

# New Diagnoses of HIV Infection Reported in Mahoning 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, Mahoning County

Characteristic	2023 diagnosis of HIV infection			Disease Status					
	Rate <sup>a</sup>	No.	%	HIV (not AIDS)		HIV & later AIDS		AIDS	
				No.	%	No.	%	No.	%
Sex at birth									
Males	10.0	11	79%	8	73%	3	100%	-	-
Females	*	3	21%	3	27%	-	-	-	-
Age at diagnosis (years)									
0-9	*	-	-	-	-	-	-	-	-
10-14	*	-	-	-	-	-	-	-	-
15-19	*	1	7%	1	9%	-	-	-	-
20-24	*	-	-	-	-	-	-	-	-
25-29	*	2	14%	2	18%	-	-	-	-
30-34	34.8	5	36%	3	27%	2	67%	-	-
35-39	*	1	7%	1	9%	-	-	-	-
40-44	*	3	21%	3	27%	-	-	-	-
45-49	*	1	7%	1	9%	-	-	-	-
50-54	*	-	-	-	-	-	-	-	-
55-64	*	1	7%	-	-	1	33%	-	-
65+	*	-	-	-	-	-	-	-	-
Race/Ethnicity <sup>b</sup>									
American Indian/Alaska Native	*	-	-	-	-	-	-	-	-
Asian/Pacific Islander	*	-	-	-	-	-	-	-	-
Black/African American	33.5	11	79%	8	73%	3	100%	-	-
Hispanic/Latino	*	1	7%	1	9%	-	-	-	-
White	*	1	7%	1	9%	-	-	-	-
Multi-Race	*	1	7%	1	9%	-	-	-	-
Race/Ethnicity <sup>b</sup> and Sex at birth									
American Indian/Alaska Native Males	*	-	-	-	-	-	-	-	-
American Indian/Alaska Native Females	*	-	-	-	-	-	-	-	-
Asian/Pacific Islander Males	*	-	-	-	-	-	-	-	-
Asian/Pacific Islander Females	*	-	-	-	-	-	-	-	-
Black/African American Males	58.7	9	64%	6	55%	3	100%	-	-
Black/African American Females	*	2	14%	2	18%	-	-	-	-
Hispanic/Latino Males	*	-	-	-	-	-	-	-	-
Hispanic/Latina Females	*	1	7%	1	9%	-	-	-	-
White Males	*	1	7%	1	9%	-	-	-	-
White Females	*	-	-	-	-	-	-	-	-
Multi-Race Males	*	1	7%	1	9%	-	-	-	-
Multi-Race Females	*	-	-	-	-	-	-	-	-
Total	6.2	14		11		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.

<sup>a</sup>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.

<sup>b</sup> 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, Mahoning County

Transmission Category <sup>a</sup>	2023 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	10	91%	7	88%	3	100%	-	-
Injection drug use (IDU)	-	-	-	-	-	-	-	-
Male-to-male sexual contact and IDU	-	-	-	-	-	-	-	-
Heterosexual contact	-	-	-	-	-	-	-	-
Other/unknown	1	9%	1	13%	-	-	-	-
Subtotal	11	100%	8	100%	3	100%	-	-
<b>Female adult or adolescent</b>								
Injection drug use	-	-	-	-	-	-	-	-
Heterosexual contact	2	67%	2	67%	-	-	-	-
Other/unknown	1	33%	1	33%	-	-	-	-
Subtotal	3	100%	3	100%	-	-	-	-
<b>Child (&lt;13 years at diagnosis)</b>								
Perinatal	-	-	-	-	-	-	-	-
Other/unknown	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-
<b>Total</b>	<b>14</b>		<b>11</b>		<b>3</b>		<b>-</b>	

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

Exposure Category <sup>b</sup>	2023 diagnosis of HIV infection		Disease Status					
			HIV (not AIDS)		HIV & later AIDS		AIDS	
	No.	%	No.	%	No.	%	No.	%
Male-to-male sexual contact only	9	64%	6	55%	3	100%	-	-
Injection drug use (IDU) only	-	-	-	-	-	-	-	-
Heterosexual contact only	3	21%	3	27%	-	-	-	-
Male-to-male sexual contact & IDU	-	-	-	-	-	-	-	-
IDU & Heterosexual contact	-	-	-	-	-	-	-	-
Male-to-male sexual contact & Heterosexual contact	1	7%	1	9%	-	-	-	-
Male-to-male sexual contact & IDU & Heterosexual contact	-	-	-	-	-	-	-	-
Perinatal exposure	-	-	-	-	-	-	-	-
Other/unknown	1	7%	1	9%	-	-	-	-
<b>Total</b>	<b>14</b>		<b>11</b>		<b>3</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 Surveillance Program. Data reported through June 30, 2024.

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

2023 diagnosis of HIV infection																		
Age at diagnosis (years)	American Indian/Alaska Native			Asian/Pacific Islander			Black/African American			Hispanic/ Latino <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.	%
0-9	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
10-14	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
15-19	*	-	-	*	-	-	*	1	9%	*	-	-	*	-	-	*	-	-
20-24	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
25-29	*	-	-	*	-	-	*	2	18%	*	-	-	*	-	-	*	-	-
30-34	*	-	-	*	-	-	*	4	36%	*	-	-	*	-	-	*	1	100%
35-39	*	-	-	*	-	-	*	-	-	*	-	-	*	1	100%	*	-	-
40-44	*	-	-	*	-	-	*	2	18%	*	1	100%	*	-	-	*	-	-
45-49	*	-	-	*	-	-	*	1	9%	*	-	-	*	-	-	*	-	-
50-54	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
55-64	*	-	-	*	-	-	*	1	9%	*	-	-	*	-	-	*	-	-
65+	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
Total	*	-	-	*	-	-	33.5	11		*	1		*	1		*	1	

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

2023 diagnosis of HIV infection												
Transmission Category <sup>c</sup>	American Indian/Alaska Native		Asian/Pacific Islander		Black/African American		Hispanic/ Latino <sup>a</sup>		White		Multi-Race	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male adult or adolescent												
Male-to-male sexual contact	-	-	-	-	8	89%	-	-	1	100%	1	100%
Injection drug use (IDU)	-	-	-	-	-	-	-	-	-	-	-	-
Male-to-male sexual contact and IDU	-	-	-	-	-	-	-	-	-	-	-	-
Heterosexual contact	-	-	-	-	-	-	-	-	-	-	-	-
Other/unknown	-	-	-	-	1	11%	-	-	-	-	-	-
Subtotal	-	-	-	-	9	100%	-	-	1	100%	1	100%
Female adult or adolescent												
Injection drug use	-	-	-	-	-	-	-	-	-	-	-	-
Heterosexual contact	-	-	-	-	1	50%	1	100%	-	-	-	-
Other/unknown	-	-	-	-	1	50%	-	-	-	-	-	-
Subtotal	-	-	-	-	2	100%	1	100%	-	-	-	-
Child (<13 years at diagnosis)												
Perinatal	-	-	-	-	-	-	-	-	-	-	-	-
Other/unknown	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	11		1		1		1	

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

2023 diagnosis of HIV infection												
Exposure Category <sup>d</sup>	American Indian/Alaska Native		Asian/Pacific Islander		Black/African American		Hispanic/ Latino <sup>a</sup>		White		Multi-Race	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male-to-male sexual contact only	-	-	-	-	7	64%	-	-	1	100%	1	100%
Injection drug use (IDU) only	-	-	-	-	-	-	-	-	-	-	-	-
Heterosexual contact only	-	-	-	-	2	18%	1	100%	-	-	-	-
Male-to-male sexual contact & IDU	-	-	-	-	-	-	-	-	-	-	-	-
IDU & Heterosexual contact	-	-	-	-	-	-	-	-	-	-	-	-
Male-to-male sexual contact & Heterosexual contact	-	-	-	-	1	9%	-	-	-	-	-	-
Male-to-male sexual contact & IDU & Heterosexual contact	-	-	-	-	-	-	-	-	-	-	-	-
Perinatal exposure	-	-	-	-	-	-	-	-	-	-	-	-
Other/unknown	-	-	-	-	1	9%	-	-	-	-	-	-
Total	-	-	-	-	11		1		1		1	

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> 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.  
<sup>b</sup> 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.  
<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 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, Mahoning County

Characteristic	Diagnoses of HIV Infection by Year															Cumulative Diagnoses	
	2019			2020			2021			2022			2023				
	Rate <sup>a</sup>	No.	%	Rate <sup>a</sup>	No.	%	Rate <sup>a</sup>	No.	%	Rate <sup>a</sup>	No.	%	Rate <sup>a</sup>	No.	%	No.	%
Sex at birth																	
Males	4.5	5	83%	16.2	18	95%	19.6	22	85%	18.0	20	77%	10.0	11	79%	599	73%
Females	*	1	17%	*	1	5%	*	4	15%	5.2	6	23%	*	3	21%	227	27%
Age at diagnosis (years)																	
0-9	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	9	1%
10-14	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	4	<1%
15-19	*	1	17%	*	2	11%	*	1	4%	*	1	4%	*	1	7%	40	5%
20-24	*	-	-	*	2	11%	36.8	5	19%	42.4	6	23%	*	-	-	87	11%
25-29	*	-	-	48.1	7	37%	*	3	12%	*	2	8%	*	2	14%	139	17%
30-34	*	-	-	*	-	-	*	4	15%	35.9	5	19%	34.8	5	36%	128	15%
35-39	*	2	33%	*	2	11%	*	4	15%	48.2	6	23%	*	1	7%	135	16%
40-44	*	1	17%	*	2	11%	45.7	6	23%	*	2	8%	*	3	21%	101	12%
45-49	*	-	-	*	-	-	*	-	-	*	1	4%	*	1	7%	80	10%
50-54	*	-	-	*	2	11%	*	2	8%	*	1	4%	*	-	-	42	5%
55-64	*	2	33%	*	2	11%	*	1	4%	*	1	4%	*	1	7%	52	6%
65+	*	-	-	*	-	-	*	-	-	*	1	4%	*	-	-	9	1%
Race/Ethnicity <sup>b</sup>																	
American Indian/Alaska Native	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	1	<1%
Asian/Pacific Islander	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	-	-
Black/African American	*	1	17%	23.7	8	42%	38.6	13	50%	42.5	14	54%	33.5	11	79%	357	43%
Hispanic/Latino	*	1	17%	*	-	-	*	4	15%	31.9	5	19%	*	1	7%	84	10%
White	*	4	67%	5.3	9	47%	4.7	8	31%	4.1	7	27%	*	1	7%	327	40%
Multi-Race	*	-	-	*	2	11%	*	1	4%	*	-	-	*	1	7%	52	6%
Unknown	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	5	1%
Race/Ethnicity <sup>b</sup> and Sex at birth																	
American Indian/Alaska Native Males	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	1	<1%
American Indian/Alaska Native Females	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	-	-
Asian/Pacific Islander Males	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	-	-
Asian/Pacific Islander Females	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	-	-
Black/African American Males	*	1	17%	43.2	7	37%	67.9	11	42%	83.8	13	50%	58.7	9	64%	238	29%
Black/African American Females	*	-	-	*	1	5%	*	2	8%	*	1	4%	*	2	14%	119	14%
Hispanic/Latino Males	*	-	-	*	-	-	*	3	12%	*	3	12%	*	-	-	55	7%
Hispanic/Latina Females	*	1	17%	*	-	-	*	1	4%	*	2	8%	*	1	7%	29	4%
White Males	*	4	67%	10.9	9	47%	8.4	7	27%	*	4	15%	*	1	7%	266	32%
White Females	*	-	-	*	-	-	*	1	4%	*	3	12%	*	-	-	61	7%
Multi-Race Males	*	-	-	*	2	11%	*	1	4%	*	-	-	*	1	7%	36	4%
Multi-Race Females	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	16	2%
Unknown	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	5	1%
Total	2.6	6		8.4	19		11.5	26		11.5	26		6.2	14		826	

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.

<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/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, Mahoning County

Transmission Category <sup>a</sup>	Diagnoses of HIV Infection by Year										Cumulative Diagnoses	
	2019		2020		2021		2022		2023			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<b>Male adult or adolescent</b>												
Male-to-male sexual contact	3	60%	13	72%	12	55%	13	65%	10	91%	346	58%
Injection drug use (IDU)	-	-	-	-	1	5%	-	-	-	-	34	6%
Male-to-male sexual contact and IDU	-	-	-	-	-	-	1	5%	-	-	31	5%
Heterosexual contact	-	-	1	6%	1	5%	1	5%	-	-	43	7%
Other/unknown	2	40%	4	22%	8	36%	5	25%	1	9%	140	24%
Subtotal	5	100%	18	100%	22	100%	20	100%	11	100%	594	100%
<b>Female adult or adolescent</b>												
Injection drug use	-	-	-	-	-	-	1	17%	-	-	38	17%
Heterosexual contact	1	100%	1	100%	4	100%	3	50%	2	67%	142	64%
Other/unknown	-	-	-	-	-	-	2	33%	1	33%	41	19%
Subtotal	1	100%	1	100%	4	100%	6	100%	3	100%	221	100%
<b>Child (&lt;13 years at diagnosis)</b>												
Perinatal	-	-	-	-	-	-	-	-	-	-	7	64%
Other/unknown	-	-	-	-	-	-	-	-	-	-	4	36%
Subtotal	-	-	-	-	-	-	-	-	-	-	11	100%
<b>Total</b>	<b>6</b>		<b>19</b>		<b>26</b>		<b>26</b>		<b>14</b>		<b>826</b>	

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

Exposure Category <sup>b</sup>	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	3	50%	13	68%	10	38%	9	35%	9	64%	251	30%
Injection drug use (IDU) only	-	-	-	-	-	-	1	4%	-	-	12	1%
Heterosexual contact only	3	50%	3	16%	7	27%	5	19%	3	21%	228	28%
Male-to-male sexual contact & IDU	-	-	-	-	-	-	-	-	-	-	13	2%
IDU & Heterosexual contact	-	-	-	-	1	4%	-	-	-	-	59	7%
Male-to-male sexual contact & Heterosexual contact	-	-	-	-	2	8%	4	15%	1	7%	94	11%
Male-to-male sexual contact & IDU & Heterosexual contact	-	-	-	-	-	-	1	4%	-	-	18	2%
Perinatal exposure	-	-	-	-	-	-	-	-	-	-	7	1%
Other/unknown	-	-	3	16%	6	23%	6	23%	1	7%	144	17%
Total	6		19		26		26		14		826	

### Notes:

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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 Surveillance Program. Data reported through June 30, 2024.

# Persons Living with Diagnosed HIV Infection Reported in Mahoning County

As of June 30, 2024

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

Characteristic	Living with diagnosed HIV infection in			Current Disease Status			
	2023			HIV (not AIDS)		AIDS	
	Rate <sup>a</sup>	No.	%	No.	%	No.	%
<b>Sex at birth</b>							
Males	336.6	372	71%	197	72%	175	71%
Females	129.5	149	29%	78	28%	71	29%
<b>Age at end of year (years)</b>							
0-9	*	1	<1%	-	-	1	<1%
10-14	*	-	-	-	-	-	-
15-19	*	1	<1%	1	<1%	-	-
20-24	90.0	12	2%	10	4%	2	1%
25-29	192.5	26	5%	20	7%	6	2%
30-34	410.4	59	11%	39	14%	20	8%
35-39	428.3	54	10%	34	12%	20	8%
40-44	346.9	45	9%	29	11%	16	7%
45-49	305.9	38	7%	21	8%	17	7%
50-54	463.2	63	12%	33	12%	30	12%
55-64	481.4	146	28%	58	21%	88	36%
65+	146.2	76	15%	30	11%	46	19%
<b>Race/Ethnicity<sup>b</sup></b>							
American Indian/Alaska Native	*	-	-	-	-	-	-
Asian/Pacific Islander	*	1	<1%	-	-	1	<1%
Black/African American	625.1	205	39%	115	42%	90	37%
Hispanic/Latino	502.3	80	15%	36	13%	44	18%
White	107.7	182	35%	102	37%	80	33%
Multi-Race	929.8	49	9%	18	7%	31	13%
Unknown	*	4	1%	4	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	*	1	<1%	-	-	1	<1%
Asian/Pacific Islander Females	*	-	-	-	-	-	-
Black/African American Males	938.4	144	28%	81	29%	63	26%
Black/African American Females	349.6	61	12%	34	12%	27	11%
Hispanic/Latino Males	532.8	46	9%	20	7%	26	11%
Hispanic/Latina Females	466.3	34	7%	16	6%	18	7%
White Males	174.2	144	28%	81	29%	63	26%
White Females	44.0	38	7%	21	8%	17	7%
Multi-Race Males	1,338.9	35	7%	13	5%	22	9%
Multi-Race Females	527.1	14	3%	5	2%	9	4%
Unknown	*	4	1%	4	1%	-	-
<b>Total</b>	<b>230.9</b>	<b>521</b>		<b>275</b>		<b>246</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, 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.

<sup>a</sup>The rate is the number of persons living with diagnosed HIV infection per 100,000 population calculated using 2023 U.S. Census estimates.

<sup>b</sup> 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, Mahoning County

Transmission Category <sup>a</sup>	Living with diagnosed HIV infection in		Current Disease Status			
	2023		HIV (not AIDS)		AIDS	
	No.	%	No.	%	No.	%
<b>Male adult or adolescent</b>						
Male-to-male sexual contact	240	65%	126	65%	114	66%
Injection drug use (IDU)	12	3%	6	3%	6	3%
Male-to-male sexual contact and IDU	23	6%	8	4%	15	9%
Heterosexual contact	27	7%	13	7%	14	8%
Other/unknown	67	18%	42	22%	25	14%
Subtotal	369	100%	195	100%	174	100%
<b>Female adult or adolescent</b>						
Injection drug use	20	14%	8	11%	12	17%
Heterosexual contact	105	73%	51	68%	54	78%
Other/unknown	19	13%	16	21%	3	4%
Subtotal	144	100%	75	100%	69	100%
<b>Child (&lt;13 years at diagnosis)</b>						
Perinatal	6	75%	3	60%	3	100%
Other/unknown	2	25%	2	40%	-	-
Subtotal	8	100%	5	100%	3	100%
<b>Total</b>	<b>521</b>		<b>275</b>		<b>246</b>	

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

Exposure Category <sup>b</sup>	Living with diagnosed HIV infection in		Current Disease Status			
	2023		HIV (not AIDS)		AIDS	
	No.	%	No.	%	No.	%
Male-to-male sexual contact only	170	33%	92	33%	78	32%
Injection drug use (IDU) only	6	1%	5	2%	1	<1%
Heterosexual contact only	159	31%	77	28%	82	33%
Male-to-male sexual contact & IDU	12	2%	4	1%	8	3%
IDU & Heterosexual contact	26	5%	9	3%	17	7%
Male-to-male sexual contact & Heterosexual contact	70	13%	34	12%	36	15%
Male-to-male sexual contact & IDU & Heterosexual contact	11	2%	4	1%	7	3%
Perinatal exposure	7	1%	4	1%	3	1%
Other/unknown	60	12%	46	17%	14	6%
<b>Total</b>	<b>521</b>		<b>275</b>		<b>246</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, 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.

<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 Surveillance Program. Data reported through June 30, 2024.

Reported persons living with diagnosed HIV infection in 2023 by race/ethnicity and age, Mahoning 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 <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.	%
0-9	*	-	-	*	-	-	*	1	<1%	*	-	-	*	-	-	*	-	-
10-14	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
15-19	*	-	-	*	-	-	*	1	<1%	*	-	-	*	-	-	*	-	-
20-24	*	-	-	*	-	-	476.0	11	5%	*	1	1%	*	-	-	*	-	-
25-29	*	-	-	*	-	-	487.6	12	6%	403.6	5	6%	86.7	8	4%	*	1	2%
30-34	*	-	-	*	-	-	1,102.4	28	14%	700.4	9	11%	120.5	12	7%	3,174.6	10	20%
35-39	*	-	-	*	-	-	1,520.9	28	14%	*	4	5%	162.7	15	8%	2,955.7	6	12%
40-44	*	-	-	*	-	-	911.2	16	8%	625.6	7	9%	195.1	19	10%	*	3	6%
45-49	*	-	-	*	-	-	659.1	11	5%	917.4	9	11%	149.1	14	8%	*	4	8%
50-54	*	-	-	*	-	-	1,369.9	23	11%	1,659.8	12	15%	239.0	26	14%	*	2	4%
55-64	*	-	-	*	1	100%	1,339.8	44	21%	1,973.7	24	30%	236.3	60	33%	8,021.4	15	31%
65+	*	-	-	*	-	-	553.0	30	15%	637.8	9	11%	62.9	28	15%	2,675.6	8	16%
Total	*	-	-	*	1	-	625.1	205	-	502.3	80	-	107.7	182	-	929.8	49	-

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

Living with diagnosed HIV infection in 2023														
Transmission Category <sup>c</sup>	American Indian/Alaska Native		Asian/Pacific Islander		Black/African American		Hispanic/Latino <sup>a</sup>		White		Multi-Race		Unknown	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male adult or adolescent														
Male-to-male sexual contact	-	-	1	100%	88	62%	28	61%	104	73%	19	54%	-	-
Injection drug use (IDU)	-	-	-	-	4	3%	5	11%	3	2%	-	-	-	-
Male-to-male sexual contact and IDU	-	-	-	-	7	5%	2	4%	8	6%	6	17%	-	-
Heterosexual contact	-	-	-	-	11	8%	7	15%	4	3%	5	14%	-	-
Other/unknown	-	-	-	-	32	23%	4	9%	24	17%	5	14%	2	100%
Subtotal	-	-	1	100%	142	100%	46	100%	143	100%	35	100%	2	100%
Female adult or adolescent														
Injection drug use	-	-	-	-	5	8%	2	6%	12	32%	1	7%	-	-
Heterosexual contact	-	-	-	-	44	73%	26	84%	22	58%	13	93%	-	-
Other/unknown	-	-	-	-	11	18%	3	10%	4	11%	-	-	1	100%
Subtotal	-	-	-	-	60	100%	31	100%	38	100%	14	100%	1	100%
Child (<13 years at diagnosis)														
Perinatal	-	-	-	-	2	67%	3	100%	1	100%	-	-	-	-
Other/unknown	-	-	-	-	1	33%	-	-	-	-	-	-	1	100%
Subtotal	-	-	-	-	3	100%	3	100%	1	100%	-	-	1	100%
Total	-	-	1		205		80		182		49		4	

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

Living with diagnosed HIV infection in 2023														
Exposure Category <sup>d</sup>	American Indian/Alaska Native		Asian/Pacific Islander		Black/African American		Hispanic/Latino <sup>a</sup>		White		Multi-Race		Unknown	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male-to-male sexual contact only	-	-	1	100%	54	26%	17	21%	85	47%	13	27%	-	-
Injection drug use (IDU) only	-	-	-	-	2	1%	1	1%	3	2%	-	-	-	-
Heterosexual contact only	-	-	-	-	67	33%	34	43%	38	21%	20	41%	-	-
Male-to-male sexual contact & IDU	-	-	-	-	4	2%	-	-	5	3%	3	6%	-	-
IDU & Heterosexual contact	-	-	-	-	7	3%	6	8%	12	7%	1	2%	-	-
Male-to-male sexual contact & Heterosexual contact	-	-	-	-	34	17%	11	14%	19	10%	6	12%	-	-
Male-to-male sexual contact & IDU & Heterosexual contact	-	-	-	-	3	1%	2	3%	3	2%	3	6%	-	-
Perinatal exposure	-	-	-	-	3	1%	3	4%	1	1%	-	-	-	-
Other/unknown	-	-	-	-	31	15%	6	8%	16	9%	3	6%	4	100%
Total	-	-	1	-	205	-	80	-	182	-	49	-	4	-

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.  
<sup>a</sup> 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.  
<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 Surveillance Program. Data reported through June 30, 2024.

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

Characteristic	Living with Diagnosed HIV Infection														
	2019			2020			2021			2022			2023		
	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	297.4	333	72%	307.2	341	72%	315.7	354	72%	344.3	382	72%	336.6	372	71%
Females	110.5	129	28%	117.3	135	28%	119.5	137	28%	126.4	145	28%	129.5	149	29%
<b>Age at end of year (years)</b>															
0-9	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%
10-14	*	1	<1%	*	1	<1%	*	-	-	*	-	-	*	-	-
15-19	*	2	<1%	*	4	1%	*	2	<1%	*	3	1%	*	1	<1%
20-24	111.1	16	3%	88.6	12	3%	117.8	16	3%	141.3	20	4%	90.0	12	2%
25-29	219.4	32	7%	240.6	35	7%	233.6	33	7%	235.2	32	6%	192.5	26	5%
30-34	310.5	40	9%	295.3	39	8%	304.7	42	9%	366.1	51	10%	410.4	59	11%
35-39	320.3	41	9%	373.8	47	10%	374.9	48	10%	490.4	61	12%	428.3	54	10%
40-44	231.3	29	6%	244.7	31	7%	258.8	34	7%	270.1	35	7%	346.9	45	9%
45-49	373.6	50	11%	389.5	50	11%	381.2	48	10%	372.7	46	9%	305.9	38	7%
50-54	478.0	67	15%	413.3	57	12%	420.2	59	12%	440.1	61	12%	463.2	63	12%
55-64	417.5	142	31%	467.9	154	32%	470.6	153	31%	482.4	151	29%	481.4	146	28%
65+	83.7	41	9%	90.0	45	9%	111.0	55	11%	130.1	66	13%	146.2	76	15%
<b>Race/Ethnicity<sup>b</sup></b>															
American Indian/Alaska Native	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
Asian/Pacific Islander	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%
Black/African American	506.6	174	38%	514.6	174	37%	540.8	182	37%	628.2	207	39%	625.1	205	39%
Hispanic/Latino	467.1	69	15%	456.0	70	15%	466.8	74	15%	516.7	81	15%	502.3	80	15%
White	97.4	168	36%	105.5	179	38%	109.5	186	38%	113.3	192	36%	107.7	182	35%
Multi-Race	1,013.0	46	10%	1,009.0	48	10%	889.8	44	9%	817.6	42	8%	929.8	49	9%
Unknown	*	4	1%	*	4	1%	*	4	1%	*	4	1%	*	4	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	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%	*	1	<1%
Asian/Pacific Islander Females	*	-	-	*	-	-	*	-	-	*	-	-	*	-	-
Black/African American Males	713.7	117	25%	710.2	115	24%	765.9	124	25%	960.3	149	28%	938.4	144	28%
Black/African American Females	317.5	57	12%	334.9	59	12%	332.2	58	12%	332.7	58	11%	349.6	61	12%
Hispanic/Latino Males	537.8	44	10%	483.8	42	9%	516.0	46	9%	568.0	48	9%	532.8	46	9%
Hispanic/Latina Females	379.3	25	5%	419.8	28	6%	403.6	28	6%	456.6	33	6%	466.3	34	7%
White Males	163.1	137	30%	177.9	147	31%	182.3	152	31%	186.2	155	29%	174.2	144	28%
White Females	35.0	31	7%	36.7	32	7%	39.3	34	7%	42.9	37	7%	44.0	38	7%
Multi-Race Males	1,441.4	32	7%	1,454.2	34	7%	1,178.9	29	6%	1,056.8	27	5%	1,338.9	35	7%
Multi-Race Females	603.2	14	3%	578.8	14	3%	603.6	15	3%	580.9	15	3%	527.1	14	3%
Unknown	*	4	1%	*	4	1%	*	4	1%	*	4	1%	*	4	1%
<b>Total</b>	<b>202.0</b>	<b>462</b>		<b>210.5</b>	<b>476</b>		<b>216.5</b>	<b>491</b>		<b>233.6</b>	<b>527</b>		<b>230.9</b>	<b>521</b>	

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.

<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/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, Mahoning County, 2019-2023

Living with Diagnosed HIV Infection										
Transmission Category <sup>a</sup>	2019		2020		2021		2022		2023	
	No.	%	No.	%	No.	%	No.	%	No.	%
<b>Male adult or adolescent</b>										
Male-to-male sexual contact	209	63%	212	63%	224	64%	241	64%	240	65%
Injection drug use (IDU)	17	5%	16	5%	14	4%	13	3%	12	3%
Male-to-male sexual contact and IDU	23	7%	28	8%	23	7%	26	7%	23	6%
Heterosexual contact	21	6%	23	7%	24	7%	28	7%	27	7%
Other/unknown	60	18%	59	17%	66	19%	71	19%	67	18%
Subtotal	330	100%	338	100%	351	100%	379	100%	369	100%
<b>Female adult or adolescent</b>										
Injection drug use	18	15%	19	15%	18	14%	22	16%	20	14%
Heterosexual contact	90	73%	93	72%	97	73%	98	71%	105	73%
Other/unknown	16	13%	18	14%	17	13%	19	14%	19	13%
Subtotal	124	100%	130	100%	132	100%	139	100%	144	100%
<b>Child (&lt;13 years at diagnosis)</b>										
Perinatal	5	63%	5	63%	5	63%	6	67%	6	75%
Other/unknown	3	38%	3	38%	3	38%	3	33%	2	25%
Subtotal	8	100%	8	100%	8	100%	9	100%	8	100%
<b>Total</b>	<b>462</b>		<b>476</b>		<b>491</b>		<b>527</b>		<b>521</b>	

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

Living with Diagnosed HIV Infection										
Exposure Category <sup>b</sup>	2019		2020		2021		2022		2023	
	No.	%	No.	%	No.	%	No.	%	No.	%
Male-to-male sexual contact only	138	30%	145	30%	159	32%	167	32%	170	33%
Injection drug use (IDU) only	5	1%	5	1%	4	1%	6	1%	6	1%
Heterosexual contact only	135	29%	140	29%	147	30%	153	29%	159	31%
Male-to-male sexual contact & IDU	10	2%	12	3%	11	2%	13	2%	12	2%
IDU & Heterosexual contact	30	6%	30	6%	28	6%	29	6%	26	5%
Male-to-male sexual contact & Heterosexual contact	71	15%	67	14%	65	13%	74	14%	70	13%
Male-to-male sexual contact & IDU & Heterosexual contact	13	3%	16	3%	12	2%	13	2%	11	2%
Perinatal exposure	6	1%	6	1%	5	1%	7	1%	7	1%
Other/unknown	54	12%	55	12%	60	12%	65	12%	60	12%
Total	462		476		491		527		521	

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.

<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 Surveillance Program. Data reported through June 30, 2024.