



HIV Care Continuum, Region 4, 2019

Ohio Department of Health
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HIV Surveillance Program
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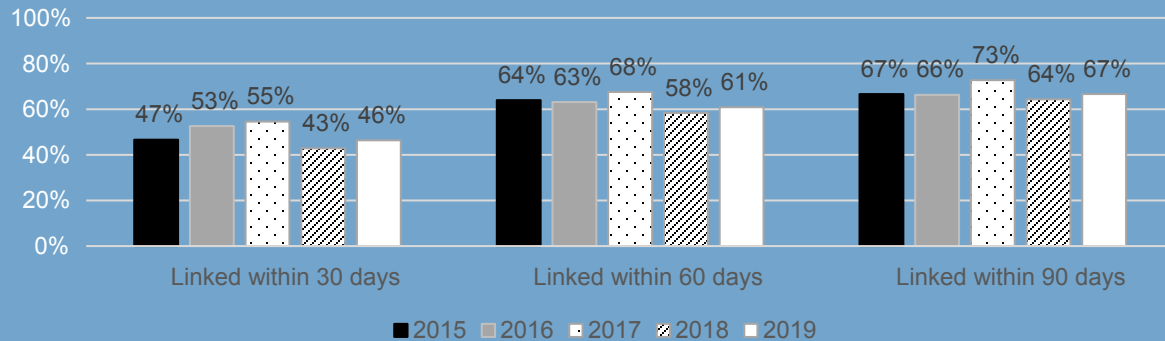


Department
of Health

Linkage to Care, Region 4, 2015-2019

- The objective is for 85% of new diagnoses of HIV to be linked to care within 30 days of HIV diagnosis.
- In 2019, 46% of the new reported diagnoses of HIV among persons aged ≥13 years in Region 4 were linked to care within 30 days of diagnosis, 61% were linked within 60 days, and 67% were linked within 90 days.
- Of those who were diagnosed with HIV in 2019 and linked to care, the average length of time to be linked to care after diagnosis was 46 days.

Linkage to Care, Region 4, 2015-2019



Notes:

To calculate a care continuum and other related measurements for persons in Ohio diagnosed with HIV infection, HIV Surveillance data are used, including information on CD4 levels of T-lymphocytes (CD4) and viral load results (VL). As of July 1, 2014, Ohio's HIV reporting rules stipulate that all levels of CD4s and VLs are required to be reported for persons diagnosed with HIV living in Ohio. This report is based on the information reported to HIV Surveillance, which includes data from the Ohio Disease Reporting System and the Ryan White Application Database.

Numerator: Of the denominator, the number having at least one CD4 and/or VL test within 30, 60, and 90 days of the date of HIV diagnosis.

Denominator: The number of new diagnoses of HIV infection in Region 4 among persons aged ≥13 years in each year.

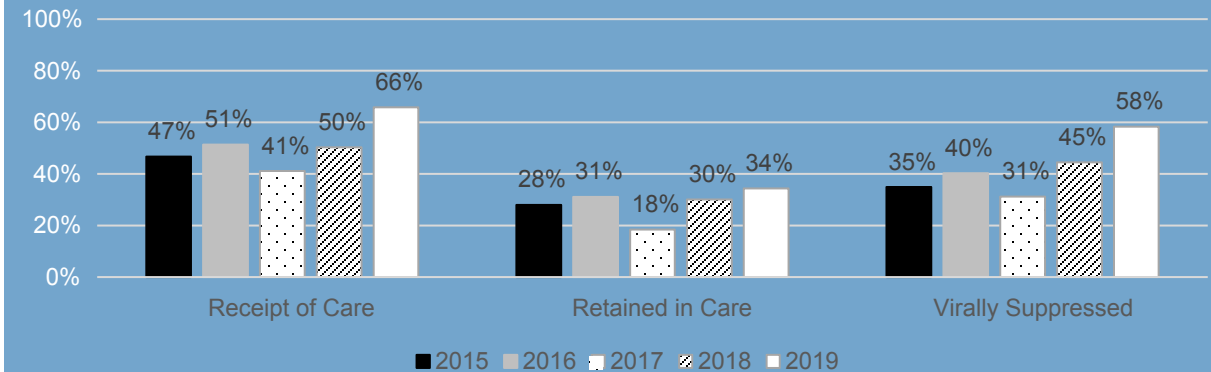
Reported new diagnoses of HIV infection include persons with a diagnosis of HIV (not AIDS), a diagnosis of HIV and an AIDS diagnosis within 12 months (HIV & later AIDS), and concurrent diagnoses of HIV and AIDS (AIDS) who were residents of Ohio at time of initial diagnosis. New diagnoses of HIV infection represent all persons confidentially tested and reported with a diagnosis of HIV infection not previously reported to the Ohio Department of Health (ODH).

Source: Ohio Department of Health, HIV Surveillance Program. Data reported through April 30, 2021.

Persons Living With Diagnosed HIV, Continuum of Care, Region 4, 2015-2019

- Of the persons living with HIV in Region 4 at the end of 2019 who were in receipt of care, and still living in Region 4 at the end of 2020, 89% were virally suppressed.
- Thirty-four percent of the persons living with HIV at the end of 2019, and still living in Region 4 at the end of 2020, did not have a CD4 or VL test in 2020. These persons are considered to be 'out of care,' and have an 'unmet need.'

Persons Living With Diagnosed HIV, Continuum of Care, Region 4, 2015-2019



Numerator Definitions:

Receipt of Care: Having at least one CD4 and/or VL test through the end of the following year (e.g., living with HIV as of Dec. 31, 2019, and having a CD4/VL test in 2020).

Retained in Care: Having at least two CD4 and/or VL tests at least three months apart through the end of the following year (e.g., living with HIV as of Dec. 31, 2019, and having at least two CD4/VL tests three months apart in 2020).

Virally Suppressed: The most recent VL test in the following year was <200 copies/mL (e.g., living with HIV as of Dec. 31, 2019, and the most recent VL test in 2020 was <200 copies/mL).

Denominator: The number of persons aged ≥13 years living with HIV infection through the end of each year, and still living in Region 4 at the end of the next year (e.g., living with HIV as of Dec. 31, 2019, and still living in Region 4 as of Dec. 31, 2020).

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

Linkage to Care, Region 4, 2019

| | Linkage to Care | | | | | | |
|-----------------------------------|-----------------------|------------|-----------------------|------------|-----------------------|------------|-------------|
| | 2019 | | | | | | |
| | Numerator | | | | | | Denominator |
| | Linked within 30 days | | Linked within 60 days | | Linked within 90 days | | Total |
| Sex at birth | No. | % | No. | % | No. | % | |
| Male | 25 | 45% | 33 | 59% | 36 | 64% | 56 |
| Female | 7 | 54% | 9 | 69% | 10 | 77% | 13 |
| Age | | | | | | | |
| 13-14 | – | – | – | – | – | – | – |
| 15-19 | 1 | 50% | 1 | 50% | 1 | 50% | 2 |
| 20-24 | 5 | 31% | 9 | 56% | 11 | 69% | 16 |
| 25-29 | 3 | 27% | 5 | 45% | 6 | 55% | 11 |
| 30-34 | 2 | 29% | 2 | 29% | 2 | 29% | 7 |
| 35-39 | 3 | 75% | 3 | 75% | 3 | 75% | 4 |
| 40-44 | 4 | 57% | 5 | 71% | 5 | 71% | 7 |
| 45-49 | 2 | 29% | 3 | 43% | 4 | 57% | 7 |
| 50-54 | 4 | 80% | 5 | 100% | 5 | 100% | 5 |
| 55-64 | 7 | 78% | 8 | 89% | 8 | 89% | 9 |
| 65+ | 1 | 100% | 1 | 100% | 1 | 100% | 1 |
| Race/Ethnicity | | | | | | | |
| American Indian/Alaska Native | – | – | – | – | – | – | – |
| Asian/Pacific Islander | – | – | – | – | – | – | – |
| Black/African-American | 13 | 35% | 19 | 51% | 22 | 59% | 37 |
| Hispanic/Latino | 1 | 50% | 1 | 50% | 1 | 50% | 2 |
| White | 17 | 61% | 21 | 75% | 22 | 79% | 28 |
| Multi-race | 1 | 50% | 1 | 50% | 1 | 50% | 2 |
| Transmission Category | | | | | | | |
| Male-to-male sexual contact | 17 | 46% | 24 | 65% | 25 | 68% | 37 |
| Male IDU | 1 | 33% | 2 | 67% | 2 | 67% | 3 |
| Male-to-male sexual contact & IDU | 1 | 20% | 1 | 20% | 2 | 40% | 5 |
| Male heterosexual contact | 1 | 50% | 1 | 50% | 1 | 50% | 2 |
| Male other/unknown | 5 | 56% | 5 | 56% | 6 | 67% | 9 |
| Female IDU | 1 | 100% | 1 | 100% | 1 | 100% | 1 |
| Female heterosexual contact | 6 | 50% | 8 | 67% | 9 | 75% | 12 |
| Female other/unknown | – | – | – | – | – | – | – |
| Total | 32 | 46% | 42 | 61% | 46 | 67% | 69 |

Notes:

Numerator: Of the denominator, the number having at least one CD4 and/or VL test within 30, 60, and 90 days of the date of HIV diagnosis.

Denominator: The number of new diagnoses of HIV infection in Region 4 among persons aged ≥13 years in each year.

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.

Male and female refer to sex assigned at birth.

Hispanics/Latinos may be of any race. In this report, 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.

Transmission categories are mutually exclusive, hierarchical categories defined 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.

Region 4: Columbiana, Mahoning, Portage, Summit, Trumbull Counties.

Dash (–) indicates no cases were reported for the given category. Small numbers should be interpreted with caution.

Source: Ohio Department of Health, HIV Surveillance Program. Data reported through April 30, 2021.

Persons Living with Diagnosed HIV, Continuum of Care, Region 4, 2019

| | Continuum of Care | | | | | | |
|-----------------------------------|-------------------|------------|------------|------------|-------------------|------------|--------------|
| | 2019 | | | | | | |
| | Numerator | | | | | | Denominator |
| | Receipt | | Retain | | Viral Suppression | | Total |
| | No. | % | No. | % | No. | % | |
| Sex at Birth | | | | | | | |
| Male | 879 | 66% | 453 | 34% | 786 | 59% | 1,331 |
| Female | 262 | 65% | 142 | 35% | 225 | 56% | 402 |
| Age | | | | | | | |
| 13-14 | 1 | 100% | 1 | 100% | 1 | 100% | 1 |
| 15-19 | 3 | 50% | 2 | 33% | 3 | 50% | 6 |
| 20-24 | 38 | 68% | 19 | 34% | 29 | 52% | 56 |
| 25-29 | 73 | 59% | 29 | 23% | 60 | 48% | 124 |
| 30-34 | 109 | 74% | 54 | 36% | 92 | 62% | 148 |
| 35-39 | 84 | 65% | 42 | 32% | 71 | 55% | 130 |
| 40-44 | 103 | 67% | 56 | 36% | 91 | 59% | 154 |
| 45-49 | 99 | 56% | 53 | 30% | 81 | 46% | 176 |
| 50-54 | 192 | 68% | 91 | 32% | 175 | 62% | 281 |
| 55-64 | 334 | 69% | 176 | 37% | 311 | 65% | 482 |
| 65+ | 105 | 60% | 72 | 41% | 97 | 55% | 175 |
| Race/Ethnicity | | | | | | | |
| American Indian/Alaska Native | 1 | 100% | 1 | 100% | - | -- | 1 |
| Asian/Pacific Islander | 5 | 45% | 3 | 27% | 3 | 27% | 11 |
| Black/African-American | 443 | 64% | 224 | 32% | 376 | 54% | 694 |
| Hispanic/Latino | 83 | 67% | 43 | 35% | 76 | 62% | 123 |
| White | 555 | 68% | 296 | 36% | 514 | 63% | 817 |
| Multi-race | 54 | 77% | 28 | 40% | 42 | 60% | 70 |
| Unknown | - | - | - | - | - | - | 17 |
| Transmission Category | | | | | | | |
| Male-to-male sexual contact | 638 | 71% | 327 | 36% | 577 | 64% | 900 |
| Male IDU | 31 | 62% | 16 | 32% | 27 | 54% | 50 |
| Male-to-male sexual contact & IDU | 51 | 66% | 26 | 34% | 42 | 55% | 77 |
| Male heterosexual contact | 51 | 68% | 23 | 31% | 42 | 56% | 75 |
| Male other/unknown | 100 | 46% | 57 | 26% | 92 | 42% | 218 |
| Female IDU | 31 | 67% | 15 | 33% | 29 | 63% | 46 |
| Female heterosexual contact | 208 | 69% | 115 | 38% | 179 | 59% | 301 |
| Female other/unknown | 18 | 38% | 8 | 17% | 13 | 28% | 47 |
| Pediatric | 13 | 68% | 8 | 42% | 10 | 53% | 19 |
| Total | 1,141 | 66% | 595 | 34% | 1,011 | 58% | 1,733 |

Notes:

Receipt of Care: Having at least one CD4 and/or VL test through the end of the following year. Retained in Care: having at least two CD4 and/or VL tests at least three months apart through the end of the following year. Virally Suppressed: The most recent VL test in the following year was <200 copies/mL.

Denominator: The number of persons aged ≥13 years living with HIV infection through the end of each year, and still living in Region 4 at the end of the next year.

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Pediatric transmission category refers to persons aged <13 years at time of initial diagnosis, who are currently aged ≥13 years.

Region 4: Columbiana, Mahoning, Portage, Summit, Trumbull Counties.

Dash (-) indicates no cases were reported for the given category. Small numbers should be interpreted with caution.

Source: Ohio Department of Health, HIV Surveillance Program. Data reported through April 30, 2021.