



HIV Care Continuum, Region 1, 2019

Ohio Department of Health
Bureau of Infectious Diseases
HIV Surveillance Program
246 N. High St.
Columbus, OH 43215
614-387-2722

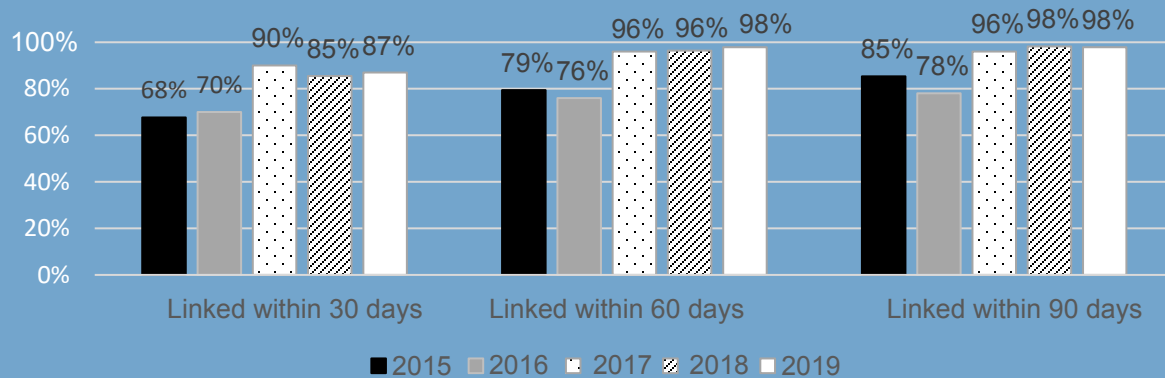


Department of Health

Linkage to Care, Region 1, 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, 87% of the new reported diagnoses of HIV among persons aged ≥13 years in Region 1 were linked to care within 30 days of diagnosis, 98% were linked within 60 days, and 98% 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 12 days.

Linkage to Care, Region 1, 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 1 among persons aged ≥13 years in each year.

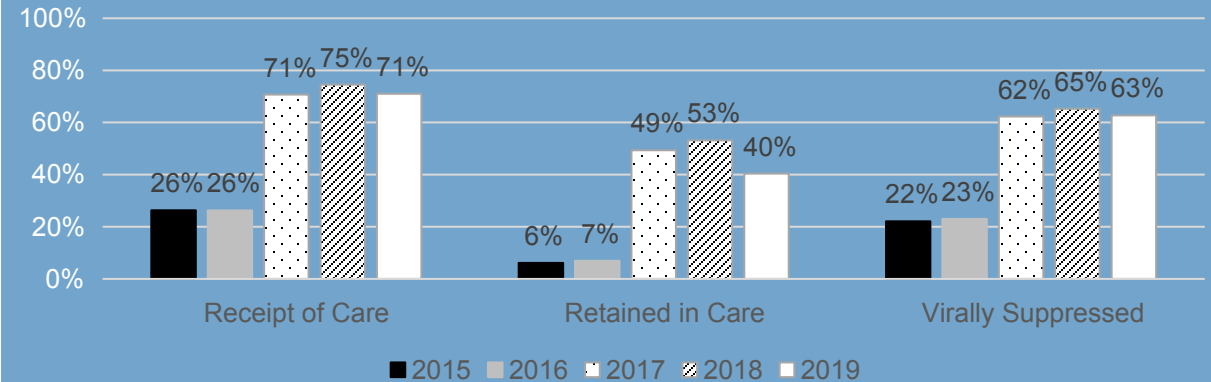
Reported new diagnoses of HIV infection include persons with a diagnosis of HIV (not AIDS), a diagnosis of HIV and an AIDS diagnosis within 12 months (HIV & later AIDS), and concurrent diagnoses of HIV and AIDS (AIDS) who were residents of Ohio at time of initial diagnosis. New diagnoses of HIV Infection 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 1, 2015-2019

- Of the persons living with HIV in Region 1 at the end of 2019 who were in receipt of care, and still living in Region 1 at the end of 2020, 88% were virally suppressed.
- Twenty-nine percent of the persons living with HIV at the end of 2019, and still living in Region 1 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 1, 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 1 at the end of the next year (e.g., living with HIV as of Dec.31, 2019, and still living in Region 1 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 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.

Linkage to Care, Region 1, 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	35	85%	40	98%	40	98%	41
Female	5	100%	5	100%	5	100%	5
Age							
13-14	–	–	–	–	–	–	–
15-19	–	–	–	–	–	–	–
20-24	10	83%	11	92%	11	92%	12
25-29	2	67%	3	100%	3	100%	3
30-34	6	86%	7	100%	7	100%	7
35-39	3	75%	4	100%	4	100%	4
40-44	6	100%	6	100%	6	100%	6
45-49	4	100%	4	100%	4	100%	4
50-54	2	100%	2	100%	2	100%	2
55-64	4	80%	5	100%	5	100%	5
65+	3	100%	3	100%	3	100%	3
Race/Ethnicity							
American Indian/Alaska Native	–	–	–	–	–	–	–
Asian/Pacific Islander	–	–	–	–	–	–	–
Black/African-American	17	85%	20	100%	20	100%	20
Hispanic/Latino	6	100%	6	100%	6	100%	6
White	16	84%	18	95%	18	95%	19
Multi-race	1	100%	1	100%	1	100%	1
Transmission Category							
Male-to-male sexual contact	24	83%	29	100%	29	100%	29
Male IDU	–	–	–	–	–	–	–
Male-to-male sexual contact & IDU	3	75%	3	75%	3	75%	4
Male heterosexual contact	1	100%	1	100%	1	100%	1
Male other/unknown	7	100%	7	100%	7	100%	7
Female IDU	–	–	–	–	–	–	–
Female heterosexual contact	5	100%	5	100%	5	100%	5
Female other/unknown	–	–	–	–	–	–	–
Total	40	87%	45	98%	45	98%	46

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 1 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 non 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 1: Defiance, Fulton, Henry, Lucas, Ottawa, Sandusky, Williams, Wood 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.

Continuum of Care

	2019						
	Numerator						Denominator
	Receipt		Retain		Viral Suppression		Total
	No.	%	No.	%	No.	%	
Sex at Birth							
Male	684	71%	402	42%	611	64%	960
Female	207	70%	105	36%	176	60%	295
Age							
13-14	1	100%	–	–	1	100%	1
15-19	4	57%	3	43%	3	43%	7
20-24	30	75%	14	35%	27	68%	40
25-29	60	75%	29	36%	49	61%	80
30-34	72	71%	39	38%	64	63%	102
35-39	59	66%	33	37%	48	53%	90
40-44	81	66%	44	36%	67	54%	123
45-49	141	74%	74	39%	122	64%	191
50-54	134	71%	69	37%	118	63%	188
55-64	230	71%	146	45%	216	67%	324
65+	79	72%	56	51%	72	66%	109
Race/Ethnicity							
American Indian/Alaska Native	–	–	–	–	–	–	1
Asian/Pacific Islander	3	43%	1	14%	3	43%	7
Black/African-American	357	67%	195	37%	300	56%	533
Hispanic/Latino	73	76%	42	44%	62	65%	96
White	429	75%	254	44%	399	70%	574
Multi-race	29	74%	15	38%	23	59%	39
Unknown	–	–	–	–	–	–	5
Transmission Category							
Male-to-male sexual contact	518	73%	303	43%	465	66%	705
Male IDU	22	79%	13	46%	20	71%	28
Male-to-male sexual contact & IDU	48	72%	31	46%	43	64%	67
Male heterosexual contact	55	67%	32	39%	47	57%	82
Male other/unknown	37	53%	21	30%	32	46%	70
Female IDU	13	59%	7	32%	11	50%	22
Female heterosexual contact	187	74%	95	37%	160	63%	254
Female other/unknown	1	10%	–	–	1	10%	10
Pediatric	10	59%	5	29%	8	47%	17
Total	891	71%	507	40%	787	63%	1,255

Notes:

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Denominator: The number of persons aged ≥13 years living with HIV infection through the end of each year, and still living in Region 1 at the end of the next year.

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.

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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.

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

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.