV infection by year (2014-2018) represents all persons ever diagnosed and reported with HIV and/or AIDS who have not been reported as having died as of December 31 of the corresponding year. Persons living with diagnosed HIV infection represent persons living in Ohio as of December 31 of the corresponding year, regardless of whether the person was a resident of Ohio at time of initial HIV and/or AIDS diagnosis.

Asterisk (*) indicates rate not calculated for case count <5 due to unstable rates. Dash (-) indicates no cases were reported for the given category.

^a The rate is the number of persons living with diagnosed HIV infection per 100,000 population calculated using U.S. Census estimates for that year.

^b Hispanics/Latinx may be of any race. Persons with a race of American Indian/Alaska Native, Asian/Pacific Islander, Black/African-American, White, or Multi-race are not-Hispanic. Asian/Pacific Islander includes Native Hawaiians.

Source: Ohio Department of Health, HIV/AIDS Surveillance Program. Data reported through June 30, 2019.

Trends in reported persons living with diagnosed HIV infection by year of diagnosis and transmission category, HIV Prevention Planning Region 4, 2014-2018

Living with Diagnosed HIV Infection										
Transmission Category ^a	2014		2015		2016		2017		2018	
	No.	%	No.	%	No.	%	No.	%	No.	%
Male adult or adolescent										
Male-to-male sexual contact	843	67%	851	68%	894	68%	940	68%	979	69%
Injection drug use (IDU)	60	5%	57	5%	61	5%	58	4%	56	4%
Male-to-male sexual contact and IDU	71	6%	67	5%	66	5%	74	5%	77	5%
Heterosexual contact	83	7%	78	6%	84	6%	85	6%	86	6%
Other/unknown	196	16%	201	16%	207	16%	219	16%	224	16%
Subtotal	1,253	100%	1,254	100%	1,312	100%	1,376	100%	1,422	100%
Female adult or adolescent										
Injection drug use	48	13%	51	13%	52	13%	46	11%	49	12%
Heterosexual contact	262	72%	278	73%	298	74%	305	75%	301	75%
Other/unknown	53	15%	54	14%	53	13%	54	13%	53	13%
Subtotal	363	100%	383	100%	403	100%	405	100%	403	100%
Child (<13 yrs at diagnosis)										
Perinatal	19	83%	18	82%	17	81%	19	83%	19	83%
Other/unknown	4	17%	4	18%	4	19%	4	17%	4	17%
Subtotal	23	100%	22	100%	21	100%	23	100%	23	100%
Total	1,639		1,659		1,736		1,804		1,848	

Trends in reported persons living with diagnosed HIV infection by year of diagnosis and exposure category, HIV Prevention Planning Region 4, 2014-2018

Living with Diagnosed HIV Infection										
Exposure Category ^b	2014		2015		2016		2017		2018	
	No.	%	No.	%	No.	%	No.	%	No.	%
Male-to-male sexual contact only	791	48%	799	48%	842	49%	888	49%	927	50%
Injection drug use (IDU) only	61	4%	64	4%	66	4%	66	4%	63	3%
Heterosexual contact only	345	21%	356	21%	382	22%	390	22%	387	21%
Male-to-male sexual contact & IDU	56	3%	56	3%	55	3%	60	3%	58	3%
IDU & Heterosexual contact	47	3%	44	3%	47	3%	38	2%	42	2%
Male-to-male sexual contact & Heterosexual contact	52	3%	52	3%	52	3%	52	3%	52	3%
Male-to-male sexual contact & IDU & Heterosexual contact	15	1%	11	1%	11	1%	14	1%	19	1%
Perinatal exposure	20	1%	19	1%	18	1%	20	1%	20	1%
Other/unknown	252	15%	258	16%	263	15%	276	15%	280	15%
Total	1,639		1,659		1,736		1,804		1,848	

Notes:

Living with diagnosed HIV infection by year (2014-2018) represents all persons ever diagnosed and reported with HIV and/or AIDS who have not been reported as having died as of December 31 of the corresponding year. Persons living with diagnosed HIV infection represent persons living in Ohio as of December 31 of the corresponding year, regardless of whether the person was a resident of Ohio at time of initial HIV and/or AIDS diagnosis.

Dash (-) indicates no cases were reported for the given category.

^a Transmission categories are mutually exclusive, hierarchical risk categories determined by the CDC and system-calculated using sex at birth and risk factor history to determine mode of transmission. A person with multiple risks is only represented in the highest category based on the CDC hierarchical algorithm. Thus, transgender women are included in the male-to-male sexual contact transmission category if assigned male at birth and risk factor history indicates sex with males. Please note this is for the categorization of HIV transmission categories only and not to describe sexual orientation.

^b Exposure categories are mutually exclusive risk categories. All possible combinations of risks are represented among exposure categories. A person with multiple risks is represented in the exposure category identifying all the reported ways in which that person may have been exposed to HIV.

Source: Ohio Department of Health, HIV/AIDS Surveillance Program. Data reported through June 30, 2019.