

# New Diagnoses of HIV Infection Reported in Ashtabula, Geauga, Lake Counties

**Reported new diagnoses of HIV infection in 2017 by disease status and selected characteristics, Ashtabula, Geauga, Lake Counties**

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	6.7	14	78%	10	71%	4	100%	-	-
Females	*	4	22%	4	29%	-	-	-	-
<b>Age at diagnosis (yr)</b>									
<13	*	-	-	-	-	-	-	-	-
13-14	*	-	-	-	-	-	-	-	-
15-19	*	-	-	-	-	-	-	-	-
20-24	*	3	17%	2	14%	1	25%	-	-
25-29	21.0	5	28%	5	36%	-	-	-	-
30-34	*	3	17%	2	14%	1	25%	-	-
35-39	*	1	6%	1	7%	-	-	-	-
40-44	*	1	6%	1	7%	-	-	-	-
45-49	*	1	6%	1	7%	-	-	-	-
50-54	*	2	11%	1	7%	1	25%	-	-
55-64	*	2	11%	1	7%	1	25%	-	-
65+	*	-	-	-	-	-	-	-	-
<b>Race/Ethnicity<sup>b</sup></b>									
American Indian/Alaska Native	*	-	-	-	-	-	-	-	-
Asian/Pacific Islander	*	-	-	-	-	-	-	-	-
Black/African-American	*	1	6%	1	7%	-	-	-	-
Hispanic/Latinx	*	1	6%	-	-	1	25%	-	-
White	3.7	14	78%	11	79%	3	75%	-	-
Multi-Race	*	2	11%	2	14%	-	-	-	-
<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	*	1	6%	1	7%	-	-	-	-
Black/African-American Females	*	-	-	-	-	-	-	-	-
Hispanic/Latino Males	*	1	6%	-	-	1	25%	-	-
Hispanic/Latina Females	*	-	-	-	-	-	-	-	-
White Males	5.9	11	61%	8	57%	3	75%	-	-
White Females	*	3	17%	3	21%	-	-	-	-
Multi-Race Males	*	1	6%	1	7%	-	-	-	-
Multi-Race Females	*	1	6%	1	7%	-	-	-	-
<b>Total</b>	<b>4.3</b>	<b>18</b>		<b>14</b>		<b>4</b>		<b>-</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, Ashtabula, Geauga, Lake Counties**

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	11	79%	8	80%	3	75%	-	-
Injection drug use (IDU)	1	7%	1	10%	-	-	-	-
Male-to-male sexual contact and IDU	1	7%	-	-	1	25%	-	-
Heterosexual contact	-	-	-	-	-	-	-	-
Other/unknown	1	7%	1	10%	-	-	-	-
Subtotal	14	100%	10	100%	4	100%	-	-
<b>Female adult or adolescent</b>								
Injection drug use	-	-	-	-	-	-	-	-
Heterosexual contact	4	100%	4	100%	-	-	-	-
Other/unknown	-	-	-	-	-	-	-	-
Subtotal	4	100%	4	100%	-	-	-	-
<b>Child (&lt;13 yrs at diagnosis)</b>								
Perinatal	-	-	-	-	-	-	-	-
Other/unknown	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-
<b>Total</b>	<b>18</b>		<b>14</b>		<b>4</b>		<b>-</b>	

**Reported new diagnoses of HIV infection in 2017 by disease status and exposure category, Ashtabula, Geauga, Lake Counties**

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	11	61%	8	57%	3	75%	-	-
Injection drug use (IDU) only	-	-	-	-	-	-	-	-
Heterosexual contact only	4	22%	4	29%	-	-	-	-
MSM & IDU	1	6%	-	-	1	25%	-	-
IDU & Heterosexual contact	1	6%	1	7%	-	-	-	-
MSM & Heterosexual contact	-	-	-	-	-	-	-	-
MSM & IDU & Heterosexual contact	-	-	-	-	-	-	-	-
Perinatal exposure	-	-	-	-	-	-	-	-
Other/unknown	1	6%	1	7%	-	-	-	-
<b>Total</b>	<b>18</b>		<b>14</b>		<b>4</b>		<b>-</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, Ashtabula, Geauga, Lake Counties

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	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
13-14	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
15-19	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
20-24	*	-	-	*	-	-	*	1	100%	*	-	-	*	1	7%	*	1	50%
25-29	*	-	-	*	-	-	*	-	-	*	-	-	24.4	5	36%	*	-	-
30-34	*	-	-	*	-	-	*	-	-	*	-	-	*	3	21%	*	-	-
35-39	*	-	-	*	-	-	*	-	-	*	-	-	*	1	7%	*	-	-
40-44	*	-	-	*	-	-	*	-	-	*	-	-	*	1	7%	*	-	-
45-49	*	-	-	*	-	-	*	-	-	*	-	-	*	1	7%	*	-	-
50-54	*	-	-	*	-	-	*	-	-	*	1	100%	*	1	7%	*	-	-
55-64	*	-	-	*	-	-	*	-	-	*	-	-	*	1	7%	*	1	50%
65+	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
<b>Total</b>	*	-	-	*	-	-	*	1		*	1		3.7	14		*	2	

Reported new diagnoses of HIV infection in 2017 by race/ethnicity and transmission category, Ashtabula, Geauga, Lake Counties

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	-	-	-	-	1	100%	1	100%	9	82%	-	-
Injection drug use (IDU)	-	-	-	-	-	-	-	-	1	9%	-	-
Male-to-male sexual contact and IDU	-	-	-	-	-	-	-	-	1	9%	-	-
Heterosexual contact	-	-	-	-	-	-	-	-	-	-	-	-
Other/unknown	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	1	100%	1	100%	11	100%	1	100%
<b>Female adult or adolescent</b>												
Injection drug use	-	-	-	-	-	-	-	-	-	-	-	-
Heterosexual contact	-	-	-	-	-	-	-	-	3	100%	1	100%
Other/unknown	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	3	100%	1	100%
<b>Child (&lt;13 yrs at diagnosis)</b>												
Perinatal	-	-	-	-	-	-	-	-	-	-	-	-
Other/unknown	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	1		1		14		2	

Reported new diagnoses of HIV infection in 2017 by race/ethnicity and exposure category, Ashtabula, Geauga, Lake Counties

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	-	-	-	-	1	100%	1	100%	9	64%	-	-
Injection drug use (IDU) only	-	-	-	-	-	-	-	-	-	-	-	-
Heterosexual contact only	-	-	-	-	-	-	-	-	3	21%	1	50%
MSM & IDU	-	-	-	-	-	-	-	-	1	7%	-	-
IDU & Heterosexual contact	-	-	-	-	-	-	-	-	1	7%	-	-
MSM & Heterosexual contact	-	-	-	-	-	-	-	-	-	-	-	-
MSM & IDU & Heterosexual contact	-	-	-	-	-	-	-	-	-	-	-	-
Perinatal exposure	-	-	-	-	-	-	-	-	-	-	-	-
Other/unknown	-	-	-	-	-	-	-	-	-	-	1	50%
<b>Total</b>	-	-	-	-	1		1		14		2	

Notes:  
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 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, Ashtabula, Geauga, Lake Counties**

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	6.2	13	93%	4.8	10	91%	6.7	14	93%	10.1	21	95%	6.7	14	78%	375	84%
Females	*	1	7%	*	1	9%	*	1	7%	*	1	5%	*	4	22%	70	16%
<b>Age at diagnosis (yr)</b>																	
<13	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	5	1%
13-14	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	-	-
15-19	*	-	-	*	-	-	*	-	-	*	2	9%	*	-	-	10	2%
20-24	*	1	7%	*	-	-	*	4	27%	24.8	6	27%	*	3	17%	42	9%
25-29	*	3	21%	*	-	-	*	2	13%	*	3	14%	21.0	5	28%	79	18%
30-34	*	1	7%	*	2	18%	*	2	13%	*	4	18%	*	3	17%	71	16%
35-39	*	1	7%	*	2	18%	*	2	13%	*	2	9%	*	1	6%	66	15%
40-44	*	1	7%	*	1	9%	*	2	13%	*	1	5%	*	1	6%	55	12%
45-49	*	4	29%	*	4	36%	*	-	-	*	1	5%	*	1	6%	53	12%
50-54	*	1	7%	*	1	9%	*	1	7%	*	1	5%	*	2	11%	27	6%
55-64	*	2	14%	*	1	9%	*	1	7%	*	2	9%	*	2	11%	30	7%
65+	*	-	-	*	-	-	*	1	7%	*	-	-	*	-	-	7	2%
<b>Race/Ethnicity<sup>b</sup></b>																	
American Indian/Alaska Native	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	1	<1%
Asian/Pacific Islander	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	1	<1%
Black/African-American	*	2	14%	*	1	9%	*	1	7%	44.7	6	27%	*	1	6%	68	15%
Hispanic/Latinx	*	2	14%	*	-	-	*	1	7%	*	1	5%	*	1	6%	26	6%
White	2.3	9	64%	2.6	10	91%	3.4	13	87%	3.1	12	55%	3.7	14	78%	335	75%
Multi-Race	*	1	7%	*	-	-	*	-	-	*	3	14%	*	2	11%	13	3%
Unknown	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	1	<1%
<b>Race/Ethnicity<sup>b</sup> and Sex at birth</b>																	
American Indian/Alaska Native Males	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	-	-
American Indian/Alaska Native Females	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	1	<1%
Asian/Pacific Islander Males	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	1	<1%
Asian/Pacific Islander Females	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	-	-
Black/African-American Males	*	2	14%	*	1	9%	*	1	7%	69.9	5	23%	*	1	6%	49	11%
Black/African-American Females	*	-	-	*	-	-	*	-	-	*	1	5%	*	-	-	19	4%
Hispanic/Latino Males	*	2	14%	*	-	-	*	1	7%	*	1	5%	*	1	6%	20	4%
Hispanic/Latina Females	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	6	1%
White Males	4.2	8	57%	4.8	9	82%	6.4	12	80%	6.4	12	55%	5.9	11	61%	293	66%
White Females	*	1	7%	*	1	9%	*	1	7%	*	-	-	*	3	17%	42	9%
Multi-Race Males	*	1	7%	*	-	-	*	-	-	*	3	14%	*	1	6%	11	2%
Multi-Race Females	*	-	-	*	-	-	*	-	-	*	-	-	*	1	6%	2	<1%
<b>Total</b>	<b>3.3</b>	<b>14</b>		<b>2.6</b>	<b>11</b>		<b>3.6</b>	<b>15</b>		<b>5.2</b>	<b>22</b>		<b>4.3</b>	<b>18</b>		<b>445</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, Ashtabula, Geauga, Lake Counties

Transmission Category <sup>a</sup>	Diagnosis of HIV Infection by Year											
	2013		2014		2015		2016		2017		Cumulative Diagnoses	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<b>Male adult or adolescent</b>												
Male-to-male sexual contact	9	69%	9	90%	8	57%	18	86%	11	79%	267	71%
Injection drug use (IDU)	-	-	-	-	1	7%	-	-	1	7%	19	5%
Male-to-male sexual contact and IDU	-	-	-	-	-	-	-	-	1	7%	19	5%
Heterosexual contact	-	-	1	10%	1	7%	-	-	-	-	17	5%
Other/unknown	4	31%	-	-	4	29%	3	14%	1	7%	52	14%
Subtotal	13	100%	10	100%	14	100%	21	100%	14	100%	374	100%
<b>Female adult or adolescent</b>												
Injection drug use	-	-	-	-	-	-	-	-	-	-	4	6%
Heterosexual contact	1	100%	1	100%	1	100%	1	100%	4	100%	52	79%
Other/unknown	-	-	-	-	-	-	-	-	-	-	10	15%
Subtotal	1	100%	1	100%	1	100%	1	100%	4	100%	66	100%
<b>Child (&lt;13 yrs at diagnosis)</b>												
Perinatal	-	-	-	-	-	-	-	-	-	-	3	60%
Other/unknown	-	-	-	-	-	-	-	-	-	-	2	40%
Subtotal	-	-	-	-	-	-	-	-	-	-	5	100%
<b>Total</b>	<b>14</b>		<b>11</b>		<b>15</b>		<b>22</b>		<b>18</b>		<b>445</b>	

## Trends in reported diagnoses of HIV infection by year of diagnosis (2013-2017) and cumulative diagnoses by exposure category, Ashtabula, Geauga, Lake Counties

Exposure Category <sup>b</sup>	Diagnosis of HIV Infection by Year											
	2013		2014		2015		2016		2017		Cumulative Diagnoses	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male-to-male sex (MSM) only	9	64%	9	82%	8	53%	18	82%	11	61%	254	57%
Injection drug use (IDU) only	-	-	-	-	-	-	-	-	-	-	15	3%
Heterosexual contact only	1	7%	2	18%	2	13%	1	5%	4	22%	69	16%
MSM & IDU	-	-	-	-	-	-	-	-	1	6%	17	4%
IDU & Heterosexual contact	-	-	-	-	1	7%	-	-	1	6%	8	2%
MSM & Heterosexual contact	-	-	-	-	-	-	-	-	-	-	13	3%
MSM & IDU & Heterosexual contact	-	-	-	-	-	-	-	-	-	-	2	<1%
Perinatal exposure	-	-	-	-	-	-	-	-	-	-	3	1%
Other/unknown	4	29%	-	-	4	27%	3	14%	1	6%	64	14%
<b>Total</b>	<b>14</b>		<b>11</b>		<b>15</b>		<b>22</b>		<b>18</b>		<b>445</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, Ashtabula, Geauga, Lake Counties

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	8	100%	5	100%	3	100%
Females	-	-	-	-	-	-
<b>Age at AIDS diagnosis (yr)</b>						
<13	-	-	-	-	-	-
13-14	-	-	-	-	-	-
15-19	-	-	-	-	-	-
20-24	1	13%	-	-	1	33%
25-29	2	25%	2	40%	-	-
30-34	1	13%	-	-	1	33%
35-39	-	-	-	-	-	-
40-44	-	-	-	-	-	-
45-49	1	13%	1	20%	-	-
50-54	1	13%	1	20%	-	-
55-64	1	13%	-	-	1	33%
65+	1	13%	1	20%	-	-
<b>Race/Ethnicity<sup>b</sup></b>						
American Indian/Alaska Native	-	-	-	-	-	-
Asian/Pacific Islander	-	-	-	-	-	-
Black/African-American	2	25%	2	40%	-	-
Hispanic/Latinx	-	-	-	-	-	-
White	6	75%	3	60%	3	100%
Multi-Race	-	-	-	-	-	-
<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	2	25%	2	40%	-	-
Black/African-American Females	-	-	-	-	-	-
Hispanic/Latino Males	-	-	-	-	-	-
Hispanic/Latina Females	-	-	-	-	-	-
White Males	6	75%	3	60%	3	100%
White Females	-	-	-	-	-	-
Multi-Race Males	-	-	-	-	-	-
Multi-Race Females	-	-	-	-	-	-
<b>Total</b>	<b>8</b>		<b>5</b>		<b>3</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, Ashtabula, Geauga, Lake Counties**

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	7	88%	5	100%	2	67%
Injection drug use (IDU)	-	-	-	-	-	-
Male-to-male sexual contact and IDU	1	13%	-	-	1	33%
Heterosexual contact	-	-	-	-	-	-
Other/unknown	-	-	-	-	-	-
Subtotal	8	100%	5	100%	3	100%
<b>Female adult or adolescent</b>						
Injection drug use	-	-	-	-	-	-
Heterosexual contact	-	-	-	-	-	-
Other/unknown	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-
<b>Child (&lt;13 yrs at diagnosis)</b>						
Perinatal	-	-	-	-	-	-
Other/unknown	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-
<b>Total</b>	<b>8</b>		<b>5</b>		<b>3</b>	

**Reported diagnoses of AIDS in 2017 by time to AIDS diagnosis and exposure category, Ashtabula, Geauga, Lake Counties**

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	7	88%	5	100%	2	67%
Injection drug use (IDU) only	-	-	-	-	-	-
Heterosexual contact only	-	-	-	-	-	-
MSM & IDU	1	13%	-	-	1	33%
IDU & Heterosexual contact	-	-	-	-	-	-
MSM & Heterosexual contact	-	-	-	-	-	-
MSM & IDU & Heterosexual contact	-	-	-	-	-	-
Perinatal exposure	-	-	-	-	-	-
Other/unknown	-	-	-	-	-	-
<b>Total</b>	<b>8</b>		<b>5</b>		<b>3</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, Ashtabula, Geauga, Lake Counties

Characteristic	Year of AIDS Diagnosis										Cumulative AIDS	
	2013		2014		2015		2016		2017		No.	%
	No.	%	No.	%	No.	%	No.	%	No.	%		
<b>Sex at birth</b>												
Males	5	100%	-	-	6	100%	5	83%	8	100%	254	87%
Females	-	-	1	100%	-	-	1	17%	-	-	38	13%
<b>Age at AIDS diagnosis (yr)</b>												
<13	-	-	-	-	-	-	-	-	-	-	2	1%
13-14	-	-	-	-	-	-	-	-	-	-	-	-
15-19	-	-	-	-	-	-	-	-	-	-	2	1%
20-24	-	-	-	-	1	17%	-	-	1	13%	7	2%
25-29	1	20%	-	-	-	-	2	33%	2	25%	38	13%
30-34	-	-	-	-	1	17%	-	-	1	13%	50	17%
35-39	-	-	-	-	-	-	-	-	-	-	53	18%
40-44	1	20%	-	-	1	17%	1	17%	-	-	49	17%
45-49	3	60%	-	-	2	33%	-	-	1	13%	45	15%
50-54	-	-	-	-	-	-	-	-	1	13%	16	5%
55-64	-	-	1	100%	1	17%	3	50%	1	13%	24	8%
65+	-	-	-	-	-	-	-	-	1	13%	6	2%
<b>Race/Ethnicity<sup>a</sup></b>												
American Indian/Alaska Native	-	-	-	-	-	-	-	-	-	-	1	<1%
Asian/Pacific Islander	-	-	-	-	-	-	-	-	-	-	-	-
Black/African-American	-	-	-	-	3	50%	2	33%	2	25%	48	16%
Hispanic/Latinx	1	20%	-	-	-	-	-	-	-	-	15	5%
White	4	80%	1	100%	3	50%	3	50%	6	75%	225	77%
Multi-Race	-	-	-	-	-	-	1	17%	-	-	3	1%
<b>Race/Ethnicity<sup>a</sup> and Sex at birth</b>												
American Indian/Alaska Native Males	-	-	-	-	-	-	-	-	-	-	-	-
American Indian/Alaska Native Females	-	-	-	-	-	-	-	-	-	-	1	<1%
Asian/Pacific Islander Males	-	-	-	-	-	-	-	-	-	-	-	-
Asian/Pacific Islander Females	-	-	-	-	-	-	-	-	-	-	-	-
Black/African-American Males	-	-	-	-	3	50%	2	33%	2	25%	37	13%
Black/African-American Females	-	-	-	-	-	-	-	-	-	-	11	4%
Hispanic/Latino Males	1	20%	-	-	-	-	-	-	-	-	11	4%
Hispanic/Latina Females	-	-	-	-	-	-	-	-	-	-	4	1%
White Males	4	80%	-	-	3	50%	2	33%	6	75%	204	70%
White Females	-	-	1	100%	-	-	1	17%	-	-	21	7%
Multi-Race Males	-	-	-	-	-	-	1	17%	-	-	2	1%
Multi-Race Females	-	-	-	-	-	-	-	-	-	-	1	<1%
<b>Total</b>	<b>5</b>		<b>1</b>		<b>6</b>		<b>6</b>		<b>8</b>		<b>292</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, Ashtabula, Geauga, Lake Counties

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	3	60%	-	-	5	83%	3	60%	7	88%	180	71%
Injection drug use (IDU)	-	-	-	-	-	-	-	-	-	-	19	8%
Male-to-male sexual contact and IDU	-	-	-	-	-	-	-	-	1	13%	17	7%
Heterosexual contact	-	-	-	-	-	-	-	-	-	-	10	4%
Other/unknown	2	40%	-	-	1	17%	2	40%	-	-	27	11%
Subtotal	5	100%	-	-	6	100%	5	100%	8	100%	253	100%
<b>Female adult or adolescent</b>												
Injection drug use	-	-	-	-	-	-	-	-	-	-	3	8%
Heterosexual contact	-	-	1	100%	-	-	1	100%	-	-	32	89%
Other/unknown	-	-	-	-	-	-	-	-	-	-	1	3%
Subtotal	-	-	1	100%	-	-	1	100%	-	-	36	100%
<b>Child (&lt;13 yrs at diagnosis)</b>												
Perinatal	-	-	-	-	-	-	-	-	-	-	2	67%
Other/unknown	-	-	-	-	-	-	-	-	-	-	1	33%
Subtotal	-	-	-	-	-	-	-	-	-	-	3	100%
<b>Total</b>	<b>5</b>		<b>1</b>		<b>6</b>		<b>6</b>		<b>8</b>		<b>292</b>	

## Trends in reported diagnoses of AIDS by year of diagnosis (2013-2017) and cumulative AIDS diagnoses by exposure category, Ashtabula, Geauga, Lake Counties

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	3	60%	-	-	5	83%	3	50%	7	88%	172	59%
Injection drug use (IDU) only	-	-	-	-	-	-	-	-	-	-	14	5%
Heterosexual contact only	-	-	1	100%	-	-	1	17%	-	-	42	14%
MSM & IDU	-	-	-	-	-	-	-	-	1	13%	13	4%
IDU & Heterosexual contact	-	-	-	-	-	-	-	-	-	-	8	3%
MSM & Heterosexual contact	-	-	-	-	-	-	-	-	-	-	8	3%
MSM & IDU & Heterosexual contact	-	-	-	-	-	-	-	-	-	-	4	1%
Perinatal exposure	-	-	-	-	-	-	-	-	-	-	2	1%
Other/unknown	2	40%	-	-	1	17%	2	33%	-	-	29	10%
<b>Total</b>	<b>5</b>		<b>1</b>		<b>6</b>		<b>6</b>		<b>8</b>		<b>292</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 Ashtabula, Geauga, Lake Counties

As of June 30, 2018

## Reported persons living with diagnosed HIV infection in 2017 by current disease status and selected characteristics, Ashtabula, Geauga, Lake Counties

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	128.2	267	79%	119	76%	148	81%
Females	33.7	72	21%	38	24%	34	19%
<b>Age at end of year</b>							
<13	*	1	<1%	1	1%	-	-
13-14	*	-	-	-	-	-	-
15-19	*	-	-	-	-	-	-
20-24	54.0	13	4%	10	6%	3	2%
25-29	88.0	21	6%	16	10%	5	3%
30-34	84.3	19	6%	14	9%	5	3%
35-39	88.9	21	6%	19	12%	2	1%
40-44	172.6	40	12%	20	13%	20	11%
45-49	156.5	44	13%	18	11%	26	14%
50-54	196.3	60	18%	22	14%	38	21%
55-64	136.8	89	26%	27	17%	62	34%
65+	38.1	31	9%	10	6%	21	12%
<b>Race/Ethnicity<sup>b</sup></b>							
American Indian/Alaska Native	*	-	-	-	-	-	-
Asian/Pacific Islander	*	2	1%	1	1%	1	1%
Black/African-American	443.2	63	19%	27	17%	36	20%
Hispanic/Latinx	291.0	45	13%	21	13%	24	13%
White	56.7	216	64%	100	64%	116	64%
Multi-Race	186.6	12	4%	7	4%	5	3%
Unknown	*	1	<1%	1	1%	-	-
<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	*	2	1%	1	1%	1	1%
Asian/Pacific Islander Females	*	-	-	-	-	-	-
Black/African-American Males	536.5	40	12%	16	10%	24	13%
Black/African-American Females	340.3	23	7%	11	7%	12	7%
Hispanic/Latino Males	406.4	34	10%	16	10%	18	10%
Hispanic/Latina Females	155.0	11	3%	5	3%	6	3%
White Males	96.9	181	53%	80	51%	101	55%
White Females	18.1	35	10%	20	13%	15	8%
Multi-Race Males	275.2	9	3%	5	3%	4	2%
Multi-Race Females	*	3	1%	2	1%	1	1%
Unknown	*	1	<1%	1	1%	-	-
<b>Total</b>	<b>80.4</b>	<b>339</b>		<b>157</b>		<b>182</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, Ashtabula, Geauga, Lake Counties

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	186	70%	86	73%	100	68%
Injection drug use (IDU)	18	7%	4	3%	14	10%
Male-to-male sexual contact and IDU	19	7%	5	4%	14	10%
Heterosexual contact	14	5%	6	5%	8	5%
Other/unknown	27	10%	17	14%	10	7%
Subtotal	264	100%	118	100%	146	100%
<b>Female adult or adolescent</b>						
Injection drug use	2	3%	1	3%	1	3%
Heterosexual contact	62	89%	29	81%	33	97%
Other/unknown	6	9%	6	17%	-	-
Subtotal	70	100%	36	100%	34	100%
<b>Child (&lt;13 yrs at diagnosis)</b>						
Perinatal	3	60%	2	67%	1	50%
Other/unknown	2	40%	1	33%	1	50%
Subtotal	5	100%	3	100%	2	100%
<b>Total</b>	<b>339</b>		<b>157</b>		<b>182</b>	

## Reported persons living with diagnosed HIV infection in 2017 by current disease status and exposure category, Ashtabula, Geauga, Lake Counties

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	171	50%	80	51%	91	50%
Injection drug use (IDU) only	11	3%	1	1%	10	5%
Heterosexual contact only	76	22%	35	22%	41	23%
MSM & IDU	15	4%	4	3%	11	6%
IDU & Heterosexual contact	9	3%	4	3%	5	3%
MSM & Heterosexual contact	15	4%	6	4%	9	5%
MSM & IDU & Heterosexual contact	4	1%	1	1%	3	2%
Perinatal exposure	3	1%	2	1%	1	1%
Other/unknown	35	10%	24	15%	11	6%
<b>Total</b>	<b>339</b>		<b>157</b>		<b>182</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, Ashtabula, Geauga, Lake Counties

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	*	-	-	*	-	-	*	1	2%	*	-	-	*	-	-	*	-	-	-	-
13-14	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	-	-
15-19	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	-	-
20-24	*	-	-	*	-	-	448.0	5	8%	*	1	2%	28.8	6	3%	*	1	8%	-	-
25-29	*	-	-	*	-	-	*	3	5%	*	2	4%	68.4	14	6%	*	2	17%	-	-
30-34	*	-	-	*	-	-	*	4	6%	*	3	7%	51.6	10	5%	*	2	17%	-	-
35-39	*	-	-	*	-	-	*	3	5%	*	2	4%	72.1	15	7%	*	1	8%	-	-
40-44	*	-	-	*	1	50%	835.3	7	11%	703.5	7	16%	110.6	23	11%	*	2	17%	-	-
45-49	*	-	-	*	-	-	*	4	6%	1,026.2	9	20%	116.2	30	14%	*	1	8%	-	-
50-54	*	-	-	*	-	-	1,273.1	11	17%	1,361.6	9	20%	133.2	38	18%	*	2	17%	-	-
55-64	*	-	-	*	1	50%	1,165.6	19	30%	1,030.9	9	20%	94.1	58	27%	*	1	8%	1	100%
65+	*	-	-	*	-	-	383.1	6	10%	*	3	7%	28.2	22	10%	*	-	-	-	-
<b>Total</b>	*	-	-	*	2	-	443.2	63	-	291.0	45	-	56.7	216	-	186.6	12	-	1	-

Reported persons living with diagnosed HIV infection in 2017 by race/ethnicity and transmission category, Ashtabula, Geauga, Lake Counties

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	50%	24	62%	13	39%	143	79%	5	56%	-	-
Injection drug use (IDU)	-	-	-	-	4	10%	6	18%	7	4%	1	11%	-	-
Male-to-male sexual contact and IDU	-	-	-	-	4	10%	3	9%	11	6%	1	11%	-	-
Heterosexual contact	-	-	-	-	2	5%	7	21%	4	2%	1	11%	-	-
Other/unknown	-	-	1	50%	5	13%	4	12%	15	8%	1	11%	1	100%
Subtotal	-	-	2	100%	39	100%	33	100%	180	100%	9	100%	1	100%
<b>Female adult or adolescent</b>														
Injection drug use	-	-	-	-	1	5%	1	10%	-	-	-	-	-	-
Heterosexual contact	-	-	-	-	18	82%	8	80%	33	94%	3	100%	-	-
Other/unknown	-	-	-	-	3	14%	1	10%	2	6%	-	-	-	-
Subtotal	-	-	-	-	22	100%	10	100%	35	100%	3	100%	-	-
<b>Child (&lt;13 yrs at diagnosis)</b>														
Perinatal	-	-	-	-	2	100%	1	50%	-	-	-	-	-	-
Other/unknown	-	-	-	-	-	-	1	50%	1	100%	-	-	-	-
Subtotal	-	-	-	-	2	100%	2	100%	1	100%	-	-	-	-
<b>Total</b>	-	-	2	-	63	-	45	-	216	-	12	-	1	-

Reported persons living with diagnosed HIV infection in 2017 by race/ethnicity and exposure category, Ashtabula, Geauga, Lake Counties

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%	23	37%	9	20%	135	63%	3	25%	-	-
Injection drug use (IDU) only	-	-	-	-	4	6%	3	7%	4	2%	-	-	-	-
Heterosexual contact only	-	-	-	-	20	32%	15	33%	37	17%	4	33%	-	-
MSM & IDU	-	-	-	-	2	3%	2	4%	11	5%	-	-	-	-
IDU & Heterosexual contact	-	-	-	-	1	2%	4	9%	3	1%	1	8%	-	-
MSM & Heterosexual contact	-	-	-	-	1	2%	4	9%	8	4%	2	17%	-	-
MSM & IDU & Heterosexual contact	-	-	-	-	2	3%	1	2%	-	-	1	8%	-	-
Perinatal exposure	-	-	-	-	2	3%	1	2%	-	-	-	-	-	-
Other/unknown	-	-	1	50%	8	13%	6	13%	18	8%	1	8%	1	100%
<b>Total</b>	-	-	2	-	63	-	45	-	216	-	12	-	1	-

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, Ashtabula, Geauga, Lake Counties, 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	99.6	208	77%	102.7	214	76%	107.1	223	77%	119.3	248	79%	128.2	267	79%
Females	28.4	61	23%	30.8	66	24%	31.8	68	23%	30.5	65	21%	33.7	72	21%
<b>Age at end of year</b>															
<13	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%
13-14	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
15-19	*	2	1%	*	2	1%	*	1	<1%	*	2	1%	*	-	-
20-24	*	4	1%	*	3	1%	20.8	5	2%	41.3	10	3%	54.0	13	4%
25-29	50.4	11	4%	54.6	12	4%	62.7	14	5%	82.9	19	6%	88.0	21	6%
30-34	69.6	16	6%	39.2	9	3%	70.6	16	5%	66.3	15	5%	84.3	19	6%
35-39	127.9	29	11%	123.6	28	10%	104.2	24	8%	81.7	19	6%	88.9	21	6%
40-44	102.9	28	10%	114.8	30	11%	139.7	35	12%	176.2	42	13%	172.6	40	12%
45-49	166.0	51	19%	174.6	52	19%	151.1	44	15%	145.8	42	13%	156.5	44	13%
50-54	176.1	60	22%	200.9	67	24%	194.4	63	22%	188.0	59	19%	196.3	60	18%
55-64	82.8	52	19%	94.1	60	21%	102.3	66	23%	118.4	77	25%	136.8	89	26%
65+	20.4	15	6%	21.2	16	6%	28.5	22	8%	34.2	27	9%	38.1	31	9%
<b>Race/Ethnicity<sup>b</sup></b>															
American Indian/Alaska Native	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
Asian/Pacific Islander	*	2	1%	*	2	1%	*	2	1%	*	2	1%	*	2	1%
Black/African-American, not Hispanic	361.1	47	17%	371.7	49	18%	380.6	51	18%	417.2	56	18%	443.2	63	19%
Hispanic/Latinx	285.1	39	14%	253.4	36	13%	251.1	37	13%	267.9	40	13%	291.0	45	13%
White, not Hispanic	45.0	174	65%	48.4	186	66%	50.4	193	66%	53.2	203	65%	56.7	216	64%
Multi-Race	103.9	6	2%	101.3	6	2%	115.4	7	2%	178.0	11	4%	186.6	12	4%
Unknown	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%
<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	*	2	1%	*	2	1%	*	2	1%	*	2	1%	*	2	1%
Asian/Pacific Islander Females	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
Black/African-American Males	400.7	28	10%	396.5	28	10%	418.1	30	10%	475.7	34	11%	536.5	40	12%
Black/African-American Females	315.1	19	7%	343.1	21	8%	337.3	21	7%	350.6	22	7%	340.3	23	7%
Hispanic/Latino Males	404.9	30	11%	352.4	27	10%	351.0	28	10%	372.2	30	10%	406.4	34	10%
Hispanic/Latina Females	143.6	9	3%	137.5	9	3%	133.1	9	3%	145.5	10	3%	155.0	11	3%
White Males	75.0	142	53%	80.1	151	54%	83.6	157	54%	91.8	172	55%	96.9	181	53%
White Females	16.2	32	12%	17.8	35	13%	18.4	36	12%	16.0	31	10%	18.1	35	10%
Multi-Race Males	171.1	5	2%	165.6	5	2%	161.0	5	2%	286.3	9	3%	275.2	9	3%
Multi-Race Females	*	1	<1%	*	1	<1%	*	2	1%	*	2	1%	*	3	1%
Unknown	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%
<b>Total</b>	<b>63.5</b>	<b>269</b>		<b>66.2</b>	<b>280</b>		<b>69.0</b>	<b>291</b>		<b>74.4</b>	<b>313</b>		<b>80.4</b>	<b>339</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, Ashtabula, Geauga, Lake Counties, 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	138	67%	145	68%	153	69%	171	70%	186	70%
Injection drug use (IDU)	13	6%	13	6%	12	5%	15	6%	18	7%
Male-to-male sexual contact and IDU	19	9%	18	8%	17	8%	17	7%	19	7%
Heterosexual contact	15	7%	16	8%	17	8%	14	6%	14	5%
Other/unknown	22	11%	21	10%	23	10%	29	12%	27	10%
Subtotal	207	100%	213	100%	222	100%	246	100%	264	100%
<b>Female adult or adolescent</b>										
Injection drug use	4	7%	3	5%	3	5%	3	5%	2	3%
Heterosexual contact	46	79%	52	83%	54	83%	53	85%	62	89%
Other/unknown	8	14%	8	13%	8	12%	6	10%	6	9%
Subtotal	58	100%	63	100%	65	100%	62	100%	70	100%
<b>Child (&lt;13 yrs at diagnosis)</b>										
Perinatal	3	75%	3	75%	3	75%	3	60%	3	60%
Other/unknown	1	25%	1	25%	1	25%	2	40%	2	40%
Subtotal	4	100%	4	100%	4	100%	5	100%	5	100%
<b>Total</b>	<b>269</b>		<b>280</b>		<b>291</b>		<b>313</b>		<b>339</b>	

**Trends in reported persons living with diagnosed HIV infection by year of diagnosis and exposure category, Ashtabula, Geauga, Lake Counties, 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	124	46%	133	48%	141	48%	159	51%	171	50%
Injection drug use (IDU) only	9	3%	9	3%	8	3%	10	3%	11	3%
Heterosexual contact only	61	23%	68	24%	71	24%	67	21%	76	22%
MSM & IDU	15	6%	14	5%	13	4%	13	4%	15	4%
IDU & Heterosexual contact	8	3%	7	3%	7	2%	8	3%	9	3%
MSM & Heterosexual contact	14	5%	12	4%	12	4%	12	4%	15	4%
MSM & IDU & Heterosexual contact	4	1%	4	1%	4	1%	4	1%	4	1%
Perinatal exposure	3	1%	3	1%	3	1%	3	1%	3	1%
Other/unknown	31	12%	30	11%	32	11%	37	12%	35	10%
<b>Total</b>	<b>269</b>		<b>280</b>		<b>291</b>		<b>313</b>		<b>339</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.