

New Diagnoses of HIV Infection Reported in Cuyahoga County

*Please note a decrease in new reported diagnoses of HIV in 2020 may not represent a true decline, and may be a reporting artifact as a result of COVID-19.

As of June 30, 2024

Reported new diagnoses of HIV infection in 2023 by disease status and selected characteristics, Cuyahoga County

Characteristic	2023 diagnosis of HIV infection			Disease Status					
	Rate ^a	No.	%	HIV (not AIDS)		HIV & later AIDS		AIDS	
				No.	%	No.	%	No.	%
Sex at birth									
Males	20.1	119	82%	96	81%	21	91%	2	67%
Females	4.1	26	18%	23	19%	2	9%	1	33%
Age at diagnosis (years)									
0-9	*	-	-	-	-	-	-	-	-
10-14	*	-	-	-	-	-	-	-	-
15-19	11.0	8	6%	7	6%	1	4%	-	-
20-24	49.1	36	25%	32	27%	3	13%	1	33%
25-29	36.4	31	21%	25	21%	6	26%	-	-
30-34	19.7	18	12%	14	12%	4	17%	-	-
35-39	17.5	14	10%	10	8%	4	17%	-	-
40-44	14.6	11	8%	10	8%	1	4%	-	-
45-49	13.5	9	6%	7	6%	2	9%	-	-
50-54	10.9	8	6%	7	6%	1	4%	-	-
55-64	4.3	7	5%	6	5%	-	-	1	33%
65+	*	3	2%	1	1%	1	4%	1	33%
Race/Ethnicity ^b									
American Indian/Alaska Native	*	-	-	-	-	-	-	-	-
Asian/Pacific Islander	*	-	-	-	-	-	-	-	-
Black/African American	24.8	90	62%	72	61%	15	65%	3	100%
Hispanic/Latino	17.0	15	10%	12	10%	3	13%	-	-
White	4.8	34	23%	29	24%	5	22%	-	-
Multi-Race	20.9	6	4%	6	5%	-	-	-	-
Race/Ethnicity ^b and Sex at birth									
American Indian/Alaska Native Males	*	-	-	-	-	-	-	-	-
American Indian/Alaska Native Females	*	-	-	-	-	-	-	-	-
Asian/Pacific Islander Males	*	-	-	-	-	-	-	-	-
Asian/Pacific Islander Females	*	-	-	-	-	-	-	-	-
Black/African American Males	43.7	72	50%	56	47%	14	61%	2	67%
Black/African American Females	9.1	18	12%	16	13%	1	4%	1	33%
Hispanic/Latino Males	32.2	14	10%	11	9%	3	13%	-	-
Hispanic/Latina Females	*	1	1%	1	1%	-	-	-	-
White Males	7.8	27	19%	23	19%	4	17%	-	-
White Females	1.9	7	5%	6	5%	1	4%	-	-
Multi-Race Males	42.8	6	4%	6	5%	-	-	-	-
Multi-Race Females	*	-	-	-	-	-	-	-	-
Total	11.8	145		119		23		3	

Notes:

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

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

^aThe rate is the number of persons with a reported diagnosis of HIV infection per 100,000 population calculated using 2023 U.S. Census estimates.

^b Hispanics/Latinos 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 Surveillance Program. Data reported through June 30, 2024.

Reported new diagnoses of HIV infection in 2023 by disease status and transmission category, Cuyahoga County

Transmission Category ^a	2023 diagnosis of HIV infection		Disease Status					
			HIV (not AIDS)		HIV & later AIDS		AIDS	
	No.	%	No.	%	No.	%	No.	%
Male adult or adolescent								
Male-to-male sexual contact	86	72%	72	75%	12	57%	2	100%
Injection drug use (IDU)	-	-	-	-	-	-	-	-
Male-to-male sexual contact and IDU	1	1%	1	1%	-	-	-	-
Heterosexual contact	8	7%	5	5%	3	14%	-	-
Other/unknown	24	20%	18	19%	6	29%	-	-
Subtotal	119	100%	96	100%	21	100%	2	100%
Female adult or adolescent								
Injection drug use	3	12%	3	13%	-	-	-	-
Heterosexual contact	21	81%	18	78%	2	100%	1	100%
Other/unknown	2	8%	2	9%	-	-	-	-
Subtotal	26	100%	23	100%	2	100%	1	100%
Child (<13 years at diagnosis)								
Perinatal	-	-	-	-	-	-	-	-
Other/unknown	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-
Total	145		119		23		3	

Reported new diagnoses of HIV infection in 2023 by disease status and exposure category, Cuyahoga County

Exposure Category ^b	2023 diagnosis of HIV infection		Disease Status					
			HIV (not AIDS)		HIV & later AIDS		AIDS	
	No.	%	No.	%	No.	%	No.	%
Male-to-male sexual contact only	69	48%	56	47%	11	48%	2	67%
Injection drug use (IDU) only	1	1%	1	1%	-	-	-	-
Heterosexual contact only	40	28%	29	24%	10	43%	1	33%
Male-to-male sexual contact & IDU	-	-	-	-	-	-	-	-
IDU & Heterosexual contact	2	1%	2	2%	-	-	-	-
Male-to-male sexual contact & Heterosexual contact	17	12%	16	13%	1	4%	-	-
Male-to-male sexual contact & IDU & Heterosexual contact	1	1%	1	1%	-	-	-	-
Perinatal exposure	-	-	-	-	-	-	-	-
Other/unknown	15	10%	14	12%	1	4%	-	-
Total	145		119		23		3	

Notes:
 Reported new diagnoses of HIV infection include persons with a diagnosis of HIV (not AIDS), a diagnosis of HIV and an AIDS diagnosis within 12 months (HIV & later AIDS), and concurrent diagnoses of HIV and AIDS (AIDS) who were residents of Ohio at time of initial diagnosis.
 Dash (-) indicates no cases were reported for the given category.
^a Transmission categories are mutually exclusive, hierarchical risk categories determined by the CDC and system-calculated using sex at birth and risk factor history to determine mode of transmission. A person with multiple risks is only represented in the highest category based on the CDC hierarchical algorithm. Thus, transgender women are included in the male-to-male sexual contact transmission category if assigned male at birth and risk factor history indicates sex with males. Please note this is for the categorization of HIV transmission categories only and not to describe sexual orientation.
^b Exposure categories are mutually exclusive risk categories. All possible combinations of risks are represented among exposure categories. A person with multiple risks is represented in the exposure category identifying all the reported ways in which that person may have been exposed to HIV.
 Source: Ohio Department of Health, HIV Surveillance Program. Data reported through June 30, 2024.

Reported new diagnoses of HIV infection in 2023 by race/ethnicity and age at diagnosis, Cuyahoga County

2023 diagnosis of HIV infection																		
Age at diagnosis (years)	American Indian/Alaska Native			Asian/Pacific Islander			Black/African American			Hispanic/ Latino ^a			White			Multi-Race		
	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%
0-9	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
10-14	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
15-19	*	-	-	*	-	-	28.2	7	8%	*	-	-	*	1	3%	*	-	-
20-24	*	-	-	*	-	-	120.0	28	31%	*	4	27%	*	2	6%	*	2	33%
25-29	*	-	-	*	-	-	77.7	20	22%	*	3	20%	15.1	7	21%	*	1	17%
30-34	*	-	-	*	-	-	31.5	9	10%	*	2	13%	12.1	6	18%	*	1	17%
35-39	*	-	-	*	-	-	36.8	8	9%	*	2	13%	*	4	12%	*	-	-
40-44	*	-	-	*	-	-	*	4	4%	*	1	7%	11.6	5	15%	*	1	17%
45-49	*	-	-	*	-	-	27.0	5	6%	*	2	13%	*	2	6%	*	-	-
50-54	*	-	-	*	-	-	*	4	4%	*	-	-	*	4	12%	*	-	-
55-64	*	-	-	*	-	-	*	4	4%	*	1	7%	*	2	6%	*	-	-
65+	*	-	-	*	-	-	*	1	1%	*	-	-	*	1	3%	*	1	17%
Total	*	-	-	*	-	-	24.8	90		17.0	15		4.8	34		20.9	6	

Reported new diagnoses of HIV infection in 2023 by race/ethnicity and transmission category, Cuyahoga County

Transmission Category ^c	2023 diagnosis of HIV infection											
	American Indian/Alaska Native		Asian/Pacific Islander		Black/African American		Hispanic/Latino ^a		White		Multi-Race	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male adult or adolescent												
Male-to-male sexual contact	-	-	-	-	50	69%	12	86%	19	70%	5	83%
Injection drug use (IDU)	-	-	-	-	-	-	-	-	-	-	-	-
Male-to-male sexual contact and IDU	-	-	-	-	-	-	1	7%	-	-	-	-
Heterosexual contact	-	-	-	-	6	8%	-	-	2	7%	-	-
Other/unknown	-	-	-	-	16	22%	1	7%	6	22%	1	17%
Subtotal	-	-	-	-	72	100%	14	100%	27	100%	6	100%
Female adult or adolescent												
Injection drug use	-	-	-	-	1	6%	-	-	2	29%	-	-
Heterosexual contact	-	-	-	-	15	83%	1	100%	5	71%	-	-
Other/unknown	-	-	-	-	2	11%	-	-	-	-	-	-
Subtotal	-	-	-	-	18	100%	1	100%	7	100%	-	-
Child (<13 years at diagnosis)												
Perinatal	-	-	-	-	-	-	-	-	-	-	-	-
Other/unknown	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	90		15		34		6	

Reported new diagnoses of HIV infection in 2023 by race/ethnicity and exposure category, Cuyahoga County

2023 diagnosis of HIV infection												
Exposure Category ^d	American Indian/Alaska Native		Asian/Pacific Islander		Black/African American		Hispanic/Latino ^a		White		Multi-Race	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male-to-male sexual contact only	-	-	-	-	39	43%	10	67%	16	47%	4	67%
Injection drug use (IDU) only	-	-	-	-	-	-	-	-	1	3%	-	-
Heterosexual contact only	-	-	-	-	28	31%	2	13%	9	26%	1	17%
Male-to-male sexual contact & IDU	-	-	-	-	-	-	-	-	-	-	-	-
IDU & Heterosexual contact	-	-	-	-	1	1%	-	-	1	3%	-	-
Male-to-male sexual contact & Heterosexual contact	-	-	-	-	11	12%	2	13%	3	9%	1	17%
Male-to-male sexual contact & IDU & Heterosexual contact	-	-	-	-	-	-	1	7%	-	-	-	-
Perinatal exposure	-	-	-	-	-	-	-	-	-	-	-	-
Other/unknown	-	-	-	-	11	12%	-	-	4	12%	-	-
Total	-	-	-	-	90		15		34		6	

Notes:

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

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

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

^b The rate is the number of persons with a reported diagnosis of HIV infection per 100,000 population calculated using 2023 U.S. Census estimates.

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

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

Source: Ohio Department of Health, HIV Surveillance Program. Data reported through June 30, 2024.

Trends in reported new diagnoses of HIV infection by year of diagnosis (2019-2023) and cumulative diagnoses by selected characteristics, Cuyahoga County

Diagnoses of HIV Infection by Year																	
Characteristic	2019			2020			2021			2022			2023			Cumulative Diagnoses	
	Rate ^a	No.	%	Rate ^a	No.	%	Rate ^a	No.	%	Rate ^a	No.	%	Rate ^a	No.	%	No.	%
Sex at birth																	
Males	23.4	138	86%	27.5	161	88%	23.8	143	87%	16.5	98	81%	20.1	119	82%	6,976	82%
Females	3.4	22	14%	3.4	22	12%	3.4	22	13%	3.6	23	19%	4.1	26	18%	1,565	18%
Age at diagnosis (years)																	
0-9	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	76	1%
10-14	*	-	-	*	-	-	*	1	1%	*	-	-	*	-	-	19	<1%
15-19	11.0	8	5%	14.0	10	5%	20.3	15	9%	*	3	2%	11.0	8	6%	331	4%
20-24	48.1	37	23%	57.9	44	24%	56.4	43	26%	28.5	22	18%	49.1	36	25%	1,181	14%
25-29	38.5	36	23%	40.1	37	20%	30.1	27	16%	26.4	23	19%	36.4	31	21%	1,514	18%
30-34	31.0	26	16%	32.6	28	15%	34.7	31	19%	17.7	16	13%	19.7	18	12%	1,524	18%
35-39	17.1	13	8%	19.7	15	8%	22.8	18	11%	19.0	15	12%	17.5	14	10%	1,340	16%
40-44	13.3	9	6%	20.4	14	8%	9.6	7	4%	12.2	9	7%	14.6	11	8%	964	11%
45-49	16.7	12	8%	13.1	9	5%	13.2	9	5%	13.6	9	7%	13.5	9	6%	691	8%
50-54	9.1	7	4%	14.6	11	6%	*	3	2%	17.2	13	11%	10.9	8	6%	432	5%
55-64	4.0	7	4%	7.0	12	7%	6.3	11	7%	5.4	9	7%	4.3	7	5%	370	4%
65+	2.2	5	3%	*	3	2%	*	-	-	*	2	2%	*	3	2%	99	1%
Race/Ethnicity ^b																	
American Indian/Alaska Native	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	6	<1%
Asian/Pacific Islander	*	1	1%	*	2	1%	*	-	-	*	1	1%	*	-	-	26	<1%
Black/African American	29.5	108	68%	34.1	124	68%	34.1	126	76%	19.2	70	58%	24.8	90	62%	4,836	57%
Hispanic/Latino	19.4	15	9%	13.8	11	6%	12.1	10	6%	16.5	14	12%	17.0	15	10%	739	9%
White	4.3	31	19%	5.6	40	22%	3.0	22	13%	4.6	33	27%	4.8	34	23%	2,614	31%
Multi-Race	20.2	5	3%	23.2	6	3%	25.8	7	4%	*	3	2%	20.9	6	4%	299	4%
Unknown	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	21	<1%
Race/Ethnicity ^b and Sex at birth																	
American Indian/Alaska Native Males	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	3	<1%
American Indian/Alaska Native Females	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	3	<1%
Asian/Pacific Islander Males	*	1	1%	*	2	1%	*	-	-	*	1	1%	*	-	-	22	<1%
Asian/Pacific Islander Females	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	4	<1%
Black/African American Males	54.6	91	57%	67.6	112	61%	65.6	111	67%	34.8	58	48%	43.7	72	50%	3,785	44%
Black/African American Females	8.5	17	11%	6.0	12	7%	7.5	15	9%	6.1	12	10%	9.1	18	12%	1,051	12%
Hispanic/Latino Males	34.0	13	8%	25.6	10	5%	22.0	9	5%	26.2	11	9%	32.2	14	10%	557	7%
Hispanic/Latina Females	*	2	1%	*	1	1%	*	1	1%	*	3	2%	*	1	1%	182	2%
White Males	8.0	28	18%	9.5	33	18%	5.1	18	11%	7.1	25	21%	7.8	27	19%	2,350	28%
White Females	*	3	2%	1.9	7	4%	*	4	2%	2.2	8	7%	1.9	7	5%	264	3%
Multi-Race Males	41.6	5	3%	*	4	2%	37.8	5	3%	*	3	2%	42.8	6	4%	243	3%
Multi-Race Females	*	-	-	*	2	1%	*	2	1%	*	-	-	*	-	-	56	1%
Unknown	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	21	<1%
Total	13.0	160		14.9	183		13.2	165		9.8	121		11.8	145		8,541	

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 (2019-2023) 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 2023.

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

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

^b Hispanics/Latinos 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 Surveillance Program. Data reported through June 30, 2024.

Trends in reported new diagnoses of HIV infection by year of diagnosis (2019-2023) and cumulative diagnoses by transmission category, Cuyahoga County

Transmission Category ^a	Diagnoses of HIV Infection by Year										Cumulative Diagnoses	
	2019		2020		2021		2022		2023			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male adult or adolescent												
Male-to-male sexual contact	90	65%	85	53%	96	67%	56	57%	86	72%	4,680	67%
Injection drug use (IDU)	2	1%	3	2%	1	1%	2	2%	-	-	460	7%
Male-to-male sexual contact and IDU	7	5%	1	1%	7	5%	5	5%	1	1%	420	6%
Heterosexual contact	6	4%	3	2%	3	2%	5	5%	8	7%	365	5%
Other/unknown	33	24%	69	43%	36	25%	30	31%	24	20%	1,012	15%
Subtotal	138	100%	161	100%	143	100%	98	100%	119	100%	6,937	100%
Female adult or adolescent												
Injection drug use	4	18%	1	5%	-	-	-	-	3	12%	265	17%
Heterosexual contact	14	64%	10	45%	16	73%	18	78%	21	81%	1,120	74%
Other/unknown	4	18%	11	50%	6	27%	5	22%	2	8%	136	9%
Subtotal	22	100%	22	100%	22	100%	23	100%	26	100%	1,521	100%
Child (<13 years at diagnosis)												
Perinatal	-	-	-	-	-	-	-	-	-	-	73	88%
Other/unknown	-	-	-	-	-	-	-	-	-	-	10	12%
Subtotal	-	-	-	-	-	-	-	-	-	-	83	100%
Total	160		183		165		121		145		8,541	

Trends in reported diagnoses of HIV infection by year of diagnosis (2019-2023) and cumulative diagnoses by exposure category, Cuyahoga County

Exposure Category ^b	Diagnoses of HIV Infection by Year										Cumulative Diagnoses	
	2019		2020		2021		2022		2023			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male-to-male sexual contact only	70	44%	67	37%	76	46%	44	36%	69	48%	3,267	38%
Injection drug use (IDU) only	-	-	1	1%	-	-	2	2%	1	1%	122	1%
Heterosexual contact only	35	22%	28	15%	33	20%	42	35%	40	28%	1,953	23%
Male-to-male sexual contact & IDU	5	3%	1	1%	5	3%	4	3%	-	-	214	3%
IDU & Heterosexual contact	6	4%	3	2%	1	1%	-	-	2	1%	603	7%
Male-to-male sexual contact & Heterosexual contact	20	13%	18	10%	20	12%	12	10%	17	12%	1,410	17%
Male-to-male sexual contact & IDU & Heterosexual contact	2	1%	-	-	2	1%	1	1%	1	1%	206	2%
Perinatal exposure	-	-	-	-	-	-	-	-	-	-	76	1%
Other/unknown	22	14%	65	36%	28	17%	16	13%	15	10%	690	8%
Total	160		183		165		121		145		8,541	

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 (2019-2023) 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 2023.
Dash (-) indicates no cases were reported for the given category.

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

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

Source: Ohio Department of Health, HIV Surveillance Program. Data reported through June 30, 2024.

Persons Living with Diagnosed HIV Infection Reported in Cuyahoga County

As of June 30, 2024

Reported persons living with diagnosed HIV infection in 2023 by current disease status and selected characteristics, Cuyahoga County

Characteristic	Living with diagnosed HIV infection in			Current Disease Status			
	2023			HIV (not AIDS)		AIDS	
	Rate ^a	No.	%	No.	%	No.	%
Sex at birth							
Males	686.0	4,055	80%	2,227	81%	1,828	79%
Females	161.2	1,035	20%	538	19%	497	21%
Age at end of year (years)							
0-9	*	-	-	-	-	-	-
10-14	*	2	<1%	2	<1%	-	-
15-19	26.1	19	<1%	16	1%	3	<1%
20-24	196.5	144	3%	124	4%	20	1%
25-29	383.5	327	6%	256	9%	71	3%
30-34	624.9	570	11%	402	15%	168	7%
35-39	589.0	470	9%	307	11%	163	7%
40-44	609.6	458	9%	273	10%	185	8%
45-49	638.1	425	8%	236	9%	189	8%
50-54	749.3	551	11%	265	10%	286	12%
55-64	846.4	1,376	27%	580	21%	796	34%
65+	302.4	748	15%	304	11%	444	19%
Race/Ethnicity^b							
American Indian/Alaska Native	*	1	<1%	-	-	1	<1%
Asian/Pacific Islander	48.5	21	<1%	16	1%	5	<1%
Black/African American	804.8	2,919	57%	1,612	58%	1,307	56%
Hispanic/Latino	699.3	618	12%	313	11%	305	13%
White	178.4	1,263	25%	680	25%	583	25%
Multi-Race	883.9	254	5%	130	5%	124	5%
Unknown	*	14	<1%	14	1%	-	-
Race/Ethnicity^b and Sex at birth							
American Indian/Alaska Native Males	*	-	-	-	-	-	-
American Indian/Alaska Native Females	*	1	<1%	-	-	1	<1%
Asian/Pacific Islander Males	76.8	16	<1%	13	<1%	3	<1%
Asian/Pacific Islander Females	22.3	5	<1%	3	<1%	2	<1%
Black/African American Males	1,355.9	2,235	44%	1,247	45%	988	42%
Black/African American Females	345.7	684	13%	365	13%	319	14%
Hispanic/Latino Males	1,066.6	464	9%	252	9%	212	9%
Hispanic/Latina Females	343.2	154	3%	61	2%	93	4%
White Males	323.9	1,124	22%	596	22%	528	23%
White Females	38.5	139	3%	84	3%	55	2%
Multi-Race Males	1,469.3	206	4%	109	4%	97	4%
Multi-Race Females	326.2	48	1%	21	1%	27	1%
Unknown	*	14	<1%	14	1%	-	-
Total	412.8	5,090		2,765		2,325	

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, 2023. Persons living with diagnosed HIV infection represent persons living in Ohio as of December 31, 2023, 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.

^aThe rate is the number of persons living with diagnosed HIV infection per 100,000 population calculated using 2023 U.S. Census estimates.

^b Hispanics/Latinos 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 Surveillance Program. Data reported through June 30, 2024.

Reported persons living with diagnosed HIV infection in 2023 by current disease status and transmission category, Cuyahoga County

Transmission Category ^a	Living with diagnosed HIV infection in		Current Disease Status			
	2023		HIV (not AIDS)		AIDS	
	No.	%	No.	%	No.	%
Male adult or adolescent						
Male-to-male sexual contact	2,775	69%	1,550	70%	1,225	67%
Injection drug use (IDU)	141	3%	47	2%	94	5%
Male-to-male sexual contact and IDU	194	5%	77	3%	117	6%
Heterosexual contact	240	6%	116	5%	124	7%
Other/unknown	680	17%	424	19%	256	14%
Subtotal	4,030	100%	2,214	100%	1,816	100%
Female adult or adolescent						
Injection drug use	114	11%	37	7%	77	16%
Heterosexual contact	789	78%	405	77%	384	80%
Other/unknown	103	10%	81	15%	22	5%
Subtotal	1,006	100%	523	100%	483	100%
Child (<13 years at diagnosis)						
Perinatal	48	89%	23	82%	25	96%
Other/unknown	6	11%	5	18%	1	4%
Subtotal	54	100%	28	100%	26	100%
Total	5,090		2,765		2,325	

Reported persons living with diagnosed HIV infection in 2023 by current disease status and exposure category, Cuyahoga County

Exposure Category ^b	Living with diagnosed HIV infection in		Current Disease Status			
	2023		HIV (not AIDS)		AIDS	
	No.	%	No.	%	No.	%
Male-to-male sexual contact only	2,024	40%	1,219	44%	805	35%
Injection drug use (IDU) only	38	1%	16	1%	22	1%
Heterosexual contact only	1,344	26%	673	24%	671	29%
Male-to-male sexual contact & IDU	100	2%	43	2%	57	2%
IDU & Heterosexual contact	217	4%	68	2%	149	6%
Male-to-male sexual contact & Heterosexual contact	751	15%	331	12%	420	18%
Male-to-male sexual contact & IDU & Heterosexual contact	94	2%	34	1%	60	3%
Perinatal exposure	50	1%	25	1%	25	1%
Other/unknown	472	9%	356	13%	116	5%
Total	5,090		2,765		2,325	

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, 2023. Persons living with diagnosed HIV infection represent persons living in Ohio as of December 31, 2023, regardless of whether the person was a resident of Ohio at time of initial HIV and/or AIDS diagnosis.

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

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

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

Source: Ohio Department of Health, HIV Surveillance Program. Data reported through June 30, 2024.

Reported persons living with diagnosed HIV infection in 2023 by race/ethnicity and age, Cuyahoga County

Living with diagnosed HIV infection in 2023																		
Age at end of year (years)	American Indian/Alaska Native			Asian/Pacific Islander			Black/African American			Hispanic/ Latino ^a			White			Multi-Race		
	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%	Rate ^b	No.	%
0-9	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
10-14	*	-	-	*	-	-	*	2	<1%	*	-	-	*	-	-	*	-	-
15-19	*	-	-	*	-	-	56.4	14	<1%	*	3	<1%	*	2	<1%	*	-	-
20-24	*	-	-	*	1	5%	497.2	116	4%	176.9	13	2%	24.5	9	1%	190.7	5	2%
25-29	*	-	-	*	1	5%	932.1	240	8%	589.2	42	7%	58.1	27	2%	658.7	17	7%
30-34	*	-	-	*	4	19%	1,426.1	408	14%	893.2	65	11%	123.5	61	5%	1,571.7	32	13%
35-39	*	-	-	*	4	19%	1,351.2	294	10%	759.9	52	8%	198.9	91	7%	2,043.7	29	11%
40-44	*	-	-	*	1	5%	1,301.7	273	9%	747.7	47	8%	264.3	114	9%	2,031.8	23	9%
45-49	*	-	-	*	2	10%	1,069.6	198	7%	1,376.8	71	11%	321.0	124	10%	3,102.4	30	12%
50-54	*	-	-	*	2	10%	1,380.6	292	10%	1,672.9	76	12%	342.6	151	12%	2,820.0	26	10%
55-64	*	1	100%	*	3	14%	1,548.9	683	23%	2,342.1	171	28%	422.5	445	35%	4,669.0	67	26%
65+	*	-	-	*	3	14%	654.3	399	14%	1,063.0	78	13%	139.3	239	19%	1,701.8	25	10%
Total	*	1		48.5	21		804.8	2,919		699.3	618		178.4	1,263		883.9	254	14

Reported persons living with diagnosed HIV infection in 2023 by race/ethnicity and transmission category, Cuyahoga County

Living with diagnosed HIV infection in 2023												
Transmission Category ^c	American Indian/Alaska Native		Asian/Pacific Islander		Black/African American		Hispanic/ Latino ^a		White		Multi-Race	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male adult or adolescent												
Male-to-male sexual contact	-	-	9	60%	1,459	66%	297	65%	865	77%	145	70%
Injection drug use (IDU)	-	-	-	-	57	3%	54	12%	24	2%	6	3%
Male-to-male sexual contact and IDU	-	-	-	-	82	4%	20	4%	76	7%	16	8%
Heterosexual contact	-	-	1	7%	170	8%	27	6%	30	3%	12	6%
Other/unknown	-	-	5	33%	450	20%	61	13%	127	11%	27	13%
Subtotal	-	-	15	100%	2,218	100%	459	100%	1,122	100%	206	100%
Female adult or adolescent												
Injection drug use	-	-	-	-	56	8%	23	16%	26	19%	9	20%
Heterosexual contact	1	100%	5	100%	541	81%	117	79%	93	68%	32	70%
Other/unknown	-	-	-	-	68	10%	8	5%	18	13%	5	11%
Subtotal	1	100%	5	100%	665	100%	148	100%	137	100%	46	100%
Child (<13 years at diagnosis)												
Perinatal	-	-	-	-	33	92%	11	100%	3	75%	1	50%
Other/unknown	-	-	1	100%	3	8%	-	-	1	25%	1	50%
Subtotal	-	-	1	100%	36	100%	11	100%	4	100%	2	100%
Total	1		21		2,919		618		1,263		254	14

Reported persons living with diagnosed HIV infection in 2023 by race/ethnicity and exposure category, Cuyahoga County

Living with diagnosed HIV infection in 2023												
Exposure Category ^d	American Indian/Alaska Native		Asian/Pacific Islander		Black/African American		Hispanic/ Latino ^a		White		Multi-Race	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male-to-male sexual contact only	-	-	4	19%	985	34%	227	37%	707	56%	101	40%
Injection drug use (IDU) only	-	-	-	-	16	1%	12	2%	8	1%	2	1%
Heterosexual contact only	1	100%	7	33%	942	32%	170	28%	164	13%	60	24%
Male-to-male sexual contact & IDU	-	-	-	-	24	1%	10	2%	55	4%	11	4%
IDU & Heterosexual contact	-	-	-	-	97	3%	65	11%	42	3%	13	5%
Male-to-male sexual contact & Heterosexual contact	-	-	5	24%	474	16%	70	11%	158	13%	44	17%
Male-to-male sexual contact & IDU & Heterosexual contact	-	-	-	-	58	2%	10	2%	21	2%	5	2%
Perinatal exposure	-	-	-	-	35	1%	11	2%	3	0%	1	0%
Other/unknown	-	-	5	24%	288	10%	43	7%	105	8%	17	7%
Total	1		21		2,919		618		1,263		254	14

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, 2023. Persons living with diagnosed HIV infection represent persons living in Ohio as of December 31, 2023, regardless of whether the person was a resident of Ohio at time of initial HIV and/or AIDS diagnosis.
Asterisk (*) indicates rate not calculated for case count <5 due to unstable rates. Dash (-) indicates no cases were reported for the given category.
^a Hispanics/Latinos may be of any race. Persons with a race of American Indian/Alaska Native, Asian/Pacific Islander, Black/African American, White, or Multi-Race are not-Hispanic. Asian/Pacific Islander includes Native Hawaiians.
^b The rate is the number of persons living with diagnosed HIV infection per 100,000 population calculated using U.S. Census estimates for that year.
^c Transmission categories are mutually exclusive, hierarchical risk categories determined by the CDC and system-calculated using sex at birth and risk factor history to determine mode of transmission. A person with multiple risks is only represented in the highest category based on the CDC hierarchical algorithm. Thus, transgender women are included in the male-to-male sexual contact transmission category if assigned male at birth and risk factor history indicates sex with males. Please note this is for the categorization of HIV transmission categories only and not to describe sexual orientation.
^d Exposure categories are mutually exclusive risk categories. All possible combinations of risks are represented among exposure categories. A person with multiple risks is represented in the exposure category identifying all the reported ways in which that person may have been exposed to HIV.
Source: Ohio Department of Health, HIV Surveillance Program. Data reported through June 30, 2024.

Trends in reported persons living with diagnosed HIV infection by year of diagnosis and selected characteristics, Cuyahoga County, 2019-2023

Characteristic	Living with Diagnosed HIV Infection														
	2019			2020			2021			2022			2023		
	Rate ^a	No.	%	Rate ^a	No.	%	Rate ^a	No.	%	Rate ^a	No.	%	Rate ^a	No.	%
Sex at birth															
Males	676.3	3,983	80%	695.2	4,072	80%	691.0	4,145	80%	691.9	4,113	80%	686.0	4,055	80%
Females	158.2	1,022	20%	160.5	1,031	20%	156.6	1,017	20%	158.1	1,014	20%	161.2	1,035	20%
Age at end of year (years)															
0-9	*	2	<1%	*	1	<1%	*	1	<1%	*	-	-	*	-	-
10-14	9.9	7	<1%	10.1	7	<1%	*	4	<1%	*	1	<1%	*	2	<1%
15-19	27.5	20	<1%	30.8	22	<1%	33.8	25	<1%	25.3	18	<1%	26.1	19	<1%
20-24	220.9	170	3%	215.7	164	3%	230.7	176	3%	206.2	159	3%	196.5	144	3%
25-29	468.7	438	9%	475.5	439	9%	432.5	388	8%	391.7	341	7%	383.5	327	6%
30-34	550.2	461	9%	596.6	513	10%	627.7	560	11%	625.5	565	11%	624.9	570	11%
35-39	582.4	443	9%	567.0	431	8%	552.8	437	8%	555.7	438	9%	589.0	470	9%
40-44	614.5	416	8%	653.3	449	9%	657.1	480	9%	662.3	489	10%	609.6	458	9%
45-49	733.6	526	11%	662.9	456	9%	641.5	437	8%	614.2	407	8%	638.1	425	8%
50-54	942.5	724	14%	932.7	701	14%	856.0	662	13%	813.7	615	12%	749.3	551	11%
55-64	744.4	1,304	26%	793.0	1,360	27%	790.7	1,371	27%	838.5	1,402	27%	846.4	1,376	27%
65+	214.6	494	10%	238.9	560	11%	261.4	621	12%	285.3	692	13%	302.4	748	15%
Race/Ethnicity^b															
American Indian/Alaska Native	*	2	<1%	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%
Asian/Pacific Islander	41.4	17	<1%	45.7	19	<1%	46.5	20	<1%	48.6	21	<1%	48.5	21	<1%
Black/African American	761.0	2,788	56%	792.0	2,884	57%	804.0	2,973	58%	801.4	2,922	57%	804.8	2,919	57%
Hispanic/Latino	783.5	606	12%	748.7	595	12%	716.2	594	12%	716.7	608	12%	699.3	618	12%
White	179.1	1,296	26%	183.1	1,309	26%	179.7	1,302	25%	182.8	1,304	25%	178.4	1,263	25%
Multi-Race	1,139.3	282	6%	1,084.4	281	6%	950.1	258	5%	915.4	257	5%	883.9	254	5%
Unknown	*	14	<1%	*	14	<1%	*	14	<1%	*	14	<1%	*	14	<1%
Race/Ethnicity^b and Sex at birth															
American Indian/Alaska Native Males	*	1	<1%	*	-	-	*	-	-	*	-	-	*	-	-
American Indian/Alaska Native Females	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%
Asian/Pacific Islander Males	65.5	13	<1%	74.4	15	<1%	76.6	16	<1%	80.8	17	<1%	76.8	16	<1%
Asian/Pacific Islander Females	*	4	<1%	*	4	<1%	*	4	<1%	*	4	<1%	22.3	5	<1%
Black/African American Males	1,276.0	2,126	42%	1,333.1	2,208	43%	1,359.0	2,298	45%	1,356.2	2,261	44%	1,355.9	2,235	44%
Black/African American Females	331.4	662	13%	340.5	676	13%	336.4	675	13%	334.0	661	13%	345.7	684	13%
Hispanic/Latino Males	1,162.5	444	9%	1,116.4	436	9%	1,069.8	438	8%	1,073.6	450	9%	1,066.6	464	9%
Hispanic/Latina Females	413.8	162	3%	393.4	159	3%	371.4	156	3%	368.2	158	3%	343.2	154	3%
White Males	330.4	1,161	23%	337.9	1,174	23%	330.3	1,172	23%	333.8	1,169	23%	323.9	1,124	22%
White Females	36.3	135	3%	36.7	135	3%	35.1	130	3%	37.2	135	3%	38.5	139	3%
Multi-Race Males	1,898.3	228	5%	1,823.7	229	4%	1,597.0	211	4%	1,501.0	206	4%	1,469.3	206	4%
Multi-Race Females	423.8	54	1%	389.3	52	1%	337.1	47	1%	355.4	51	1%	326.2	48	1%
Unknown	*	14	<1%	*	14	<1%	*	14	<1%	*	14	<1%	*	14	<1%
Total	405.2	5,005		415.6	5,103		413.2	5,162		414.8	5,127		412.8	5,090	

Notes:

Living with diagnosed HIV infection by year (2019-2023) represents all persons ever diagnosed and reported with HIV and/or AIDS who have not been reported as having died as of December 31 of the corresponding year. Persons living with diagnosed HIV infection represent persons living in Ohio as of December 31 of the corresponding year, regardless of whether the person was a resident of Ohio at time of initial HIV and/or AIDS diagnosis.

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

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

^b Hispanics/Latinos 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 Surveillance Program. Data reported through June 30, 2024.

Trends in reported persons living with diagnosed HIV infection by year of diagnosis and transmission category, Cuyahoga County, 2019-2023

Living with Diagnosed HIV Infection										
Transmission Category ^a	2019		2020		2021		2022		2023	
	No.	%	No.	%	No.	%	No.	%	No.	%
Male adult or adolescent										
Male-to-male sexual contact	2,751	69%	2,784	69%	2,845	69%	2,805	69%	2,775	69%
Injection drug use (IDU)	162	4%	161	4%	150	4%	151	4%	141	3%
Male-to-male sexual contact and IDU	212	5%	217	5%	211	5%	211	5%	194	5%
Heterosexual contact	255	6%	251	6%	249	6%	249	6%	240	6%
Other/unknown	580	15%	637	16%	667	16%	674	16%	680	17%
Subtotal	3,960	100%	4,050	100%	4,122	100%	4,090	100%	4,030	100%
Female adult or adolescent										
Injection drug use	138	14%	138	14%	126	13%	121	12%	114	11%
Heterosexual contact	777	78%	776	78%	778	79%	779	79%	789	78%
Other/unknown	75	8%	85	9%	84	9%	89	9%	103	10%
Subtotal	990	100%	999	100%	988	100%	989	100%	1,006	100%
Child (<13 years at diagnosis)										
Perinatal	49	89%	48	89%	45	87%	41	85%	48	89%
Other/unknown	6	11%	6	11%	7	13%	7	15%	6	11%
Subtotal	55	100%	54	100%	52	100%	48	100%	54	100%
Total	5,005		5,103		5,162		5,127		5,090	

Trends in reported persons living with diagnosed HIV infection by year of diagnosis and exposure category, Cuyahoga County, 2019-2023

Living with Diagnosed HIV Infection										
Exposure Category ^b	2019		2020		2021		2022		2023	
	No.	%	No.	%	No.	%	No.	%	No.	%
Male-to-male sexual contact only	1,968	39%	2,013	39%	2,068	40%	2,050	40%	2,024	40%
Injection drug use (IDU) only	39	1%	41	1%	41	1%	42	1%	38	1%
Heterosexual contact only	1,334	27%	1,334	26%	1,339	26%	1,346	26%	1,344	26%
Male-to-male sexual contact & IDU	90	2%	98	2%	99	2%	104	2%	100	2%
IDU & Heterosexual contact	261	5%	258	5%	235	5%	230	4%	217	4%
Male-to-male sexual contact & Heterosexual contact	783	16%	771	15%	777	15%	755	15%	751	15%
Male-to-male sexual contact & IDU & Heterosexual contact	122	2%	119	2%	112	2%	107	2%	94	2%
Perinatal exposure	51	1%	50	1%	46	1%	42	1%	50	1%
Other/unknown	357	7%	419	8%	445	9%	451	9%	472	9%
Total	5,005		5,103		5,162		5,127		5,090	

Notes:

Living with diagnosed HIV infection by year (2019-2023) represents all persons ever diagnosed and reported with HIV and/or AIDS who have not been reported as having died as of December 31 of the corresponding year. Persons living with diagnosed HIV infection represent persons living in Ohio as of December 31 of the corresponding year, regardless of whether the person was a resident of Ohio at time of initial HIV and/or AIDS diagnosis.

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

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

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

Source: Ohio Department of Health, HIV Surveillance Program. Data reported through June 30, 2024.