



# HIV Care Continuum, Region 8, 2019

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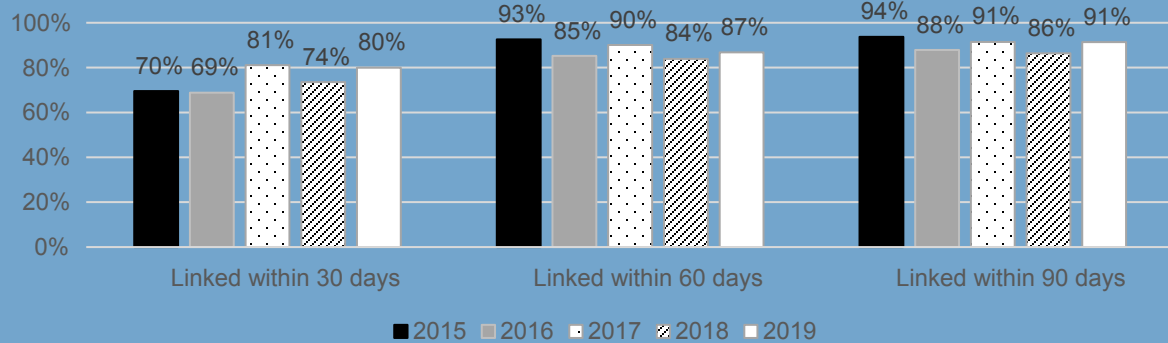


Department  
of Health

## Linkage to Care, Region 8, 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, 80% of the new reported diagnoses of HIV among persons aged ≥13 years in Region 8 were linked to care within 30 days of diagnosis, 87% were linked within 60 days, and 91% 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 24 days.

Linkage to Care, Region 8, 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 8 among persons aged ≥13 years in each year.

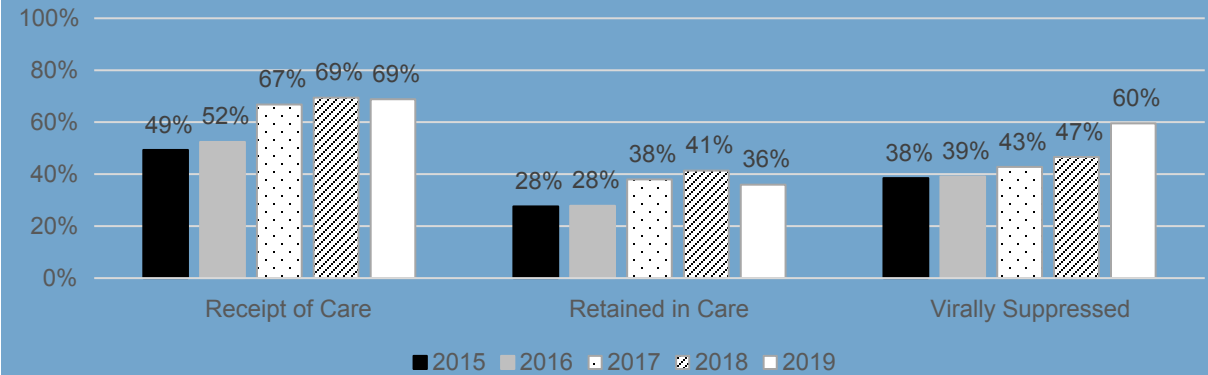
Reported new diagnoses of HIV infection include persons with a diagnosis of HIV (not AIDS), a diagnosis of HIV and an AIDS diagnosis within 12 months (HIV & later AIDS), and concurrent diagnoses of HIV and AIDS (AIDS) who were residents of Ohio at time of initial diagnosis. New diagnoses of HIV infection 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 8, 2015-2019

- Of the persons living with HIV in Region 8 at the end of 2019 who were in receipt of care, and still living in Region 8 at the end of 2020, 87% were virally suppressed.
- Thirty-one percent of the persons living with HIV at the end of 2019, and still living in Region 8 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 8, 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 8 at the end of the next year (e.g., living with HIV as of Dec. 31, 2019, and still living in Region 8 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 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.

Linkage to Care, Region 8, 2019

	Linkage to Care						
	2019						
	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	131	85%	141	91%	147	95%	155
Female	44	69%	49	77%	53	83%	64
<b>Age</b>							
13-14	–	–	–	–	–	–	–
15-19	8	100%	8	100%	8	100%	8
20-24	25	71%	28	80%	31	89%	35
25-29	33	85%	33	85%	35	90%	39
30-34	28	74%	35	92%	36	95%	38
35-39	26	76%	30	88%	31	91%	34
40-44	17	77%	18	82%	20	91%	22
45-49	11	92%	11	92%	11	92%	12
50-54	10	77%	10	77%	11	85%	13
55-64	12	92%	12	92%	12	92%	13
65+	5	100%	5	100%	5	100%	5
<b>Race/Ethnicity</b>							
American Indian/Alaska Native	–	–	–	–	–	–	–
Asian/Pacific Islander	–	–	–	–	–	–	–
Black/African-American	80	87%	83	90%	85	92%	92
Hispanic/Latino	8	73%	9	82%	10	91%	11
White	75	73%	85	83%	92	89%	103
Multi-race	12	92%	13	100%	13	100%	13
<b>Transmission Category</b>							
Male-to-male sexual contact	66	92%	67	93%	70	97%	72
Male IDU	19	66%	25	86%	27	93%	29
Male-to-male sexual contact & IDU	11	100%	11	100%	11	100%	11
Male heterosexual contact	6	100%	6	100%	6	100%	6
Male other/unknown	29	78%	32	86%	33	89%	37
Female IDU	18	56%	22	69%	26	81%	32
Female heterosexual contact	25	83%	26	87%	26	87%	30
Female other/unknown	1	50%	1	50%	1	50%	2
<b>Total</b>	<b>175</b>	<b>80%</b>	<b>190</b>	<b>87%</b>	<b>200</b>	<b>91%</b>	<b>219</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 8 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 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 8: Brown, Butler, Clermont, Clinton, Hamilton, Highland, Warren 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.

Persons Living With Diagnosed HIV, Continuum of Care, Region 8, 2019

	Continuum of Care						
	2019						
	Numerator						Denominator
	Receipt		Retain		Viral Suppression		Total
	No.	%	No.	%	No.	%	
<b>Sex at Birth</b>							
Male	2,092	69%	1,101	36%	1,818	60%	3,022
Female	602	67%	306	34%	513	58%	892
<b>Age</b>							
13-14	3	100%	3	100%	3	100%	3
15-19	24	89%	16	59%	21	78%	27
20-24	105	72%	57	39%	81	56%	145
25-29	221	66%	113	34%	182	54%	336
30-34	345	72%	151	31%	278	58%	481
35-39	264	70%	132	35%	218	58%	378
40-44	245	64%	125	33%	211	55%	382
45-49	276	67%	142	34%	241	58%	413
50-54	365	69%	205	39%	331	63%	528
55-64	632	69%	335	36%	571	62%	921
65+	214	71%	128	43%	194	65%	300
<b>Race/Ethnicity</b>							
American Indian/Alaska Native	1	50%	–	–	1	50%	2
Asian/Pacific Islander	26	74%	12	34%	26	74%	35
Black/African-American	1,356	68%	680	34%	1,135	57%	2,001
Hispanic/Latino	101	64%	54	34%	89	57%	157
White	1,088	70%	594	38%	972	62%	1,556
Multi-race	122	80%	67	44%	108	71%	153
Unknown	–	–	–	–	–	–	10
<b>Transmission Category</b>							
Male-to-male sexual contact	1,505	73%	796	39%	1,330	65%	2,057
Male IDU	97	65%	46	31%	76	51%	149
Male-to-male sexual contact & IDU	101	73%	61	44%	83	60%	139
Male heterosexual contact	86	60%	41	29%	73	51%	143
Male other/unknown	296	56%	153	29%	251	48%	524
Female IDU	84	63%	47	35%	63	47%	134
Female heterosexual contact	482	71%	241	36%	417	62%	677
Female other/unknown	25	39%	11	17%	22	34%	64
Pediatric	18	67%	11	41%	16	59%	27
<b>Total</b>	<b>2,694</b>	<b>69%</b>	<b>1,407</b>	<b>36%</b>	<b>2,331</b>	<b>60%</b>	<b>3,914</b>

**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 8 at the end of the next year.

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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.

Region 8: Brown, Butler, Clermont, Clinton, Hamilton, Highland, Warren Counties.

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