



# HIV Care Continuum, Cuyahoga County, 2022

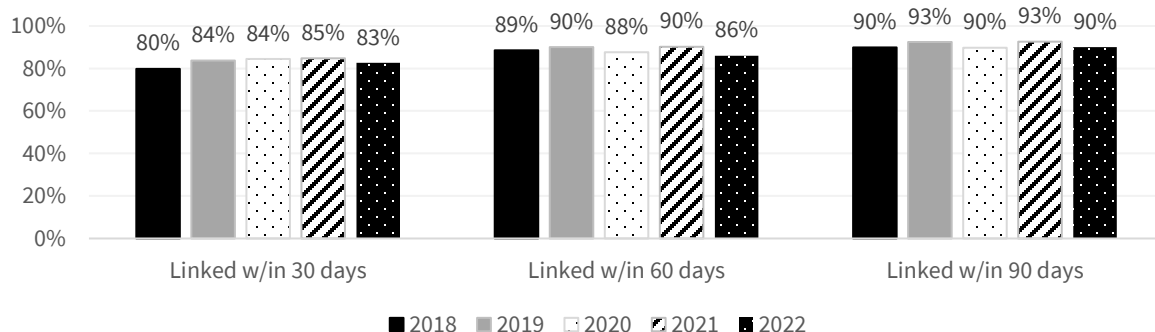
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## Linkage to Care, Cuyahoga County, 2018-2022

- 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  $\geq 13$  years newly diagnosed with HIV in Cuyahoga County were linked to care within 30 days of diagnosis, 86% were linked within 60 days, and 90% 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 29 days.

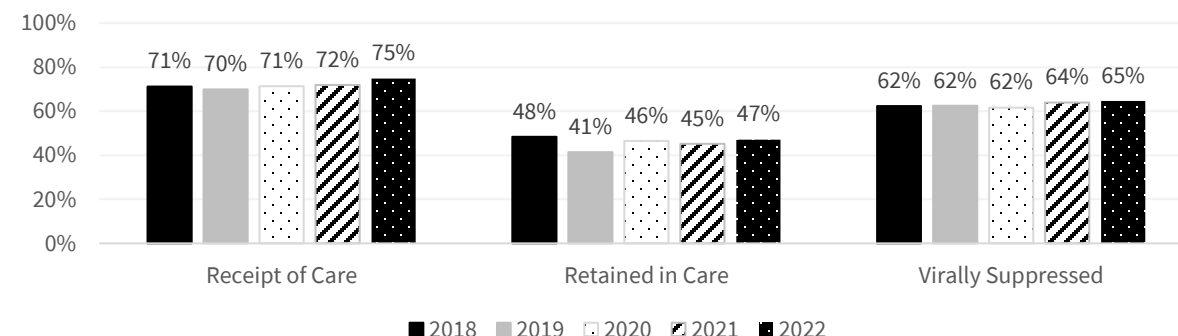
Linkage to Care, Cuyahoga County, 2018-2022



## Persons Living with Diagnosed HIV, Continuum of Care, Cuyahoga County, 2018-2022

- Of the persons living with HIV in Cuyahoga County at the end of 2022 who were in receipt of care and still living in Cuyahoga County at the end of 2023, 86% were virally suppressed.
- Twenty-five percent of the persons living with HIV at the end of 2022 and still living in Cuyahoga County 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, Cuyahoga County, 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 Cuyahoga County among persons aged  $\geq 13$  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 Cuyahoga County 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, 2024.

### 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  $\geq 13$  years living with HIV infection through the end of each year, and still living in Cuyahoga County at the end of the next year (e.g., living with HIV as of Dec. 31, 2022, and still living in Cuyahoga County as of Dec. 31, 2023).

Living with diagnosed HIV infection represents all persons living in Cuyahoga County 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	80	82%	83	86%	87	90%	97
Female	20	83%	21	88%	22	92%	24
<b>Age</b>							
13-19	3	100%	3	100%	3	100%	3
20-29	36	80%	36	80%	40	89%	45
30-39	21	68%	25	81%	26	84%	31
40-49	17	94%	17	94%	17	94%	18
50-59	17	94%	17	94%	17	94%	18
60+	6	100%	6	100%	6	100%	6
<b>Race/Ethnicity</b>							
American Indian/Alaska Native	-	--	-	--	-	--	-
Asian/Pacific Islander	1	100%	1	100%	1	100%	1
Black/African-American	56	81%	58	84%	60	87%	69
Hispanic/Latino	13	87%	14	93%	15	100%	15
White	28	85%	29	88%	30	91%	33
Multi-race	2	67%	2	67%	3	100%	3
<b>Transmission Category</b>							
Male-to-male sexual contact	48	83%	50	86%	53	91%	58
Male IDU	2	100%	2	100%	2	100%	2
Male-to-male sexual contact & IDU	2	67%	2	67%	3	100%	3
Male heterosexual contact	5	100%	5	100%	5	100%	5
Male Other/Unknown	23	79%	24	83%	24	83%	29
Female IDU	-	--	-	--	-	--	-
Female heterosexual contact	17	89%	18	95%	18	95%	19
Female Other/Unknown	3	60%	3	60%	4	80%	5
<b>Total</b>	<b>100</b>	<b>83%</b>	<b>104</b>	<b>86%</b>	<b>109</b>	<b>90%</b>	<b>121</b>

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 Cuyahoga County 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 &amp; 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.

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.

Persons Living with Diagnosed HIV-Continuum of Care, Cuyahoga County, 2022

	Continuum of Care						
	2022						
	Numerator						Denominator
	Receipt		Retain		Viral Suppression		Total
	No.	%	No.	%	No.	%	
<b>Sex at Birth</b>							
Male	3,003	75%	1,884	47%	2,587	64%	4,014
Female	759	75%	481	48%	659	65%	1,010
<b>Age</b>							
13-19	15	79%	12	63%	13	68%	19
20-29	377	77%	231	47%	308	63%	487
30-39	747	77%	438	45%	618	64%	972
40-49	671	77%	382	44%	569	65%	876
50-59	985	75%	646	49%	854	65%	1,322
60+	967	72%	656	49%	884	66%	1,348
<b>Race/Ethnicity</b>							
American Indian/Alaska Native	1	100%	1	100%	1	100%	1
Asian/Pacific Islander	12	55%	9	41%	11	50%	22
Black/African-American	2,112	73%	1,304	45%	1,784	62%	2,883
Hispanic/Latino	456	77%	297	50%	396	67%	595
White	992	78%	636	50%	893	70%	1,280
Multi-race	189	83%	118	52%	161	71%	228
Unknown	-	0%	-	0%	-	0%	15
<b>Transmission Category</b>							
Male-to-male sexual contact	2,159	79%	1,370	50%	1,874	68%	2,741
Male IDU	93	63%	53	36%	80	54%	148
Male-to-male sexual contact & IDU	145	73%	89	45%	118	60%	198
Male heterosexual contact	187	77%	113	47%	157	65%	243
Male Other/Unknown	404	61%	249	38%	346	52%	661
Female IDU	80	66%	51	42%	68	56%	122
Female heterosexual contact	613	80%	388	50%	537	70%	769
Female Other/Unknown	49	52%	30	32%	39	41%	94
Pediatric	32	67%	22	46%	27	56%	48
<b>Total</b>	<b>3,762</b>	<b>75%</b>	<b>2,365</b>	<b>47%</b>	<b>3,246</b>	<b>65%</b>	<b>5,024</b>

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 Cuyahoga County 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.

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.