



HIV Care Continuum, Hamilton County, 2022

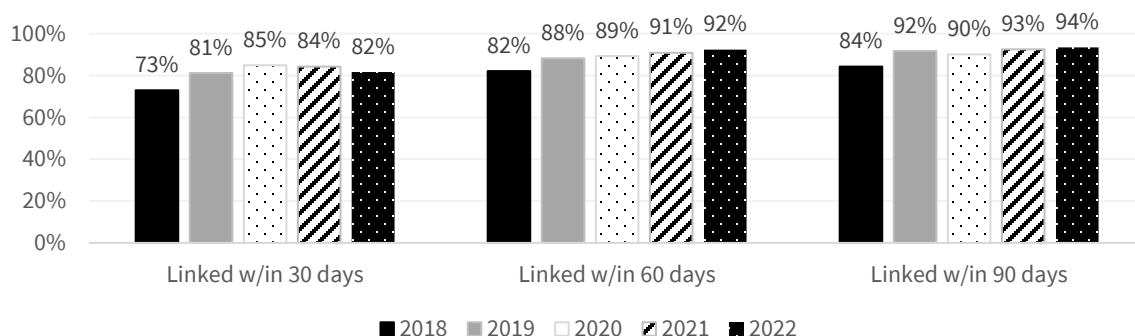
Ohio Department of Health
Bureau of HIV, STI, and Viral Hepatitis
HIV Surveillance Program
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Linkage to Care, Hamilton County, 2018-2022

- The objective is for 85% of persons newly diagnosed with HIV to be linked to care within 30 days of HIV diagnosis.
- In 2022, 82% of persons aged ≥ 13 years newly diagnosed with HIV in Hamilton County were linked to care within 30 days of diagnosis, 92% were linked within 60 days, and 94% 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 30 days.

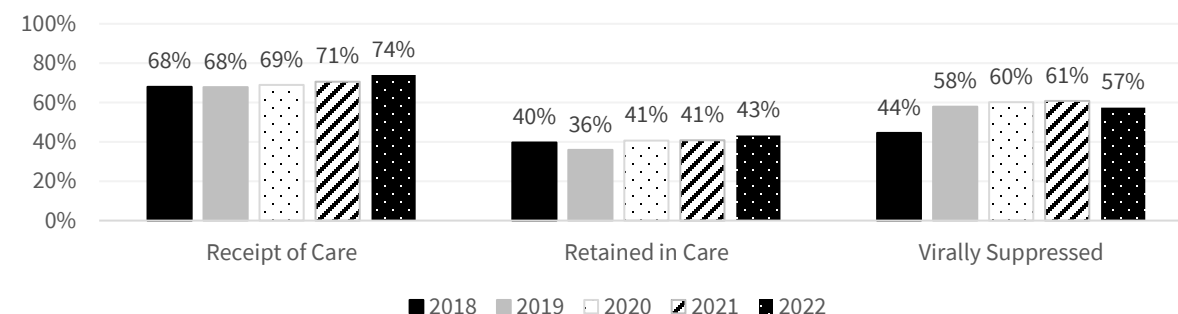
Linkage to Care, Hamilton County, 2018-2022



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

- Of the persons living with HIV in Hamilton County at the end of 2022 who were in receipt of care and still living in Hamilton County at the end of 2023, 78% were virally suppressed.
- Twenty-six percent of the persons living with HIV at the end of 2022 and still living in Hamilton 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, Hamilton 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 Hamilton 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 & later AIDS), and concurrent diagnoses of HIV and AIDS (AIDS) who were residents of Hamilton 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 ≥ 13 years living with HIV infection through the end of each year, and still living in Hamilton County at the end of the next year (e.g., living with HIV as of Dec. 31, 2022, and still living in Hamilton County as of Dec. 31, 2023).

Living with diagnosed HIV infection represents all persons living in Hamilton 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	59	80%	69	93%	70	95%	74
Female	17	89%	17	89%	17	89%	19
Age							
13-19	7	78%	9	100%	9	100%	9
20-29	35	88%	39	98%	39	98%	40
30-39	12	86%	13	93%	13	93%	14
40-49	11	79%	11	79%	11	79%	14
50-59	9	75%	11	92%	12	100%	12
60+	2	50%	3	75%	3	75%	4
Race/Ethnicity							
American Indian/Alaska Native	-	--	-	--	-	--	-
Asian/Pacific Islander	-	--	-	--	-	--	-
Black/African-American	55	80%	64	93%	65	94%	69
Hispanic/Latino	1	100%	1	100%	1	100%	1
White	18	86%	19	90%	19	90%	21
Multi-race	2	100%	2	100%	2	100%	2
Transmission Category							
Male-to-male sexual contact	40	78%	49	96%	49	96%	51
Male IDU	1	50%	1	50%	1	50%	2
Male-to-male sexual contact & IDU	3	100%	3	100%	3	100%	3
Male heterosexual contact	2	100%	2	100%	2	100%	2
Male Other/Unknown	13	81%	14	88%	15	94%	16
Female IDU	1	100%	1	100%	1	100%	1
Female heterosexual contact	11	92%	11	92%	11	92%	12
Female Other/Unknown	5	83%	5	83%	5	83%	6
Total	76	82%	86	92%	87	94%	93

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 Hamilton 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 & 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, Hamilton County, 2022

	Continuum of Care						
	2022						
	Numerator						Denominator
	Receipt		Retain		Viral Suppression		Total
Sex at Birth	No.	%	No.	%	No.	%	
Male	1,810	74%	1,065	44%	1,418	58%	2,433
Female	544	73%	308	41%	407	54%	748
Age							
13-19	19	100%	10	53%	15	79%	19
20-29	263	78%	144	42%	185	55%	339
30-39	592	75%	309	39%	435	55%	790
40-49	431	73%	221	37%	337	57%	590
50-59	524	71%	338	46%	423	57%	736
60+	525	74%	351	50%	430	61%	707
Race/Ethnicity							
American Indian/Alaska Native	-	0%	-	0%	-	0%	1
Asian/Pacific Islander	15	75%	7	35%	11	55%	20
Black/African-American	1,399	74%	814	43%	1,066	56%	1,888
Hispanic/Latino	86	70%	50	41%	75	61%	122
White	741	75%	429	43%	587	59%	993
Multi-race	113	73%	73	47%	86	56%	154
Unknown	-	0%	-	0%	-	0%	3
Transmission Category							
Male-to-male sexual contact	1,313	80%	775	47%	1,039	63%	1,641
Male IDU	75	62%	37	31%	58	48%	121
Male-to-male sexual contact & IDU	74	70%	49	46%	61	58%	106
Male heterosexual contact	82	71%	46	40%	60	52%	115
Male Other/Unknown	257	58%	152	35%	194	44%	440
Female IDU	74	69%	35	33%	47	44%	107
Female heterosexual contact	443	77%	256	44%	338	58%	578
Female Other/Unknown	19	39%	12	24%	15	31%	49
Pediatric	17	71%	11	46%	13	54%	24
Total	2,354	74%	1,373	43%	1,825	57%	3,181

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 Hamilton County 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.

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.