



HIV Care Continuum, Region 3, 2022

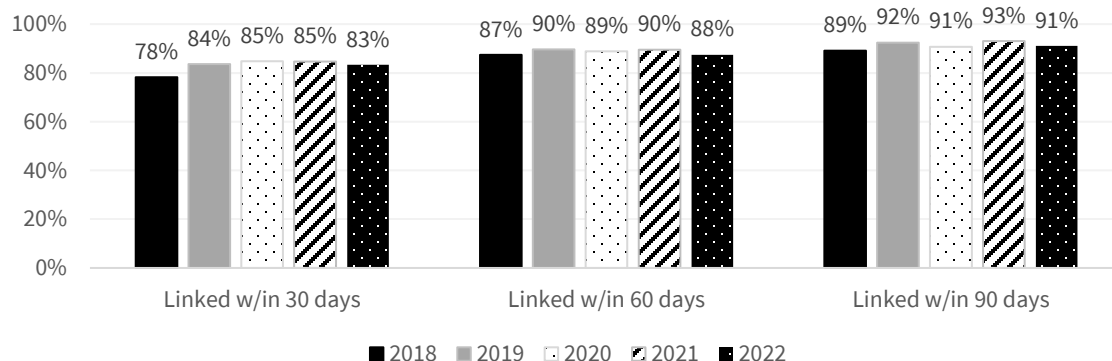
Ohio Department of Health
Bureau of HIV, STI, and Viral Hepatitis
HIV Surveillance Program
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Linkage to Care, Region 3, 2018-2022

- The objective is for 85% of persons newly diagnosed with HIV to be linked to care within 30 days of HIV diagnosis.
- In 2022, 83% of persons aged ≥ 13 years newly diagnosed with HIV in Region 3 were linked to care within 30 days of diagnosis, 88% were linked within 60 days, and 91% were linked within 90 days.
- Of those who were diagnosed with HIV in 2022 and linked to care, the average length of time to be linked to care after diagnosis was 24 days.

Linkage to Care, Region 3, 2018-2022



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 counts and percentages of T-lymphocytes (CD4) and viral load results (VL). As of July 1, 2014, Ohio's HIV reporting rules stipulate that all CD4s and VLs are required to be reported for persons diagnosed with HIV living in Ohio. The following 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.

Please note 2020 data should be interpreted with caution due to impact of the COVID-19 pandemic on HIV care services.

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 3 among persons aged ≥ 13 years in each year.

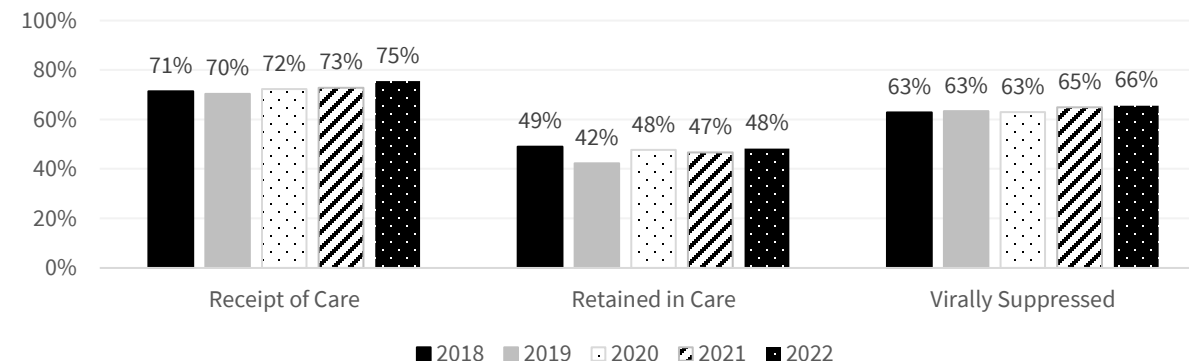
Reported new diagnoses of HIV infection include persons with a diagnosis of HIV (not AIDS), a diagnosis of HIV and an AIDS diagnosis within 12 months (HIV & later AIDS), and concurrent diagnoses of HIV and AIDS (AIDS) who were residents of Region 3 at time of initial diagnosis. New diagnoses of HIV infection represent all persons living in Region 3 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.

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

Persons Living with Diagnosed HIV, Continuum of Care, Region 3, 2018-2022

- Of the persons living with HIV in Region 3 at the end of 2022 who were in receipt of care and still living in Region 3 at the end of 2023, 87% were virally suppressed.
- Twenty-five percent of the persons living with HIV at the end of 2022 and still living in Region 3 at the end of 2023, did not have a CD4 or VL test in 2023. These persons are considered to be "out of care," and have an "unmet need."

Persons Living with Diagnosed HIV-Continuum of Care, Region 3, 2018-2022



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, 2022, and having a CD4/VL test in 2023).

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, 2022, and having at least two CD4/VL tests three months apart in 2023).

Virally Suppressed: The most recent VL test in the following year was <200 copies/mL (e.g., living with HIV as of Dec. 31, 2022, and the most recent VL test in 2023 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 3 at the end of the next year (e.g., living with HIV as of Dec. 31, 2022, and still living in Region 3 as of Dec. 31, 2023).

Living with diagnosed HIV infection represents all persons living in Region 3 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.

<https://odh.ohio.gov/know-our-programs/hiv-aids-surveillance-program>

	Linkage to Care						
	2022						
	Numerator						Denominator
	Linked w/in 30 days		Linked w/in 60 days		Linked w/in 90 days		Total
Sex at birth	No.	%	No.	%	No.	%	
Male	115	83%	121	87%	126	91%	139
Female	25	86%	26	90%	27	93%	29
Age							
13-19	4	100%	4	100%	4	100%	4
20-29	57	81%	59	84%	64	91%	70
30-39	28	72%	32	82%	33	85%	39
40-49	24	92%	25	96%	25	96%	26
50-59	20	91%	20	91%	20	91%	22
60+	7	100%	7	100%	7	100%	7
Race/Ethnicity							
American Indian/Alaska Native	-	--	-	--	-	--	-
Asian/Pacific Islander	2	100%	2	100%	2	100%	2
Black/African-American	71	85%	73	87%	75	89%	84
Hispanic/Latino	19	83%	20	87%	21	91%	23
White	45	82%	49	89%	51	93%	55
Multi-race	3	75%	3	75%	4	100%	4
Transmission Category							
Male-to-male sexual contact	70	83%	74	88%	78	93%	84
Male IDU	6	100%	6	100%	6	100%	6
Male-to-male sexual contact & IDU	5	83%	5	83%	6	100%	6
Male heterosexual contact	6	100%	6	100%	6	100%	6
Male Other/Unknown	28	76%	30	81%	30	81%	37
Female IDU	1	100%	1	100%	1	100%	1
Female heterosexual contact	20	91%	21	95%	21	95%	22
Female Other/Unknown	4	67%	4	67%	5	83%	6
Total	140	83%	147	88%	153	91%	168

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 3-Part A-Cleveland 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.

Males and Females refer to sex assigned at birth.

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.

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.

Part A-Cleveland/Region 3: Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina 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, 2024.

	Continuum of Care						
	2022						
	Numerator						Denominator
	Receipt		Retain		Viral Suppression		Total
	No.	%	No.	%	No.	%	
Sex at Birth							
Male	3,578	75%	2,293	48%	3,106	65%	4,745
Female	910	76%	577	48%	791	66%	1,203
Age							
13-19	18	82%	14	64%	15	68%	22
20-29	453	77%	285	49%	372	63%	587
30-39	873	78%	523	47%	730	65%	1,122
40-49	803	77%	466	45%	683	66%	1,041
50-59	1,182	75%	790	50%	1,035	66%	1,574
60+	1,159	72%	792	49%	1,062	66%	1,602
Race/Ethnicity							
American Indian/Alaska Native	1	100%	1	100%	1	100%	1
Asian/Pacific Islander	14	54%	11	42%	13	50%	26
Black/African-American	2,283	74%	1,425	46%	1,934	62%	3,095
Hispanic/Latino	561	75%	376	50%	488	65%	751
White	1,401	78%	908	51%	1,264	71%	1,787
Multi-race	228	84%	149	55%	197	72%	272
Unknown	-	0%	-	0%	-	0%	16
Transmission Category							
Male-to-male sexual contact	2,556	80%	1,657	52%	2,235	70%	3,215
Male IDU	123	65%	71	37%	104	55%	190
Male-to-male sexual contact & IDU	169	73%	109	47%	139	60%	231
Male heterosexual contact	229	78%	145	49%	195	66%	295
Male Other/Unknown	480	61%	296	38%	417	53%	785
Female IDU	86	66%	55	42%	73	56%	131
Female heterosexual contact	741	80%	470	51%	649	70%	927
Female Other/Unknown	57	52%	36	33%	47	43%	110
Pediatric	47	73%	31	48%	38	59%	64
Total	4,488	75%	2,870	48%	3,897	66%	5,948

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 3-Part A-Cleveland 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 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.

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

Part A-Cleveland/Region 3: Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina 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, 2024.