

New Diagnoses of HIV Infection Reported in Hamilton 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, Hamilton 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 | 20.7 | 83 | 79% | 59 | 81% | 19 | 73% | 5 | 83% |
| Females | 5.2 | 22 | 21% | 14 | 19% | 7 | 27% | 1 | 17% |
| Age at diagnosis (years) | | | | | | | | | |
| 0-9 | * | - | - | - | - | - | - | - | - |
| 10-14 | * | 1 | 1% | 1 | 1% | - | - | - | - |
| 15-19 | 17.5 | 10 | 10% | 10 | 14% | - | - | - | - |
| 20-24 | 28.2 | 15 | 14% | 11 | 15% | 4 | 15% | - | - |
| 25-29 | 38.4 | 23 | 22% | 19 | 26% | 4 | 15% | - | - |
| 30-34 | 36.8 | 23 | 22% | 14 | 19% | 6 | 23% | 3 | 50% |
| 35-39 | 17.7 | 10 | 10% | 7 | 10% | 1 | 4% | 2 | 33% |
| 40-44 | 29.2 | 15 | 14% | 8 | 11% | 7 | 27% | - | - |
| 45-49 | * | 1 | 1% | - | - | 1 | 4% | - | - |
| 50-54 | * | 4 | 4% | 2 | 3% | 1 | 4% | 1 | 17% |
| 55-64 | * | 1 | 1% | - | - | 1 | 4% | - | - |
| 65+ | * | 2 | 2% | 1 | 1% | 1 | 4% | - | - |
| Race/Ethnicity ^b | | | | | | | | | |
| American Indian/Alaska Native | * | - | - | - | - | - | - | - | - |
| Asian/Pacific Islander | * | 1 | 1% | - | - | 1 | 4% | - | - |
| Black/African American | 28.7 | 62 | 59% | 43 | 59% | 15 | 58% | 4 | 67% |
| Hispanic/Latino | 24.8 | 10 | 10% | 8 | 11% | 1 | 4% | 1 | 17% |
| White | 5.7 | 30 | 29% | 21 | 29% | 8 | 31% | 1 | 17% |
| Multi-Race | * | 2 | 2% | 1 | 1% | 1 | 4% | - | - |
| 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 | * | 1 | 1% | - | - | 1 | 4% | - | - |
| Black/African American Males | 46.9 | 47 | 45% | 33 | 45% | 11 | 42% | 3 | 50% |
| Black/African American Females | 12.9 | 15 | 14% | 10 | 14% | 4 | 15% | 1 | 17% |
| Hispanic/Latino Males | 38.5 | 8 | 8% | 6 | 8% | 1 | 4% | 1 | 17% |
| Hispanic/Latina Females | * | 2 | 2% | 2 | 3% | - | - | - | - |
| White Males | 10.1 | 26 | 25% | 19 | 26% | 6 | 23% | 1 | 17% |
| White Females | * | 4 | 4% | 2 | 3% | 2 | 8% | - | - |
| Multi-Race Males | * | 2 | 2% | 1 | 1% | 1 | 4% | - | - |
| Multi-Race Females | * | - | - | - | - | - | - | - | - |
| Total | 12.7 | 105 | | 73 | | 26 | | 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.

^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, Hamilton 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 | 47 | 57% | 37 | 63% | 7 | 37% | 3 | 60% |
| Injection drug use (IDU) | 9 | 11% | 6 | 10% | 2 | 11% | 1 | 20% |
| Male-to-male sexual contact and IDU | 2 | 2% | 1 | 2% | 1 | 5% | - | - |
| Heterosexual contact | 2 | 2% | 1 | 2% | 1 | 5% | - | - |
| Other/unknown | 23 | 28% | 14 | 24% | 8 | 42% | 1 | 20% |
| Subtotal | 83 | 100% | 59 | 100% | 19 | 100% | 5 | 100% |
| Female adult or adolescent | | | | | | | | |
| Injection drug use | 1 | 5% | - | - | 1 | 14% | - | - |
| Heterosexual contact | 21 | 95% | 14 | 100% | 6 | 86% | 1 | 100% |
| Other/unknown | - | - | - | - | - | - | - | - |
| Subtotal | 22 | 100% | 14 | 100% | 7 | 100% | 1 | 100% |
| Child (<13 years at diagnosis) | | | | | | | | |
| Perinatal | - | - | - | - | - | - | - | - |
| Other/unknown | - | - | - | - | - | - | - | - |
| Subtotal | - | - | - | - | - | - | - | - |
| Total | 105 | | 73 | | 26 | | 6 | |

Reported new diagnoses of HIV infection in 2023 by disease status and exposure category, Hamilton 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 | 30 | 29% | 25 | 34% | 3 | 12% | 2 | 33% |
| Injection drug use (IDU) only | 1 | 1% | 1 | 1% | - | - | - | - |
| Heterosexual contact only | 39 | 37% | 25 | 34% | 12 | 46% | 2 | 33% |
| Male-to-male sexual contact & IDU | 1 | 1% | - | - | 1 | 4% | - | - |
| IDU & Heterosexual contact | 9 | 9% | 5 | 7% | 3 | 12% | 1 | 17% |
| Male-to-male sexual contact & Heterosexual contact | 17 | 16% | 12 | 16% | 4 | 15% | 1 | 17% |
| Male-to-male sexual contact & IDU & Heterosexual contact | 1 | 1% | 1 | 1% | - | - | - | - |
| Perinatal exposure | - | - | - | - | - | - | - | - |
| Other/unknown | 7 | 7% | 4 | 5% | 3 | 12% | - | - |
| Total | 105 | | 73 | | 26 | | 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.

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, Hamilton County

| 2023 diagnosis of HIV infection | | | | | | | | | | | | | | | | | | |
|---------------------------------|-------------------------------|-----|---|------------------------|-----|------|------------------------|-----|-----|-------------------|-----|-----|-------------------|-----|-----|-------------------|-----|-----|
| Age at diagnosis (years) | American Indian/Alaska Native | | | Asian/Pacific Islander | | | Black/African American | | | Hispanic/ Latino* | | | 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 | * | - | - | * | - | - | * | 1 | 2% | * | - | - | * | - | - | * | - | - |
| 15-19 | * | - | - | * | - | - | 54.4 | 9 | 15% | * | 1 | 10% | * | - | - | * | - | - |
| 20-24 | * | - | - | * | - | - | 70.3 | 10 | 16% | * | 3 | 30% | * | 2 | 7% | * | - | - |
| 25-29 | * | - | - | * | 1 | 100% | 93.2 | 14 | 23% | * | 3 | 30% | 13.4 | 5 | 17% | * | - | - |
| 30-34 | * | - | - | * | - | - | 53.4 | 9 | 15% | * | 3 | 30% | 25.8 | 10 | 33% | * | 1 | 50% |
| 35-39 | * | - | - | * | - | - | 34.9 | 5 | 8% | * | - | - | 13.8 | 5 | 17% | * | - | - |
| 40-44 | * | - | - | * | - | - | 76.6 | 10 | 16% | * | - | - | 15.2 | 5 | 17% | * | - | - |
| 45-49 | * | - | - | * | - | - | * | - | - | * | - | - | * | 1 | 3% | * | - | - |
| 50-54 | * | - | - | * | - | - | * | 3 | 5% | * | - | - | * | 1 | 3% | * | - | - |
| 55-64 | * | - | - | * | - | - | * | 1 | 2% | * | - | - | * | - | - | * | - | - |
| 65+ | * | - | - | * | - | - | * | - | - | * | - | - | * | 1 | 3% | * | 1 | 50% |
| Total | * | - | - | * | 1 | - | 28.7 | 62 | - | 24.8 | 10 | - | 5.7 | 30 | - | * | 2 | - |

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

| 2023 diagnosis of HIV infection | | | | | | | | | | | | |
|-------------------------------------|-------------------------------|---|------------------------|------|------------------------|------|------------------------------|------|-------|------|------------|------|
| 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 | - | - | - | - | 30 | 64% | 6 | 75% | 10 | 38% | 1 | 50% |
| Injection drug use (IDU) | - | - | - | - | - | - | - | - | 8 | 31% | 1 | 50% |
| Male-to-male sexual contact and IDU | - | - | - | - | - | - | - | - | 2 | 8% | - | - |
| Heterosexual contact | - | - | - | - | 2 | 4% | - | - | - | - | - | - |
| Other/unknown | - | - | - | - | 15 | 32% | 2 | 25% | 6 | 23% | - | - |
| Subtotal | - | - | - | - | 47 | 100% | 8 | 100% | 26 | 100% | 2 | 100% |
| Female adult or adolescent | | | | | | | | | | | | |
| Injection drug use | - | - | - | - | - | - | - | - | 1 | 25% | - | - |
| Heterosexual contact | - | - | 1 | 100% | 15 | 100% | 2 | 100% | 3 | 75% | - | - |
| Other/unknown | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal | - | - | 1 | 100% | 15 | 100% | 2 | 100% | 4 | 100% | - | - |
| Child (<13 years at diagnosis) | | | | | | | | | | | | |
| Perinatal | - | - | - | - | - | - | - | - | - | - | - | - |
| Other/unknown | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | - | | 1 | | 62 | | 10 | | 30 | | 2 | |

Reported new diagnoses of HIV infection in 2023 by race/ethnicity and exposure category, Hamilton 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 | - | - | - | - | 19 | 31% | 4 | 40% | 7 | 23% | - | - |
| Injection drug use (IDU) only | - | - | - | - | - | - | - | - | 1 | 3% | - | - |
| Heterosexual contact only | - | - | 1 | 100% | 30 | 48% | 3 | 30% | 5 | 17% | - | - |
| Male-to-male sexual contact & IDU | - | - | - | - | - | - | - | - | 1 | 3% | - | - |
| IDU & Heterosexual contact | - | - | - | - | - | - | - | - | 8 | 27% | 1 | 50% |
| Male-to-male sexual contact & Heterosexual contact | - | - | - | - | 11 | 18% | 2 | 20% | 3 | 10% | 1 | 50% |
| Male-to-male sexual contact & IDU & Heterosexual contact | - | - | - | - | - | - | - | - | 1 | 3% | - | - |
| Perinatal exposure | - | - | - | - | - | - | - | - | - | - | - | - |
| Other/unknown | - | - | - | - | 2 | 3% | 1 | 10% | 4 | 13% | - | - |
| Total | - | - | 1 | - | 62 | - | 10 | - | 30 | - | 2 | - |

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, Hamilton County

| Characteristic | Diagnoses of HIV Infection by Year | | | | | | | | | | | | | | | Cumulative Diagnoses | |
|--|------------------------------------|-----|-----|-------------------|-----|-----|-------------------|-----|-----|-------------------|-----|-----|-------------------|-----|-----|-------------------------|-----|
| | 2019 | | | 2020 | | | 2021 | | | 2022 | | | 2023 | | | | |
| | Rate ^a | No. | % | Rate ^a | No. | % | Rate ^a | No. | % | Rate ^a | No. | % | Rate ^a | No. | % | No. | % |
| Sex at birth | | | | | | | | | | | | | | | | | |
| Males | 28.9 | 114 | 67% | 25.3 | 100 | 76% | 22.9 | 92 | 75% | 18.2 | 73 | 78% | 20.7 | 83 | 79% | 4,393 | 81% |
| Females | 13.0 | 55 | 33% | 7.3 | 31 | 24% | 7.3 | 31 | 25% | 4.7 | 20 | 22% | 5.2 | 22 | 21% | 1,037 | 19% |
| Age at diagnosis (years) | | | | | | | | | | | | | | | | | |
| 0-9 | * | - | - | * | - | - | * | 1 | 1% | * | - | - | * | - | - | 29 | 1% |
| 10-14 | * | - | - | * | - | - | * | - | - | * | - | - | * | 1 | 1% | 10 | <1% |
| 15-19 | 12.9 | 7 | 4% | * | 4 | 3% | 10.8 | 6 | 5% | 16.2 | 9 | 10% | 17.5 | 10 | 10% | 277 | 5% |
| 20-24 | 51.4 | 27 | 16% | 45.4 | 24 | 18% | 37.7 | 20 | 16% | 32.6 | 18 | 19% | 28.2 | 15 | 14% | 780 | 14% |
| 25-29 | 45.1 | 29 | 17% | 30.1 | 19 | 15% | 45.6 | 28 | 23% | 33.0 | 20 | 22% | 38.4 | 23 | 22% | 981 | 18% |
| 30-34 | 51.1 | 31 | 18% | 40.3 | 25 | 19% | 38.4 | 24 | 20% | 16.1 | 10 | 11% | 36.8 | 23 | 22% | 1,042 | 19% |
| 35-39 | 49.3 | 26 | 15% | 35.4 | 19 | 15% | 27.0 | 15 | 12% | 9.0 | 5 | 5% | 17.7 | 10 | 10% | 798 | 15% |
| 40-44 | 33.1 | 15 | 9% | 19.3 | 9 | 7% | 16.3 | 8 | 7% | 16.0 | 8 | 9% | 29.2 | 15 | 14% | 591 | 11% |
| 45-49 | 21.8 | 10 | 6% | 24.8 | 11 | 8% | 11.5 | 5 | 4% | 16.3 | 7 | 8% | * | 1 | 1% | 376 | 7% |
| 50-54 | 18.6 | 9 | 5% | 18.9 | 9 | 7% | 10.3 | 5 | 4% | 16.9 | 8 | 9% | * | 4 | 4% | 280 | 5% |
| 55-64 | 9.3 | 10 | 6% | 6.6 | 7 | 5% | 6.6 | 7 | 6% | 4.9 | 5 | 5% | * | 1 | 1% | 202 | 4% |
| 65+ | 3.9 | 5 | 3% | * | 4 | 3% | * | 4 | 3% | * | 3 | 3% | * | 2 | 2% | 64 | 1% |
| Race/Ethnicity ^b | | | | | | | | | | | | | | | | | |
| American Indian/Alaska Native | * | - | - | * | - | - | * | - | - | * | - | - | * | - | - | 2 | <1% |
| Asian/Pacific Islander | * | - | - | * | 1 | 1% | * | - | - | * | - | - | * | 1 | 1% | 17 | <1% |
| Black/African American | 37.8 | 81 | 48% | 36.4 | 78 | 60% | 33.7 | 73 | 59% | 30.5 | 66 | 71% | 28.7 | 62 | 59% | 2,877 | 53% |
| Hispanic/Latino | 24.1 | 7 | 4% | * | 3 | 2% | 24.9 | 8 | 7% | * | 1 | 1% | 24.8 | 10 | 10% | 141 | 3% |
| White | 13.4 | 71 | 42% | 7.8 | 41 | 31% | 6.2 | 33 | 27% | 4.4 | 23 | 25% | 5.7 | 30 | 29% | 2,197 | 40% |
| Multi-Race | 52.1 | 10 | 6% | 40.1 | 8 | 6% | 43.6 | 9 | 7% | * | 3 | 3% | * | 2 | 2% | 192 | 4% |
| Unknown | * | - | - | * | - | - | * | - | - | * | - | - | * | - | - | 4 | <1% |
| Race/Ethnicity ^b and Sex at birth | | | | | | | | | | | | | | | | | |
| American Indian/Alaska Native Males | * | - | - | * | - | - | * | - | - | * | - | - | * | - | - | 2 | <1% |
| American Indian/Alaska Native Females | * | - | - | * | - | - | * | - | - | * | - | - | * | - | - | - | - |
| Asian/Pacific Islander Males | * | - | - | * | 1 | 1% | * | - | - | * | - | - | * | - | - | 13 | <1% |
| Asian/Pacific Islander Females | * | - | - | * | - | - | * | - | - | * | - | - | * | 1 | 1% | 4 | <1% |
| Black/African American Males | 63.7 | 63 | 37% | 59.6 | 59 | 45% | 53.7 | 54 | 44% | 52.7 | 53 | 57% | 46.9 | 47 | 45% | 2,208 | 41% |
| Black/African American Females | 15.6 | 18 | 11% | 16.5 | 19 | 15% | 16.4 | 19 | 15% | 11.2 | 13 | 14% | 12.9 | 15 | 14% | 669 | 12% |
| Hispanic/Latino Males | 33.4 | 5 | 3% | * | 3 | 2% | 42.4 | 7 | 6% | * | 1 | 1% | 38.5 | 8 | 8% | 114 | 2% |
| Hispanic/Latina Females | * | 2 | 1% | * | - | - | * | 1 | 1% | * | - | - | * | 2 | 2% | 27 | <1% |
| White Males | 15.4 | 40 | 24% | 12.0 | 31 | 24% | 9.2 | 24 | 20% | 6.5 | 17 | 18% | 10.1 | 26 | 25% | 1,900 | 35% |
| White Females | 11.5 | 31 | 18% | 3.7 | 10 | 8% | 3.3 | 9 | 7% | 2.2 | 6 | 6% | * | 4 | 4% | 297 | 5% |
| Multi-Race Males | 64.4 | 6 | 4% | 62.2 | 6 | 5% | 70.3 | 7 | 6% | * | 2 | 2% | * | 2 | 2% | 152 | 3% |
| Multi-Race Females | * | 4 | 2% | * | 2 | 2% | * | 2 | 2% | * | 1 | 1% | * | - | - | 40 | 1% |
| Unknown | * | - | - | * | - | - | * | - | - | * | - | - | * | - | - | 4 | <1% |
| Total | 20.7 | 169 | | 16.0 | 131 | | 14.9 | 123 | | 11.3 | 93 | | 12.7 | 105 | | 5,430 | |

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, Hamilton 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 | 54 | 47% | 54 | 54% | 52 | 57% | 50 | 68% | 47 | 57% | 2,972 | 68% |
| Injection drug use (IDU) | 25 | 22% | 13 | 13% | 6 | 7% | 2 | 3% | 9 | 11% | 259 | 6% |
| Male-to-male sexual contact and IDU | 6 | 5% | 5 | 5% | 4 | 4% | 3 | 4% | 2 | 2% | 236 | 5% |
| Heterosexual contact | 5 | 4% | 5 | 5% | - | - | 2 | 3% | 2 | 2% | 162 | 4% |
| Other/unknown | 24 | 21% | 23 | 23% | 29 | 32% | 16 | 22% | 23 | 28% | 743 | 17% |
| Subtotal | 114 | 100% | 100 | 100% | 91 | 100% | 73 | 100% | 83 | 100% | 4,372 | 100% |
| Female adult or adolescent | | | | | | | | | | | | |
| Injection drug use | 29 | 53% | 6 | 19% | 7 | 23% | 1 | 5% | 1 | 5% | 183 | 18% |
| Heterosexual contact | 26 | 47% | 23 | 74% | 22 | 71% | 12 | 60% | 21 | 95% | 760 | 74% |
| Other/unknown | - | - | 2 | 6% | 2 | 6% | 7 | 35% | - | - | 81 | 8% |
| Subtotal | 55 | 100% | 31 | 100% | 31 | 100% | 20 | 100% | 22 | 100% | 1,024 | 100% |
| Child (<13 years at diagnosis) | | | | | | | | | | | | |
| Perinatal | - | - | - | - | 1 | 100% | - | - | - | - | 27 | 79% |
| Other/unknown | - | - | - | - | - | - | - | - | - | - | 7 | 21% |
| Subtotal | - | - | - | - | 1 | 100% | - | - | - | - | 34 | 100% |
| Total | 169 | | 131 | | 123 | | 93 | | 105 | | 5,430 | |

Trends in reported diagnoses of HIV infection by year of diagnosis (2019-2023) and cumulative diagnoses by exposure category, Hamilton 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 | 43 | 25% | 39 | 30% | 44 | 36% | 37 | 40% | 30 | 29% | 2,193 | 40% |
| Injection drug use (IDU) only | 8 | 5% | 3 | 2% | 3 | 2% | 1 | 1% | 1 | 1% | 77 | 1% |
| Heterosexual contact only | 48 | 28% | 42 | 32% | 44 | 36% | 24 | 26% | 39 | 37% | 1,302 | 24% |
| Male-to-male sexual contact & IDU | 4 | 2% | 4 | 3% | 1 | 1% | 2 | 2% | 1 | 1% | 128 | 2% |
| IDU & Heterosexual contact | 46 | 27% | 16 | 12% | 10 | 8% | 2 | 2% | 9 | 9% | 365 | 7% |
| Male-to-male sexual contact & Heterosexual contact | 11 | 7% | 15 | 11% | 8 | 7% | 13 | 14% | 17 | 16% | 777 | 14% |
| Male-to-male sexual contact & IDU & Heterosexual contact | 2 | 1% | 1 | 1% | 3 | 2% | 1 | 1% | 1 | 1% | 108 | 2% |
| Perinatal exposure | - | - | - | - | 1 | 1% | - | - | - | - | 30 | 1% |
| Other/unknown | 7 | 4% | 11 | 8% | 9 | 7% | 13 | 14% | 7 | 7% | 450 | 8% |
| Total | 169 | | 131 | | 123 | | 93 | | 105 | | 5,430 | |

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 Hamilton County

As of June 30, 2024

Reported persons living with diagnosed HIV infection in 2023 by current disease status and selected characteristics, Hamilton 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 | 628.9 | 2,527 | 77% | 1,309 | 75% | 1,218 | 79% |
| Females | 178.9 | 761 | 23% | 441 | 25% | 320 | 21% |
| Age at end of year (years) | | | | | | | |
| 0-9 | * | 1 | <1% | 1 | <1% | - | - |
| 10-14 | 13.3 | 7 | <1% | 6 | <1% | 1 | <1% |
| 15-19 | 31.4 | 18 | 1% | 18 | 1% | - | - |
| 20-24 | 163.6 | 87 | 3% | 72 | 4% | 15 | 1% |
| 25-29 | 415.8 | 249 | 8% | 196 | 11% | 53 | 3% |
| 30-34 | 649.8 | 406 | 12% | 269 | 15% | 137 | 9% |
| 35-39 | 739.1 | 418 | 13% | 251 | 14% | 167 | 11% |
| 40-44 | 651.9 | 335 | 10% | 186 | 11% | 149 | 10% |
| 45-49 | 646.4 | 282 | 9% | 143 | 8% | 139 | 9% |
| 50-54 | 689.6 | 316 | 10% | 139 | 8% | 177 | 12% |
| 55-64 | 771.9 | 772 | 23% | 311 | 18% | 461 | 30% |
| 65+ | 281.6 | 397 | 12% | 158 | 9% | 239 | 16% |
| Race/Ethnicity^b | | | | | | | |
| American Indian/Alaska Native | * | 1 | <1% | - | - | 1 | <1% |
| Asian/Pacific Islander | 69.7 | 17 | 1% | 12 | 1% | 5 | <1% |
| Black/African American | 901.0 | 1,949 | 59% | 1,024 | 59% | 925 | 60% |
| Hispanic/Latino | 352.2 | 142 | 4% | 76 | 4% | 66 | 4% |
| White | 191.9 | 1,004 | 31% | 543 | 31% | 461 | 30% |
| Multi-Race | 791.2 | 172 | 5% | 92 | 5% | 80 | 5% |
| Unknown | * | 3 | <1% | 3 | <1% | - | - |
| Race/Ethnicity^b and Sex at birth | | | | | | | |
| American Indian/Alaska Native Males | * | 1 | <1% | - | - | 1 | <1% |
| American Indian/Alaska Native Females | * | - | - | - | - | - | - |
| Asian/Pacific Islander Males | 98.1 | 12 | <1% | 11 | 1% | 1 | <1% |
| Asian/Pacific Islander Females | 41.1 | 5 | <1% | 1 | <1% | 4 | <1% |
| Black/African American Males | 1,451.8 | 1,454 | 44% | 740 | 42% | 714 | 46% |
| Black/African American Females | 426.1 | 495 | 15% | 284 | 16% | 211 | 14% |
| Hispanic/Latino Males | 567.8 | 118 | 4% | 60 | 3% | 58 | 4% |
| Hispanic/Latina Females | 122.9 | 24 | 1% | 16 | 1% | 8 | 1% |
| White Males | 314.2 | 809 | 25% | 426 | 24% | 383 | 25% |
| White Females | 73.4 | 195 | 6% | 117 | 7% | 78 | 5% |
| Multi-Race Males | 1,232.9 | 130 | 4% | 69 | 4% | 61 | 4% |
| Multi-Race Females | 375.2 | 42 | 1% | 23 | 1% | 19 | 1% |
| Unknown | * | 3 | <1% | 3 | <1% | - | - |
| Total | 397.6 | 3,288 | | 1,750 | | 1,538 | |

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, Hamilton 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 | 1,681 | 67% | 862 | 66% | 819 | 68% |
| Injection drug use (IDU) | 118 | 5% | 64 | 5% | 54 | 4% |
| Male-to-male sexual contact and IDU | 116 | 5% | 52 | 4% | 64 | 5% |
| Heterosexual contact | 113 | 4% | 48 | 4% | 65 | 5% |
| Other/unknown | 484 | 19% | 273 | 21% | 211 | 17% |
| Subtotal | 2,512 | 100% | 1,299 | 100% | 1,213 | 100% |
| Female adult or adolescent | | | | | | |
| Injection drug use | 109 | 15% | 62 | 14% | 47 | 15% |
| Heterosexual contact | 582 | 78% | 327 | 76% | 255 | 82% |
| Other/unknown | 52 | 7% | 42 | 10% | 10 | 3% |
| Subtotal | 743 | 100% | 431 | 100% | 312 | 100% |
| Child (<13 years at diagnosis) | | | | | | |
| Perinatal | 28 | 85% | 17 | 85% | 11 | 85% |
| Other/unknown | 5 | 15% | 3 | 15% | 2 | 15% |
| Subtotal | 33 | 100% | 20 | 100% | 13 | 100% |
| Total | 3,288 | | 1,750 | | 1,538 | |

Reported persons living with diagnosed HIV infection in 2023 by current disease status and exposure category, Hamilton 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 | 1,208 | 37% | 643 | 37% | 565 | 37% |
| Injection drug use (IDU) only | 34 | 1% | 22 | 1% | 12 | 1% |
| Heterosexual contact only | 969 | 29% | 502 | 29% | 467 | 30% |
| Male-to-male sexual contact & IDU | 61 | 2% | 33 | 2% | 28 | 2% |
| IDU & Heterosexual contact | 193 | 6% | 104 | 6% | 89 | 6% |
| Male-to-male sexual contact & Heterosexual contact | 473 | 14% | 219 | 13% | 254 | 17% |
| Male-to-male sexual contact & IDU & Heterosexual contact | 55 | 2% | 19 | 1% | 36 | 2% |
| Perinatal exposure | 29 | 1% | 18 | 1% | 11 | 1% |
| Other/unknown | 266 | 8% | 190 | 11% | 76 | 5% |
| Total | 3,288 | | 1,750 | | 1,538 | |

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, Hamilton 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 | * | - | - | * | - | - | * | 1 | <1% | * | - | - | * | - | - | * | - | - |
| 10-14 | * | - | - | * | - | - | 35.3 | 6 | <1% | * | 1 | 1% | * | - | - | * | - | - |
| 15-19 | * | - | - | * | - | - | 78.6 | 13 | 1% | * | 3 | 2% | * | 2 | <1% | * | - | - |
| 20-24 | * | - | - | * | - | - | 485.1 | 69 | 4% | * | 4 | 3% | 22.1 | 7 | 1% | 338.7 | 7 | 4% |
| 25-29 | * | - | - | * | 2 | 12% | 1,131.7 | 170 | 9% | 613.9 | 19 | 13% | 115.3 | 43 | 4% | 759.1 | 15 | 9% |
| 30-34 | * | - | - | * | 1 | 6% | 1,584.8 | 267 | 14% | 524.5 | 15 | 11% | 242.4 | 94 | 9% | 1,960.8 | 29 | 17% |
| 35-39 | * | - | - | * | 4 | 24% | 1,814.6 | 260 | 13% | 601.3 | 16 | 11% | 306.5 | 111 | 11% | 2,641.9 | 27 | 16% |
| 40-44 | * | - | - | * | 4 | 24% | 1,463.8 | 191 | 10% | 617.3 | 16 | 11% | 325.6 | 107 | 11% | 1,995.3 | 17 | 10% |
| 45-49 | * | - | - | * | 2 | 12% | 1,438.4 | 157 | 8% | 1,124.2 | 22 | 15% | 318.1 | 90 | 9% | 1,534.2 | 11 | 6% |
| 50-54 | * | - | - | * | 1 | 6% | 1,426.8 | 173 | 9% | 946.7 | 16 | 11% | 366.4 | 110 | 11% | 2,631.6 | 15 | 9% |
| 55-64 | * | 1 | 100% | * | 3 | 18% | 1,701.0 | 419 | 21% | 1,072.4 | 24 | 17% | 407.2 | 286 | 28% | 4,732.3 | 38 | 22% |
| 65+ | * | - | - | * | - | - | 736.8 | 223 | 11% | 302.9 | 6 | 4% | 146.3 | 154 | 15% | 1,677.4 | 13 | 8% |
| Total | * | 1 | | 69.7 | 17 | | 901.0 | 1,949 | | 352.2 | 142 | | 191.9 | 1,004 | | 791.2 | 172 | |

Reported persons living with diagnosed HIV infection in 2023 by race/ethnicity and transmission category, Hamilton 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 | 1 | 100% | 8 | 67% | 922 | 64% | 71 | 61% | 587 | 73% | 92 | 71% |
| Injection drug use (IDU) | - | - | - | - | 41 | 3% | 6 | 5% | 64 | 8% | 7 | 5% |
| Male-to-male sexual contact and IDU | - | - | - | - | 42 | 3% | 4 | 3% | 66 | 8% | 4 | 3% |
| Heterosexual contact | - | - | - | - | 99 | 7% | 8 | 7% | 4 | 0% | 2 | 2% |
| Other/unknown | - | - | 4 | 33% | 340 | 24% | 27 | 23% | 86 | 11% | 24 | 19% |
| Subtotal | 1 | 100% | 12 | 100% | 1,444 | 100% | 116 | 100% | 807 | 100% | 129 | 100% |
| Female adult or adolescent | | | | | | | | | | | | |
| Injection drug use | - | - | - | - | 25 | 5% | 4 | 17% | 75 | 39% | 5 | 13% |
| Heterosexual contact | - | - | 4 | 80% | 426 | 88% | 18 | 75% | 100 | 53% | 34 | 85% |
| Other/unknown | - | - | 1 | 20% | 33 | 7% | 2 | 8% | 15 | 8% | 1 | 3% |
| Subtotal | - | - | 5 | 100% | 484 | 100% | 24 | 100% | 190 | 100% | 40 | 100% |
| Child (<13 years at diagnosis) | | | | | | | | | | | | |
| Perinatal | - | - | - | - | 18 | 86% | 2 | 100% | 6 | 86% | 2 | 67% |
| Other/unknown | - | - | - | - | 3 | 14% | - | - | 1 | 14% | 1 | 33% |
| Subtotal | - | - | - | - | 21 | 100% | 2 | 100% | 7 | 100% | 3 | 100% |
| Total | 1 | | 17 | | 1,949 | | 142 | | 1,004 | | 172 | |

Reported persons living with diagnosed HIV infection in 2023 by race/ethnicity and exposure category, Hamilton 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 | 1 | 100% | 8 | 47% | 601 | 31% | 54 | 38% | 480 | 48% | 64 | 37% |
| Injection drug use (IDU) only | - | - | - | - | 15 | 1% | 3 | 2% | 14 | 1% | 2 | 1% |
| Heterosexual contact only | - | - | 5 | 29% | 735 | 38% | 40 | 28% | 138 | 14% | 51 | 30% |
| Male-to-male sexual contact & IDU | - | - | - | - | 16 | 1% | 3 | 2% | 41 | 4% | 1 | 1% |
| IDU & Heterosexual contact | - | - | - | - | 51 | 3% | 7 | 5% | 125 | 12% | 10 | 6% |
| Male-to-male sexual contact & Heterosexual contact | - | - | - | - | 321 | 16% | 17 | 12% | 107 | 11% | 28 | 16% |
| Male-to-male sexual contact & IDU & Heterosexual contact | - | - | - | - | 26 | 1% | 1 | 1% | 25 | 2% | 3 | 2% |
| Perinatal exposure | - | - | - | - | 19 | 1% | 2 | 1% | 6 | 1% | 2 | 1% |
| Other/unknown | - | - | 4 | 24% | 165 | 8% | 15 | 11% | 68 | 7% | 11 | 6% |
| Total | 1 | | 17 | | 1,949 | | 142 | | 1,004 | | 172 | |

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, Hamilton 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 | 627.0 | 2,477 | 77% | 638.2 | 2,523 | 77% | 631.9 | 2,537 | 77% | 626.4 | 2,514 | 77% | 628.9 | 2,527 | 77% |
| Females | 174.2 | 736 | 23% | 176.7 | 747 | 23% | 179.0 | 760 | 23% | 179.8 | 762 | 23% | 178.9 | 761 | 23% |
| Age at end of year (years) | | | | | | | | | | | | | | | |
| 0-9 | 4.8 | 5 | <1% | * | 4 | <1% | * | 3 | <1% | * | 2 | <1% | * | 1 | <1% |
| 10-14 | * | 3 | <1% | * | 4 | <1% | 11.2 | 6 | <1% | 11.5 | 6 | <1% | 13.3 | 7 | <1% |
| 15-19 | 46.1 | 25 | 1% | 43.1 | 23 | 1% | 28.9 | 16 | <1% | 34.3 | 19 | 1% | 31.4 | 18 | 1% |
| 20-24 | 253.1 | 133 | 4% | 223.4 | 118 | 4% | 205.6 | 109 | 3% | 183.0 | 101 | 3% | 163.6 | 87 | 3% |
| 25-29 | 482.0 | 310 | 10% | 456.0 | 288 | 9% | 456.4 | 280 | 8% | 415.7 | 252 | 8% | 415.8 | 249 | 8% |
| 30-34 | 703.4 | 427 | 13% | 677.8 | 420 | 13% | 714.5 | 447 | 14% | 675.5 | 420 | 13% | 649.8 | 406 | 12% |
| 35-39 | 593.0 | 313 | 10% | 676.6 | 363 | 11% | 684.0 | 380 | 12% | 722.6 | 402 | 12% | 739.1 | 418 | 13% |
| 40-44 | 639.0 | 290 | 9% | 623.0 | 290 | 9% | 609.3 | 299 | 9% | 612.8 | 307 | 9% | 651.9 | 335 | 10% |
| 45-49 | 671.9 | 308 | 10% | 734.0 | 325 | 10% | 708.3 | 309 | 9% | 705.5 | 303 | 9% | 646.4 | 282 | 9% |
| 50-54 | 860.6 | 417 | 13% | 819.8 | 390 | 12% | 696.5 | 337 | 10% | 699.2 | 330 | 10% | 689.6 | 316 | 10% |
| 55-64 | 689.8 | 743 | 23% | 717.3 | 761 | 23% | 741.6 | 786 | 24% | 750.3 | 769 | 23% | 771.9 | 772 | 23% |
| 65+ | 185.7 | 239 | 7% | 214.8 | 284 | 9% | 244.4 | 325 | 10% | 263.2 | 365 | 11% | 281.6 | 397 | 12% |
| Race/Ethnicity^b | | | | | | | | | | | | | | | |
| American Indian/Alaska Native | * | 1 | <1% | * | 1 | <1% | * | 1 | <1% | * | 1 | <1% | * | 1 | <1% |
| Asian/Pacific Islander | 79.3 | 19 | 1% | 84.9 | 21 | 1% | 72.9 | 18 | 1% | 72.4 | 18 | 1% | 69.7 | 17 | 1% |
| Black/African American | 863.4 | 1,850 | 58% | 876.6 | 1,880 | 57% | 884.9 | 1,916 | 58% | 887.4 | 1,919 | 59% | 901.0 | 1,949 | 59% |
| Hispanic/Latino | 392.1 | 114 | 4% | 387.5 | 118 | 4% | 410.6 | 132 | 4% | 395.8 | 133 | 4% | 352.2 | 142 | 4% |
| White | 198.6 | 1,052 | 33% | 201.2 | 1,061 | 32% | 198.1 | 1,052 | 32% | 194.0 | 1,024 | 31% | 191.9 | 1,004 | 31% |
| Multi-Race | 907.2 | 174 | 5% | 932.8 | 186 | 6% | 848.2 | 175 | 5% | 836.7 | 178 | 5% | 791.2 | 172 | 5% |
| Unknown | * | 3 | <1% | * | 3 | <1% | * | 3 | <1% | * | 3 | <1% | * | 3 | <1% |
| Race/Ethnicity^b and Sex at birth | | | | | | | | | | | | | | | |
| American Indian/Alaska Native Males | * | 1 | <1% | * | 1 | <1% | * | 1 | <1% | * | 1 | <1% | * | 1 | <1% |
| American Indian/Alaska Native Females | * | - | - | * | - | - | * | - | - | * | - | - | * | - | - |
| Asian/Pacific Islander Males | 134.3 | 16 | <1% | 137.1 | 17 | 1% | 113.3 | 14 | <1% | 119.6 | 15 | <1% | 98.1 | 12 | <1% |
| Asian/Pacific Islander Females | * | 3 | <1% | * | 4 | <1% | * | 4 | <1% | * | 3 | <1% | 41.1 | 5 | <1% |
| Black/African American Males | 1,389.9 | 1,374 | 43% | 1,411.9 | 1,398 | 43% | 1,415.5 | 1,423 | 43% | 1,412.9 | 1,420 | 43% | 1,451.8 | 1,454 | 44% |
| Black/African American Females | 412.4 | 476 | 15% | 417.5 | 482 | 15% | 425.0 | 493 | 15% | 431.1 | 499 | 15% | 426.1 | 495 | 15% |
| Hispanic/Latino Males | 608.7 | 91 | 3% | 623.8 | 97 | 3% | 672.4 | 111 | 3% | 641.5 | 111 | 3% | 567.8 | 118 | 4% |
| Hispanic/Latina Females | 162.9 | 23 | 1% | 141.0 | 21 | 1% | 134.3 | 21 | 1% | 135.0 | 22 | 1% | 122.9 | 24 | 1% |
| White Males | 329.9 | 856 | 27% | 333.5 | 861 | 26% | 325.0 | 850 | 26% | 317.6 | 826 | 25% | 314.2 | 809 | 25% |
| White Females | 72.5 | 196 | 6% | 74.3 | 200 | 6% | 75.0 | 202 | 6% | 73.9 | 198 | 6% | 73.4 | 195 | 6% |
| Multi-Race Males | 1,460.5 | 136 | 4% | 1,513.7 | 146 | 4% | 1,356.4 | 135 | 4% | 1,338.4 | 138 | 4% | 1,232.9 | 130 | 4% |
| Multi-Race Females | 385.1 | 38 | 1% | 388.5 | 40 | 1% | 374.6 | 40 | 1% | 364.9 | 40 | 1% | 375.2 | 42 | 1% |
| Unknown | * | 3 | <1% | * | 3 | <1% | * | 3 | <1% | * | 3 | <1% | * | 3 | <1% |
| Total | 393.0 | 3,213 | | 399.8 | 3,270 | | 399.1 | 3,297 | | 397.1 | 3,276 | | 397.6 | 3,288 | |

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, Hamilton 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 | 1,705 | 69% | 1,714 | 68% | 1,703 | 68% | 1,688 | 68% | 1,681 | 67% |
| Injection drug use (IDU) | 130 | 5% | 142 | 6% | 136 | 5% | 134 | 5% | 118 | 5% |
| Male-to-male sexual contact and IDU | 117 | 5% | 116 | 5% | 123 | 5% | 111 | 4% | 116 | 5% |
| Heterosexual contact | 122 | 5% | 119 | 5% | 116 | 5% | 113 | 5% | 113 | 4% |
| Other/unknown | 392 | 16% | 418 | 17% | 444 | 18% | 453 | 18% | 484 | 19% |
| Subtotal | 2,466 | 100% | 2,509 | 100% | 2,522 | 100% | 2,499 | 100% | 2,512 | 100% |
| Female adult or adolescent | | | | | | | | | | |
| Injection drug use | 115 | 16% | 122 | 17% | 118 | 16% | 115 | 15% | 109 | 15% |
| Heterosexual contact | 562 | 78% | 566 | 77% | 579 | 78% | 580 | 78% | 582 | 78% |
| Other/unknown | 40 | 6% | 43 | 6% | 46 | 6% | 51 | 7% | 52 | 7% |
| Subtotal | 717 | 100% | 731 | 100% | 743 | 100% | 746 | 100% | 743 | 100% |
| Child (<13 years at diagnosis) | | | | | | | | | | |
| Perinatal | 26 | 87% | 27 | 90% | 29 | 91% | 27 | 87% | 28 | 85% |
| Other/unknown | 4 | 13% | 3 | 10% | 3 | 9% | 4 | 13% | 5 | 15% |
| Subtotal | 30 | 100% | 30 | 100% | 32 | 100% | 31 | 100% | 33 | 100% |
| Total | 3,213 | | 3,270 | | 3,297 | | 3,276 | | 3,288 | |

Trends in reported persons living with diagnosed HIV infection by year of diagnosis and exposure category, Hamilton 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 | 1,218 | 38% | 1,222 | 37% | 1,231 | 37% | 1,222 | 37% | 1,208 | 37% |
| Injection drug use (IDU) only | 31 | 1% | 34 | 1% | 36 | 1% | 38 | 1% | 34 | 1% |
| Heterosexual contact only | 907 | 28% | 927 | 28% | 958 | 29% | 957 | 29% | 969 | 29% |
| Male-to-male sexual contact & IDU | 60 | 2% | 58 | 2% | 58 | 2% | 58 | 2% | 61 | 2% |
| IDU & Heterosexual contact | 214 | 7% | 230 | 7% | 218 | 7% | 211 | 6% | 193 | 6% |
| Male-to-male sexual contact & Heterosexual contact | 487 | 15% | 492 | 15% | 472 | 14% | 466 | 14% | 473 | 14% |
| Male-to-male sexual contact & IDU & Heterosexual contact | 57 | 2% | 58 | 2% | 65 | 2% | 53 | 2% | 55 | 2% |
| Perinatal exposure | 28 | 1% | 29 | 1% | 31 | 1% | 28 | 1% | 29 | 1% |
| Other/unknown | 211 | 7% | 220 | 7% | 228 | 7% | 243 | 7% | 266 | 8% |
| Total | 3,213 | | 3,270 | | 3,297 | | 3,276 | | 3,288 | |

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.