



HIV Care Continuum, Region 11, 2019

Ohio Department of Health
Bureau of Infectious Diseases
HIV Surveillance Program
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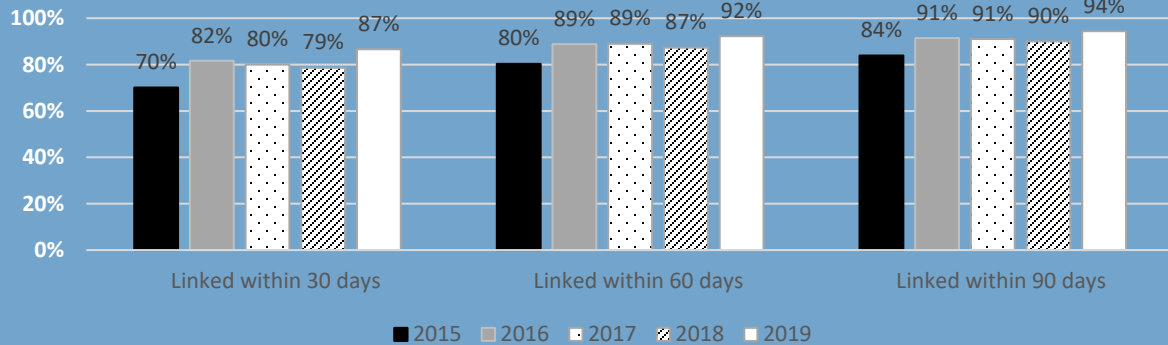


Department of Health

Linkage to Care, Region 11, 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, 87% of the new reported diagnoses of HIV among persons aged ≥13 years in Region 11 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 2019 and linked to care, the average length of time to be linked to care after diagnosis was 19 days.

Linkage to Care, Region 11, 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 11 among persons aged ≥13 years in each year.

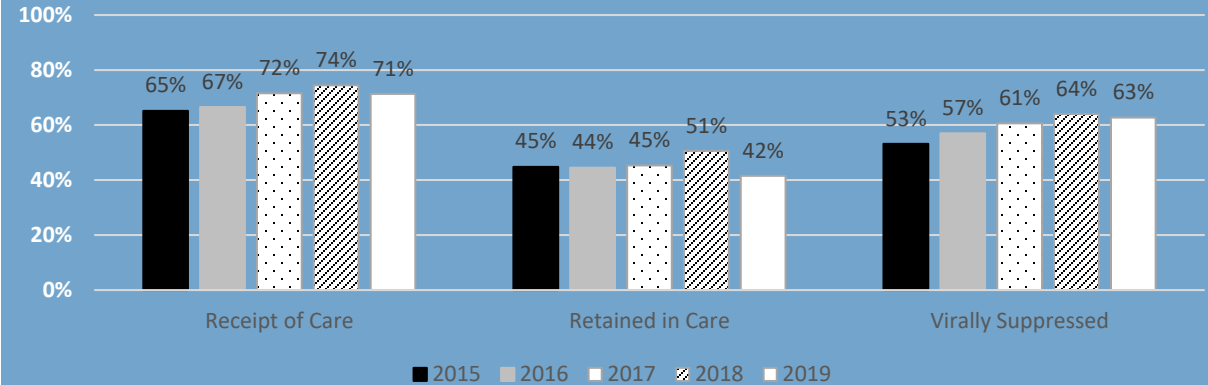
Reported new diagnoses of HIV infection include persons with a diagnosis of HIV (not AIDS), a diagnosis of HIV and an AIDS diagnosis within 12 months (HIV & later AIDS), and concurrent diagnoses of HIV and AIDS (AIDS) who were residents of Ohio at time of initial diagnosis. New diagnoses of HIV infection 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 11, 2015-2019

- Of the persons living with HIV in Region 11 at the end of 2019 who were in receipt of care, and still living in Region 11 at the end of 2020, 88% were virally suppressed.
- Twenty-nine percent of the persons living with HIV at the end of 2019, and still living in Region 11 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 11, 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, 2021, 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 11 at the end of the next year (e.g., living with HIV as of Dec. 31, 2019, and still living in Region 11 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						
	2019						
	Numerator						Denominator
	Linked within 30 days		Linked within 60 days		Linked within 90 days		Total
Sex at birth	No.	%	No.	%	No.	%	
Male	166	88%	176	94%	181	96%	188
Female	35	80%	38	86%	38	86%	44
Age							
13-14	–	–	–	–	–	–	–
15-19	10	100%	10	100%	10	100%	10
20-24	37	84%	40	91%	41	93%	44
25-29	42	88%	45	94%	46	96%	48
30-34	30	83%	31	86%	32	89%	36
35-39	15	88%	16	94%	16	94%	17
40-44	19	90%	20	95%	21	100%	21
45-49	11	85%	12	92%	12	92%	13
50-54	15	83%	17	94%	17	94%	18
55-64	18	95%	18	95%	18	95%	19
65+	4	67%	5	83%	6	100%	6
Race/Ethnicity							
American Indian/Alaska Native	–	–	–	–	–	–	–
Asian/Pacific Islander	5	100%	5	100%	5	100%	5
Black/African-American	105	88%	113	94%	115	96%	120
Hispanic/Latino	16	89%	16	89%	16	89%	18
White	68	85%	71	89%	74	93%	80
Multi-race	7	78%	9	100%	9	100%	9
Transmission Category							
Male-to-male sexual contact	105	94%	110	98%	111	99%	112
Male IDU	2	67%	2	67%	3	100%	3
Male-to-male sexual contact & IDU	10	83%	11	92%	11	92%	12
Male heterosexual contact	10	83%	11	92%	12	100%	12
Male other/unknown	39	80%	42	86%	44	90%	49
Female IDU	6	67%	6	67%	6	67%	9
Female heterosexual contact	27	82%	30	91%	30	91%	33
Female other/unknown	2	100%	2	100%	2	100%	2
Total	201	87%	214	92%	219	94%	232

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 11-Part A-Columbus 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-Columbus/Region 11: Delaware, Fairfield, Franklin, Licking, Madison, Morrow, Pickaway, Union 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.

	Continuum of Care						
	2019						
	Numerator						Denominator
	Receipt		Retain		Viral Suppression		Total
	No.	%	No.	%	No.	%	
Sex at Birth							
Male	3,222	72%	1,863	42%	2,836	63%	4,483
Female	817	69%	490	41%	717	61%	1,183
Age							
13-14	5	83%	3	50%	5	83%	6
15-19	24	86%	17	61%	22	79%	28
20-24	110	77%	64	45%	89	62%	143
25-29	351	75%	201	43%	301	64%	469
30-34	446	71%	240	38%	371	59%	625
35-39	406	72%	228	41%	350	62%	561
40-44	406	70%	221	38%	356	61%	581
45-49	477	70%	258	38%	419	61%	685
50-54	615	72%	377	44%	550	64%	856
55-64	938	72%	577	44%	848	65%	1,311
65+	261	65%	167	42%	242	60%	401
Race/Ethnicity							
American Indian/Alaska Native	3	43%	2	29%	3	43%	7
Asian/Pacific Islander	35	70%	24	48%	34	68%	50
Black/African-American	1,594	67%	937	40%	1,377	58%	2,365
Hispanic/Latino	226	66%	137	40%	205	60%	344
White	1,983	76%	1,144	44%	1,765	67%	2,622
Multi-race	197	77%	108	42%	168	65%	257
Unknown	1	5%	1	5%	1	5%	21
Transmission Category							
Male-to-male sexual contact	2,421	77%	1,404	44%	2,161	68%	3,163
Male IDU	66	66%	30	30%	56	56%	100
Male-to-male sexual contact & IDU	143	76%	90	48%	119	63%	188
Male heterosexual contact	173	69%	94	37%	150	60%	252
Male other/unknown	405	53%	235	31%	338	44%	760
Female IDU	77	70%	44	40%	61	55%	110
Female heterosexual contact	677	73%	410	44%	599	64%	931
Female other/unknown	42	37%	25	22%	39	34%	114
Pediatric	35	73%	21	44%	30	63%	48
Total	4,039	71%	2,353	42%	3,553	63%	5,666

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 11-Part A-Columbus 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-Columbus/Region 11: Delaware, Fairfield, Franklin, Licking, Madison, Morrow, Pickaway, Union 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.