

# New Diagnoses of HIV Infection Reported in Cuyahoga County

# Reported new diagnoses of HIV infection in 2018 by disease status and selected characteristics, Cuyahoga County

Characteristic	2018 diagnosis of HIV infection			Disease Status					
	Rate <sup>a</sup>	No.	%	HIV (not AIDS)		HIV & later AIDS		AIDS	
				No.	%	No.	%	No.	%
Sex at birth									
Males	22.6	134	89%	94	89%	31	89%	9	90%
Females	2.6	17	11%	12	11%	4	11%	1	10%
Age at diagnosis (yr)									
<13	*	-	-	-	-	-	-	-	-
13-14	*	-	-	-	-	-	-	-	-
15-19	6.7	5	3%	5	5%	-	-	-	-
20-24	36.6	29	19%	24	23%	1	3%	4	40%
25-29	40.7	38	25%	27	25%	8	23%	3	30%
30-34	19.3	16	11%	12	11%	4	11%	-	-
35-39	19.8	15	10%	9	8%	5	14%	1	10%
40-44	23.8	16	11%	13	12%	3	9%	-	-
45-49	9.4	7	5%	3	3%	4	11%	-	-
50-54	7.6	6	4%	1	1%	4	11%	1	10%
55-64	9.6	17	11%	11	10%	5	14%	1	10%
65+	*	2	1%	1	1%	1	3%	-	-
Race/Ethnicity <sup>b</sup>									
American Indian/Alaska Native	*	-	-	-	-	-	-	-	-
Asian/Pacific Islander	*	-	-	-	-	-	-	-	-
Black/African-American	26.1	96	64%	63	59%	25	71%	8	80%
Hispanic/Latinx	22.2	17	11%	13	12%	3	9%	1	10%
White	4.8	35	23%	28	26%	6	17%	1	10%
Multi-Race	*	3	2%	2	2%	1	3%	-	-
Race/Ethnicity <sup>b</sup> 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	50.2	84	56%	56	53%	21	60%	7	70%
Black/African-American Females	6.0	12	8%	7	7%	4	11%	1	10%
Hispanic/Latino Males	41.9	16	11%	12	11%	3	9%	1	10%
Hispanic/Latina Females	*	1	1%	1	1%	-	-	-	-
White Males	8.7	31	21%	24	23%	6	17%	1	10%
White Females	*	4	3%	4	4%	-	-	-	-
Multi-Race Males	*	3	2%	2	2%	1	3%	-	-
Multi-Race Females	*	-	-	-	-	-	-	-	-
Total	12.1	151		106		35		10	

## 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.

<sup>a</sup> 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.

<sup>b</sup> 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, Cuyahoga County

Transmission Category <sup>a</sup>	2018 diagnosis of HIV infection		Disease Status					
			HIV (not AIDS)		HIV & later AIDS		AIDS	
	No.	%	No.	%	No.	%	No.	%
<b>Male adult or adolescent</b>								
Male-to-male sexual contact	91	68%	69	73%	15	48%	7	78%
Injection drug use (IDU)	3	2%	2	2%	1	3%	-	-
Male-to-male sexual contact and IDU	2	1%	2	2%	-	-	-	-
Heterosexual contact	5	4%	2	2%	3	10%	-	-
Other/unknown	33	25%	19	20%	12	39%	2	22%
Subtotal	134	100%	94	100%	31	100%	9	100%
<b>Female adult or adolescent</b>								
Injection drug use	2	12%	2	17%	-	-	-	-
Heterosexual contact	15	88%	10	83%	4	100%	1	100%
Other/unknown	-	-	-	-	-	-	-	-
Subtotal	17	100%	12	100%	4	100%	1	100%
<b>Child (&lt;13 yrs at diagnosis)</b>								
Perinatal	-	-	-	-	-	-	-	-
Other/unknown	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-
<b>Total</b>	<b>151</b>		<b>106</b>		<b>35</b>		<b>10</b>	

## Reported new diagnoses of HIV infection in 2018 by disease status and exposure category, Cuyahoga County

Exposure Category <sup>b</sup>	2018 diagnosis of HIV infection		Disease Status					
			HIV (not AIDS)		HIV & later AIDS		AIDS	
	No.	%	No.	%	No.	%	No.	%
Male-to-male sexual contact only	90	60%	68	64%	15	43%	7	70%
Injection drug use (IDU) only	4	3%	3	3%	1	3%	-	-
Heterosexual contact only	20	13%	12	11%	7	20%	1	10%
Male-to-male sexual contact & IDU	2	1%	2	2%	-	-	-	-
IDU & Heterosexual contact	1	1%	1	1%	-	-	-	-
Male-to-male sexual contact & Heterosexual contact	1	1%	1	1%	-	-	-	-
Male-to-male sexual contact & IDU & Heterosexual contact	-	-	-	-	-	-	-	-
Perinatal exposure	-	-	-	-	-	-	-	-
Other/unknown	33	22%	19	18%	12	34%	2	20%
<b>Total</b>	<b>151</b>		<b>106</b>		<b>35</b>		<b>10</b>	

### 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.

<sup>a</sup> 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.

<sup>b</sup> 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, Cuyahoga County

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 <sup>b</sup>	No.	%	Rate <sup>b</sup>	No.	%	Rate <sup>b</sup>	No.	%	Rate <sup>b</sup>	No.	%	Rate <sup>b</sup>	No.	%	Rate <sup>b</sup>	No.	%
<13	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
13-14	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
15-19	*	-	-	*	-	-	*	4	4%	*	1	6%	*	-	-	*	-	-
20-24	*	-	-	*	-	-	96.2	25	26%	*	2	12%	*	1	3%	*	1	33%
25-29	*	-	-	*	-	-	72.4	22	23%	104.4	7	41%	15.9	8	23%	*	1	33%
30-34	*	-	-	*	-	-	44.1	10	10%	*	2	12%	*	3	9%	*	1	33%
35-39	*	-	-	*	-	-	51.0	11	11%	*	1	6%	*	3	9%	*	-	-
40-44	*	-	-	*	-	-	42.1	8	8%	*	-	-	20.5	8	23%	*	-	-
45-49	*	-	-	*	-	-	*	4	4%	*	1	6%	*	2	6%	*	-	-
50-54	*	-	-	*	-	-	*	2	2%	*	1	6%	*	3	9%	*	-	-
55-64	*	-	-	*	-	-	18.5	9	9%	*	1	6%	5.9	7	20%	*	-	-
65+	*	-	-	*	-	-	*	1	1%	*	1	6%	*	-	-	*	-	-
Total	*	-	-	*	-	-	26.1	96		22.2	17		4.8	35		*	3	

Reported new diagnoses of HIV infection in 2018 by race/ethnicity and transmission category, Cuyahoga County

Transmission Category <sup>c</sup>	2018 diagnosis of HIV infection											
	American Indian/Alaska Native		Asian/Pacific Islander		Black/African-American		Hispanic/Latinx <sup>a</sup>		White		Multi-Race	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male adult or adolescent												
Male-to-male sexual contact	-	-	-	-	57	68%	12	75%	19	61%	3	100%
Injection drug use (IDU)	-	-	-	-	1	1%	-	-	2	6%	-	-
Male-to-male sexual contact and IDU	-	-	-	-	1	1%	-	-	1	3%	-	-
Heterosexual contact	-	-	-	-	5	6%	-	-	-	-	-	-
Other/unknown	-	-	-	-	20	24%	4	25%	9	29%	-	-
Subtotal	-	-	-	-	84	100%	16	100%	31	100%	3	100%
Female adult or adolescent												
Injection drug use	-	-	-	-	-	-	-	-	2	50%	-	-
Heterosexual contact	-	-	-	-	12	100%	1	100%	2	50%	-	-
Other/unknown	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	12	100%	1	100%	4	100%	-	-
Child (<13 yrs at diagnosis)												
Perinatal	-	-	-	-	-	-	-	-	-	-	-	-
Other/unknown	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	-	-	-	-
Total	-		-		96		17		35		3	

Reported new diagnoses of HIV infection in 2018 by race/ethnicity and exposure category, Cuyahoga County

Exposure Category <sup>d</sup>	2018 diagnosis of HIV infection											
	American Indian/Alaska Native		Asian/Pacific Islander		Black/African-American		Hispanic/Latinx <sup>a</sup>		White		Multi-Race	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male-to-male sexual contact only	-	-	-	-	56	58%	12	71%	19	54%	3	100%
Injection drug use (IDU) only	-	-	-	-	1	1%	-	-	3	9%	-	-
Heterosexual contact only	-	-	-	-	17	18%	1	6%	2	6%	-	-
Male-to-male sexual contact & IDU	-	-	-	-	1	1%	-	-	1	3%	-	-
IDU & Heterosexual contact	-	-	-	-	-	-	-	-	1	3%	-	-
Male-to-male sexual contact & Heterosexual contact	-	-	-	-	1	1%	-	-	-	-	-	-
Male-to-male sexual contact & IDU & Heterosexual contact	-	-	-	-	-	-	-	-	-	-	-	-
Perinatal exposure	-	-	-	-	-	-	-	-	-	-	-	-
Other/unknown	-	-	-	-	20	21%	4	24%	9	26%	-	-
Total	-	-	-	-	96		17		35		3	

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.  
<sup>a</sup> 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.  
<sup>b</sup>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.  
<sup>c</sup> 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.  
<sup>d</sup> 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, Cuyahoga County

Diagnosis of HIV Infection by Year																	
Characteristic	2014			2015			2016			2017			2018			Cumulative Diagnoses	
	Rate <sup>a</sup>	No.	%	Rate <sup>a</sup>	No.	%	Rate <sup>a</sup>	No.	%	Rate <sup>a</sup>	No.	%	Rate <sup>a</sup>	No.	%	No.	%
Sex at birth																	
Males	31.2	187	88%	30.6	183	88%	25.5	152	79%	21.2	126	85%	22.6	134	89%	6,347	81%
Females	3.8	25	12%	3.8	25	12%	6.1	40	21%	3.4	22	15%	2.6	17	11%	1,464	19%
Age at diagnosis (yr)																	
<13	*	1	<1%	*	-	-	*	-	-	*	1	1%	*	-	-	84	1%
13-14	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	10	<1%
15-19	19.9	16	8%	21.6	17	8%	19.2	15	8%	15.7	12	8%	6.7	5	3%	288	4%
20-24	69.6	59	28%	70.2	59	28%	71.3	59	31%	35.8	29	20%	36.6	29	19%	1,001	13%
25-29	41.4	35	17%	52.2	45	22%	45.1	40	21%	48.2	44	30%	40.7	38	25%	1,364	17%
30-34	33.4	27	13%	29.6	24	12%	23.4	19	10%	22.1	18	12%	19.3	16	11%	1,410	18%
35-39	32.2	23	11%	30.3	22	11%	17.6	13	7%	14.7	11	7%	19.8	15	10%	1,277	16%
40-44	22.6	17	8%	13.8	10	5%	13.1	9	5%	11.9	8	5%	23.8	16	11%	921	12%
45-49	17.3	14	7%	15.1	12	6%	19.2	15	8%	10.4	8	5%	9.4	7	5%	648	8%
50-54	8.5	8	4%	12.1	11	5%	8.1	7	4%	10.9	9	6%	7.6	6	4%	391	5%
55-64	5.6	10	5%	3.3	6	3%	6.7	12	6%	3.3	6	4%	9.6	17	11%	334	4%
65+	*	2	1%	*	2	1%	*	3	2%	*	2	1%	*	2	1%	83	1%
Race/Ethnicity <sup>b</sup>																	
American Indian/Alaska Native	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	7	<1%
Asian/Pacific Islander	*	2	1%	*	1	<1%	*	-	-	12.5	5	3%	*	-	-	22	<1%
Black/African-American	39.8	148	70%	37.2	138	66%	38.0	141	73%	26.5	98	66%	26.1	96	64%	4,395	56%
Hispanic/Latinx	28.1	19	9%	24.4	17	8%	14.0	10	5%	13.5	10	7%	22.2	17	11%	667	9%
White	4.2	32	15%	6.0	45	22%	4.8	36	19%	4.2	31	21%	4.8	35	23%	2,488	32%
Multi-Race	49.0	11	5%	30.6	7	3%	21.4	5	3%	*	4	3%	*	3	2%	200	3%
Unknown	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	32	<1%
Race/Ethnicity <sup>b</sup> and Sex at birth																	
American Indian/Alaska Native Males	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	4	<1%
American Indian/Alaska Native Females	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	3	<1%
Asian/Pacific Islander Males	*	2	1%	*	-	-	*	-	-	*	4	3%	*	-	-	18	<1%
Asian/Pacific Islander Females	*	-	-	*	1	<1%	*	-	-	*	1	1%	*	-	-	4	<1%
Black/African-American Males	77.1	130	61%	73.7	124	60%	65.9	111	58%	49.9	84	57%	50.2	84	56%	3,401	44%
Black/African-American Females	8.9	18	8%	6.9	14	7%	14.8	30	16%	6.9	14	9%	6.0	12	8%	994	13%
Hispanic/Latino Males	53.7	18	8%	46.4	16	8%	19.7	7	4%	24.5	9	6%	41.9	16	11%	490	6%
Hispanic/Latina Females	*	1	<1%	*	1	<1%	*	3	2%	*	1	1%	*	1	1%	177	2%
White Males	7.1	26	12%	10.4	38	18%	8.3	30	16%	7.0	25	17%	8.7	31	21%	2,248	29%
White Females	1.5	6	3%	1.8	7	3%	1.6	6	3%	1.6	6	4%	*	4	3%	240	3%
Multi-Race Males	100.6	11	5%	45.0	5	2%	*	4	2%	*	4	3%	*	3	2%	162	2%
Multi-Race Females	*	-	-	*	2	1%	*	1	1%	*	-	-	*	-	-	38	<1%
Unknown	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	32	<1%
Total	16.8	212		16.6	208		15.4	192		11.9	148		12.1	151		7,811	

### 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.

<sup>a</sup> 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.

<sup>b</sup> 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, Cuyahoga County

Transmission Category <sup>a</sup>	Diagnosis of HIV Infection by Year											
	2014		2015		2016		2017		2018		Cumulative Diagnoses	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<b>Male adult or adolescent</b>												
Male-to-male sexual contact	135	73%	126	69%	105	69%	93	74%	91	68%	4,266	68%
Injection drug use (IDU)	1	1%	6	3%	2	1%	-	-	3	2%	456	7%
Male-to-male sexual contact and IDU	2	1%	2	1%	8	5%	6	5%	2	1%	394	6%
Heterosexual contact	13	7%	7	4%	5	3%	4	3%	5	4%	343	5%
Other/unknown	35	19%	42	23%	32	21%	23	18%	33	25%	849	13%
Subtotal	186	100%	183	100%	152	100%	126	100%	134	100%	6,308	100%
<b>Female adult or adolescent</b>												
Injection drug use	3	12%	6	24%	2	5%	2	10%	2	12%	262	18%
Heterosexual contact	20	80%	17	68%	36	90%	19	90%	15	88%	1,045	74%
Other/unknown	2	8%	2	8%	2	5%	-	-	-	-	113	8%
Subtotal	25	100%	25	100%	40	100%	21	100%	17	100%	1,420	100%
<b>Child (&lt;13 yrs at diagnosis)</b>												
Perinatal	1	100%	-	-	-	-	1	100%	-	-	73	88%
Other/unknown	-	-	-	-	-	-	-	-	-	-	10	12%
Subtotal	1	100%	-	-	-	-	1	100%	-	-	83	100%
<b>Total</b>	<b>212</b>		<b>208</b>		<b>192</b>		<b>148</b>		<b>151</b>		<b>7,811</b>	

## Trends in reported diagnoses of HIV infection by year of diagnosis (2014-2018) and cumulative diagnoses by exposure category, Cuyahoga County

Exposure Category <sup>b</sup>	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	133	63%	126	61%	104	54%	92	62%	90	60%	4,057	52%
Injection drug use (IDU) only	2	1%	6	3%	4	2%	2	1%	4	3%	422	5%
Heterosexual contact only	33	16%	24	12%	41	21%	23	16%	20	13%	1,390	18%
Male-to-male sexual contact & IDU	2	1%	2	1%	6	3%	5	3%	2	1%	327	4%
IDU & Heterosexual contact	2	1%	6	3%	-	-	-	-	1	1%	296	4%
Male-to-male sexual contact & Heterosexual contact	2	1%	-	-	1	1%	1	1%	1	1%	209	3%
Male-to-male sexual contact & IDU & Heterosexual contact	-	-	-	-	2	1%	1	1%	-	-	67	1%
Perinatal exposure	1	<1%	1	<1%	-	-	1	1%	-	-	77	1%
Other/unknown	37	17%	43	21%	34	18%	23	16%	33	22%	966	12%
Total	212		208		192		148		151		7,811	

### 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.

<sup>a</sup> 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.

<sup>b</sup> 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 Cuyahoga County

As of June 30, 2019

## Reported persons living with diagnosed HIV infection in 2018 by current disease status and selected characteristics, Cuyahoga County

Characteristic	Living with diagnosed HIV infection			Current Disease Status			
	in 2018			HIV (not AIDS)		AIDS	
	Rate <sup>a</sup>	No.	%	No.	%	No.	%
<b>Sex at birth</b>							
Males	676.2	4,013	79%	2,073	80%	1,940	79%
Females	160.5	1,044	21%	523	20%	521	21%
<b>Age at end of year</b>							
<13	3.8	7	<1%	6	<1%	1	<1%
13-14	*	1	<1%	1	<1%	-	-
15-19	26.9	20	<1%	16	1%	4	<1%
20-24	229.9	182	4%	146	6%	36	1%
25-29	487.1	455	9%	335	13%	120	5%
30-34	507.9	420	8%	280	11%	140	6%
35-39	587.9	446	9%	258	10%	188	8%
40-44	614.3	413	8%	238	9%	175	7%
45-49	783.8	586	12%	279	11%	307	12%
50-54	969.1	770	15%	332	13%	438	18%
55-64	740.3	1,317	26%	535	21%	782	32%
65+	194.7	440	9%	170	7%	270	11%
<b>Race/Ethnicity<sup>b</sup></b>							
American Indian/Alaska Native	*	3	<1%	2	<1%	1	<1%
Asian/Pacific Islander	53.2	22	<1%	18	1%	4	<1%
Black/African-American	776.9	2,861	57%	1,467	57%	1,394	57%
Hispanic/Latinx	762.4	585	12%	289	11%	296	12%
White	184.2	1,347	27%	677	26%	670	27%
Multi-Race	872.2	213	4%	117	5%	96	4%
Unknown	*	26	1%	26	1%	-	-
<b>Race/Ethnicity<sup>b</sup> and Sex at birth</b>							
American Indian/Alaska Native Males	*	2	<1%	2	<1%	-	-
American Indian/Alaska Native Females	*	1	<1%	-	-	1	<1%
Asian/Pacific Islander Males	84.9	17	<1%	15	1%	2	<1%
Asian/Pacific Islander Females	23.4	5	<1%	3	<1%	2	<1%
Black/African-American Males	1,303.4	2,183	43%	1,125	43%	1,058	43%
Black/African-American Females	337.7	678	13%	342	13%	336	14%
Hispanic/Latino Males	1,097.3	419	8%	222	9%	197	8%
Hispanic/Latina Females	430.6	166	3%	67	3%	99	4%
White Males	339.0	1,203	24%	597	23%	606	25%
White Females	38.3	144	3%	80	3%	64	3%
Multi-Race Males	1,434.0	171	3%	94	4%	77	3%
Multi-Race Females	336.1	42	1%	23	1%	19	1%
Unknown	*	26	1%	26	1%	-	-
<b>Total</b>	<b>406.6</b>	<b>5,057</b>		<b>2,596</b>		<b>2,461</b>	

### 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.

<sup>a</sup> 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.

<sup>b</sup> 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, Cuyahoga County

Transmission Category <sup>a</sup>	Living with diagnosed HIV infection in 2018		Current Disease Status			
			HIV (not AIDS)		AIDS	
	No.	%	No.	%	No.	%
<b>Male adult or adolescent</b>						
Male-to-male sexual contact	2,763	69%	1,423	69%	1,340	69%
Injection drug use (IDU)	170	4%	64	3%	106	5%
Male-to-male sexual contact and IDU	207	5%	76	4%	131	7%
Heterosexual contact	261	7%	125	6%	136	7%
Other/unknown	590	15%	371	18%	219	11%
Subtotal	3,991	100%	2,059	100%	1,932	100%
<b>Female adult or adolescent</b>						
Injection drug use	140	14%	43	8%	97	19%
Heterosexual contact	792	78%	399	78%	393	78%
Other/unknown	80	8%	67	13%	13	3%
Subtotal	1,012	100%	509	100%	503	100%
<b>Child (&lt;13 yrs at diagnosis)</b>						
Perinatal	48	89%	23	82%	25	96%
Other/unknown	6	11%	5	18%	1	4%
Subtotal	54	100%	28	100%	26	100%
<b>Total</b>	<b>5,057</b>		<b>2,596</b>		<b>2,461</b>	

## Reported persons living with diagnosed HIV infection in 2018 by current disease status and exposure category, Cuyahoga County

Exposure Category <sup>b</sup>	Living with diagnosed HIV infection in 2018		Current Disease Status			
			HIV (not AIDS)		AIDS	
	No.	%	No.	%	No.	%
Male-to-male sexual contact only	2,619	52%	1,372	53%	1,247	51%
Injection drug use (IDU) only	135	3%	57	2%	78	3%
Heterosexual contact only	1,055	21%	525	20%	530	22%
Male-to-male sexual contact & IDU	157	3%	64	2%	93	4%
IDU & Heterosexual contact	175	3%	50	2%	125	5%
Male-to-male sexual contact & Heterosexual contact	144	3%	51	2%	93	4%
Male-to-male sexual contact & IDU & Heterosexual contact	50	1%	12	<1%	38	2%
Perinatal exposure	51	1%	26	1%	25	1%
Other/unknown	671	13%	439	17%	232	9%
<b>Total</b>	<b>5,057</b>		<b>2,596</b>		<b>2,461</b>	

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.

<sup>a</sup> 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.

<sup>b</sup> 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, Cuyahoga County

Living with diagnosed HIV infection in 2018

Age at end of year	American Indian/Alaska Native			Asian/Pacific Islander			Black/African-American			Hispanic/ Latinx <sup>a</sup>			White			Multi-Race			Unknown	
	Rate <sup>b</sup>	No.	%	Rate <sup>b</sup>	No.	%	Rate <sup>b</sup>	No.	%	Rate <sup>b</sup>	No.	%	Rate <sup>b</sup>	No.	%	Rate <sup>b</sup>	No.	%	No.	%
<13	*	-	-	*	-	-	*	5	<1%	*	1	<1%	*	1	<1%	*	-	-	-	-
13-14	*	-	-	*	-	-	*	1	<1%	*	-	-	*	-	-	*	-	-	-	-
15-19	*	-	-	*	1	5%	67.1	17	1%	*	1	<1%	*	1	<1%	*	-	-	-	-
20-24	*	-	-	*	4	18%	527.3	137	5%	331.0	21	4%	26.7	11	1%	373.9	9	4%	-	-
25-29	*	-	-	*	-	-	1,108.7	337	12%	760.5	51	9%	93.6	47	3%	956.0	20	9%	-	-
30-34	*	-	-	*	1	5%	1,253.6	284	10%	639.2	41	7%	146.9	70	5%	1,610.7	24	11%	-	-
35-39	*	1	33%	*	4	18%	1,284.5	277	10%	771.3	45	8%	229.3	100	7%	1,732.0	19	9%	-	-
40-44	*	1	33%	*	4	18%	1,037.2	197	7%	1,143.1	58	10%	328.6	128	10%	2,637.1	25	12%	-	-
45-49	*	-	-	*	2	9%	1,395.0	306	11%	1,861.6	81	14%	369.2	165	12%	2,818.4	27	13%	5	19%
50-54	*	-	-	*	2	9%	1,867.2	407	14%	2,241.0	85	15%	481.5	244	18%	3,463.2	24	11%	8	31%
55-64	*	1	33%	*	3	14%	1,359.2	662	23%	2,559.9	157	27%	368.0	433	32%	4,372.5	54	25%	7	27%
65+	*	-	-	*	1	5%	425.3	231	8%	845.3	44	8%	91.7	147	11%	1,038.7	11	5%	6	23%
<b>Total</b>	<b>*</b>	<b>3</b>		<b>53.2</b>	<b>22</b>		<b>776.9</b>	<b>2,861</b>		<b>762.4</b>	<b>585</b>		<b>184.2</b>	<b>1,347</b>		<b>872.2</b>	<b>213</b>		<b>26</b>	

## Reported persons living with diagnosed HIV infection in 2018 by race/ethnicity and transmission category, Cuyahoga County

Living with diagnosed HIV infection in 2018

Transmission Category <sup>c</sup>	American Indian/Alaska Native		Asian/Pacific Islander		Black/African-American		Hispanic/ Latinx <sup>a</sup>		White		Multi-Race		Unknown	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<b>Male adult or adolescent</b>														
Male-to-male sexual contact	2	100%	11	65%	1,431	66%	248	60%	945	79%	126	74%	-	-
Injection drug use (IDU)	-	-	-	-	76	4%	56	14%	35	3%	3	2%	-	-
Male-to-male sexual contact and IDU	-	-	-	-	94	4%	29	7%	73	6%	11	6%	-	-
Heterosexual contact	-	-	-	-	190	9%	27	7%	32	3%	11	6%	1	6%
Other/unknown	-	-	6	35%	378	17%	53	13%	116	10%	20	12%	17	94%
Subtotal	2	100%	17	100%	2,169	100%	413	100%	1,201	100%	171	100%	18	100%
<b>Female adult or adolescent</b>														
Injection drug use	-	-	-	-	69	11%	33	21%	30	21%	8	19%	-	-
Heterosexual contact	1	100%	5	100%	535	82%	120	75%	100	70%	31	74%	-	-
Other/unknown	-	-	-	-	50	8%	7	4%	12	8%	3	7%	8	100%
Subtotal	1	100%	5	100%	654	100%	160	100%	142	100%	42	100%	8	100%
<b>Child (&lt;13 yrs at diagnosis)</b>														
Perinatal	-	-	-	-	34	89%	12	100%	2	50%	-	-	-	-
Other/unknown	-	-	-	-	4	11%	-	-	2	50%	-	-	-	-
Subtotal	-	-	-	-	38	100%	12	100%	4	100%	-	-	-	-
<b>Total</b>	<b>3</b>		<b>22</b>		<b>2,861</b>		<b>585</b>		<b>1,347</b>		<b>213</b>		<b>26</b>	

## Reported persons living with diagnosed HIV infection in 2018 by race/ethnicity and exposure category, Cuyahoga County

Living with diagnosed HIV infection in 2018

Exposure Category <sup>a</sup>	American Indian/Alaska Native		Asian/Pacific Islander		Black/African-American		Hispanic/ Latinx <sup>a</sup>		White		Multi-Race		Unknown	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male-to-male sexual contact only	2	67%	10	45%	1,332	47%	233	40%	926	69%	116	54%	-	-
Injection drug use (IDU) only	-	-	-	-	60	2%	36	6%	35	3%	4	2%	-	-
Heterosexual contact only	1	33%	5	23%	726	25%	147	25%	133	10%	42	20%	1	4%
Male-to-male sexual contact & IDU	-	-	-	-	66	2%	17	3%	65	5%	9	4%	-	-
IDU & Heterosexual contact	-	-	-	-	85	3%	53	9%	30	2%	7	3%	-	-
Male-to-male sexual contact & Heterosexual contact	-	-	1	5%	99	3%	15	3%	19	1%	10	5%	-	-
Male-to-male sexual contact & IDU & Heterosexual contact	-	-	-	-	28	1%	12	2%	8	1%	2	1%	-	-
Perinatal exposure	-	-	-	-	37	1%	12	2%	2	0%	-	-	-	-
Other/unknown	-	-	6	27%	428	15%	60	10%	129	10%	23	11%	25	96%
<b>Total</b>	<b>3</b>		<b>22</b>		<b>2,861</b>		<b>585</b>		<b>1,347</b>		<b>213</b>		<b>26</b>	

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.

<sup>a</sup> 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.

<sup>b</sup> 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.

<sup>c</sup> 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.

<sup>d</sup> 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, Cuyahoga County, 2014-2018

Characteristic	Living with Diagnosed HIV Infection														
	2014			2015			2016			2017			2018		
	Rate <sup>a</sup>	No.	%	Rate <sup>a</sup>	No.	%	Rate <sup>a</sup>	No.	%	Rate <sup>a</sup>	No.	%	Rate <sup>a</sup>	No.	%
<b>Sex at birth</b>															
Males	587.6	3,525	78%	603.8	3,609	79%	637.0	3,793	79%	654.2	3,897	79%	676.2	4,013	79%
Females	147.9	976	22%	148.6	978	21%	154.3	1,009	21%	158.1	1,032	21%	160.5	1,044	21%
<b>Age at end of year</b>															
<13	6.3	12	<1%	3.7	7	<1%	*	4	<1%	2.7	5	<1%	3.8	7	<1%
13-14	*	1	<1%	16.4	5	<1%	27.1	8	<1%	*	3	<1%	*	1	<1%
15-19	47.3	38	1%	45.7	36	1%	46.1	36	1%	44.6	34	1%	26.9	20	<1%
20-24	259.4	220	5%	272.3	229	5%	281.6	233	5%	245.7	199	4%	229.9	182	4%
25-29	375.0	317	7%	428.3	369	8%	451.1	400	8%	486.3	444	9%	487.1	455	9%
30-34	455.8	369	8%	445.3	361	8%	458.4	372	8%	485.3	396	8%	507.9	420	8%
35-39	492.6	352	8%	517.8	376	8%	572.2	422	9%	605.2	452	9%	587.9	446	9%
40-44	667.1	502	11%	582.8	422	9%	577.4	397	8%	579.8	390	8%	614.3	413	8%
45-49	898.3	729	16%	877.1	696	15%	882.9	691	14%	825.0	635	13%	783.8	586	12%
50-54	880.5	827	18%	914.3	829	18%	951.3	820	17%	929.8	770	16%	969.1	770	15%
55-64	517.0	921	20%	555.9	1,001	22%	616.4	1,111	23%	676.7	1,218	25%	740.3	1,317	26%
65+	102.8	213	5%	121.4	256	6%	143.6	308	6%	172.5	383	8%	194.7	440	9%
<b>Race/Ethnicity<sup>b</sup></b>															
American Indian/Alaska Native	*	2	<1%	*	2	<1%	*	2	<1%	*	2	<1%	*	3	<1%
Asian/Pacific Islander	31.8	12	<1%	36.2	14	<1%	33.4	13	<1%	52.3	21	<1%	53.2	22	<1%
Black/African-American	677.6	2,519	56%	701.1	2,602	57%	736.8	2,733	57%	757.2	2,800	57%	776.9	2,861	57%
Hispanic/Latinx	712.4	482	11%	706.4	493	11%	731.9	523	11%	747.4	553	11%	762.4	585	12%
White	167.5	1,270	28%	167.0	1,255	27%	174.9	1,299	27%	179.2	1,324	27%	184.2	1,347	27%
Multi-Race	846.9	190	4%	853.4	195	4%	881.3	206	4%	855.1	203	4%	872.2	213	4%
Unknown	*	26	1%	*	26	1%	*	26	1%	*	26	1%	*	26	1%
<b>Race/Ethnicity<sup>b</sup> and Sex at birth</b>															
American Indian/Alaska Native Males	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%	*	2	<1%
American Indian/Alaska Native Females	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%
Asian/Pacific Islander Males	54.1	10	<1%	58.8	11	<1%	52.9	10	<1%	87.7	17	<1%	84.9	17	<1%
Asian/Pacific Islander Females	*	2	<1%	*	3	<1%	*	3	<1%	*	4	<1%	23.4	5	<1%
Black/African-American Males	1,108.6	1,870	42%	1,162.7	1,957	43%	1,225.9	2,066	43%	1,263.3	2,125	43%	1,303.4	2,183	43%
Black/African-American Females	319.6	649	14%	318.1	645	14%	329.6	667	14%	334.9	675	14%	337.7	678	13%
Hispanic/Latino Males	1,005.5	337	7%	1,005.7	347	8%	1,049.2	372	8%	1,072.1	394	8%	1,097.3	419	8%
Hispanic/Latina Females	424.7	145	3%	413.7	146	3%	419.4	151	3%	427.0	159	3%	430.6	166	3%
White Males	309.3	1,136	25%	307.0	1,118	24%	322.5	1,162	24%	328.5	1,179	24%	339.0	1,203	24%
White Females	34.3	134	3%	35.4	137	3%	35.8	137	3%	38.2	145	3%	38.3	144	3%
Multi-Race Males	1,398.8	153	3%	1,411.5	157	3%	1,445.7	164	3%	1,413.7	163	3%	1,434.0	171	3%
Multi-Race Females	321.9	37	1%	324.1	38	1%	349.1	42	1%	327.6	40	1%	336.1	42	1%
Unknown	*	26	1%	*	26	1%	*	26	1%	*	26	1%	*	26	1%
<b>Total</b>	<b>357.3</b>	<b>4,501</b>		<b>365.2</b>	<b>4,587</b>		<b>384.4</b>	<b>4,802</b>		<b>394.8</b>	<b>4,929</b>		<b>406.6</b>	<b>5,057</b>	

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.

<sup>a</sup> 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.

<sup>b</sup> 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, Cuyahoga County, 2014-2018

Living with Diagnosed HIV Infection										
Transmission Category <sup>a</sup>	2014		2015		2016		2017		2018	
	No.	%	No.	%	No.	%	No.	%	No.	%
<b>Male adult or adolescent</b>										
Male-to-male sexual contact	2,418	69%	2,465	69%	2,619	69%	2,677	69%	2,763	69%
Injection drug use (IDU)	169	5%	168	5%	164	4%	171	4%	170	4%
Male-to-male sexual contact and IDU	191	5%	188	5%	200	5%	211	5%	207	5%
Heterosexual contact	241	7%	249	7%	257	7%	257	7%	261	7%
Other/unknown	482	14%	515	14%	530	14%	560	14%	590	15%
Subtotal	3,501	100%	3,585	100%	3,770	100%	3,876	100%	3,991	100%
<b>Female adult or adolescent</b>										
Injection drug use	139	15%	140	15%	138	14%	141	14%	140	14%
Heterosexual contact	730	77%	731	77%	762	78%	779	78%	792	78%
Other/unknown	80	8%	79	8%	81	8%	82	8%	80	8%
Subtotal	949	100%	950	100%	981	100%	1,002	100%	1,012	100%
<b>Child (&lt;13 yrs at diagnosis)</b>										
Perinatal	45	88%	46	88%	46	90%	45	88%	48	89%
Other/unknown	6	12%	6	12%	5	10%	6	12%	6	11%
Subtotal	51	100%	52	100%	51	100%	51	100%	54	100%
<b>Total</b>	<b>4,501</b>		<b>4,587</b>		<b>4,802</b>		<b>4,929</b>		<b>5,057</b>	

## Trends in reported persons living with diagnosed HIV infection by year of diagnosis and exposure category, Cuyahoga County, 2014-2018

Living with Diagnosed HIV Infection										
Exposure Category <sup>b</sup>	2014		2015		2016		2017		2018	
	No.	%	No.	%	No.	%	No.	%	No.	%
Male-to-male sexual contact only	2,267	50%	2,322	51%	2,478	52%	2,536	51%	2,619	52%
Injection drug use (IDU) only	132	3%	138	3%	139	3%	139	3%	135	3%
Heterosexual contact only	973	22%	982	21%	1,021	21%	1,038	21%	1,055	21%
Male-to-male sexual contact & IDU	143	3%	140	3%	150	3%	161	3%	157	3%
IDU & Heterosexual contact	176	4%	170	4%	163	3%	173	4%	175	3%
Male-to-male sexual contact & Heterosexual contact	151	3%	143	3%	141	3%	141	3%	144	3%
Male-to-male sexual contact & IDU & Heterosexual contact	48	1%	48	1%	50	1%	50	1%	50	1%
Perinatal exposure	47	1%	50	1%	50	1%	48	1%	51	1%
Other/unknown	564	13%	594	13%	610	13%	643	13%	671	13%
Total	4,501		4,587		4,802		4,929		5,057	

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.

<sup>a</sup> 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.

<sup>b</sup> 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.