



# HIV Care Continuum, Region 9, 2022

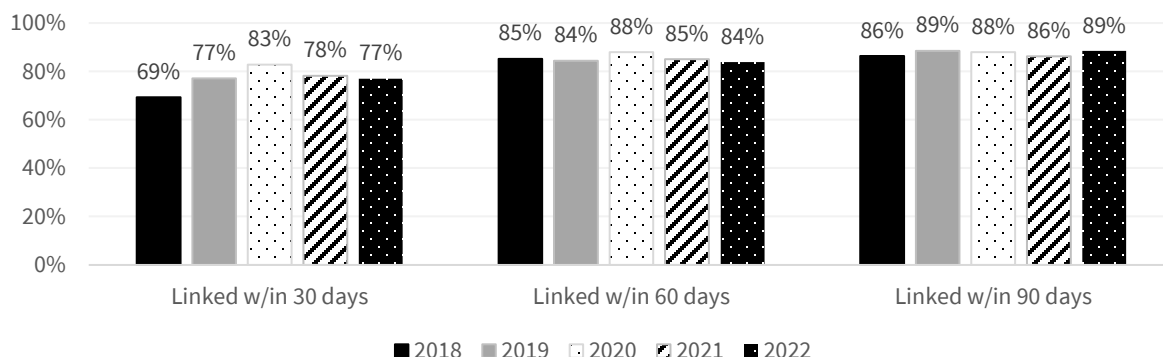
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## Linkage to Care, Region 9, 2018-2022

- The objective is for 85% of persons newly diagnosed with HIV to be linked to care within 30 days of HIV diagnosis.
- In 2022, 77% of persons aged  $\geq 13$  years newly diagnosed with HIV in Region 9 were linked to care within 30 days of diagnosis, 84% were linked within 60 days, and 89% 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 26 days.

Linkage to Care, Region 9, 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 9 among persons aged  $\geq 13$  years in each year.

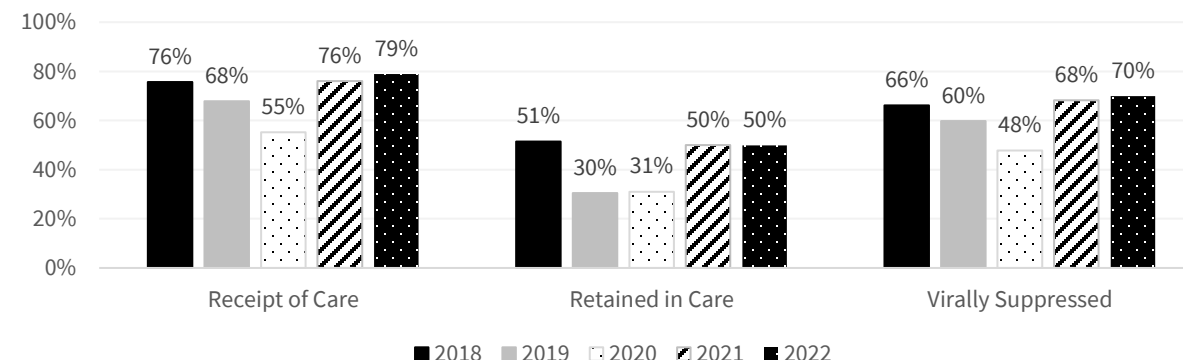
Reported new diagnoses of HIV infection include persons with a diagnosis of HIV (not AIDS), a diagnosis of HIV and an AIDS diagnosis within 12 months (HIV & later AIDS), and concurrent diagnoses of HIV and AIDS (AIDS) who were residents of Region 9 at time of initial diagnosis. New diagnoses of HIV infection represent all persons of 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.

## Persons Living with Diagnosed HIV, Continuum of Care, Region 9, 2018-2022

- Of the persons living with HIV in Region 9 at the end of 2022 who were in receipt of care and still living in Region 9 at the end of 2023, 89% were virally suppressed.
- Twenty-one percent of the persons living with HIV at the end of 2022 and still living in Region 9 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 9, 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  $\geq 13$  years living with HIV infection through the end of each year, and still living in Region 9 at the end of the next year (e.g., living with HIV as of Dec. 31, 2022, and still living in Region 9 as of Dec. 31, 2023).

Living with diagnosed HIV infection represents all persons living in Region 9 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	51	77%	56	85%	59	89%	66
Female	16	76%	17	81%	18	86%	21
<b>Age</b>							
13-19	6	100%	6	100%	6	100%	6
20-29	22	69%	27	84%	28	88%	32
30-39	21	95%	21	95%	21	95%	22
40-49	10	67%	11	73%	12	80%	15
50-59	4	80%	4	80%	4	80%	5
60+	4	57%	4	57%	6	86%	7
<b>Race/Ethnicity</b>							
American Indian/Alaska Native	-	--	-	--	-	--	-
Asian/Pacific Islander	1	50%	2	100%	2	100%	2
Black/African-American	32	78%	34	83%	36	88%	41
Hispanic/Latino	5	83%	5	83%	5	83%	6
White	28	76%	31	84%	33	89%	37
Multi-race	1	100%	1	100%	1	100%	1
<b>Transmission Category</b>							
Male-to-male sexual contact	28	78%	30	83%	31	86%	36
Male IDU	1	100%	1	100%	1	100%	1
Male-to-male sexual contact & IDU	1	100%	1	100%	1	100%	1
Male heterosexual contact	2	40%	4	80%	5	100%	5
Male Other/Unknown	19	83%	20	87%	21	91%	23
Female IDU	-	--	-	--	-	--	-
Female heterosexual contact	11	92%	12	100%	12	100%	12
Female Other/Unknown	5	56%	5	56%	6	67%	9
<b>Total</b>	<b>67</b>	<b>77%</b>	<b>73</b>	<b>84%</b>	<b>77</b>	<b>89%</b>	<b>87</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 Region 9 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.

**Region 9:** Clark, Darke, Greene, Miami, Montgomery, Preble 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.

Persons Living with Diagnosed HIV-Continuum of Care, Region 9, 2022

	Continuum of Care						
	2022						
	Numerator						Denominator
	Receipt		Retain		Viral Suppression		Total
	No.	%	No.	%	No.	%	
<b>Sex at Birth</b>							
Male	1,327	80%	853	51%	1,187	72%	1,657
Female	329	74%	193	44%	281	64%	442
<b>Age</b>							
13-19	12	86%	7	50%	11	79%	14
20-29	172	80%	97	45%	154	72%	214
30-39	326	77%	188	45%	271	64%	421
40-49	315	78%	204	50%	275	68%	404
50-59	433	80%	279	51%	378	70%	543
60+	398	79%	271	54%	379	75%	503
<b>Race/Ethnicity</b>							
American Indian/Alaska Native	-	0%	-	0%	-	0%	1
Asian/Pacific Islander	12	67%	8	44%	11	61%	18
Black/African-American	729	77%	435	46%	618	65%	949
Hispanic/Latino	54	68%	37	46%	51	64%	80
White	783	82%	521	55%	722	76%	955
Multi-race	78	85%	45	49%	66	72%	92
Unknown	-	0%	-	0%	-	0%	4
<b>Transmission Category</b>							
Male-to-male sexual contact	951	83%	613	53%	854	74%	1,151
Male IDU	29	73%	15	38%	25	63%	40
Male-to-male sexual contact & IDU	68	83%	46	56%	59	72%	82
Male heterosexual contact	64	77%	45	54%	56	67%	83
Male Other/Unknown	206	71%	129	44%	184	63%	290
Female IDU	38	67%	20	35%	36	63%	57
Female heterosexual contact	262	78%	159	47%	220	66%	335
Female Other/Unknown	22	52%	12	29%	20	48%	42
Pediatric	16	84%	7	37%	14	74%	19
<b>Total</b>	<b>1,656</b>	<b>79%</b>	<b>1,046</b>	<b>50%</b>	<b>1,468</b>	<b>70%</b>	<b>2,099</b>

Notes:

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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.

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