



HIV Care Continuum, Region 3, 2019

Ohio Department of Health
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HIV Surveillance Program
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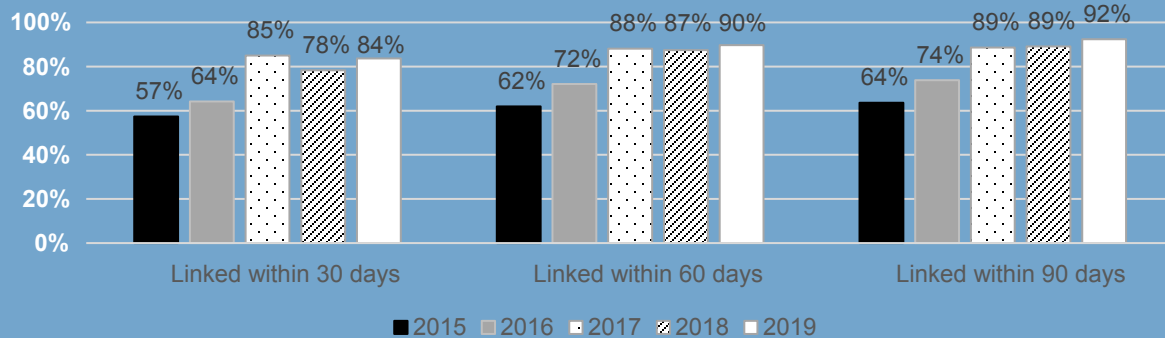


Department of Health

Linkage to Care, Region 3, 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, 84% of the new reported diagnoses of HIV among persons aged ≥13 years in Region 3 were linked to care within 30 days of diagnosis, 90% were linked within 60 days, and 92% 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 26 days.

Linkage to Care, Region 3, 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 3 among persons aged ≥13 years in each year.

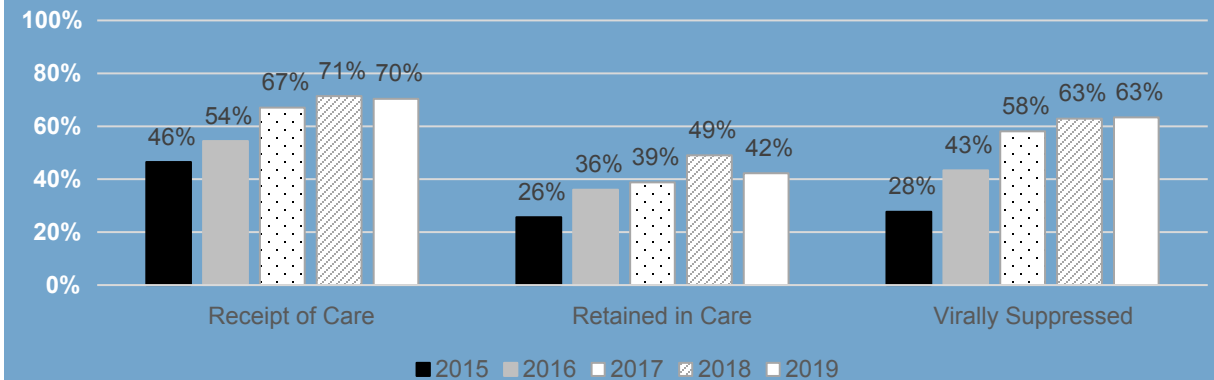
Reported new diagnoses of HIV infection include persons with a diagnosis of HIV (not AIDS), a diagnosis of HIV and an AIDS diagnosis within 12 months (HIV & later AIDS), and concurrent diagnoses of HIV and AIDS (AIDS) who were residents of Ohio at time of initial diagnosis. New diagnoses of HIV infection 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 3, 2015-2019

- Of the persons living with HIV in Region 3 at the end of 2019 who were in receipt of care, and still living in Region 3 at the end of 2020, 90% were virally suppressed.
- Thirty percent of the persons living with HIV at the end of 2019, and still living in Region 3 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 3, 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 3 at the end of the next year (e.g., living with HIV as of Dec. 31, 2019, and still living in Region 3 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 3-Part A-Cleveland, 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	83%	140	89%	144	92%	157
Female	23	85%	25	93%	26	96%	27
Age							
13-14	-	-	-	-	-	-	-
15-19	7	88%	7	88%	7	88%	8
20-24	33	79%	35	83%	36	86%	42
25-29	36	82%	40	91%	41	93%	44
30-34	24	89%	25	93%	27	100%	27
35-39	16	89%	18	100%	18	100%	18
40-44	7	70%	8	80%	8	80%	10
45-49	10	83%	11	92%	12	100%	12
50-54	7	88%	7	88%	7	88%	8
55-64	8	89%	8	89%	8	89%	9
65+	6	100%	6	100%	6	100%	6
Race/Ethnicity							
American Indian/Alaska Native	-	-	-	-	-	-	-
Asian/Pacific Islander	2	100%	2	100%	2	100%	2
Black/African-American	92	81%	100	88%	105	92%	114
Hispanic/Latino	18	90%	19	95%	19	95%	20
White	41	89%	42	91%	42	91%	46
Multi-race	1	50%	2	100%	2	100%	2
Transmission Category							
Male-to-male sexual contact	89	86%	95	92%	97	94%	103
Male IDU	2	100%	2	100%	2	100%	2
Male-to-male sexual contact & IDU	6	100%	6	100%	6	100%	6
Male heterosexual contact	6	86%	6	86%	6	86%	7
Male other/unknown	28	72%	31	79%	33	85%	39
Female IDU	2	67%	2	67%	3	100%	3
Female heterosexual contact	17	89%	19	100%	19	100%	19
Female other/unknown	4	80%	4	80%	4	80%	5
Total	154	84%	165	90%	170	92%	184

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.

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.

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, 2021.

Persons Living with Diagnosed HIV-Continuum of Care, Region 3-Part A-Cleveland, 2019

	Continuum of Care						
	2019						
	Numerator						Denominator
	Receipt		Retain		Viral Suppression		Total
Sex at Birth	No.	%	No.	%	No.	%	
Male	3,113	70%	1,867	42%	2,795	63%	4,419
Female	823	70%	497	42%	749	64%	1,175
Age							
13-14	4	80%	3	60%	4	80%	5
15-19	16	76%	8	38%	13	62%	21
20-24	139	76%	86	47%	117	64%	184
25-29	343	73%	194	41%	272	58%	468
30-34	359	74%	201	41%	305	63%	487
35-39	343	71%	175	36%	297	61%	484
40-44	319	69%	165	36%	277	60%	463
45-49	433	70%	263	43%	395	64%	617
50-54	569	70%	358	44%	527	65%	810
55-64	1,044	70%	667	45%	978	66%	1,493
65+	367	65%	244	43%	359	64%	562
Race/Ethnicity							
American Indian/Alaska Native	-	-	-	-	-	-	1
Asian/Pacific Islander	8	40%	4	20%	7	35%	20
Black/African-American	2,010	69%	1,221	42%	1,728	60%	2,902
Hispanic/Latino	500	70%	299	42%	467	65%	718
White	1,240	73%	732	43%	1,181	69%	1,701
Multi-race	178	79%	108	48%	161	72%	224
Unknown	-	-	-	-	-	-	28
Transmission Category							
Male-to-male sexual contact	2,268	75%	1,357	45%	2,034	68%	3,013
Male IDU	119	59%	78	39%	109	54%	201
Male-to-male sexual contact & IDU	138	64%	79	37%	127	59%	215
Male heterosexual contact	204	70%	129	44%	180	62%	292
Male other/unknown	368	55%	215	32%	336	50%	675
Female IDU	98	69%	63	44%	90	63%	143
Female heterosexual contact	668	74%	392	43%	614	68%	907
Female other/unknown	34	37%	23	25%	29	32%	91
Pediatric	39	68%	28	49%	25	44%	57
Total	3,936	70%	2,364	42%	3,544	63%	5,594

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 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.

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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.