



HIV Care Continuum, Ohio, 2022

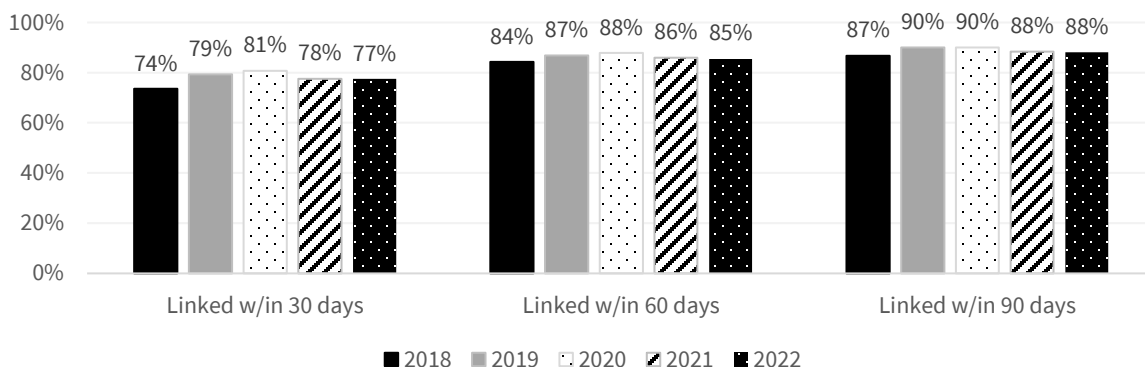
Ohio Department of Health
Bureau of HIV, STI, and Viral Hepatitis
HIV Surveillance Program
246 N. High St.
Columbus, OH 43215
614-387-2722



Linkage to Care, Ohio, 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 ≥ 13 years newly diagnosed with HIV in Ohio were linked to care within 30 days of diagnosis, 85% were linked within 60 days, and 88% 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, Ohio, 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 Ohio among persons aged ≥ 13 years in each year.

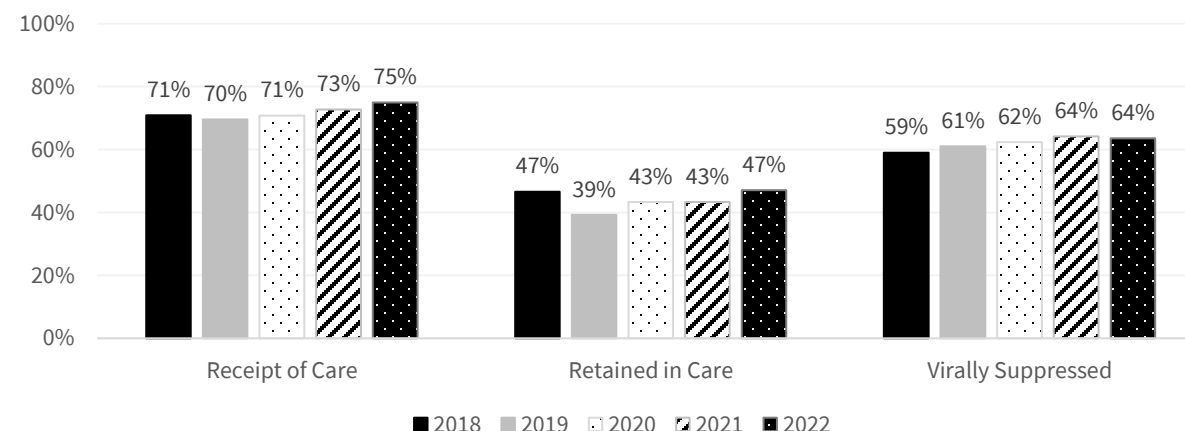
Reported new diagnoses of HIV infection include persons with a diagnosis of HIV (not AIDS), a diagnosis of HIV and an AIDS diagnosis within 12 months (HIV & later AIDS), and concurrent diagnoses of HIV and AIDS (AIDS) who were residents of Ohio at time of initial diagnosis. New diagnoses of HIV infection 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, 2024.

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

- Of the persons living with HIV in Ohio at the end of 2022 who were in receipt of care and still living in Ohio at the end of 2023, 85% were virally suppressed.
- Twenty-five percent of the persons living with HIV at the end of 2022 and still living in Ohio 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, Ohio, 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 ≥ 13 years living with HIV infection through the end of each year, and still living in Ohio at the end of the next year (e.g., living with HIV as of Dec. 31, 2022, and still living in Ohio as of Dec. 31, 2023).

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.

<https://odh.ohio.gov/know-our-programs/hiv-aids-surveillance-program>



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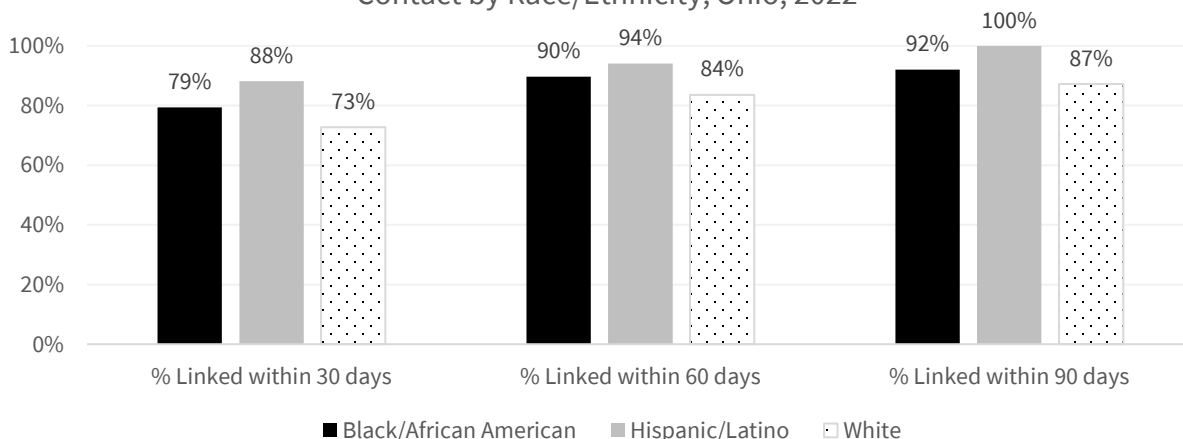
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Males Aged 13-29 Years with Male-to-Male Sexual Contact, Linkage to Care, Ohio, 2022

- In 2022, 79% of Black/African American males aged 13-29 years with male-to-male sexual contact newly diagnosed with HIV, 88% of Hispanic/Latino males aged 13-29 years with male-to-male sexual contact newly diagnosed with HIV, and 73% of white males aged 13-29 years with male-to-male sexual contact newly diagnosed with HIV in Ohio were linked within 30 days of diagnosis.

Linkage to Care Among Males Aged 13-29 Years with Male-to-Male Sexual Contact by Race/Ethnicity, Ohio, 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 Ohio among persons aged ≥13 years in each year.

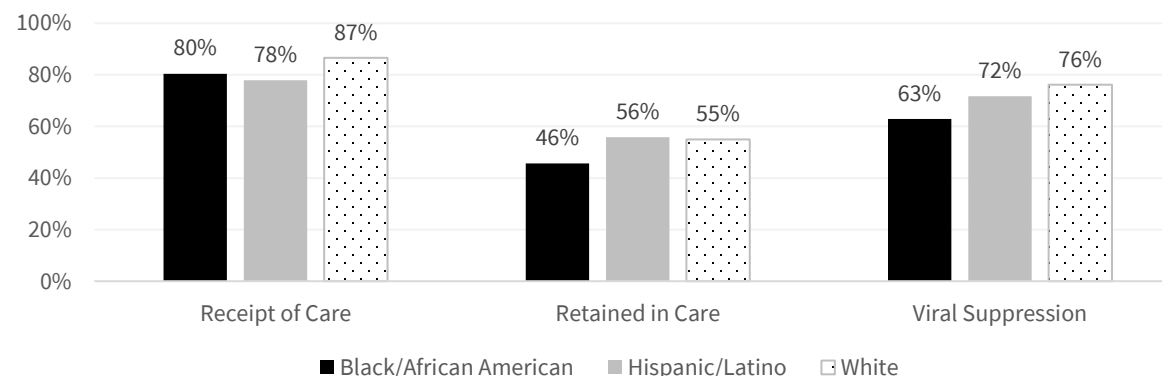
Reported new diagnoses of HIV infection include persons with a diagnosis of HIV (not AIDS), a diagnosis of HIV and an AIDS diagnosis within 12 months (HIV & later AIDS), and concurrent diagnoses of HIV and AIDS (AIDS) who were residents of Ohio at time of initial diagnosis. New diagnoses of HIV infection represent all persons living in Ohio ever diagnosed and reported with HIV and/or AIDS who have not previously reported to the Ohio Department of Health (ODH).

Source: Ohio Department of Health, HIV Surveillance Program. Data reported through April 30, 2024.

Males Aged 13-29 Years with Male-to-Male Sexual Contact, Continuum of Care, Ohio, 2022

- Eighty percent of Black/African American males aged 13-29 years with male-to-male sexual contact, 78% of Hispanic/Latino males aged 13-29 years with male-to-male sexual contact, and 87% of white males aged 13-29 years with male-to-male sexual contact living in Ohio with diagnosed HIV at the end of 2022 received care in 2023.

Males Aged 13-29 Years with Male-to-Male Sexual Contact Living with Diagnosed HIV Infection-Continuum of Care, by Race/Ethnicity, Ohio, 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 ≥13 years living with HIV infection through the end of each year, and still living in Ohio at the end of the next year (e.g., living with HIV as of Dec. 31, 2022, and still living in Ohio as of Dec. 31, 2023).

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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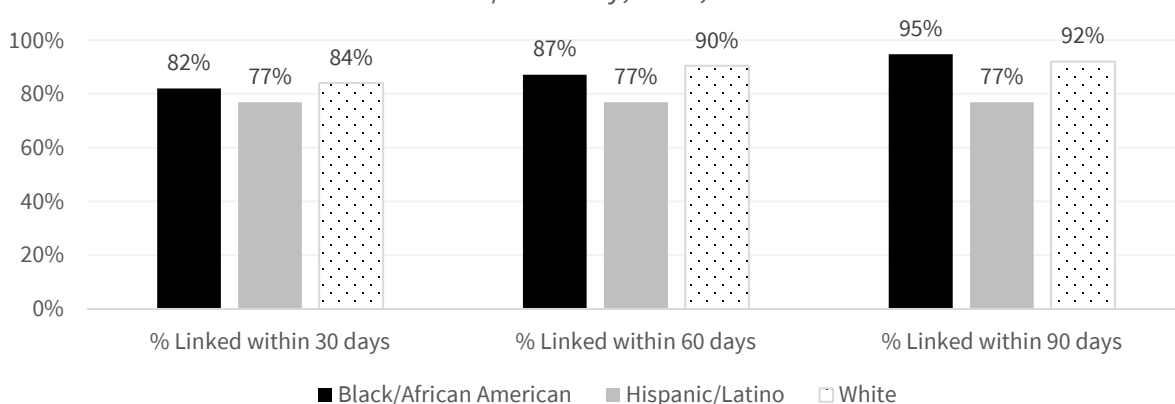
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Persons Aged 50 Years or Older, Linkage to Care, Ohio, 2022

- In 2022, 82% of Black/African Americans aged 50 years or older newly diagnosed with HIV, 77% of Hispanics/Latinos aged 50 years or older newly diagnosed with HIV, and 84% of whites aged 50 years or older newly diagnosed with HIV in Ohio were linked within 30 days of diagnosis.

Linkage to Care Among Persons Aged 50 Years or Older by Race/Ethnicity, Ohio, 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 Ohio among persons aged ≥13 years in each year.

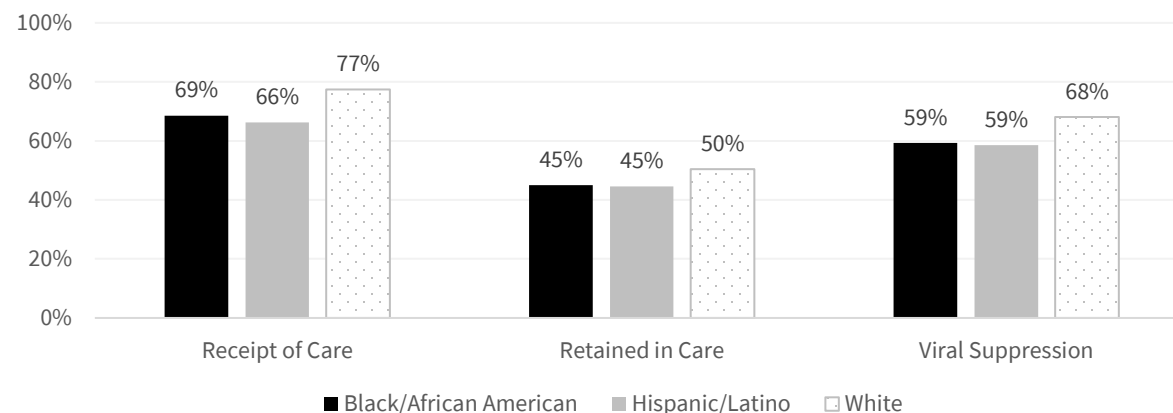
Reported new diagnoses of HIV infection include persons with a diagnosis of HIV (not AIDS), a diagnosis of HIV and an AIDS diagnosis within 12 months (HIV & later AIDS), and concurrent diagnoses of HIV and AIDS (AIDS) who were residents of Ohio at time of initial diagnosis. New diagnoses of HIV infection 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, 2024.

Persons Aged 50 Years or Older, Continuum of Care, Ohio, 2022

- Sixty-nine percent of Blacks/African Americans aged 50 years or older, 66% of Hispanics/Latinos aged 50 years or older, and 77% of whites aged 50 years or older living in Ohio with diagnosed HIV at the end of 2022 received care in 2023.

Persons Aged 50 Years or Older Living with Diagnosed HIV Infection- Continuum of Care, by Race/Ethnicity, Ohio, 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 ≥13 years living with HIV infection through the end of each year, and still living in Ohio at the end of the next year (e.g., living with HIV as of Dec. 31, 2022, and still living in Ohio as of Dec. 31, 2023).

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.

<https://odh.ohio.gov/know-our-programs/hiv-aids-surveillance-program>

Sex at birth	Linkage to Care						
	2022						
	Numerator						Denominator
	Linked w/in 30 days		Linked w/in 60 days		Linked w/in 90 days		Total
	No.	%	No.	%	No.	%	
Male	515	77%	569	85%	588	88%	672
Female	153	81%	168	88%	172	91%	190
Age							
13-19	29	88%	32	97%	32	97%	33
20-29	229	76%	258	85%	268	88%	303
30-39	194	76%	209	82%	216	85%	255
40-49	119	77%	135	88%	137	89%	154
50-59	67	86%	70	90%	72	92%	78
60+	30	77%	33	85%	35	90%	39
Race/Ethnicity							
American Indian/Alaska Native	-	--	-	--	-	--	-
Asian/Pacific Islander	6	86%	7	100%	7	100%	7
Black/African American	314	78%	348	86%	356	88%	403
Hispanic/Latino	63	82%	67	87%	69	90%	77
White	269	77%	296	85%	306	87%	350
Multi-race	16	64%	19	76%	22	88%	25
Transmission Category							
Male-to-male sexual contact	299	79%	334	88%	344	91%	378
Male injection drug use (IDU)	32	76%	34	81%	35	83%	42
Male-to-male sexual contact & IDU	23	82%	24	86%	26	93%	28
Male heterosexual contact	20	69%	27	93%	28	97%	29
Male Other/Unknown	141	72%	150	77%	155	79%	195
Female IDU	17	68%	22	88%	22	88%	25
Female heterosexual contact	111	86%	120	93%	122	95%	129
Female Other/Unknown	25	69%	26	72%	28	78%	36
Region							
Region 1	42	88%	45	94%	45	94%	48
Region 2	6	50%	10	83%	10	83%	12
Region 3/Part A-Cleveland	140	83%	147	88%	153	91%	168
Region 4	56	68%	61	74%	63	77%	82
Region 5	24	69%	30	86%	31	89%	35
Region 6	12	67%	16	89%	16	89%	18
Region 7	10	63%	12	75%	12	75%	16
Region 8	101	75%	118	88%	120	90%	134
Region 9	67	77%	73	84%	77	89%	87
Region 10	5	45%	7	64%	7	64%	11
Region 11/Part A-Columbus	180	81%	192	86%	199	90%	222
Total	668	77%	737	85%	760	88%	862

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 Ohio 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. 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 1: Defiance, Fulton, Henry, Lucas, Ottawa, Sandusky, Williams, Wood; **Region 2:** Ashland, Crawford, Erie, Huron, Knox, Marion, Richland, Seneca, Wyandot; **Part A-Cleveland/Region 3:** Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina; **Region 4:** Columbiana, Mahoning, Portage, Summit, Trumbull; **Region 5:** Carroll, Coshocton, Harrison, Holmes, Jefferson, Stark, Tuscarawas, Wayne; **Region 6:** Athens, Belmont, Guernsey, Meigs, Monroe, Morgan, Muskingum, Noble, Perry, Washington; **Region 7:** Adams, Fayette, Gallia, Hocking, Jackson, Lawrence, Pike, Ross, Scioto, Vinton; **Region 8:** Brown, Butler, Clermont, Clinton, Hamilton, Highland, Warren; **Region 9:** Clark, Darke, Greene, Miami, Montgomery, Preble; **Region 10:** Allen, Auglaize, Champaign, Hancock, Hardin, Logan, Mercer, Paulding, Putnam, Shelby, Van Wert; **Part A-Columbus/Region 11:** Delaware, Fairfield, Franklin, Licking, Madison, Morrow, Pickaway, Union. Sum of Regions may not equal grand total due to persons with unknown county of residence.

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.

	Continuum of Care						
	2022						
	Numerator						Denominator
	Receipt		Retain		Viral Suppression		Total
	No.	%	No.	%	No.	%	
Sex at Birth							
Male	15,312	75%	9,656	47%	13,002	64%	20,337
Female	4,028	74%	2,485	45%	3,395	62%	5,471
Age							
13-19	116	89%	86	66%	99	76%	131
20-29	1,864	79%	1,120	48%	1,509	64%	2,357
30-39	4,180	77%	2,507	46%	3,410	63%	5,402
40-49	3,768	75%	2,260	45%	3,139	63%	5,011
50-59	5,009	74%	3,188	47%	4,298	63%	6,776
60+	4,403	72%	2,980	49%	3,942	64%	6,131
Race/Ethnicity							
American Indian/Alaska Native	4	36%	2	18%	4	36%	11
Asian/Pacific Islander	111	69%	76	47%	98	61%	161
Black/African American	8,386	73%	5,212	45%	6,926	60%	11,457
Hispanic/Latino	1,420	71%	942	47%	1,243	62%	2,006
White	8,448	77%	5,292	48%	7,308	67%	10,917
Multi-race	971	81%	617	52%	818	68%	1,196
Unknown	-	0%	-	0%	-	0%	60
Transmission Category							
Male-to-male sexual contact	10,928	80%	6,886	50%	9,344	68%	13,700
Male injection drug use (IDU)	535	65%	302	37%	441	53%	826
Male-to-male sexual contact & IDU	783	72%	511	47%	639	59%	1,087
Male heterosexual contact	871	75%	559	48%	721	62%	1,162
Male Other/Unknown	2,115	61%	1,342	39%	1,793	52%	3,449
Female IDU	454	67%	248	37%	364	54%	677
Female heterosexual contact	3,238	78%	2,019	49%	2,754	66%	4,157
Female Other/Unknown	227	46%	141	29%	190	39%	493
Pediatric	189	74%	133	52%	151	59%	257
Region							
Region 1	1,020	78%	611	47%	797	61%	1,308
Region 2	320	71%	187	42%	269	60%	449
Region 3/Part A-Cleveland	4,488	75%	2,870	48%	3,897	66%	5,948
Region 4	1,529	78%	923	47%	1,316	67%	1,972
Region 5	538	75%	318	44%	476	66%	716
Region 6	232	68%	144	42%	202	59%	343
Region 7	274	74%	169	46%	237	64%	371
Region 8	3,139	75%	1,844	44%	2,450	58%	4,190
Region 9	1,656	79%	1,046	50%	1,468	70%	2,099
Region 10	302	76%	176	44%	246	62%	397
Region 11/Part A-Columbus	4,831	79%	3,081	50%	4,184	68%	6,122
Total	19,340	75%	12,141	47%	16,397	64%	25,808

Notes:

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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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