

# New Diagnoses of HIV Infection Reported in Cuyahoga County

As of June 30, 2018

## Reported new diagnoses of HIV infection in 2017 by disease status and selected characteristics, Cuyahoga County

Characteristic	2017 diagnosis of HIV infection			Disease Status					
	Rate <sup>a</sup>	No.	%	HIV (not AIDS)		HIV & later AIDS		AIDS	
				No.	%	No.	%	No.	%
<b>Sex at birth</b>									
Males	22.2	132	84%	108	84%	14	82%	10	83%
Females	4.0	26	16%	21	16%	3	18%	2	17%
<b>Age at diagnosis (yr)</b>									
<13	*	-	-	-	-	-	-	-	-
13-14	*	1	1%	1	1%	-	-	-	-
15-19	*	-	-	-	-	-	-	-	-
20-24	16.0	13	8%	12	9%	1	6%	-	-
25-29	35.0	32	20%	26	20%	3	18%	3	25%
30-34	56.4	46	29%	39	30%	2	12%	5	42%
35-39	25.4	19	12%	15	12%	4	24%	-	-
40-44	17.8	12	8%	9	7%	3	18%	-	-
45-49	10.4	8	5%	6	5%	1	6%	1	8%
50-54	10.9	9	6%	8	6%	1	6%	-	-
55-64	4.4	8	5%	8	6%	-	-	-	-
65+	3.6	8	5%	5	4%	1	6%	2	17%
<b>Race/Ethnicity<sup>b</sup></b>									
American Indian/Alaska Native	*	-	-	-	-	-	-	-	-
Asian/Pacific Islander	17.4	7	4%	7	5%	-	-	-	-
Black/African-American	28.4	105	66%	84	65%	12	71%	9	75%
Hispanic/Latinx	13.5	10	6%	9	7%	1	6%	-	-
White	4.3	32	20%	27	21%	3	18%	2	17%
Multi-Race	*	4	3%	2	2%	1	6%	1	8%
<b>Race/Ethnicity<sup>b</sup> and Sex at birth</b>									
American Indian/Alaska Native Males	*	-	-	-	-	-	-	-	-
American Indian/Alaska Native Females	*	-	-	-	-	-	-	-	-
Asian/Pacific Islander Males	30.9	6	4%	6	5%	-	-	-	-
Asian/Pacific Islander Females	*	1	1%	1	1%	-	-	-	-
Black/African-American Males	52.3	88	56%	72	56%	9	53%	7	58%
Black/African-American Females	8.4	17	11%	12	9%	3	18%	2	17%
Hispanic/Latino Males	24.5	9	6%	8	6%	1	6%	-	-
Hispanic/Latina Females	*	1	1%	1	1%	-	-	-	-
White Males	7.0	25	16%	20	16%	3	18%	2	17%
White Females	1.8	7	4%	7	5%	-	-	-	-
Multi-Race Males	*	4	3%	2	2%	1	6%	1	8%
Multi-Race Females	*	-	-	-	-	-	-	-	-
<b>Total</b>	<b>12.7</b>	<b>158</b>		<b>129</b>		<b>17</b>		<b>12</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.

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 2017 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, 2018.

## Reported new diagnoses of HIV infection in 2017 by disease status and transmission category, Cuyahoga County

Transmission Category <sup>a</sup>	2017 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	103	78%	86	80%	10	71%	7	70%
Injection drug use (IDU)	-	-	-	-	-	-	-	-
Male-to-male sexual contact and IDU	5	4%	5	5%	-	-	-	-
Heterosexual contact	3	2%	1	1%	1	7%	1	10%
Other/unknown	21	16%	16	15%	3	21%	2	20%
Subtotal	132	100%	108	100%	14	100%	10	100%
<b>Female adult or adolescent</b>								
Injection drug use	2	8%	2	10%	-	-	-	-
Heterosexual contact	23	92%	18	90%	3	100%	2	100%
Other/unknown	-	-	-	-	-	-	-	-
Subtotal	25	100%	20	100%	3	100%	2	100%
<b>Child (&lt;13 yrs at diagnosis)</b>								
Perinatal	1	100%	1	100%	-	-	-	-
Other/unknown	-	-	-	-	-	-	-	-
Subtotal	1	100%	1	100%	-	-	-	-
<b>Total</b>	<b>158</b>		<b>129</b>		<b>17</b>		<b>12</b>	

## Reported new diagnoses of HIV infection in 2017 by disease status and exposure category, Cuyahoga County

Exposure Category <sup>b</sup>	2017 diagnosis of HIV infection		Disease Status					
			HIV (not AIDS)		HIV & later AIDS		AIDS	
	No.	%	No.	%	No.	%	No.	%
Male-to-male sex (MSM) only	102	65%	85	66%	10	59%	7	58%
Injection drug use (IDU) only	2	1%	2	2%	-	-	-	-
Heterosexual contact only	26	16%	19	15%	4	24%	3	25%
MSM & IDU	4	3%	4	3%	-	-	-	-
IDU & Heterosexual contact	-	-	-	-	-	-	-	-
MSM & Heterosexual contact	1	1%	1	1%	-	-	-	-
MSM & IDU & Heterosexual contact	1	1%	1	1%	-	-	-	-
Perinatal exposure	1	1%	1	1%	-	-	-	-
Other/unknown	21	13%	16	12%	3	18%	2	17%
<b>Total</b>	<b>158</b>		<b>129</b>		<b>17</b>		<b>12</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, 2018.

Reported new diagnoses of HIV infection in 2017 by race/ethnicity and age at diagnosis, Cuyahoga County

Age at diagnosis (yr)	2017 diagnosis of HIV infection																	
	American Indian/Alaska Native			Asian/Pacific Islander			Black/African-American			Hispanic/ Latinx <sup>a</sup>			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	*	-	-	*	-	-	*	1	1%	*	-	-	*	-	-	*	-	-
13-14	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
15-19	*	-	-	*	2	29%	38.3	10	10%	*	-	-	*	-	-	*	1	25%
20-24	*	-	-	*	2	29%	84.5	23	22%	*	2	20%	*	4	13%	*	1	25%
25-29	*	-	-	*	-	-	108.8	32	30%	77.6	5	50%	16.2	8	25%	*	1	25%
30-34	*	-	-	*	1	14%	53.8	12	11%	*	-	-	10.5	5	16%	*	1	25%
35-39	*	-	-	*	1	14%	28.2	6	6%	*	2	20%	*	3	9%	*	-	-
40-44	*	-	-	*	-	-	25.9	5	5%	*	-	-	*	3	9%	*	-	-
45-49	*	-	-	*	1	14%	22.6	5	5%	*	-	-	*	3	9%	*	-	-
50-54	*	-	-	*	-	-	*	4	4%	*	1	10%	*	3	9%	*	-	-
55-64	*	-	-	*	-	-	12.3	6	6%	*	-	-	*	2	6%	*	-	-
65+	*	-	-	*	-	-	*	1	1%	*	-	-	*	1	3%	*	-	-
<b>Total</b>	*	-	-		<b>17.4</b>	<b>7</b>		<b>28.4</b>	<b>105</b>		<b>13.5</b>	<b>10</b>		<b>4.3</b>	<b>32</b>		<b>*</b>	<b>4</b>

Reported new diagnoses of HIV infection in 2017 by race/ethnicity and transmission category, Cuyahoga County

Transmission Category <sup>c</sup>	2017 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.	%						
<b>Male adult or adolescent</b>																		
Male-to-male sexual contact	-	-	5	83%	67	76%	7	78%	20	80%	4	100%						
Injection drug use (IDU)	-	-	-	-	-	-	-	-	-	-	-	-						
Male-to-male sexual contact and IDU	-	-	-	-	3	3%	1	11%	1	4%	-	-						
Heterosexual contact	-	-	-	-	2	2%	-	-	1	4%	-	-						
Other/unknown	-	-	1	17%	16	18%	1	11%	3	12%	-	-						
Subtotal	-	-	6	100%	88	100%	9	100%	25	100%	4	100%						
<b>Female adult or adolescent</b>																		
Injection drug use	-	-	-	-	-	-	-	-	2	29%	-	-						
Heterosexual contact	-	-	1	100%	16	100%	1	100%	5	71%	-	-						
Other/unknown	-	-	-	-	-	-	-	-	-	-	-	-						
Subtotal	-	-	1	100%	16	100%	1	100%	7	100%	-	-						
<b>Child (&lt;13 yrs at diagnosis)</b>																		
Perinatal	-	-	-	-	1	100%	-	-	-	-	-	-						
Other/unknown	-	-	-	-	-	-	-	-	-	-	-	-						
Subtotal	-	-	-	-	1	100%	-	-	-	-	-	-						
<b>Total</b>	-	-	<b>7</b>		<b>105</b>		<b>10</b>		<b>32</b>		<b>4</b>							

Reported new diagnoses of HIV infection in 2017 by race/ethnicity and exposure category, Cuyahoga County

Exposure Category <sup>d</sup>	2017 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 sex (MSM) only	-	-	5	71%	66	63%	7	70%	20	63%	4	100%						
Injection drug use (IDU) only	-	-	-	-	-	-	-	-	2	6%	-	-						
Heterosexual contact only	-	-	1	14%	18	17%	1	10%	6	19%	-	-						
MSM & IDU	-	-	-	-	2	2%	1	10%	1	3%	-	-						
IDU & Heterosexual contact	-	-	-	-	-	-	-	-	-	-	-	-						
MSM & Heterosexual contact	-	-	-	-	1	1%	-	-	-	-	-	-						
MSM & IDU & Heterosexual contact	-	-	-	-	1	1%	-	-	-	-	-	-						
Perinatal exposure	-	-	-	-	1	1%	-	-	-	-	-	-						
Other/unknown	-	-	1	14%	16	15%	1	10%	3	9%	-	-						
<b>Total</b>	-	-	<b>7</b>		<b>105</b>		<b>10</b>		<b>32</b>		<b>4</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.  
 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 2017 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, 2018.

## Trends in reported new diagnoses of HIV infection by year of diagnosis (2013-2017) and cumulative diagnoses by selected characteristics, Cuyahoga County

Characteristic	Diagnosis of HIV Infection by Year															Cumulative Diagnoses		
	2013			2014			2015			2016			2017			No.	%	
	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	32.0	192	82%	31.2	187	88%	30.5	182	88%	25.5	152	78%	22.2	132	84%	6,234	81%	
Females	6.3	42	18%	3.8	25	12%	3.9	26	13%	6.7	44	22%	4.0	26	16%	1,459	19%	
<b>Age at diagnosis (yr)</b>																		
<13	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	84	1%	
13-14	*	1	<1%	*	1	<1%	*	-	-	*	-	-	*	1	1%	10	<1%	
15-19	*	1	<1%	*	-	-	*	-	-	*	-	-	*	-	-	286	4%	
20-24	20.5	17	7%	18.9	16	8%	20.2	17	8%	18.1	15	8%	16.0	13	8%	976	13%	
25-29	60.2	50	21%	69.8	59	28%	67.3	58	28%	65.4	58	30%	35.0	32	20%	1,329	17%	
30-34	47.3	38	16%	43.2	35	17%	54.3	44	21%	49.3	40	20%	56.4	46	29%	1,402	18%	
35-39	45.3	32	14%	37.8	27	13%	34.4	25	12%	28.5	21	11%	25.4	19	12%	1,271	17%	
40-44	28.1	22	9%	30.6	23	11%	31.8	23	11%	20.4	14	7%	17.8	12	8%	907	12%	
45-49	22.6	19	8%	20.9	17	8%	12.6	10	5%	10.2	8	4%	10.4	8	5%	641	8%	
50-54	24.9	24	10%	14.9	14	7%	13.2	12	6%	17.4	15	8%	10.9	9	6%	388	5%	
55-64	9.1	16	7%	4.5	8	4%	6.1	11	5%	5.5	10	5%	4.4	8	5%	317	4%	
65+	5.9	12	5%	4.8	10	5%	2.8	6	3%	5.6	12	6%	3.6	8	5%	82	1%	
<b>Race/Ethnicity<sup>b</sup></b>																		
American Indian/Alaska Native	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	7	<1%	
Asian/Pacific Islander	*	-	-	*	2	1%	*	1	<1%	*	-	-	17.4	7	4%	24	<1%	
Black/African-American	37.3	139	59%	40.1	149	70%	37.5	139	67%	39.4	146	74%	28.4	105	66%	4,326	56%	
Hispanic/Latinx	38.0	25	11%	25.1	17	8%	22.9	16	8%	12.6	9	5%	13.5	10	6%	642	8%	
White	7.4	57	24%	4.4	33	16%	6.1	46	22%	5.0	37	19%	4.3	32	20%	2,481	32%	
Multi-Race	59.6	13	6%	49.0	11	5%	26.3	6	3%	*	4	2%	*	4	3%	181	2%	
Unknown	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	32	<1%	
<b>Race/Ethnicity<sup>b</sup> and Sex at birth</b>																		
American Indian/Alaska Native Males	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	4	<1%	
American Indian/Alaska Native Females	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	3	<1%	
Asian/Pacific Islander Males	*	-	-	*	2	1%	*	-	-	*	-	-	30.9	6	4%	20	<1%	
Asian/Pacific Islander Females	*	-	-	*	-	-	*	1	<1%	*	-	-	*	1	1%	4	<1%	
Black/African-American Males	66.9	113	48%	77.7	131	62%	73.7	124	60%	66.5	112	57%	52.3	88	56%	3,333	43%	
Black/African-American Females	12.8	26	11%	8.9	18	8%	7.4	15	7%	16.8	34	17%	8.4	17	11%	993	13%	
Hispanic/Latino Males	61.5	20	9%	47.7	16	8%	43.5	15	7%	16.9	6	3%	24.5	9	6%	467	6%	
Hispanic/Latina Females	15.0	5	2%	*	1	<1%	*	1	<1%	*	3	2%	*	1	1%	175	2%	
White Males	13.2	49	21%	7.4	27	13%	10.7	39	19%	8.6	31	16%	7.0	25	16%	2,242	29%	
White Females	2.0	8	3%	1.5	6	3%	1.8	7	3%	1.6	6	3%	1.8	7	4%	239	3%	
Multi-Race Males	93.9	10	4%	100.6	11	5%	*	4	2%	*	3	2%	*	4	3%	144	2%	
Multi-Race Females	*	3	1%	*	-	-	*	2	1%	*	1	1%	*	-	-	37	<1%	
<b>Total</b>	<b>18.5</b>	<b>234</b>		<b>16.8</b>	<b>212</b>		<b>16.6</b>	<b>208</b>		<b>15.7</b>	<b>196</b>		<b>12.7</b>	<b>158</b>		<b>7,693</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. Diagnoses of HIV infection by year (2013-2017) 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 2017.

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, 2018.

## Trends in reported diagnoses of HIV infection by year of diagnosis (2013-2017) and cumulative diagnoses by transmission category, Cuyahoga County

Transmission Category <sup>a</sup>	Diagnosis of HIV Infection by Year										Cumulative Diagnoses	
	2013		2014		2015		2016		2017		No.	%
	No.	%	No.	%	No.	%	No.	%	No.	%		
<b>Male adult or adolescent</b>												
Male-to-male sexual contact	138	72%	142	76%	132	73%	112	74%	103	78%	4,292	69%
Injection drug use (IDU)	3	2%	1	1%	4	2%	2	1%	-	-	436	7%
Male-to-male sexual contact and IDU	2	1%	2	1%	3	2%	8	5%	5	4%	406	7%
Heterosexual contact	7	4%	12	6%	7	4%	2	1%	3	2%	283	5%
Other/unknown	42	22%	29	16%	36	20%	28	18%	21	16%	779	13%
Subtotal	192	100%	186	100%	182	100%	152	100%	132	100%	6,196	100%
<b>Female adult or adolescent</b>												
Injection drug use	3	7%	3	12%	6	23%	2	5%	2	8%	260	18%
Heterosexual contact	33	80%	20	80%	18	69%	40	91%	23	92%	1,036	73%
Other/unknown	5	12%	2	8%	2	8%	2	5%	-	-	118	8%
Subtotal	41	100%	25	100%	26	100%	44	100%	25	100%	1,414	100%
<b>Child (&lt;13 yrs at diagnosis)</b>												
Perinatal	-	-	1	100%	-	-	-	-	1	100%	73	88%
Other/unknown	1	100%	-	-	-	-	-	-	-	-	10	12%
Subtotal	1	100%	1	100%	-	-	-	-	1	100%	83	100%
<b>Total</b>	<b>234</b>		<b>212</b>		<b>208</b>		<b>196</b>		<b>158</b>		<b>7,693</b>	

## Trends in reported diagnoses of HIV infection by year of diagnosis (2013-2017) and cumulative diagnoses by exposure category, Cuyahoga County

Exposure Category <sup>b</sup>	Diagnosis of HIV Infection by Year										Cumulative Diagnoses	
	2013		2014		2015		2016		2017		No.	%
	No.	%	No.	%	No.	%	No.	%	No.	%		
Male-to-male sex (MSM) only	131	56%	139	66%	132	63%	108	55%	102	65%	4,036	52%
Injection drug use (IDU) only	5	2%	2	1%	5	2%	4	2%	2	1%	412	5%
Heterosexual contact only	40	17%	32	15%	25	12%	42	21%	26	16%	1,320	17%
MSM & IDU	2	1%	2	1%	2	1%	6	3%	4	3%	331	4%
IDU & Heterosexual contact	1	<1%	2	1%	5	2%	-	-	-	-	284	4%
MSM & Heterosexual contact	7	3%	3	1%	-	-	4	2%	1	1%	256	3%
MSM & IDU & Heterosexual contact	-	-	-	-	1	<1%	2	1%	1	1%	75	1%
Perinatal exposure	1	<1%	1	<1%	1	<1%	-	-	1	1%	77	1%
Other/unknown	47	20%	31	15%	37	18%	30	15%	21	13%	902	12%
<b>Total</b>	<b>234</b>		<b>212</b>		<b>208</b>		<b>196</b>		<b>158</b>		<b>7,693</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. Diagnoses of HIV infection by year (2013-2017) 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 2017.

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, 2018.

## Reported diagnoses of AIDS in 2017 by time to AIDS diagnosis and selected characteristics, Cuyahoga County

Characteristic	AIDS Diagnoses					
	2017 AIDS diagnosis		≥12 Months after HIV Diagnosis		<12 Months after HIV Diagnosis <sup>a</sup>	
	No.	%	No.	%	No.	%
<b>Sex at birth</b>						
Males	56	82%	29	81%	27	84%
Females	12	18%	7	19%	5	16%
<b>Age at AIDS diagnosis (yr)</b>						
<13	-	-	-	-	-	-
13-14	-	-	-	-	-	-
15-19	2	3%	1	3%	1	3%
20-24	9	13%	3	8%	6	19%
25-29	9	13%	2	6%	7	22%
30-34	11	16%	6	17%	5	16%
35-39	12	18%	9	25%	3	9%
40-44	7	10%	5	14%	2	6%
45-49	4	6%	2	6%	2	6%
50-54	4	6%	3	8%	1	3%
55-64	8	12%	5	14%	3	9%
65+	2	3%	-	-	2	6%
<b>Race/Ethnicity<sup>b</sup></b>						
American Indian/Alaska Native	-	-	-	-	-	-
Asian/Pacific Islander	-	-	-	-	-	-
Black/African-American	49	72%	27	75%	22	69%
Hispanic/Latinx	4	6%	2	6%	2	6%
White	12	18%	6	17%	6	19%
Multi-Race	3	4%	1	3%	2	6%
<b>Race/Ethnicity<sup>b</sup> and Sex at birth</b>						
American Indian/Alaska Native Males	-	-	-	-	-	-
American Indian/Alaska Native Females	-	-	-	-	-	-
Asian/Pacific Islander Males	-	-	-	-	-	-
Asian/Pacific Islander Females	-	-	-	-	-	-
Black/African-American Males	38	56%	21	58%	17	53%
Black/African-American Females	11	16%	6	17%	5	16%
Hispanic/Latino Males	4	6%	2	6%	2	6%
Hispanic/Latina Females	-	-	-	-	-	-
White Males	11	16%	5	14%	6	19%
White Females	1	1%	1	3%	-	-
Multi-Race Males	3	4%	1	3%	2	6%
Multi-Race Females	-	-	-	-	-	-
<b>Total</b>	<b>68</b>		<b>36</b>		<b>32</b>	

**Notes:**

Data reflects all persons with an AIDS diagnosis in 2017 regardless of year of HIV infection diagnosis, and who were living in Ohio at the time of initial diagnosis.

<sup>a</sup>Includes persons whose diagnoses of HIV infection and AIDS were made at the same time.

<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.

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

Source: Ohio Department of Health, HIV/AIDS Surveillance Program. Data reported through June 30, 2018.

## Reported diagnoses of AIDS in 2017 by time to AIDS diagnosis and transmission category, Cuyahoga County

Transmission Category <sup>b</sup>	AIDS Diagnoses					
	2017 AIDS diagnosis		≥12 Months after HIV Diagnosis		<12 Months after HIV Diagnosis <sup>a</sup>	
	No.	%	No.	%	No.	%
<b>Male adult or adolescent</b>						
Male-to-male sexual contact	47	84%	27	93%	20	74%
Injection drug use (IDU)	-	-	-	-	-	-
Male-to-male sexual contact and IDU	-	-	-	-	-	-
Heterosexual contact	3	5%	1	3%	2	7%
Other/unknown	6	11%	1	3%	5	19%
Subtotal	56	100%	29	100%	27	100%
<b>Female adult or adolescent</b>						
Injection drug use	-	-	-	-	-	-
Heterosexual contact	12	100%	7	100%	5	100%
Other/unknown	-	-	-	-	-	-
Subtotal	12	100%	7	100%	5	100%
<b>Child (&lt;13 yrs at diagnosis)</b>						
Perinatal	-	-	-	-	-	-
Other/unknown	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-
<b>Total</b>	<b>68</b>		<b>36</b>		<b>32</b>	

## Reported diagnoses of AIDS in 2017 by time to AIDS diagnosis and exposure category, Cuyahoga County

Exposure Category <sup>c</sup>	AIDS Diagnoses					
	2017 AIDS diagnosis		≥12 Months after HIV Diagnosis		<12 Months after HIV Diagnosis <sup>a</sup>	
	No.	%	No.	%	No.	%
Male-to-male sex (MSM) only	46	68%	26	72%	20	63%
Injection drug use (IDU) only	-	-	-	-	-	-
Heterosexual contact only	15	22%	8	22%	7	22%
MSM & IDU	-	-	-	-	-	-
IDU & Heterosexual contact	-	-	-	-	-	-
MSM & Heterosexual contact	1	1%	1	3%	-	-
MSM & IDU & Heterosexual contact	-	-	-	-	-	-
Perinatal exposure	-	-	-	-	-	-
Other/unknown	6	9%	1	3%	5	16%
<b>Total</b>	<b>68</b>		<b>36</b>		<b>32</b>	

**Notes:**

Data reflects all persons with an AIDS diagnosis in 2017 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.

<sup>a</sup>Includes persons whose diagnoses of HIV infection and AIDS were made at the same time.

<sup>b</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>c</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, 2018.

## Trends in reported diagnoses of AIDS by year of diagnosis (2013-2017) and cumulative AIDS diagnoses by selected characteristics, Cuyahoga County

Characteristic	Year of AIDS Diagnosis										Cumulative AIDS	
	2013		2014		2015		2016		2017		No.	%
	No.	%	No.	%	No.	%	No.	%	No.	%		
<b>Sex at birth</b>												
Males	82	84%	50	79%	82	88%	55	65%	56	82%	3,810	82%
Females	16	16%	13	21%	11	12%	29	35%	12	18%	852	18%
<b>Age at AIDS diagnosis (yr)</b>												
<13	-	-	-	-	-	-	-	-	-	-	39	1%
13-14	-	-	-	-	-	-	-	-	-	-	3	<1%
15-19	-	-	1	2%	2	2%	1	1%	2	3%	37	1%
20-24	12	12%	9	14%	11	12%	10	12%	9	13%	251	5%
25-29	14	14%	8	13%	17	18%	17	20%	9	13%	592	13%
30-34	12	12%	7	11%	15	16%	6	7%	11	16%	886	19%
35-39	9	9%	5	8%	6	6%	7	8%	12	18%	979	21%
40-44	13	13%	11	17%	6	6%	8	10%	7	10%	723	16%
45-49	11	11%	3	5%	13	14%	9	11%	4	6%	529	11%
50-54	13	13%	8	13%	10	11%	14	17%	4	6%	294	6%
55-64	7	7%	8	13%	9	10%	6	7%	8	12%	250	5%
65+	7	7%	3	5%	4	4%	6	7%	2	3%	79	2%
<b>Race/Ethnicity<sup>a</sup></b>												
American Indian/Alaska Native	-	-	-	-	-	-	-	-	-	-	4	<1%
Asian/Pacific Islander	-	-	-	-	1	1%	-	-	-	-	6	<1%
Black/African-American	54	55%	42	67%	59	63%	65	77%	49	72%	2,609	56%
Hispanic/Latinx	11	11%	6	10%	5	5%	3	4%	4	6%	359	8%
White	26	27%	13	21%	22	24%	13	15%	12	18%	1,594	34%
Multi-Race	7	7%	2	3%	6	6%	3	4%	3	4%	90	2%
<b>Race/Ethnicity<sup>a</sup> and Sex at birth</b>												
American Indian/Alaska Native Males	-	-	-	-	-	-	-	-	-	-	2	<1%
American Indian/Alaska Native Females	-	-	-	-	-	-	-	-	-	-	2	<1%
Asian/Pacific Islander Males	-	-	-	-	-	-	-	-	-	-	5	<1%
Asian/Pacific Islander Females	-	-	-	-	1	1%	-	-	-	-	1	<1%
Black/African-American Males	47	48%	31	49%	52	56%	42	50%	38	56%	2,006	43%
Black/African-American Females	7	7%	11	17%	7	8%	23	27%	11	16%	603	13%
Hispanic/Latino Males	10	10%	6	10%	5	5%	1	1%	4	6%	266	6%
Hispanic/Latina Females	1	1%	-	-	-	-	2	2%	-	-	93	2%
White Males	20	20%	11	17%	20	22%	11	13%	11	16%	1,463	31%
White Females	6	6%	2	3%	2	2%	2	2%	1	1%	131	3%
Multi-Race Males	5	5%	2	3%	5	5%	1	1%	3	4%	68	1%
Multi-Race Females	2	2%	-	-	1	1%	2	2%	-	-	22	<1%
<b>Total</b>	<b>98</b>		<b>63</b>		<b>93</b>		<b>84</b>		<b>68</b>		<b>4,662</b>	

Notes:

AIDS diagnoses by year (2013-2017) 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 2017.

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.

Source: Ohio Department of Health, HIV/AIDS Surveillance Program. Data reported through June 30, 2018.

## Trends in reported diagnoses of AIDS by year of diagnosis (2013-2017) and cumulative AIDS diagnoses by transmission category, Cuyahoga County

Transmission Category <sup>a</sup>	Year of AIDS Diagnosis										Cumulative AIDS	
	2013		2014		2015		2016		2017		No.	%
	No.	%	No.	%	No.	%	No.	%	No.	%		
<b>Male adult or adolescent</b>												
Male-to-male sexual contact	65	79%	36	72%	54	66%	37	67%	47	84%	2,620	69%
Injection drug use (IDU)	6	7%	1	2%	2	2%	2	4%	-	-	360	9%
Male-to-male sexual contact and IDU	1	1%	2	4%	2	2%	2	4%	-	-	313	8%
Heterosexual contact	2	2%	4	8%	2	2%	2	4%	3	5%	170	4%
Other/unknown	8	10%	7	14%	22	27%	12	22%	6	11%	327	9%
Subtotal	82	100%	50	100%	82	100%	55	100%	56	100%	3,790	100%
<b>Female adult or adolescent</b>												
Injection drug use	3	19%	2	15%	2	18%	4	14%	-	-	205	25%
Heterosexual contact	12	75%	10	77%	8	73%	24	83%	12	100%	587	71%
Other/unknown	1	6%	1	8%	1	9%	1	3%	-	-	32	4%
Subtotal	16	100%	13	100%	11	100%	29	100%	12	100%	824	100%
<b>Child (&lt;13 yrs at diagnosis)</b>												
Perinatal	-	-	-	-	-	-	-	-	-	-	43	90%
Other/unknown	-	-	-	-	-	-	-	-	-	-	5	10%
Subtotal	-	-	-	-	-	-	-	-	-	-	48	100%
<b>Total</b>	<b>98</b>		<b>63</b>		<b>93</b>		<b>84</b>		<b>68</b>		<b>4,662</b>	

## Trends in reported diagnoses of AIDS by year of diagnosis (2013-2017) and cumulative AIDS diagnoses by exposure category, Cuyahoga County

Exposure Category <sup>b</sup>	Year of AIDS Diagnosis										Cumulative AIDS	
	2013		2014		2015		2016		2017		No.	%
	No.	%	No.	%	No.	%	No.	%	No.	%		
Male-to-male sex (MSM) only	59	60%	36	57%	53	57%	34	40%	46	68%	2,435	52%
Injection drug use (IDU) only	5	5%	1	2%	1	1%	3	4%	-	-	333	7%
Heterosexual contact only	14	14%	14	22%	10	11%	26	31%	15	22%	758	16%
MSM & IDU	1	1%	2	3%	1	1%	2	2%	-	-	250	5%
IDU & Heterosexual contact	4	4%	2	3%	3	3%	3	4%	-	-	232	5%
MSM & Heterosexual contact	6	6%	-	-	1	1%	3	4%	1	1%	185	4%
MSM & IDU & Heterosexual contact	-	-	-	-	1	1%	-	-	-	-	63	1%
Perinatal exposure	-	-	-	-	1	1%	-	-	-	-	44	1%
Other/unknown	9	9%	8	13%	22	24%	13	15%	6	9%	362	8%
<b>Total</b>	<b>98</b>		<b>63</b>		<b>93</b>		<b>84</b>		<b>68</b>		<b>4,662</b>	

Notes:

AIDS diagnoses by year (2013-2017) 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 2017.

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, 2018.

# Persons Living with Diagnosed HIV Infection Reported in Cuyahoga County

As of June 30, 2018

## Reported persons living with diagnosed HIV infection in 2017 by current disease status and selected characteristics, Cuyahoga County

Characteristic	Living with diagnosed HIV infection in 2017			Current Disease Status			
	Rate <sup>a</sup>	No.	%	HIV (not AIDS)		AIDS	
				No.	%	No.	%
<b>Sex at birth</b>							
Males	655.7	3,906	79%	2,016	79%	1,890	79%
Females	158.4	1,034	21%	527	21%	507	21%
<b>Age at end of year</b>							
<13	3.2	6	<1%	6	<1%	-	-
13-14	*	2	<1%	1	<1%	1	<1%
15-19	42.0	32	1%	26	1%	6	<1%
20-24	243.2	197	4%	164	6%	33	1%
25-29	486.3	444	9%	325	13%	119	5%
30-34	476.8	389	8%	264	10%	125	5%
35-39	595.9	445	9%	262	10%	183	8%
40-44	585.7	394	8%	217	9%	177	7%
45-49	834.1	642	13%	302	12%	340	14%
50-54	932.2	772	16%	326	13%	446	19%
55-64	681.7	1,227	25%	495	19%	732	31%
65+	175.7	390	8%	155	6%	235	10%
<b>Race/Ethnicity<sup>b</sup></b>							
American Indian/Alaska Native	*	2	<1%	1	<1%	1	<1%
Asian/Pacific Islander	54.8	22	<1%	18	1%	4	<1%
Black/African-American	762.4	2,819	57%	1,453	57%	1,366	57%
Hispanic/Latinx	739.3	547	11%	270	11%	277	12%
White	181.1	1,338	27%	673	26%	665	28%
Multi-Race	783.5	186	4%	102	4%	84	4%
Unknown	*	26	1%	26	1%	-	-
<b>Race/Ethnicity<sup>b</sup> and Sex at birth</b>							
American Indian/Alaska Native Males	*	1	<1%	1	<1%	-	-
American Indian/Alaska Native Females	*	1	<1%	-	-	1	<1%
Asian/Pacific Islander Males	87.7	17	<1%	15	1%	2	<1%
Asian/Pacific Islander Females	24.1	5	<1%	3	<1%	2	<1%
Black/African-American Males	1,275.2	2,145	43%	1,113	44%	1,032	43%
Black/African-American Females	334.4	674	14%	340	13%	334	14%
Hispanic/Latino Males	1,055.8	388	8%	200	8%	188	8%
Hispanic/Latina Females	427.0	159	3%	70	3%	89	4%
White Males	331.0	1,188	24%	587	23%	601	25%
White Females	39.5	150	3%	86	3%	64	3%
Multi-Race Males	1,292.3	149	3%	82	3%	67	3%
Multi-Race Females	303.1	37	1%	20	1%	17	1%
Unknown	*	26	1%	26	1%	-	-
<b>Total</b>	<b>395.7</b>	<b>4,940</b>		<b>2,543</b>		<b>2,397</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, 2017. Persons living with diagnosed HIV infection represent persons living in Ohio as of December 31, 2017, 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, 2018.

## Reported persons living with diagnosed HIV infection in 2017 by current disease status and transmission category, Cuyahoga County

Transmission Category <sup>a</sup>	Living with diagnosed HIV infection in 2017		Current Disease Status			
	No.	%	HIV (not AIDS)		AIDS	
			No.	%	No.	%
<b>Male adult or adolescent</b>						
Male-to-male sexual contact	2,813	72%	1,431	71%	1,382	73%
Injection drug use (IDU)	144	4%	57	3%	87	5%
Male-to-male sexual contact and IDU	227	6%	74	4%	153	8%
Heterosexual contact	188	5%	95	5%	93	5%
Other/unknown	516	13%	346	17%	170	9%
Subtotal	3,888	100%	2,003	100%	1,885	100%
<b>Female adult or adolescent</b>						
Injection drug use	137	14%	44	9%	93	19%
Heterosexual contact	779	78%	396	77%	383	78%
Other/unknown	88	9%	73	14%	15	3%
Subtotal	1,004	100%	513	100%	491	100%
<b>Child (&lt;13 yrs at diagnosis)</b>						
Perinatal	41	85%	21	78%	20	95%
Other/unknown	7	15%	6	22%	1	5%
Subtotal	48	100%	27	100%	21	100%
<b>Total</b>	<b>4,940</b>		<b>2,543</b>		<b>2,397</b>	

## Reported persons living with diagnosed HIV infection in 2017 by current disease status and exposure category, Cuyahoga County

Exposure Category <sup>b</sup>	Living with diagnosed HIV infection in 2017		Current Disease Status			
	No.	%	HIV (not AIDS)		AIDS	
			No.	%	No.	%
Male-to-male sex (MSM) only	2,604	53%	1,362	54%	1,242	52%
Injection drug use (IDU) only	127	3%	56	2%	71	3%
Heterosexual contact only	968	20%	492	19%	476	20%
MSM & IDU	167	3%	59	2%	108	5%
IDU & Heterosexual contact	154	3%	45	2%	109	5%
MSM & Heterosexual contact	209	4%	69	3%	140	6%
MSM & IDU & Heterosexual contact	60	1%	15	1%	45	2%
Perinatal exposure	43	1%	23	1%	20	1%
Other/unknown	608	12%	422	17%	186	8%
<b>Total</b>	<b>4,940</b>		<b>2,543</b>		<b>2,397</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, 2017. Persons living with diagnosed HIV infection represent persons living in Ohio as of December 31, 2017, 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, 2018.

Reported persons living with diagnosed HIV infection in 2017 by race/ethnicity and age, Cuyahoga County

Living with diagnosed HIV infection in 2017

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	*	-	-	*	-	-	*	4	<1%	*	-	-	*	2	<1%	*	-	-	-	-
13-14	*	-	-	*	-	-	*	2	<1%	*	-	-	*	-	-	*	-	-	-	-
15-19	*	-	-	*	1	5%	92.0	24	1%	75.3	5	1%	*	1	<1%	*	1	1%	-	-
20-24	*	-	-	*	4	18%	591.8	161	6%	180.6	11	2%	35.5	15	1%	262.9	6	3%	-	-
25-29	*	-	-	*	1	5%	1,115.5	328	12%	713.5	46	8%	101.0	50	4%	979.9	19	10%	-	-
30-34	*	-	-	*	2	9%	1,206.4	269	10%	553.8	33	6%	140.4	67	5%	1,348.3	18	10%	-	-
35-39	*	-	-	*	2	9%	1,222.0	260	9%	960.0	54	10%	252.6	109	8%	1,813.2	20	11%	-	-
40-44	*	1	50%	*	4	18%	1,046.8	202	7%	1,106.6	52	10%	303.9	119	9%	1,718.6	16	9%	-	-
45-49	*	-	-	*	3	14%	1,502.0	332	12%	1,885.4	79	14%	414.8	195	15%	3,149.6	28	15%	5	19%
50-54	*	-	-	*	1	5%	1,795.4	411	15%	2,296.4	86	16%	458.6	243	18%	3,202.3	22	12%	9	35%
55-64	*	1	50%	*	3	14%	1,262.0	617	22%	2,417.6	143	26%	343.8	412	31%	3,679.5	45	24%	6	23%
65+	*	-	-	*	1	5%	393.3	209	7%	766.3	38	7%	79.1	125	9%	1,057.7	11	6%	6	23%
<b>Total</b>	*	<b>2</b>		<b>54.8</b>	<b>22</b>		<b>762.4</b>	<b>2,819</b>		<b>739.3</b>	<b>547</b>		<b>181.1</b>	<b>1,338</b>		<b>783.5</b>	<b>186</b>		<b>26</b>	

Reported persons living with diagnosed HIV infection in 2017 by race/ethnicity and transmission category, Cuyahoga County

Living with diagnosed HIV infection in 2017

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	1	100%	10	59%	1,497	70%	240	63%	950	80%	115	77%	-	-
Injection drug use (IDU)	-	-	-	-	66	3%	47	12%	29	2%	2	1%	-	-
Male-to-male sexual contact and IDU	-	-	-	-	103	5%	38	10%	77	6%	9	6%	-	-
Heterosexual contact	-	-	-	-	138	6%	19	5%	24	2%	6	4%	1	6%
Other/unknown	-	-	7	41%	331	16%	39	10%	105	9%	17	11%	17	94%
Subtotal	1	100%	17	100%	2,135	100%	383	100%	1,185	100%	149	100%	18	100%
<b>Female adult or adolescent</b>														
Injection drug use	-	-	-	-	66	10%	33	21%	32	22%	6	16%	-	-
Heterosexual contact	1	100%	5	100%	530	81%	111	72%	103	70%	29	78%	-	-
Other/unknown	-	-	-	-	55	8%	10	6%	13	9%	2	5%	8	100%
Subtotal	1	100%	5	100%	651	100%	154	100%	148	100%	37	100%	8	100%
<b>Child (&lt;13 yrs at diagnosis)</b>														
Perinatal	-	-	-	-	28	85%	10	100%	3	60%	-	-	-	-
Other/unknown	-	-	-	-	5	15%	-	-	2	40%	-	-	-	-
Subtotal	-	-	-	-	33	100%	10	100%	5	100%	-	-	-	-
<b>Total</b>	<b>2</b>		<b>22</b>		<b>2,819</b>		<b>547</b>		<b>1,338</b>		<b>186</b>		<b>26</b>	

Reported persons living with diagnosed HIV infection in 2017 by race/ethnicity and exposure category, Cuyahoga County

Living with diagnosed HIV infection in 2017

Exposure Category <sup>d</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 sex (MSM) only	1	50%	9	41%	1,354	48%	215	39%	923	69%	102	55%	-	-
Injection drug use (IDU) only	-	-	-	-	55	2%	37	7%	34	3%	1	1%	-	-
Heterosexual contact only	1	50%	5	23%	669	24%	130	24%	127	9%	35	19%	1	4%
MSM & IDU	-	-	-	-	71	3%	23	4%	65	5%	8	4%	-	-
IDU & Heterosexual contact	-	-	-	-	77	3%	43	8%	27	2%	7	4%	-	-
MSM & Heterosexual contact	-	-	1	5%	143	5%	25	5%	27	2%	13	7%	-	-
MSM & IDU & Heterosexual contact	-	-	-	-	32	1%	15	3%	12	1%	1	1%	-	-
Perinatal exposure	-	-	-	-	30	1%	10	2%	3	0%	-	-	-	-
Other/unknown	-	-	7	32%	388	14%	49	9%	120	9%	19	10%	25	96%
<b>Total</b>	<b>2</b>		<b>22</b>		<b>2,819</b>		<b>547</b>		<b>1,338</b>		<b>186</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, 2017. Persons living with diagnosed HIV infection represent persons living in Ohio as of December 31, 2017, 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, 2018.

## Trends in reported persons living with diagnosed HIV infection by year of diagnosis and selected characteristics, Cuyahoga County, 2013-2017

### Living with Diagnosed HIV Infection

Characteristic	2013			2014			2015			2016			2017		
	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	562.3	3,379	78%	587.9	3,527	78%	604.3	3,612	79%	636.3	3,789	79%	655.7	3,906	79%
Females	144.2	955	22%	148.1	977	22%	148.7	979	21%	154.2	1,008	21%	158.4	1,034	21%
<b>Age at end of year</b>															
<13	5.7	11	<1%	6.3	12	<1%	3.7	7	<1%	2.7	5	<1%	3.2	6	<1%
13-14	*	2	<1%	*	1	<1%	16.4	5	<1%	23.7	7	<1%	*	2	<1%
15-19	45.0	37	1%	47.3	38	1%	45.7	36	1%	46.1	36	1%	42.0	32	1%
20-24	250.4	208	5%	258.3	219	5%	268.8	226	5%	274.3	227	5%	243.2	197	4%
25-29	350.3	291	7%	370.3	313	7%	424.8	366	8%	450.0	399	8%	486.3	444	9%
30-34	430.6	346	8%	454.6	368	8%	444.1	360	8%	454.7	369	8%	476.8	389	8%
35-39	471.9	333	8%	494.0	353	8%	519.1	377	8%	569.5	420	9%	595.9	445	9%
40-44	677.8	530	12%	671.1	505	11%	591.1	428	9%	583.3	401	8%	585.7	394	8%
45-49	905.8	761	18%	895.9	727	16%	873.4	693	15%	885.5	693	14%	834.1	642	13%
50-54	818.7	789	18%	880.5	827	18%	915.4	830	18%	944.4	814	17%	932.2	772	16%
55-64	474.8	836	19%	516.5	920	20%	554.8	999	22%	617.0	1,112	23%	681.7	1,227	25%
65+	92.9	190	4%	106.7	221	5%	125.2	264	6%	146.4	314	7%	175.7	390	8%
<b>Race/Ethnicity<sup>b</sup></b>															
American Indian/Alaska Native	*	3	<1%	*	3	<1%	*	2	<1%	*	2	<1%	*	2	<1%
Asian/Pacific Islander	30.5	11	<1%	31.8	12	<1%	36.2	14	<1%	33.4	13	<1%	54.8	22	<1%
Black/African-American, not Hispanic	643.8	2,397	55%	679.5	2,526	56%	703.3	2,610	57%	738.7	2,740	57%	762.4	2,819	57%
Hispanic/Latinx	674.9	444	10%	691.7	468	10%	684.9	478	10%	708.1	506	11%	739.3	547	11%
White, not Hispanic	168.7	1,291	30%	170.3	1,291	29%	170.2	1,279	28%	177.7	1,320	28%	181.1	1,338	27%
Multi-Race	738.1	161	4%	793.4	178	4%	796.5	182	4%	812.9	190	4%	783.5	186	4%
Unknown	*	27	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	*	2	<1%	*	2	<1%	*	1	<1%	*	1	<1%	*	1	<1%
American Indian/Alaska Native Females	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%
Asian/Pacific Islander Males	51.4	9	<1%	54.1	10	<1%	58.8	11	<1%	52.9	10	<1%	87.7	17	<1%
Asian/Pacific Islander Females	*	2	<1%	*	2	<1%	*	3	<1%	*	3	<1%	24.1	5	<1%
Black/African-American Males	1,042.5	1,762	41%	1,111.5	1,875	42%	1,166.3	1,963	43%	1,229.5	2,072	43%	1,275.2	2,145	43%
Black/African-American Females	312.3	635	15%	320.6	651	14%	319.0	647	14%	330.1	668	14%	334.4	674	14%
Hispanic/Latino Males	926.2	301	7%	972.6	326	7%	971.0	335	7%	1,009.7	358	7%	1,055.8	388	8%
Hispanic/Latina Females	429.6	143	3%	415.9	142	3%	405.2	143	3%	411.1	148	3%	427.0	159	3%
White Males	312.7	1,158	27%	313.9	1,153	26%	312.5	1,138	25%	327.2	1,179	25%	331.0	1,188	24%
White Females	33.7	133	3%	35.3	138	3%	36.4	141	3%	36.9	141	3%	39.5	150	3%
Multi-Race Males	1,202.4	128	3%	1,307.4	143	3%	1,312.6	146	3%	1,331.1	151	3%	1,292.3	149	3%
Multi-Race Females	295.5	33	1%	304.5	35	1%	307.0	36	1%	324.2	39	1%	303.1	37	1%
Unknown	*	27	1%	*	26	1%	*	26	1%	*	26	1%	*	26	1%
<b>Total</b>	<b>343.1</b>	<b>4,334</b>		<b>357.5</b>	<b>4,504</b>		<b>365.5</b>	<b>4,591</b>		<b>384.0</b>	<b>4,797</b>		<b>395.7</b>	<b>4,940</b>	

Notes:

Living with diagnosed HIV infection by year (2013-2017) 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, 2018.

## Trends in reported persons living with diagnosed HIV infection by year of diagnosis and transmission category, Cuyahoga County, 2013-2017

Transmission Category <sup>a</sup>	Living with Diagnosed HIV Infection									
	2013		2014		2015		2016		2017	
	No.	%	No.	%	No.	%	No.	%	No.	%
<b>Male adult or adolescent</b>										
Male-to-male sexual contact	2,385	71%	2,513	72%	2,572	72%	2,727	72%	2,813	72%
Injection drug use (IDU)	154	5%	144	4%	140	4%	137	4%	144	4%
Male-to-male sexual contact and IDU	211	6%	209	6%	207	6%	218	6%	227	6%
Heterosexual contact	178	5%	183	5%	188	5%	189	5%	188	5%
Other/unknown	429	13%	456	13%	483	13%	497	13%	516	13%
Subtotal	3,357	100%	3,505	100%	3,590	100%	3,768	100%	3,888	100%
<b>Female adult or adolescent</b>										
Injection drug use	132	14%	135	14%	137	14%	135	14%	137	14%
Heterosexual contact	715	77%	728	77%	729	77%	758	77%	779	78%
Other/unknown	82	9%	87	9%	85	9%	87	9%	88	9%
Subtotal	929	100%	950	100%	951	100%	980	100%	1,004	100%
<b>Child (&lt;13 yrs at diagnosis)</b>										
Perinatal	41	85%	42	86%	43	86%	43	88%	41	85%
Other/unknown	7	15%	7	14%	7	14%	6	12%	7	15%
Subtotal	48	100%	49	100%	50	100%	49	100%	48	100%
<b>Total</b>	<b>4,334</b>		<b>4,504</b>		<b>4,591</b>		<b>4,797</b>		<b>4,940</b>	

## Trends in reported persons living with diagnosed HIV infection by year of diagnosis and exposure category, Cuyahoga County, 2013-2017

Exposure Category <sup>b</sup>	Living with Diagnosed HIV Infection									
	2013		2014		2015		2016		2017	
	No.	%	No.	%	No.	%	No.	%	No.	%
Male-to-male sex (MSM) only	2,196	51%	2,310	51%	2,372	52%	2,522	53%	2,604	53%
Injection drug use (IDU) only	129	3%	124	3%	127	3%	128	3%	127	3%
Heterosexual contact only	894	21%	912	20%	918	20%	948	20%	968	20%
MSM & IDU	150	3%	148	3%	147	3%	155	3%	167	3%
IDU & Heterosexual contact	157	4%	155	3%	150	3%	144	3%	154	3%
MSM & Heterosexual contact	189	4%	203	5%	200	4%	205	4%	209	4%
MSM & IDU & Heterosexual contact	61	1%	61	1%	60	1%	63	1%	60	1%
Perinatal exposure	44	1%	44	1%	46	1%	46	1%	43	1%
Other/unknown	514	12%	547	12%	571	12%	586	12%	608	12%
<b>Total</b>	<b>4,334</b>		<b>4,504</b>		<b>4,591</b>		<b>4,797</b>		<b>4,940</b>	

**Notes:**

Living with diagnosed HIV infection by year (2013-2017) 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, 2018.