

# 2022

# WESTERN REGION ANNUAL HIV EPIDEMIOLOGICAL PROFILE

Data reported through  
June 30, 2023

**CENTER FOR HIV  
SURVEILLANCE,  
EPIDEMIOLOGY AND  
EVALUATION**

Infectious Disease Prevention and  
Health Services Bureau  
Prevention and Health Promotion  
Administration



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<https://health.maryland.gov/phpa/OIDEOR/CHSE/SiteAssets/Pages/statistics/Western-Region-Annual-HIV-Epidemiological-Profile-2022.pdf>

## Additional Information and Reporting Instructions

<https://health.maryland.gov/phpa/OIDEOR/CHSE/Pages/reporting-material.aspx>

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## Section I – Summary of Analyses and Technical Notes

### Highlights of Analyses

CHSEE in MDH is responsible for the collection, analysis, and dissemination of HIV surveillance data for the state of Maryland. The annual epidemiological profiles, fact sheets, maps and other reports are provided to summarize information about the HIV epidemic in Maryland. All rates presented below are per 100,000 population.

#### HIV Diagnoses

During 2022, there were 20 reported HIV diagnoses in the Western Region. The Western Region includes Allegany County, Frederick County, Garrett County, and Washington County. Data presented below describe HIV diagnoses in the Western Region, among people ages 13 years and older, during 2022.

- Geographic distribution: Frederick County accounted for the highest number (11, 55.0%) of HIV diagnoses. The rate was highest in Washington County (5.3).
- Age: People aged 20-29 years accounted for the highest number (10, 50.0%) of HIV diagnoses and the highest rate (15.1).
- Assigned Sex at Birth: Males accounted for the highest number (14, 70.0%) of HIV diagnoses. The rate among males was 6.1 and 2.6 among females.
- Race/Ethnicity: Non-Hispanic White people accounted for the highest number (10, 50.0%) of HIV diagnoses. The highest rate was among Non-Hispanic Black people (10.5).
- Exposure Category: Male-to-male sexual contact accounted for the highest number (10, 50.0%) of diagnoses.

#### People Living with Diagnosed HIV

At the end of 2022, there were 1,009 people living with diagnosed HIV in the Western Region. Data presented below describe people living with diagnosed HIV, aged 13 years and older, in the Western Region.

- Geographic distribution: Frederick County accounted for the highest number (505, 50.0%) of people living with diagnosed HIV. The highest rate was in Washington County (288.3).
- Age: People aged 50+ years accounted for the highest number (547, 54.2%) of people living with diagnosed HIV. The highest rate was among those ages 50-59 (387.1).
- Assigned Sex at Birth: Males accounted for the highest number (680, 67.4%) of people living with diagnosed HIV. The rate among males was 296.2 and 144.9 among females.
- Race/Ethnicity: Non-Hispanic White people accounted for the highest number (424, 42.0%) of the people living with diagnosed HIV. The highest rate was among Non-Hispanic Black people (809.8).
- Exposure Category: Male-to-male sexual contact accounted for the highest number (459, 45.5%) of the total people living with diagnosed HIV.

#### Engagement in HIV Care

- HIV diagnosed: Among people living with HIV in the Western Region, it is estimated that 92.2 percent have been diagnosed and an estimated 85 people with HIV remain undiagnosed.
- Linked to care: During 2022, 85.0 percent of reported HIV diagnoses were linked to HIV care within one month of their HIV diagnosis.
- Retained in care: Among people living with HIV, 71.5 percent were retained in care during 2022.
- Viral suppression: In 2022, 61.6 percent of people living with HIV achieved viral suppression.

## Technical Notes

### HIV Reporting

The Maryland HIV/AIDS Reporting Act of 2007 requires that people living with diagnosed HIV be reported by name to MDH. As per the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in the Code of Maryland Regulations (COMAR) 10.18.02, physicians are required to report patients in their care with diagnoses of HIV or AIDS and babies born to mothers living with HIV, clinical and infection control practitioners in medical and correctional facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS, and laboratory directors are required to report all HIV diagnostic and HIV-related monitoring test results, including HIV negative test results.

### Report Changes

To be responsive to changing data needs, the following updates have been made to this report:

- Current Residence estimates are restricted to people for which there is a case report form or laboratory test reported since January 1, 2013 (as opposed to January 1, 2009, which was used in prior profiles). Moving forward, current residents will describe persons reported to be residents of Maryland on the most recent report received in the ten years prior to the data reported through date.
- Tables 6-9 now include additional alternate age categories.
- Tables 17 and 19 have been added displaying data using alternate age categories.

### Data Specifications

Surveillance is the ongoing systematic collection, analysis, interpretation, and dissemination of data. Data are collected on all people with HIV who were residents of the state of Maryland or received HIV care in Maryland. Data are presented for people who were Maryland residents at the time of their HIV diagnosis in

2022 and for people who were living with HIV and were current residents of Maryland as of December 31, 2022.

Data presented were reported to the MDH through June 30, 2023. Reported new diagnoses and estimates of people living with diagnosed HIV are as of December 31, 2022.

This report presents data with a six-month reporting delay. This lag allows for time to report case and laboratory data and to complete investigations. Due to reporting delays, estimates by exposure category and mortality are preliminary.

Please read all table titles and footnotes carefully to ensure a complete understanding of the displayed data. A glossary of terms is also available.

#### COVID-19 and HIV Surveillance Data

Data for 2020 and 2021 should be interpreted with caution due to the impact of the Coronavirus Disease 2019 (COVID-19) pandemic on access to HIV testing and care-related services.

The following HIV morbidity estimates may have been affected by the COVID-19 pandemic.

- Declines in HIV diagnoses might not represent declines in new HIV transmissions, but rather decreases and/or delays in testing or changes in testing modality (e.g., self-testing).
- Caution should be used when interpreting prevalence (people living with HIV) estimates. Fewer HIV diagnoses and more deaths (resulting in lower prevalence) may be due to COVID-19 and not HIV activities.

#### Undiagnosed HIV

The Centers for Disease Control and Prevention (CDC), using national surveillance data, estimates that the number of people living with undiagnosed HIV among people living with HIV, is 13.3 percent in the United States.<sup>1</sup> Applying the same estimation method to Maryland surveillance data, the estimated number of people living with undiagnosed HIV in Maryland is 9.1 percent in 2021.

### AIDS Diagnoses

CD4+ T-lymphocyte tests are measures of a person's immune system function. An adult living with diagnosed HIV is considered to have AIDS if they have less than 200 CD4+ cells per microliter of blood, if the percent of T-Lymphocyte cells that are CD4+ is less than 14 percent, or if a person has been diagnosed with an opportunistic infection.

### Mortality

People are assumed to be alive unless reported as deceased. Caution should be exercised when interpreting mortality estimates for recent years due to delays in reporting of deaths and out-of-state deaths. Most deaths are reported within two years.

### Engagement in HIV Care

Treatment recommendations are that a person in HIV medical care should have their CD4 and viral load levels measured regularly, at least once per year. The presence of these lab tests is used as an indicator that someone has been "linked to care" after diagnosis or is "retained in care."

### Viral Suppression

Viral load tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Low levels of viral load, such as less than 200 copies per milliliter of blood, is known as viral suppression. Estimates of viral suppression among people living with diagnosed HIV are inclusive of people diagnosed in the specified year; therefore, they may not have had sufficient time to engage in HIV care and/or achieve viral suppression.

### Geographic Distribution

Residence at diagnosis is used exclusively to describe new diagnoses. Estimates of people living with diagnosed HIV use current residence. Current residence estimates are restricted to people for which there is a case report

form or laboratory test reported since January 1, 2013. Restricting address data to recent years presents the most accurate data available and helps to account for people that may have moved out of state whose data would no longer be reported in Maryland. However, current residence data excludes people that may still be residents of Maryland but have not received any HIV care in the last 10 years. In addition, residence is dynamic and people living with diagnosed HIV may have resided at multiple addresses that cannot all be represented in single time point estimates. Current residence assignments are constantly updated as new information becomes available and represent the best information available at the time of the estimate.

Not all historical data has been geocoded and therefore is preliminary. Geocoding is the process of assigning geographic identifiers to map features and data records. Addresses are standard data elements required by law and submitted as part of reporting requirements; however, the information may be incomplete which then requires a geocoding process to improve the quality of data.

### Residents of Correctional Facilities

New diagnoses of HIV and people living with diagnosed HIV who were reported to be residing in local jails or detention centers are presented, whenever possible, as residing at their home address. New diagnoses of HIV and people living with diagnosed HIV who were reported to be residing in a state or federal prison in Maryland are presented as residing in a separate "Corrections" jurisdiction.

### Gender Identity

Historically, it has been difficult to present data by gender. No reliable system exists for collecting or reporting gender identity and some agencies do not collect or have complete data on gender. This report is likely underreporting the number gender diverse people living with diagnosed HIV because of challenges in accurately identifying and reporting gender in HIV surveillance.

<sup>1</sup>Centers for Disease Control and Prevention. Estimated HIV incidence and prevalence in the United States, 2015–2019. HIV Surveillance Supplemental Report 2021;26(No. 1). <http://www.cdc.gov/hiv/library/reports/hiv-surveillance.html>. Published May 2021. Accessed May 2021.

### Race/Ethnicity

The completeness of reporting for race/ethnicity is variable in surveillance data. Definitions of race/ethnicity categories may vary across reporting sources and some reporting sources do not collect or have complete data on race/ethnicity. In this report, Hispanic/Latino people can be of any race.

### Country of Birth

The completeness of reporting a person's country of birth is variable in surveillance data. Not all reporting sources collect or have complete data on nativity. In addition, some people may immigrate to the United States with HIV. HIV testing data from other countries is often unavailable for these people; therefore, they are counted as a new diagnosis following their first HIV related lab test in the United States, even if they were first diagnosed elsewhere.

### HIV Exposure Categories

The CDC developed a hierarchy of exposure categories for surveillance purposes. People with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and counted only once. Men who report a history of sexual contact with other men and report injection drug use constitutes a separate transmission category. Transmission categories are listed in hierarchical order throughout the tables included in this profile.

### Sources of Data

Information on HIV and AIDS diagnoses, including residence, age, race/ethnicity, sex at birth, gender identity, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from MDH's Enhanced HIV/AIDS Reporting System (eHARS), as of June 30, 2023.

Population data by sex, age, and race/ethnicity are from the July 1, 2022 United States Census Estimates. Population data by country-of-birth are from the Census

Bureau's 2020 American Community Survey. This produces a difference in total population due to a different source. Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple races and Non-Hispanic another race from the Census were combined into one group.

### Tabulation of Column Totals

Numbers in figures, tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

### Data Suppression

To protect the confidentiality of people living with HIV, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g., ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than five people.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

Tables presenting clinical/laboratory information for reported new diagnoses by ZIP code will present only ZIP codes with at least five people. Exposure/risk data is not suppressed due to statistical adjustments resulting in the presentation of estimated or probable risk. Rates for populations under 10,000 people are not considered when determining groups or jurisdictions with the highest rates of HIV.

### Multiple Imputation

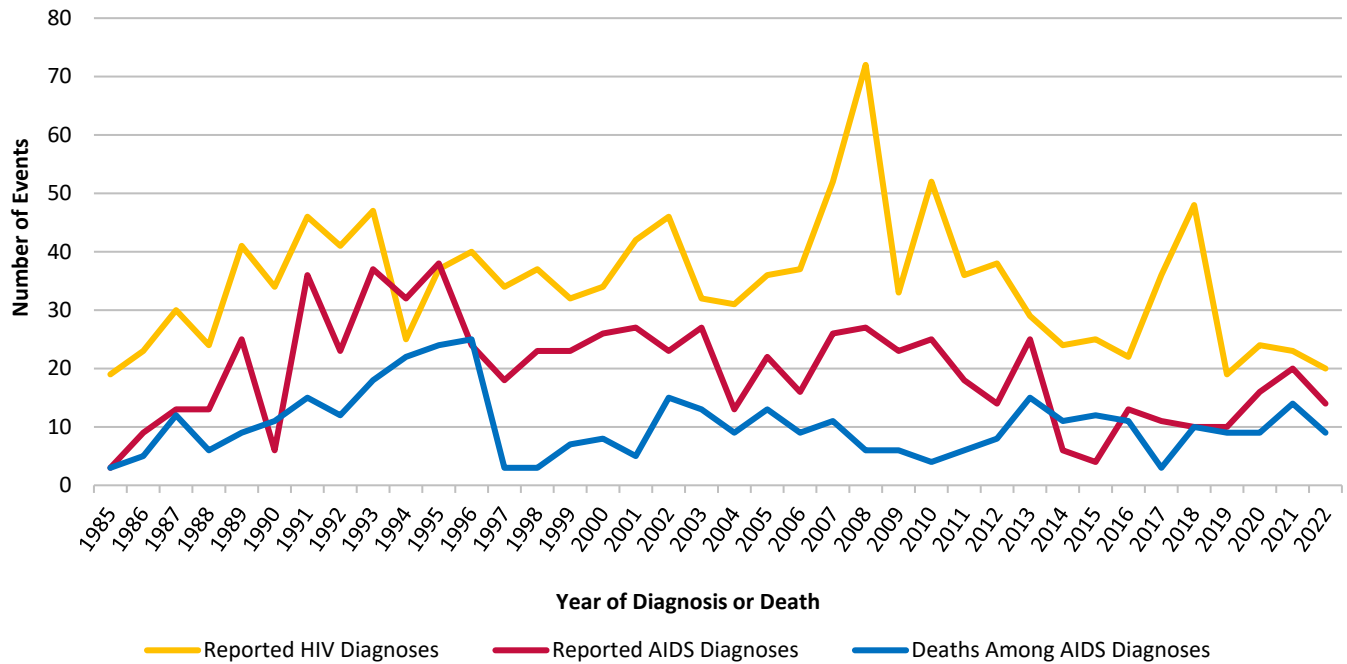
Not all exposure data is reported and is therefore missing in some instances. Multiple imputation is a statistical method by which missing exposure categories are replaced with estimated or probable exposure categories. Perinatal transmission and other exposure categories are never estimated or adjusted and depict the reported exposure category.



## Section II – Trends 1985-2022

**Figure 1 – Trends in HIV and AIDS Diagnoses and Deaths, among Residents at Diagnosis, 1985-2022, Reported through June 30, 2023**

People Diagnosed with HIV by Year of HIV Diagnosis, People Diagnosed with HIV with an AIDS Diagnosis by Year of AIDS Diagnosis, and People Diagnosed with HIV with an AIDS Diagnosis Reported to have Died of Any Cause (Reported Deaths) by Year of Death, from 1985 through 2022, as Reported through June 30, 2023

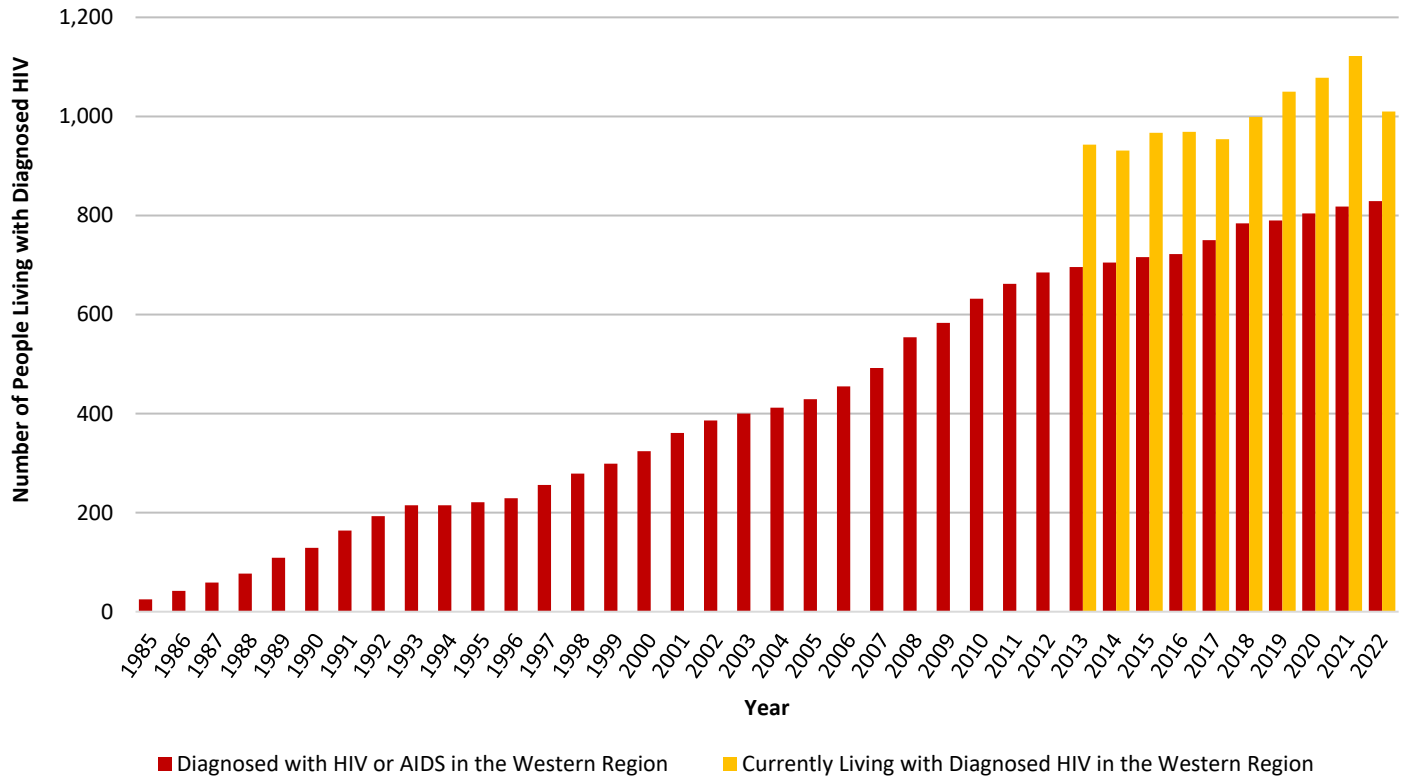


Year of Diagnosis or Death	HIV Diagnoses	AIDS Diagnoses	Deaths Among AIDS Diagnoses	Year of Diagnosis or Death	HIV Diagnoses	AIDS Diagnoses	Deaths Among AIDS Diagnoses
<1985	11	6	2	2004	31	13	9
1985	19	3	3	2005	36	22	13
1986	23	9	5	2006	37	16	9
1987	30	13	12	2007	52	26	11
1988	24	13	6	2008	72	27	6
1989	41	25	9	2009	33	23	6
1990	34	6	11	2010	52	25	4
1991	46	36	15	2011	36	18	6
1992	41	23	12	2012	38	14	8
1993	47	37	18	2013	29	25	15
1994	25	32	22	2014	24	6	11
1995	37	38	24	2015	25	4	12
1996	40	24	25	2016	22	13	11
1997	34	18	3	2017	36	11	3
1998	37	23	3	2018	48	10	10
1999	32	23	7	2019	19	10	9
2000	34	26	8	2020	24	16	9
2001	42	27	5	2021*	23	20	14
2002	46	23	15	2022*	20	14	9
2003	32	27	13	<b>Total</b>	<b>1,332</b>	<b>745</b>	<b>393</b>

\*2021-2022 reported deaths among AIDS diagnoses are preliminary.

**Figure 2 – Trends in People Living with Diagnosed HIV, among Residents at Diagnosis, 1985-2022, Reported through June 30, 2023**

People Living with Diagnosed HIV in the Western Region and Not Reported to have Died as of December 31st of Each Year (People who were Diagnosed with HIV or AIDS in the Western Region and/or People who are Currently Living with Diagnosed HIV in the Western Region) from 1985 through 2022, as Reported through June 30, 2023

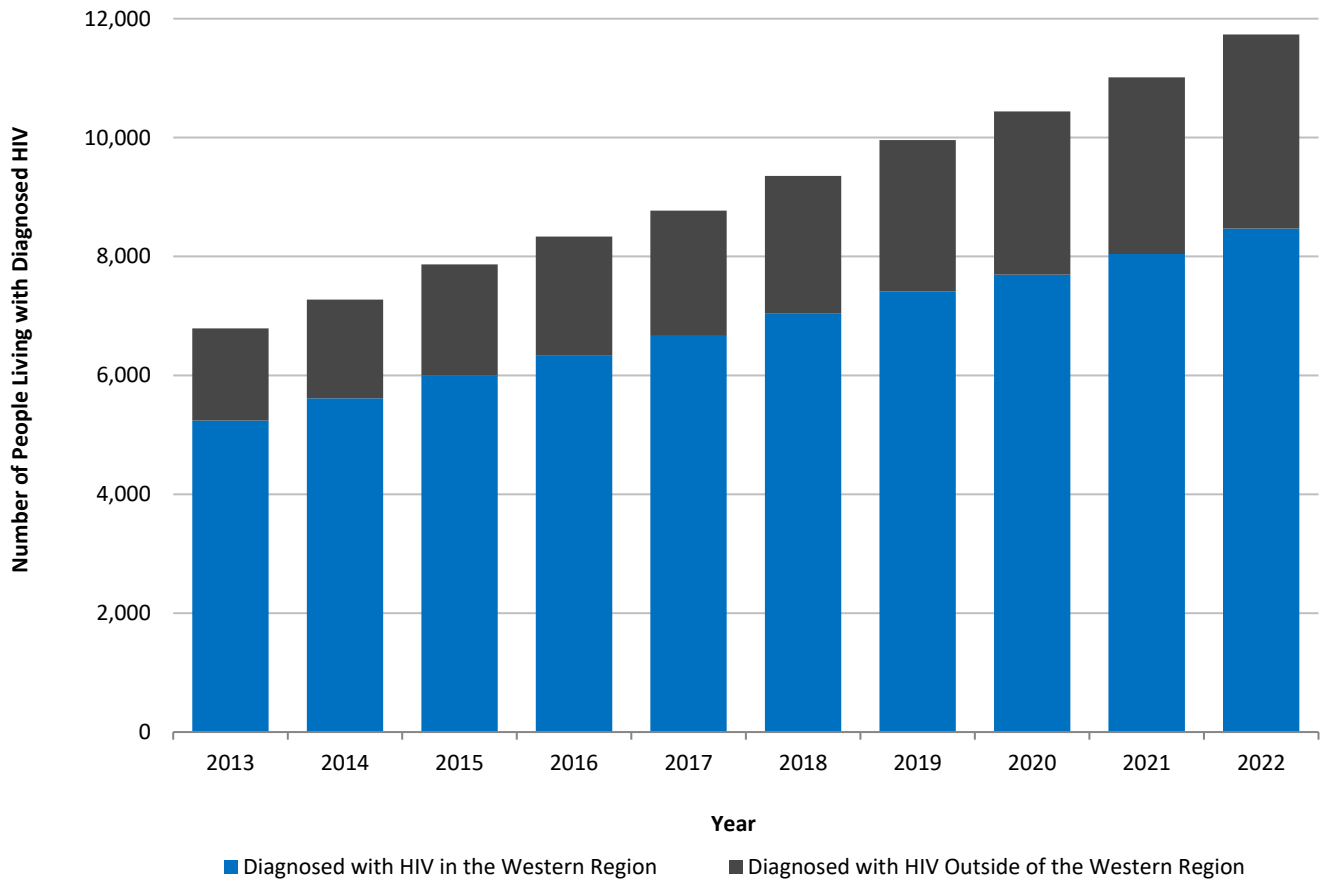


People Living with Diagnosed HIV			People Living with Diagnosed HIV		
Year	Diagnosed with HIV or AIDS in the Western Region	Current Residents	Year	Diagnosed with HIV or AIDS in the Western Region	Current Residents
1985	25	--	2004	412	--
1986	42	--	2005	429	--
1987	59	--	2006	455	--
1988	77	--	2007	492	--
1989	109	--	2008	554	--
1990	129	--	2009	583	--
1991	164	--	2010	632	--
1992	193	--	2011	662	--
1993	215	--	2012	685	--
1994	215	--	2013	696	943
1995	221	--	2014	705	931
1996	229	--	2015	716	967
1997	256	--	2016	722	969
1998	279	--	2017	750	954
1999	299	--	2018	784	999
2000	324	--	2019	790	1,050
2001	361	--	2020	804	1,078
2002	386	--	2021	818	1,122
2003	400	--	2022	829	1,010

Note. Current residents describe persons reported to be residents of Maryland in the ten years prior to the data reported through date.

**Figure 3 – Trends in People Aged 13+ Living with Diagnosed HIV, among Current Residents, 2013-2022, Reported through June 30, 2023**

People Living with Diagnosed HIV in the Western Region and Not Reported to have Died as of December 31<sup>st</sup> of Each Year from 2013 through 2022, as Reported through June 30, 2023

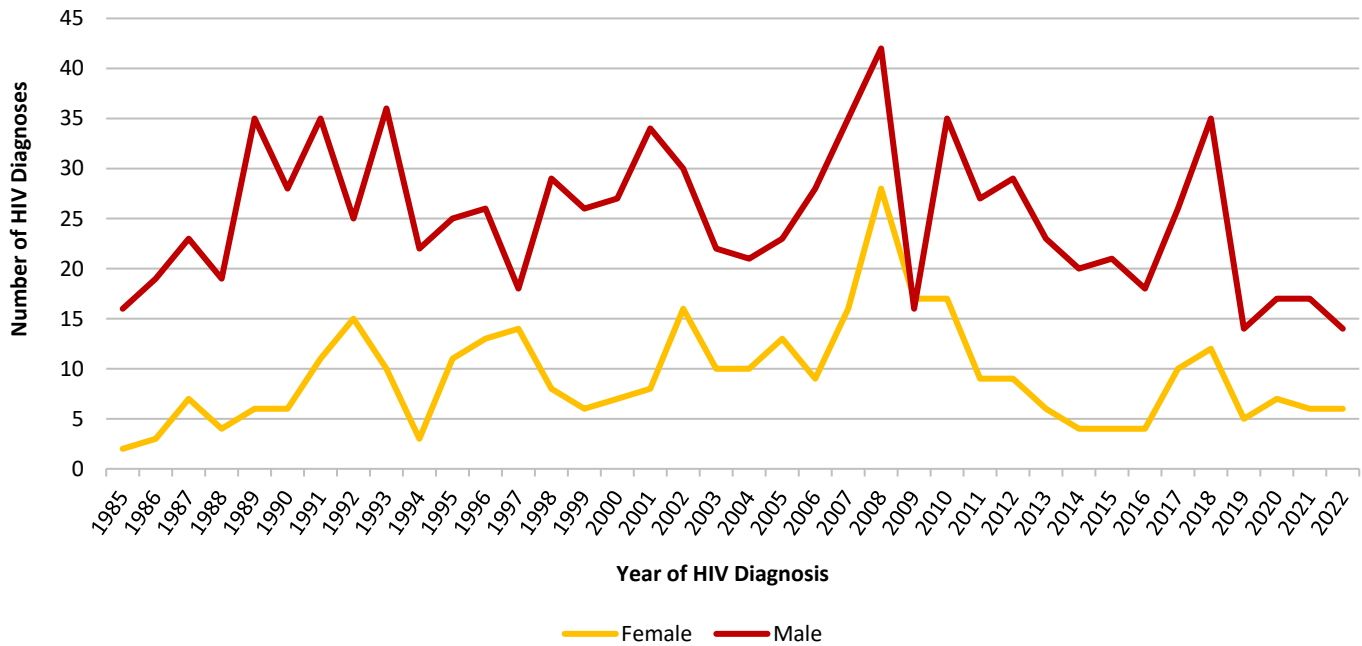


Year	Population Aged 13+	Western Region Residents Aged 13+ as of December 31st of the Specified Year		Total	Rate
		Diagnosed with HIV in Maryland	Diagnosed with HIV Outside of Maryland		
2013	416,155	5,240	1,549	6,789	1,631.4
2014	417,753	5,614	1,660	7,274	1,741.2
2015	419,308	6,004	1,864	7,868	1,876.4
2016	421,805	6,330	2,005	8,335	1,976.0
2017	425,185	6,664	2,106	8,770	2,062.6
2018	429,231	7,047	2,308	9,355	2,179.5
2019	433,090	7,414	2,544	9,958	2,299.3
2020	444,258	7,695	2,745	10,440	2,350.0
2021	451,198	8,042	2,970	11,012	2,440.6
2022	456,605	8,469	3,264	11,733	2,569.6

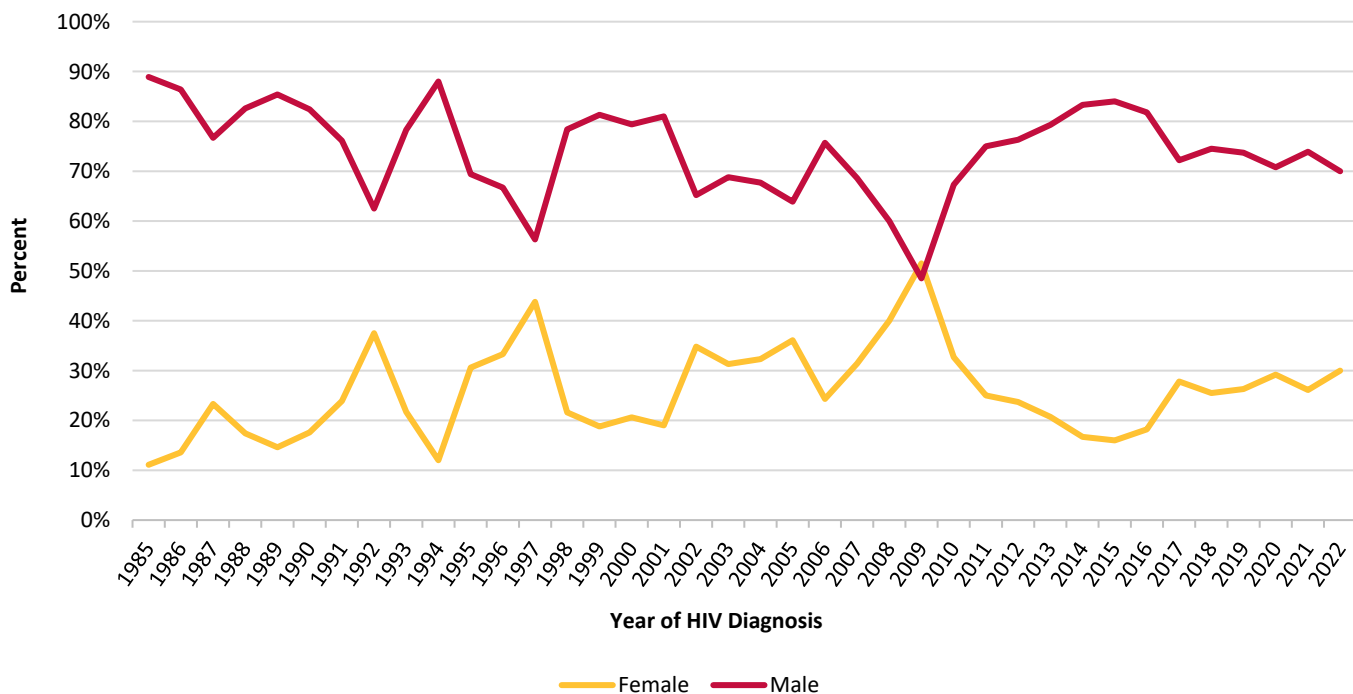
**Figure 4 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Assigned Sex at Birth, 1985-2022, Reported through June 30, 2023**

Number and Percent by Assigned Sex at Birth of People Diagnosed with HIV, Aged 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2022, as Reported through June 30, 2023

**HIV Diagnoses Among People Aged 13+ by Assigned Sex at Birth, 1985-2022, Reported through June 30, 2023**



**HIV Diagnoses Among People Aged 13+ by Assigned Sex at Birth, 1985-2022, Reported through June 30, 2023**



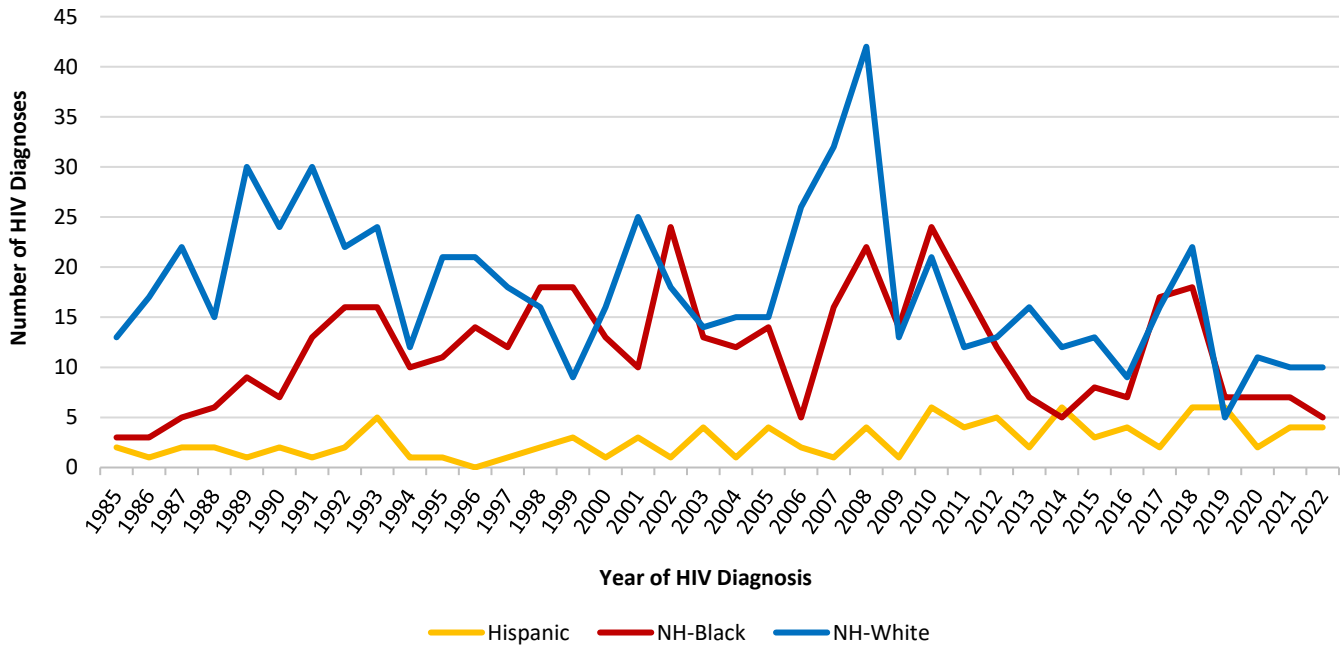
HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	Number	Assigned Sex at Birth			
		Female		Male	
		Number	Percent	Number	Percent
<1985	11	0	0.0%	11	100.0%
1985	18	2	11.1%	16	88.9%
1986	22	3	13.6%	19	86.4%
1987	30	7	23.3%	23	76.7%
1988	23	4	17.4%	19	82.6%
1989	41	6	14.6%	35	85.4%
1990	34	6	17.6%	28	82.4%
1991	46	11	23.9%	35	76.1%
1992	40	15	37.5%	25	62.5%
1993	46	10	21.7%	36	78.3%
1994	25	3	12.0%	22	88.0%
1995	36	11	30.6%	25	69.4%
1996	39	13	33.3%	26	66.7%
1997	32	14	43.8%	18	56.3%
1998	37	8	21.6%	29	78.4%
1999	32	6	18.8%	26	81.3%
2000	34	7	20.6%	27	79.4%
2001	42	8	19.0%	34	81.0%
2002	46	16	34.8%	30	65.2%
2003	32	10	31.3%	22	68.8%
2004	31	10	32.3%	21	67.7%
2005	36	13	36.1%	23	63.9%
2006	37	9	24.3%	28	75.7%
2007	51	16	31.4%	35	68.6%
2008	70	28	40.0%	42	60.0%
2009	33	17	51.5%	16	48.5%
2010	52	17	32.7%	35	67.3%
2011	36	9	25.0%	27	75.0%
2012	38	9	23.7%	29	76.3%
2013	29	6	20.7%	23	79.3%
2014	24	4	16.7%	20	83.3%
2015	25	4	16.0%	21	84.0%
2016	22	4	18.2%	18	81.8%
2017	36	10	27.8%	26	72.2%
2018	47	12	25.5%	35	74.5%
2019	19	5	26.3%	14	73.7%
2020	24	7	29.2%	17	70.8%
2021	23	6	26.1%	17	73.9%
2022	20	6	30.0%	14	70.0%
<b>Total</b>	<b>1,319</b>	<b>352</b>	<b>26.7%</b>	<b>967</b>	<b>73.3%</b>

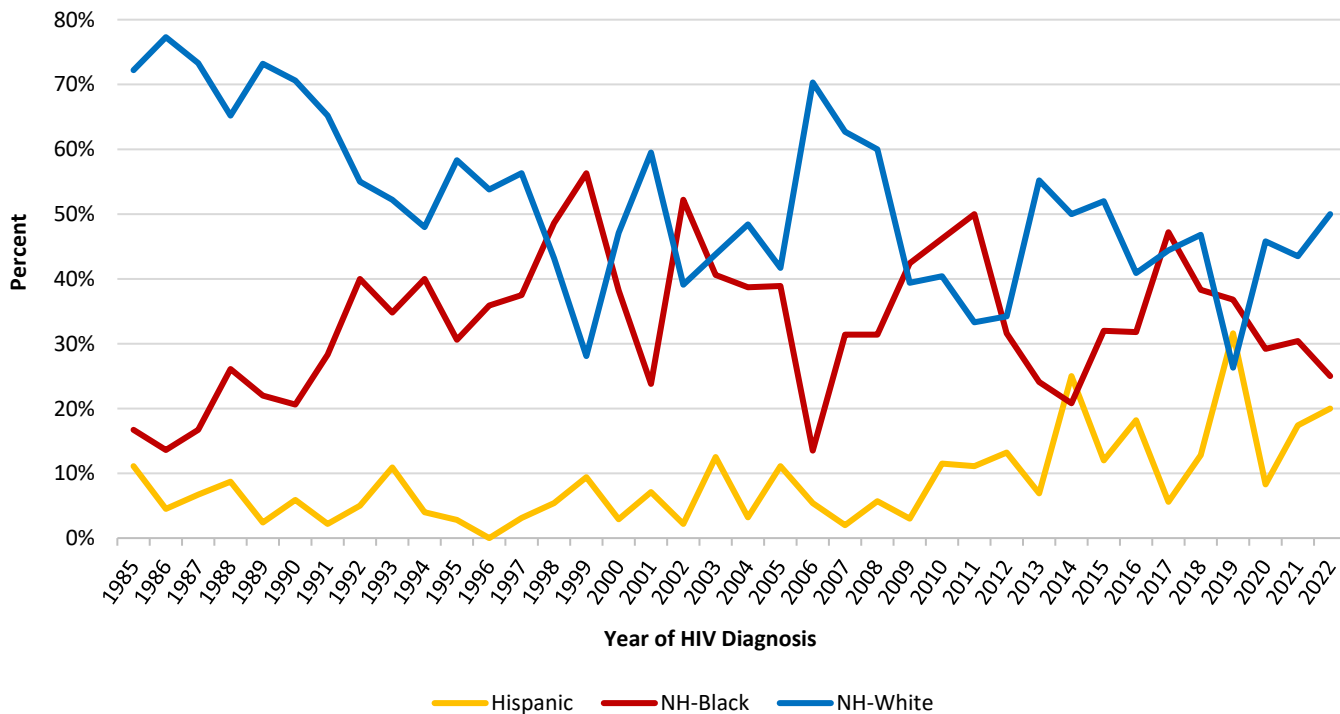
**Figure 5 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Race/Ethnicity, 1985-2022, Reported through June 30, 2023**

Number and Percent by Race/Ethnicity of People Diagnosed with HIV, Aged 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2022, as Reported through June 30, 2023

**HIV Diagnoses Among People Aged 13+ by Race/Ethnicity, 1985-2022, Reported through June 30, 2023**



**HIV Diagnoses Among People Aged 13+ by Race/Ethnicity, 1985-2022, Reported through June 30, 2023**



NH: Non-Hispanic  
 NH-Asian, NH-American Indian, NH-Native Hawaiian/Other Pacific Islander, NH-Multiracial/Another Race not shown

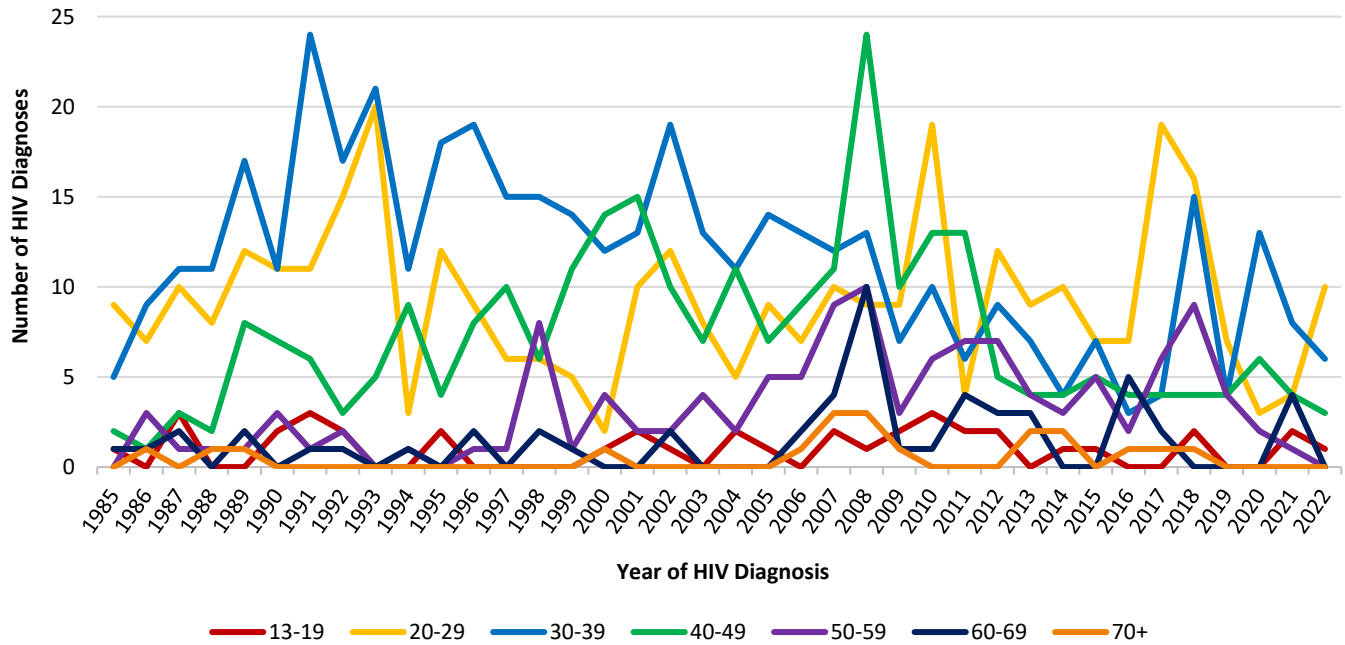
HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	No.	Race/Ethnicity							
		Hispanic		Non-Hispanic Black, only		Non-Hispanic White, only		Non-Hispanic Another Race	
		No.	%	No.	%	No.	%	No.	%
<1985	11	0	0.0%	4	36.4%	6	54.5%	1	9.1%
1985	18	2	11.1%	3	16.7%	13	72.2%	0	0.0%
1986	22	1	4.5%	3	13.6%	17	77.3%	1	4.5%
1987	30	2	6.7%	5	16.7%	22	73.3%	1	3.3%
1988	23	2	8.7%	6	26.1%	15	65.2%	0	0.0%
1989	41	1	2.4%	9	22.0%	30	73.2%	1	2.4%
1990	34	2	5.9%	7	20.6%	24	70.6%	1	2.9%
1991	46	1	2.2%	13	28.3%	30	65.2%	2	4.3%
1992	40	2	5.0%	16	40.0%	22	55.0%	0	0.0%
1993	46	5	10.9%	16	34.8%	24	52.2%	1	2.2%
1994	25	1	4.0%	10	40.0%	12	48.0%	2	8.0%
1995	36	1	2.8%	11	30.6%	21	58.3%	3	8.3%
1996	39	0	0.0%	14	35.9%	21	53.8%	4	10.3%
1997	32	1	3.1%	12	37.5%	18	56.3%	1	3.1%
1998	37	2	5.4%	18	48.6%	16	43.2%	1	2.7%
1999	32	3	9.4%	18	56.3%	9	28.1%	2	6.3%
2000	34	1	2.9%	13	38.2%	16	47.1%	4	11.8%
2001	42	3	7.1%	10	23.8%	25	59.5%	4	9.5%
2002	46	1	2.2%	24	52.2%	18	39.1%	3	6.5%
2003	32	4	12.5%	13	40.6%	14	43.8%	1	3.1%
2004	31	1	3.2%	12	38.7%	15	48.4%	3	9.7%
2005	36	4	11.1%	14	38.9%	15	41.7%	3	8.3%
2006	37	2	5.4%	5	13.5%	26	70.3%	4	10.8%
2007	51	1	2.0%	16	31.4%	32	62.7%	2	3.9%
2008	70	4	5.7%	22	31.4%	42	60.0%	2	2.9%
2009	33	1	3.0%	14	42.4%	13	39.4%	5	15.2%
2010	52	6	11.5%	24	46.2%	21	40.4%	1	1.9%
2011	36	4	11.1%	18	50.0%	12	33.3%	2	5.6%
2012	38	5	13.2%	12	31.6%	13	34.2%	8	21.1%
2013	29	2	6.9%	7	24.1%	16	55.2%	4	13.8%
2014	24	6	25.0%	5	20.8%	12	50.0%	1	4.2%
2015	25	3	12.0%	8	32.0%	13	52.0%	1	4.0%
2016	22	4	18.2%	7	31.8%	9	40.9%	2	9.1%
2017	36	2	5.6%	17	47.2%	16	44.4%	1	2.8%
2018	47	6	12.8%	18	38.3%	22	46.8%	1	2.1%
2019	19	6	31.6%	7	36.8%	5	26.3%	1	5.3%
2020	24	2	8.3%	7	29.2%	11	45.8%	4	16.7%
2021	23	4	17.4%	7	30.4%	10	43.5%	2	8.7%
2022	20	4	20.0%	5	25.0%	10	50.0%	1	5.0%
<b>Total</b>	<b>1,319</b>	<b>102</b>	<b>7.7%</b>	<b>450</b>	<b>34.1%</b>	<b>686</b>	<b>52.0%</b>	<b>81</b>	<b>6.1%</b>

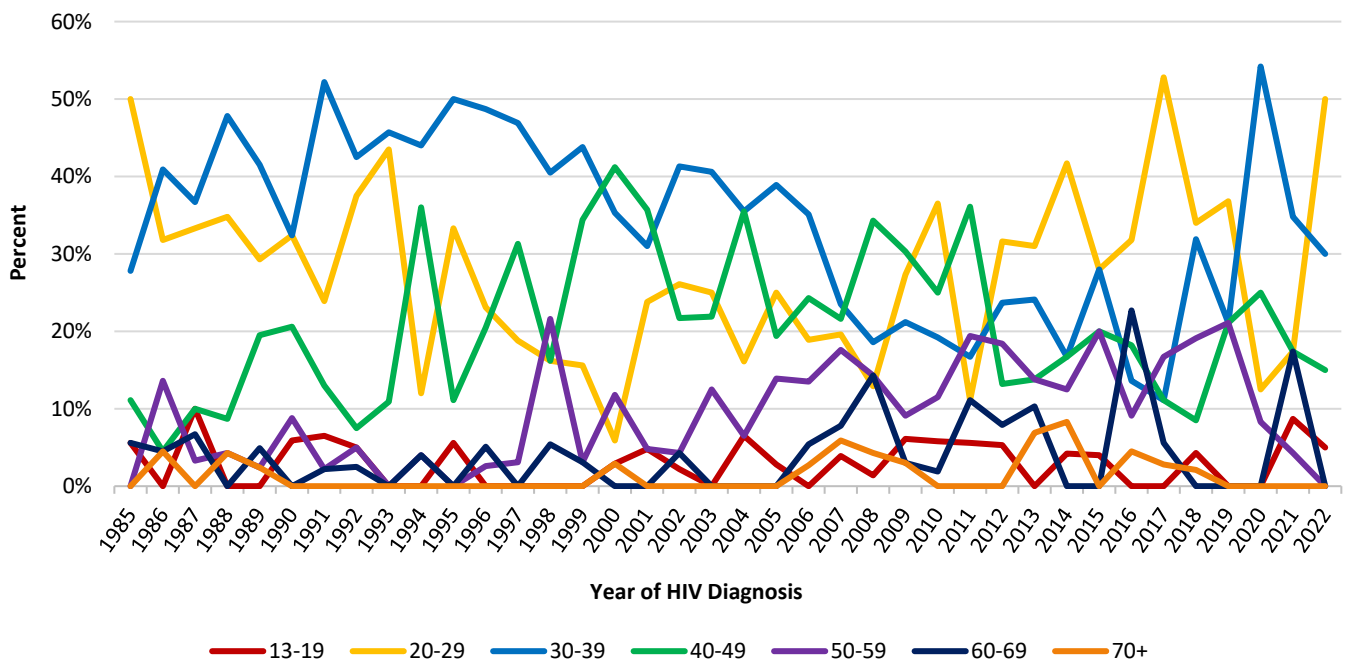
**Figure 6 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Age at HIV Diagnosis, 1985-2022, Reported through June 30, 2023**

Number and Percent by Age at HIV Diagnosis of People Diagnosed with HIV, Aged 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2022, as Reported through June 30, 2023

**HIV Diagnoses Among People Aged 13+ by Age at Diagnosis, 1985-2022, Reported through June 30, 2023**



**HIV Diagnoses Among People Aged 13+ by Age at Diagnosis, 1985-2022, Reported through June 30, 2023**





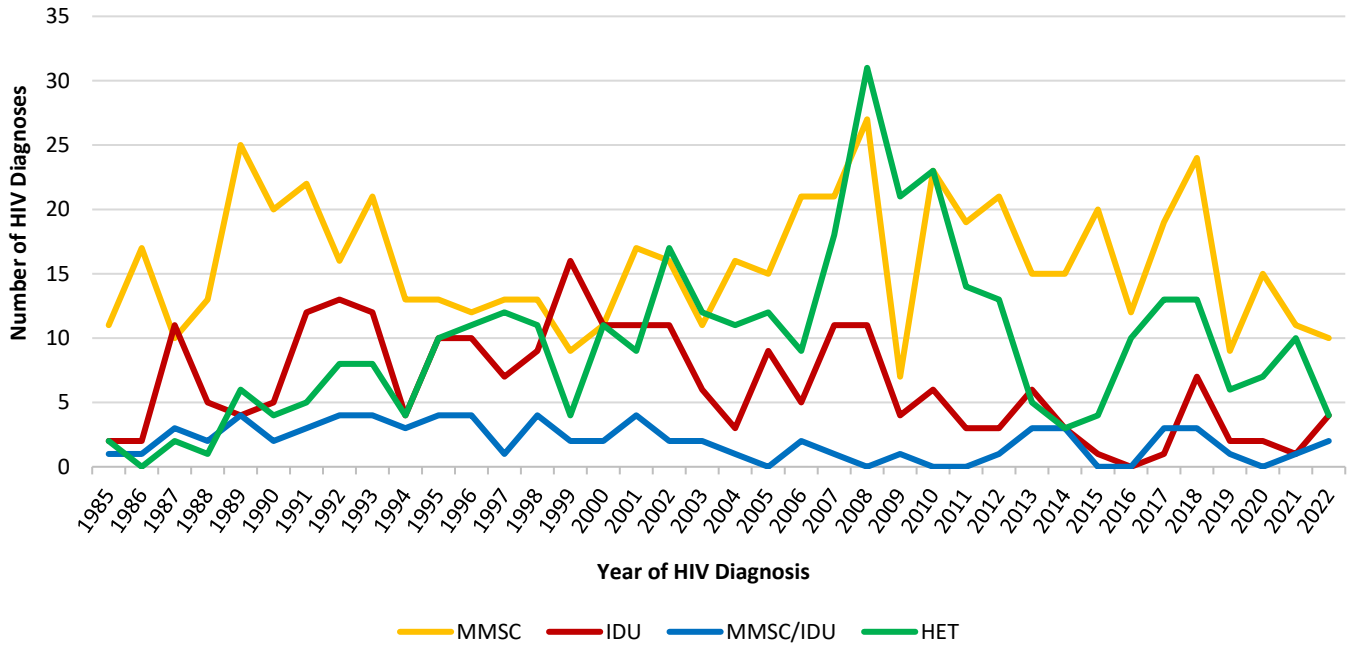
HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	No.	Age at HIV Diagnosis													
		13-19		20-29		30-39		40-49		50-59		60-69		70+	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<1985	11	1	9.1%	4	36.4%	5	45.5%	1	9.1%	0	0.0%	0	0.0%	0	0.0%
1985	18	1	5.6%	9	50.0%	5	27.8%	2	11.1%	0	0.0%	1	5.6%	0	0.0%
1986	22	0	0.0%	7	31.8%	9	40.9%	1	4.5%	3	13.6%	1	4.5%	1	4.5%
1987	30	3	10.0%	10	33.3%	11	36.7%	3	10.0%	1	3.3%	2	6.7%	0	0.0%
1988	23	0	0.0%	8	34.8%	11	47.8%	2	8.7%	1	4.3%	0	0.0%	1	4.3%
1989	41	0	0.0%	12	29.3%	17	41.5%	8	19.5%	1	2.4%	2	4.9%	1	2.4%
1990	34	2	5.9%	11	32.4%	11	32.4%	7	20.6%	3	8.8%	0	0.0%	0	0.0%
1991	46	3	6.5%	11	23.9%	24	52.2%	6	13.0%	1	2.2%	1	2.2%	0	0.0%
1992	40	2	5.0%	15	37.5%	17	42.5%	3	7.5%	2	5.0%	1	2.5%	0	0.0%
1993	46	0	0.0%	20	43.5%	21	45.7%	5	10.9%	0	0.0%	0	0.0%	0	0.0%
1994	25	0	0.0%	3	12.0%	11	44.0%	9	36.0%	1	4.0%	1	4.0%	0	0.0%
1995	36	2	5.6%	12	33.3%	18	50.0%	4	11.1%	0	0.0%	0	0.0%	0	0.0%
1996	39	0	0.0%	9	23.1%	19	48.7%	8	20.5%	1	2.6%	2	5.1%	0	0.0%
1997	32	0	0.0%	6	18.8%	15	46.9%	10	31.3%	1	3.1%	0	0.0%	0	0.0%
1998	37	0	0.0%	6	16.2%	15	40.5%	6	16.2%	8	21.6%	2	5.4%	0	0.0%
1999	32	0	0.0%	5	15.6%	14	43.8%	11	34.4%	1	3.1%	1	3.1%	0	0.0%
2000	34	1	2.9%	2	5.9%	12	35.3%	14	41.2%	4	11.8%	0	0.0%	1	2.9%
2001	42	2	4.8%	10	23.8%	13	31.0%	15	35.7%	2	4.8%	0	0.0%	0	0.0%
2002	46	1	2.2%	12	26.1%	19	41.3%	10	21.7%	2	4.3%	2	4.3%	0	0.0%
2003	32	0	0.0%	8	25.0%	13	40.6%	7	21.9%	4	12.5%	0	0.0%	0	0.0%
2004	31	2	6.5%	5	16.1%	11	35.5%	11	35.5%	2	6.5%	0	0.0%	0	0.0%
2005	36	1	2.8%	9	25.0%	14	38.9%	7	19.4%	5	13.9%	0	0.0%	0	0.0%
2006	37	0	0.0%	7	18.9%	13	35.1%	9	24.3%	5	13.5%	2	5.4%	1	2.7%
2007	51	2	3.9%	10	19.6%	12	23.5%	11	21.6%	9	17.6%	4	7.8%	3	5.9%
2008	70	1	1.4%	9	12.9%	13	18.6%	24	34.3%	10	14.3%	10	14.3%	3	4.3%
2009	33	2	6.1%	9	27.3%	7	21.2%	10	30.3%	3	9.1%	1	3.0%	1	3.0%
2010	52	3	5.8%	19	36.5%	10	19.2%	13	25.0%	6	11.5%	1	1.9%	0	0.0%
2011	36	2	5.6%	4	11.1%	6	16.7%	13	36.1%	7	19.4%	4	11.1%	0	0.0%
2012	38	2	5.3%	12	31.6%	9	23.7%	5	13.2%	7	18.4%	3	7.9%	0	0.0%
2013	29	0	0.0%	9	31.0%	7	24.1%	4	13.8%	4	13.8%	3	10.3%	2	6.9%
2014	24	1	4.2%	10	41.7%	4	16.7%	4	16.7%	3	12.5%	0	0.0%	2	8.3%
2015	25	1	4.0%	7	28.0%	7	28.0%	5	20.0%	5	20.0%	0	0.0%	0	0.0%
2016	22	0	0.0%	7	31.8%	3	13.6%	4	18.2%	2	9.1%	5	22.7%	1	4.5%
2017	36	0	0.0%	19	52.8%	4	11.1%	4	11.1%	6	16.7%	2	5.6%	1	2.8%
2018	47	2	4.3%	16	34.0%	15	31.9%	4	8.5%	9	19.1%	0	0.0%	1	2.1%
2019	19	0	0.0%	7	36.8%	4	21.1%	4	21.1%	4	21.1%	0	0.0%	0	0.0%
2020	24	0	0.0%	3	12.5%	13	54.2%	6	25.0%	2	8.3%	0	0.0%	0	0.0%
2021	23	2	8.7%	4	17.4%	8	34.8%	4	17.4%	1	4.3%	4	17.4%	0	0.0%
2022	20	1	5.0%	10	50.0%	6	30.0%	3	15.0%	0	0.0%	0	0.0%	0	0.0%
<b>Total</b>	<b>1,319</b>	<b>40</b>	<b>3.0%</b>	<b>356</b>	<b>27.0%</b>	<b>446</b>	<b>33.8%</b>	<b>277</b>	<b>21.0%</b>	<b>126</b>	<b>9.6%</b>	<b>55</b>	<b>4.2%</b>	<b>19</b>	<b>1.4%</b>

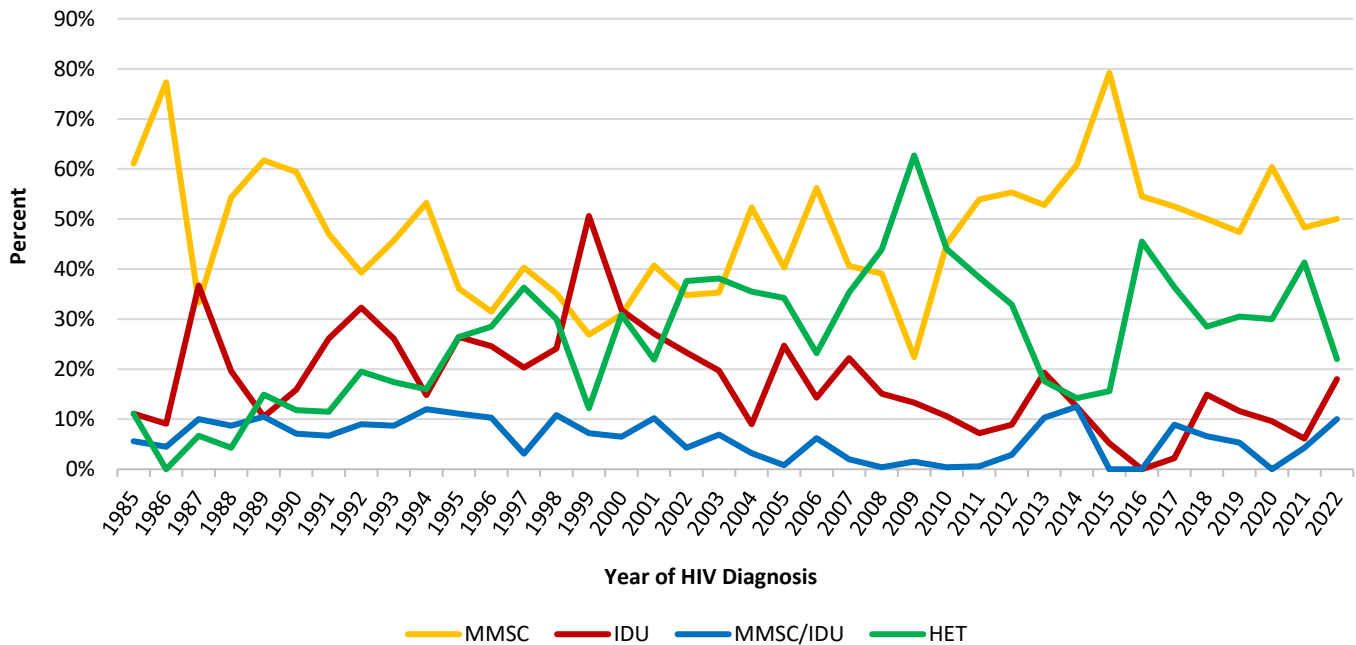
**Figure 7 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Estimated Exposure Category, 1985-2022, Reported through June 30, 2023**

Number and Percent by Estimated Exposure Category<sup>§</sup> of People Diagnosed with HIV, Aged 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2022, as Reported through June 30, 2023

**HIV Diagnoses Among People 13+ by Estimated Exposure Category, 1985-2022, Reported through June 30, 2023**



**HIV Diagnoses Among People Aged 13+ by Estimated Exposure Category, 1985-2022, Reported through June 30, 2023**



Other exposure category not shown.

§ Multiple imputation was used to estimate and adjust for missing exposure category.

HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	No.	% with No Reported Exposure <sup>‡</sup>	Estimated Exposure Category <sup>§</sup>									
			MMSC		IDU		MMSC/IDU		HET		Other Exposure	
			No.	%	No.	%	No.	%	No.	%	No.	%
<1985	11	9.1%	8	73.6%	1	11.8%	1	9.1%	1	5.5%	0	0.0%
1985	18	0.0%	11	61.1%	2	11.1%	1	5.6%	2	11.1%	2	11.1%
1986	22	0.0%	17	77.3%	2	9.1%	1	4.5%	0	0.0%	2	9.1%
1987	30	0.0%	10	33.3%	11	36.7%	3	10.0%	2	6.7%	4	13.3%
1988	23	4.3%	13	54.3%	5	19.6%	2	8.7%	1	4.3%	3	13.0%
1989	41	7.3%	25	61.7%	4	10.5%	4	10.5%	6	14.9%	1	2.4%
1990	34	5.9%	20	59.4%	5	15.9%	2	7.1%	4	11.8%	2	5.9%
1991	46	4.3%	22	47.0%	12	26.1%	3	6.7%	5	11.5%	4	8.7%
1992	40	12.5%	16	39.3%	13	32.3%	4	9.0%	8	19.5%	0	0.0%
1993	46	0.0%	21	45.7%	12	26.1%	4	8.7%	8	17.4%	1	2.2%
1994	25	4.0%	13	53.2%	4	14.8%	3	12.0%	4	16.0%	1	4.0%
1995	36	2.8%	13	36.1%	10	26.4%	4	11.1%	10	26.4%	0	0.0%
1996	39	5.1%	12	31.5%	10	24.6%	4	10.3%	11	28.5%	2	5.1%
1997	32	6.3%	13	40.3%	7	20.3%	1	3.1%	12	36.3%	0	0.0%
1998	37	5.4%	13	35.1%	9	24.1%	4	10.8%	11	30.0%	0	0.0%
1999	32	12.5%	9	26.9%	16	50.6%	2	7.2%	4	12.2%	1	3.1%
2000	34	11.8%	11	30.9%	11	31.8%	2	6.5%	11	30.9%	0	0.0%
2001	42	11.9%	17	40.7%	11	27.1%	4	10.2%	9	21.9%	0	0.0%
2002	46	13.0%	16	34.8%	11	23.3%	2	4.3%	17	37.6%	0	0.0%
2003	32	6.3%	11	35.3%	6	19.7%	2	6.9%	12	38.1%	0	0.0%
2004	31	12.9%	16	52.3%	3	9.0%	1	3.2%	11	35.5%	0	0.0%
2005	36	25.0%	15	40.3%	9	24.7%	0	0.8%	12	34.2%	0	0.0%
2006	37	16.2%	21	56.2%	5	14.3%	2	6.2%	9	23.2%	0	0.0%
2007	51	45.1%	21	40.6%	11	22.2%	1	2.0%	18	35.3%	0	0.0%
2008	70	51.4%	27	39.1%	11	15.1%	0	0.4%	31	43.9%	1	1.4%
2009	33	51.5%	7	22.4%	4	13.3%	1	1.5%	21	62.7%	0	0.0%
2010	52	34.6%	23	45.0%	6	10.6%	0	0.4%	23	44.0%	0	0.0%
2011	36	25.0%	19	53.9%	3	7.2%	0	0.6%	14	38.3%	0	0.0%
2012	38	10.5%	21	55.3%	3	8.9%	1	2.9%	13	32.9%	0	0.0%
2013	29	13.8%	15	52.8%	6	19.3%	3	10.3%	5	17.6%	0	0.0%
2014	24	8.3%	15	60.8%	3	12.5%	3	12.5%	3	14.2%	0	0.0%
2015	25	8.0%	20	79.2%	1	5.2%	0	0.0%	4	15.6%	0	0.0%
2016	22	0.0%	12	54.5%	0	0.0%	0	0.0%	10	45.5%	0	0.0%
2017	36	8.3%	19	52.5%	1	2.2%	3	8.9%	13	36.4%	0	0.0%
2018	47	10.6%	24	50.0%	7	14.9%	3	6.6%	13	28.5%	0	0.0%
2019	19	21.1%	9	47.4%	2	11.6%	1	5.3%	6	30.5%	1	5.3%
2020	24	8.3%	15	60.4%	2	9.6%	0	0.0%	7	30.0%	0	0.0%
2021	23	13.0%	11	48.3%	1	6.1%	1	4.3%	10	41.3%	0	0.0%
2022	20	10.0%	10	50.0%	4	18.0%	2	10.0%	4	22.0%	0	0.0%
<b>Total</b>	<b>1,319</b>	<b>14.9%</b>	<b>611</b>	<b>46.3%</b>	<b>244</b>	<b>18.5%</b>	<b>75</b>	<b>5.7%</b>	<b>365</b>	<b>27.7%</b>	<b>25</b>	<b>1.9%</b>

§ Multiple imputation was used to estimate and adjust for missing transmission category.

‡Percent with no reported exposure prior to multiple imputation adjustment.

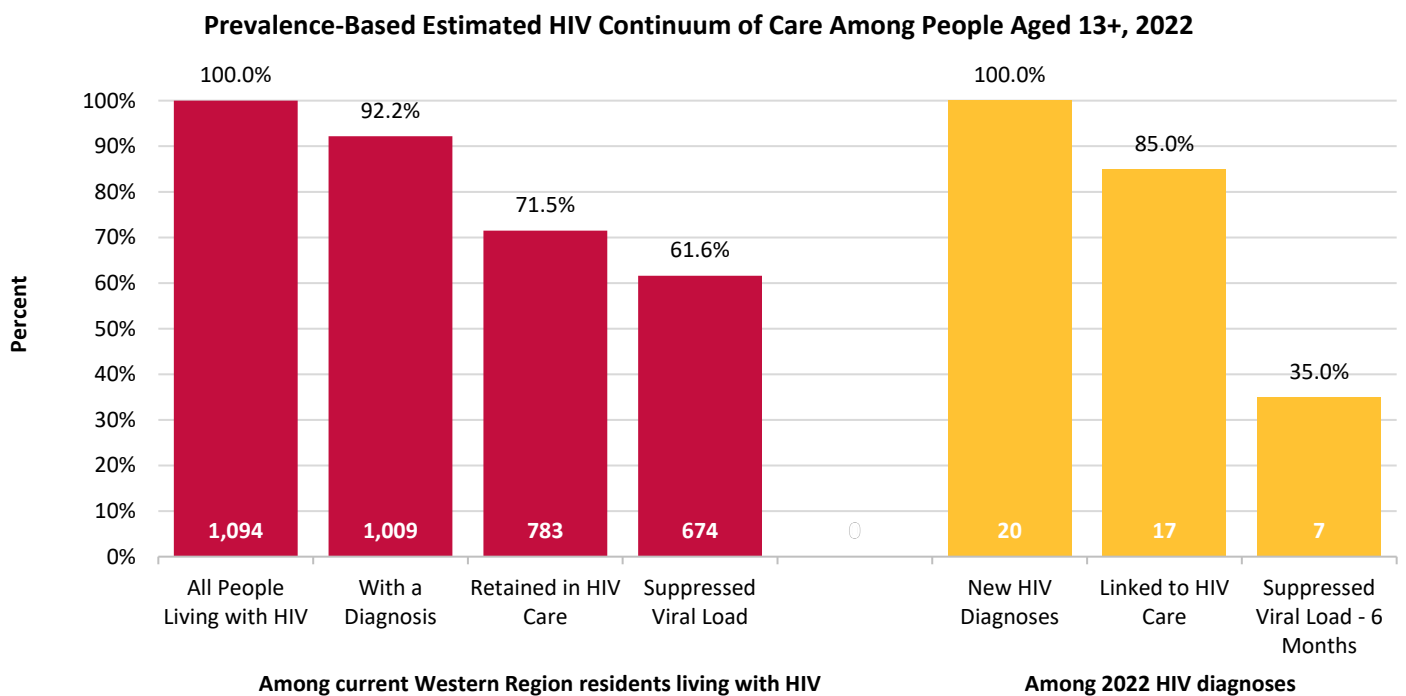
Note. Discrepancies in the table between total HIV diagnoses and the sums by exposure category are due to less than 1 percent of people missing transmission category after multiple imputation.

### Section III – Continuum of Care Cascades

In their 2011 article in *Clinical Infectious Diseases*, Gardner et al.<sup>1</sup> utilize a continuum of care “cascade” to illustrate estimates of the number of people living with HIV who belong to each of the stages of engagement in HIV care.

**Figure 8 – Prevalence-Based Estimated 2022 HIV Continuum of Care Cascades, among Current Western Region Residents Aged 13+, Reported through June 30, 2023**

The prevalence-based Western Region Engagement in HIV Care Cascades (below) apply the CDC CD4 depletion model to Maryland surveillance data, reported through June 30, 2023, to estimate the number of people living with undiagnosed HIV (7.8%) and the estimated number of people living with HIV currently residing in the Western Region. Maryland surveillance data is then used to describe the number and percentage of people living with HIV in the Western Region on December 31, 2022 and the number and percentage of new HIV diagnoses in 2022 who belong to each of the stages of engagement in HIV care.

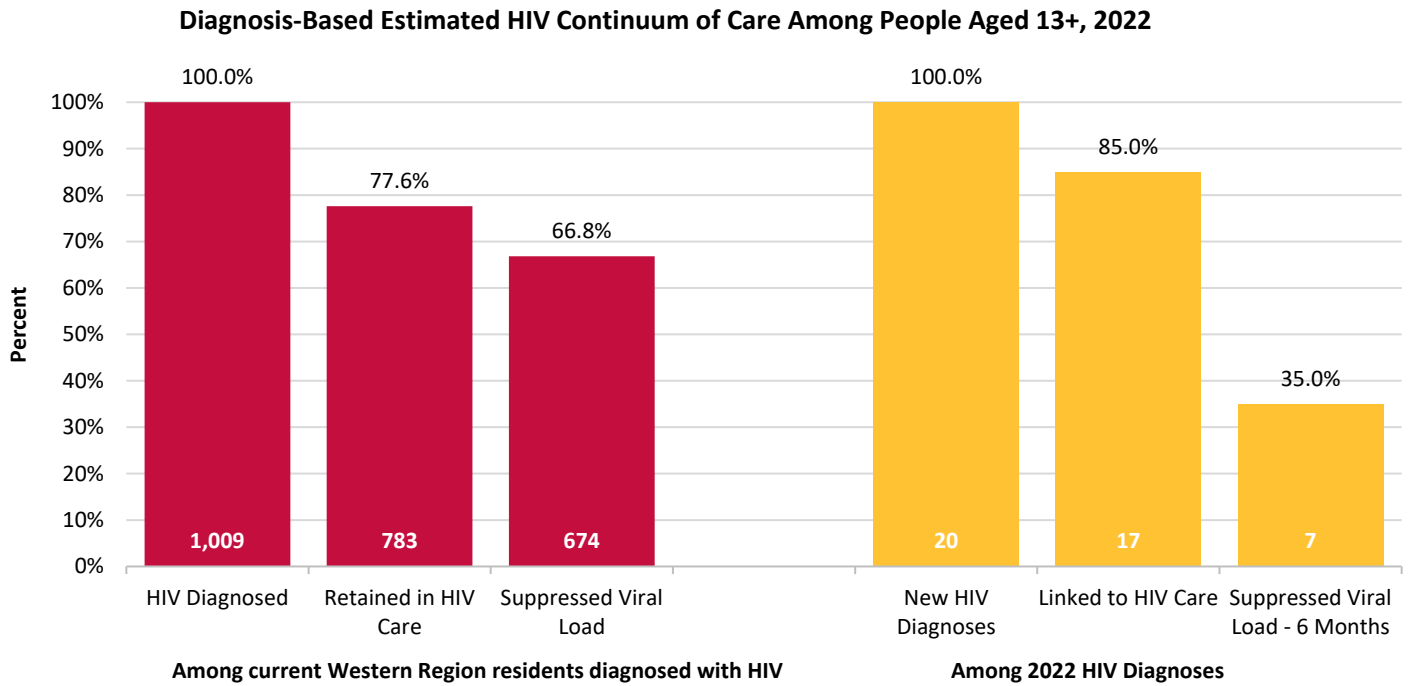


Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2022 HIV Diagnoses	
	Number	Percent		Number	Percent
All People Living with HIV	1,094	100.0%	New HIV Diagnoses	20	100.0%
With a Diagnosis	1,009	92.2%	Linked to HIV Care	17	85.0%
Retained in HIV Care	783	71.5%	Suppressed Viral Load – 6 Months	7	35.0%
Suppressed Viral Load	674	61.6%			

<sup>1</sup> Gardner et al, “The Spectrum of Engagement in HIV Care and its Relevance to Test-and-Treat Strategies for Prevention of HIV Infection.” *Clin Infect Dis*. 2011; 52 (6): 793-800.

**Figure 9 – Diagnosis-Based Estimated 2022 HIV Continuum of Care Cascades, among Current Western Region Residents Aged 13+, Reported through June 30, 2023**

The diagnosis-based Western Region Engagement in HIV Care Cascade (below) uses Maryland surveillance data for current Western Region residents to describe the number and percentage of people living with diagnosed HIV in the Western Region on December 31, 2022 and the number and percentage of new HIV diagnoses in 2022 who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2022 HIV Diagnoses	
	Number	Percent		Number	Percent
HIV Diagnosed	1,009	100.0%	New HIV Diagnoses	20	100.0%
Retained in HIV Care	783	77.6%	Linked to HIV Care	17	85.0%
Suppressed Viral Load	674	66.8%	Suppressed Viral Load – 6 Months	7	35.0%

## Section IV – By Jurisdiction

**Table 1 – HIV Diagnoses and Reported AIDS Diagnoses, among People Aged 13+ during 2022, by Jurisdiction of Residence at Diagnosis, Reported through June 30, 2023**

Jurisdiction of Residence at Diagnosis	Population Aged 13+	HIV Diagnoses among People Aged 13+			AIDS Diagnoses among People Aged 13+		
		No.	% of Total	Rate	No.	% of Total	Rate
Allegany	58,834	2	10.0%	3.4	4	28.6%	6.8
Frederick	240,559	11	55.0%	4.6	4	28.6%	1.7
Garrett	25,054	0	0.0%	0.0	0	0.0%	0.0
Washington	132,158	7	35.0%	5.3	6	42.9%	4.5
<b>Total</b>	<b>456,605</b>	<b>20</b>	<b>100.0%</b>	<b>4.4</b>	<b>14</b>	<b>100.0%</b>	<b>3.1</b>

**Table 2 – HIV Diagnoses, among People Aged 13+ during 2022, Linked to Care, Viral Suppression, Late Diagnosis, and First CD4 Test Result by Jurisdiction of Residence at Diagnosis, Reported through June 30, 2023**

Jurisdiction of Residence at HIV Diagnosis	HIV Diagnoses among People Aged 13+					First CD4 Test Result	
	No.	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	% with Test	Median Count	
Allegany	2	***	***	***	***	***	
Frederick	11	81.8%	54.5%	***	100.0%	328	
Garrett	0	--	--	--	--	--	
Washington	7	***	***	***	***	***	
<b>Total</b>	<b>20</b>	<b>85.0%</b>	<b>35.0%</b>	<b>20.0%</b>	<b>95.0%</b>	<b>328</b>	

\*\*\* Data withheld due to low population counts and/or small numbers.

**Table 3 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2022, by Jurisdiction of Residence at Diagnosis and Current Residence, Reported through June 30, 2023**

Jurisdiction of Residence	Population Aged 13+	Total People Aged 13+ Living with Diagnosed HIV								
		Residence at Diagnosis				Current Residence				% Change
No.	% of Total	Rate	Ratio (1 in X)	No.	% of Total	Rate	Ratio (1 in X)			
Allegany	58,834	97	11.7%	164.9	607	108	10.7%	183.6	545	11.3%
Frederick	240,559	398	48.0%	165.4	604	505	50.0%	209.9	476	26.9%
Garrett	25,054	8	1.0%	31.9	3,132	15	1.5%	59.9	1,670	87.5%
Washington	132,158	326	39.3%	246.7	405	381	37.8%	288.3	347	16.9%
<b>Total</b>	<b>456,605</b>	<b>829</b>	<b>100.0%</b>	<b>181.6</b>	<b>551</b>	<b>1,009</b>	<b>100.0%</b>	<b>221.0</b>	<b>453</b>	<b>21.7%</b>

**Table 4 – CD4 Test Results during 2022 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2022, by Jurisdiction of Current Residence, Reported through June 30, 2023**

Jurisdiction of Current Residence	Total People Aged 13+ Living with Diagnosed HIV								
	No.	Recent CD4 Test Result				<200	200-349	350-499	500+
		No. with Test	% with Test	Median Count					
Allegany	108	93	86.1%	712	3.2%	7.5%	11.8%	77.4%	
Frederick	505	365	72.3%	673	5.2%	7.1%	14.0%	73.7%	
Garrett	15	13	86.7%	653	0.0%	7.7%	15.4%	76.9%	
Washington	381	283	74.3%	707	6.0%	8.8%	15.5%	69.6%	
<b>Total</b>	<b>1,009</b>	<b>754</b>	<b>74.7%</b>	<b>690</b>	<b>5.2%</b>	<b>7.8%</b>	<b>14.3%</b>	<b>72.7%</b>	

**Table 5 – Viral Load Test Results during 2022 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2022, by Jurisdiction of Current Residence, Reported through June 30, 2023**

Jurisdiction of Current Residence	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
Allegany	108	90	83.3%	93.3%	30,226
Frederick	505	353	69.9%	90.1%	629
Garrett	15	14	93.3%	100.0%	--
Washington	381	284	74.5%	90.8%	1,260
<b>Total</b>	<b>1,009</b>	<b>741</b>	<b>73.4%</b>	<b>91.0%</b>	<b>1,020</b>

## Section V – By Age

**Table 6 – HIV Diagnoses during 2022, Linked to Care, Viral Suppression, Late Diagnosis, and First CD4 Test Result by Age at HIV Diagnosis, Reported through June 30, 2023**

Age at HIV Diagnosis	Population	HIV Diagnoses						First CD4 Test Result	
		No.	% of Total	Rate	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	% with Test	Median Count
<5 (Pediatric)	29,648	0	0.0%	0.0	--	--	--	--	--
5-12 (Pediatric)	52,262	0	0.0%	0.0	--	--	--	--	--
13-19	47,178	1	5.0%	2.1	***	***	***	***	***
20-29	66,100	10	50.0%	15.1	100.0%	***	***	90.0%	340
30-39	72,761	6	30.0%	8.2	***	***	***	100.0%	384
40-49	68,027	3	15.0%	4.4	***	***	***	***	***
50-59	73,100	0	0.0%	0.0	--	--	--	--	--
60-69	64,938	0	0.0%	0.0	--	--	--	--	--
70+	64,501	0	0.0%	0.0	--	--	--	--	--
<b>Total</b>	<b>538,515</b>	<b>20</b>	<b>100.0%</b>	<b>3.7</b>	<b>85.0%</b>	<b>35.0%</b>	<b>20.0%</b>	<b>95.0%</b>	<b>328</b>
<b>Alternate Age Categories</b>									
13-24	81,335	5	25.0%	6.1	100.0%	***	0.0%	***	***
25-34	67,372	10	50.0%	14.8	80.0%	***	***	100.0%	498
35-44	73,147	4	20.0%	5.5	***	***	***	***	***
45-54	68,478	1	5.0%	1.5	***	***	***	***	***
55-64	72,256	0	0.0%	0.0	--	--	--	--	--
65+	94,017	0	0.0%	0.0	--	--	--	--	--
<b>Total</b>	<b>456,605</b>	<b>20</b>	<b>100.0%</b>	<b>4.4</b>	<b>85.0%</b>	<b>35.0%</b>	<b>20.0%</b>	<b>95.0%</b>	<b>328</b>

\*\*\* Data withheld due to low population counts and/or small numbers.



**Table 7 – People Living with Diagnosed HIV, Alive on December 31, 2022, by Age on December 31, 2022, Reported through June 30, 2023**

Age on December 31, 2022	Population	Total People Living with Diagnosed HIV			
		No.	% of Total	Rate	Ratio (1 in X)
<5 (Pediatric)	29,648	0	0.0%	0.0	--
5-12 (Pediatric)	52,262	1	0.1%	1.9	52,262
13-19	47,178	8	0.8%	17.0	5,897
20-29	66,100	58	5.7%	87.7	1,140
30-39	72,761	193	19.1%	265.3	377
40-49	68,027	203	20.1%	298.4	335
50-59	73,100	283	28.0%	387.1	258
60-69	64,938	209	20.7%	321.8	311
70+	64,501	55	5.4%	85.3	1,173
<b>Total</b>	<b>538,515</b>	<b>1,010</b>	<b>100.0%</b>	<b>187.6</b>	<b>533</b>

**Alternate Age Categories**

13-24	81,335	24	2.4%	29.5	3,389
25-34	67,372	138	13.7%	204.8	488
35-44	73,147	191	18.9%	261.1	383
45-54	68,478	229	22.7%	334.4	299
55-64	72,256	292	28.9%	404.1	247
65+	94,017	135	13.4%	143.6	696
<b>Total</b>	<b>456,605</b>	<b>1,009</b>	<b>100.0%</b>	<b>221.0</b>	<b>453</b>

**Table 8 – CD4 Test Results during 2022 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2022, by Age on December 31, 2022, Reported through June 30, 2023**

Age on December 31, 2022	Total People Aged 13+ Living with Diagnosed HIV							
	No.	Recent CD4 Test Results						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
13-19	8	6	75.0%	544	0.0%	0.0%	16.7%	83.3%
20-29	58	46	79.3%	658	2.2%	15.2%	8.7%	73.9%
30-39	193	140	72.5%	744	6.4%	3.6%	12.9%	77.1%
40-49	203	136	67.0%	716	2.2%	6.6%	14.7%	76.5%
50-59	283	218	77.0%	726	5.0%	5.5%	14.7%	74.8%
60-69	209	163	78.0%	639	7.4%	10.4%	15.3%	66.9%
70+	55	45	81.8%	588	6.7%	20.0%	17.8%	55.6%
<b>Total</b>	<b>1,009</b>	<b>754</b>	<b>74.7%</b>	<b>690</b>	<b>5.2%</b>	<b>7.8%</b>	<b>14.3%</b>	<b>72.7%</b>

**Alternate Age Categories**

13-24	24	19	79.2%	535	0.0%	15.8%	21.1%	63.2%
25-34	138	103	74.6%	722	3.9%	6.8%	8.7%	80.6%
35-44	191	135	70.7%	734	4.4%	4.4%	15.6%	75.6%
45-54	229	167	72.9%	736	6.0%	5.4%	12.6%	76.0%
55-64	292	220	75.3%	680	4.5%	8.2%	16.4%	70.9%
65+	135	110	81.5%	595	8.2%	14.5%	15.5%	61.8%
<b>Total</b>	<b>1,009</b>	<b>754</b>	<b>74.7%</b>	<b>690</b>	<b>5.2%</b>	<b>7.8%</b>	<b>14.3%</b>	<b>72.7%</b>

**Table 9 – Viral Load Test Results during 2022 for People Living with Diagnosed HIV, Alive on December 31, 2022, by Age on December 31, 2022, Reported through June 30, 2023**

Age on December 31, 2022	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
13-19	8	7	87.5%	85.7%	500
20-29	58	47	81.0%	85.1%	31,700
30-39	193	143	74.1%	86.7%	1,290
40-49	203	126	62.1%	88.9%	607
50-59	283	217	76.7%	92.2%	2,979
60-69	209	158	75.6%	94.9%	605
70+	55	43	78.2%	97.7%	353
<b>Total</b>	<b>1,009</b>	<b>741</b>	<b>73.4%</b>	<b>91.0%</b>	<b>1,020</b>
<b>Alternate Age Categories</b>					
13-24	24	21	87.5%	76.2%	3,910
25-34	138	105	76.1%	90.5%	21,250
35-44	191	130	68.1%	86.2%	429
45-54	229	161	70.3%	90.1%	6,525
55-64	292	217	74.3%	93.5%	809
65+	135	107	79.3%	96.3%	17,927
<b>Total</b>	<b>1,009</b>	<b>741</b>	<b>73.4%</b>	<b>91.0%</b>	<b>1,020</b>

## Section VI – By Demographics

**Table 10 – HIV Diagnoses, among People Aged 13+ during 2022, Linked to Care, Viral Suppression, Late Diagnosis, and First CD4 Test Result by Assigned Sex at Birth, Gender Identity, Race/Ethnicity, and Country of Birth, Reported through June 30, 2023**

Demographic Characteristics	Population Aged 13+	HIV Diagnoses among People Aged 13+							First CD4 Test Result	
		No.	% of Total	Rate	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	% with Test	Median Count	
<b>Assigned Sex at Birth</b>										
Female	227,028	6	30.0%	2.6	83.3%	***	***	83.3%	650	
Male	229,577	14	70.0%	6.1	85.7%	***	***	100.0%	297	
<b>Gender Identity</b>										
Cisgender Man or Boy	229,577	13	65.0%	5.7	84.6%	38.5%	***	100.0%	265	
Cisgender Woman or Girl	227,028	5	25.0%	2.2	***	***	0.0%	***	***	
Transgender Man or Boy	--	1	5.0%	0	***	***	***	***	***	
Transgender Woman or Girl	--	1	5.0%	0	***	***	***	***	***	
Another Gender Identity	--	0	0.0%	0	--	--	--	--	--	
<b>Race/Ethnicity</b>										
<b>Hispanic</b>	35,635	4	20.0%	11.2	***	***	***	***	***	
<b>Non-Hispanic</b>	420,970	16	80.0%	3.8	87.5%	31.3%	***	93.8%	335	
American Indian/Alaska Native, only	921	0	0.0%	0	--	--	--	--	--	
Asian, only	17,860	1	5.0%	5.6	***	***	***	***	***	
Black, only	47,789	5	25.0%	10.5	100.0%	***	0.0%	100.0%	335	
Native Hawaiian/Other Pacific Islander, only	261	0	0.0%	0	--	--	--	--	--	
White, only	344,596	10	50.0%	2.9	***	***	***	***	***	
Multiracial/Another Race	9,543	0	0.0%	0	--	--	--	--	--	
<b>Total</b>	456,605	20	100.0%	4.4	85.0%	35.0%	20.0%	95.0%	328	
<b>Country of Birth</b>										
<b>United States</b>	392,167	17	85.0%	4.3	82.4%	29.4%	***	94.1%	307	
<b>Foreign-Born</b>	35,968	3	15.0%	8.3	***	***	***	***	***	
Africa	--	0	0.0%	--	--	--	--	--	--	
Asia	--	0	0.0%	--	--	--	--	--	--	
Caribbean	--	0	0.0%	--	--	--	--	--	--	
Central America	--	3	15.0%	--	***	***	***	***	***	
Other	--	0	0.0%	--	--	--	--	--	--	
<b>Unknown</b>	--	0	0.0%	--	--	--	--	--	--	
<b>Total</b>	428,135	20	100.0%	4.7	85.0%	35.0%	20.0%	95.0%	328	

Note. Population data by assigned sex at birth, age, and race/ethnicity are from the 2022 United States Census population estimates. Population data by gender are unavailable. Population data by country of birth are from the 2021 American Community Survey.

\*\*\* Data withheld due to low population counts and/or small numbers.

**Table 11 – HIV Diagnoses, among People Aged 13+ during 2022 by Assigned Sex at Birth and Race/Ethnicity, Reported through June 30, 2023**

HIV Diagnoses among People Aged 13+								
Race/Ethnicity	Assigned Sex at Birth							
	Female				Male			
	Population 13+	No.	% of Total	Rate	Population 13+	No.	% of Total	Rate
<b>Hispanic</b>	17,085	1	16.7%	5.9	18,550	3	21.4%	16.2
<b>Non-Hispanic</b>	209,943	5	83.3%	2.4	211,027	11	78.6%	5.2
American Indian/Alaska Native, only	461	0	0.0%	0.0	460	0	0.0%	0.0
Asian, only	9,346	0	0.0%	0.0	8,514	1	7.1%	11.7
Black, only	20,108	0	0.0%	0.0	27,681	5	35.7%	18.1
Native Hawaiian/Other Pacific Islander, only	136	0	0.0%	0.0	124	0	0.0%	0.0
White, only	175,045	5	83.3%	2.9	169,551	5	35.7%	2.9
Multiracial/Another Race	4,848	0	0.0%	0.0	4,696	0	0.0%	0.0
<b>Total</b>	<b>227,028</b>	<b>6</b>	<b>100.0%</b>	<b>2.6</b>	<b>229,577</b>	<b>14</b>	<b>100.0%</b>	<b>6.1</b>

Note. Population data by assigned sex at birth, age, and race/ethnicity are from the 2022 United State Census population estimates.

**Table 12 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2022, by Assigned Sex at Birth, Gender Identity, Race/Ethnicity, and Country of Birth, Reported through June 30, 2023**

Demographic Characteristics	Population Aged 13+	Total People Aged 13+ Living with Diagnosed HIV			
		No.	% of Total	Rate	Ratio (1 in X)
<b>Assigned Sex at Birth</b>					
Female	227,028	329	32.6%	144.9	690
Male	229,577	680	67.4%	296.2	338
<b>Gender Identity</b>					
Cisgender Man or Boy	229,577	674	66.8%	293.6	341
Cisgender Woman or Girl	227,028	328	32.5%	144.5	692
Transgender Man or Boy	--	1	0.1%	--	--
Transgender Woman or Girl	--	6	0.6%	--	--
Another Gender Identity	--	0	0.0%	--	--
<b>Race/Ethnicity</b>					
<b>Hispanic</b>	35,635	113	11.2%	317.1	315
<b>Non-Hispanic</b>	420,970	896	88.8%	212.8	470
American Indian/Alaska Native, only	921	0	0.0%	0.0	--
Asian, only	17,860	12	1.2%	67.2	1,488
Black, only	47,789	387	38.4%	809.8	123
Native Hawaiian/Other Pacific Islander, only	261	0	0.0%	0.0	--
White, only	344,596	424	42.0%	123.0	813
Multiracial/Another Race	9,543	73	7.2%	764.9	131
<b>Total</b>	456,605	1,009	100.0%	221.0	453
<b>Country of Birth</b>					
<b>United States</b>	392,167	795	78.8%	202.7	493
<b>Foreign-Born</b>	35,968	172	17.0%	478.2	209
Africa	--	103	10.2%	--	--
Asia	--	9	0.9%	--	--
Caribbean	--	8	0.8%	--	--
Central America	--	33	3.3%	--	--
Other	--	19	1.9%	--	--
<b>Unknown</b>	--	42	4.2%	--	--
<b>Total</b>	428,135	1,009	100.0%	235.7	424

Note. Population data by assigned sex at birth, age, and race/ethnicity are from the 2022 United States Census population estimates. Population data by gender are unavailable. Population data by country of birth are from the 2021 American Community Survey.

**Table 13 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2022, by Assigned Sex at Birth and Race/Ethnicity, Reported through June 30, 2023**

Total People Aged 13+ Living with Diagnosed HIV								
Race/Ethnicity	Assigned Sex at Birth							
	Female				Male			
	Population 13+	No.	% of Total	Rate	Population 13+	No.	% of Total	Rate
<b>Hispanic</b>	17,085	23	7.0%	134.6	18,550	90	13.2%	485.2
<b>Non-Hispanic</b>	209,943	306	93.0%	145.8	211,027	590	86.8%	279.6
American Indian/Alaska Native, only	461	0	0.0%	0.0	460	0	0.0%	0.0
Asian, only	9,346	2	0.6%	21.4	8,514	10	1.5%	117.5
Black, only	20,108	187	56.8%	930.0	27,681	200	29.4%	722.5
Native Hawaiian/Other Pacific Islander, only	136	0	0.0%	0.0	124	0	0.0%	0.0
White, only	175,045	88	26.7%	50.3	169,551	336	49.4%	198.2
Multiracial/Another Race	4,848	29	8.8%	598.2	4,696	44	6.5%	937
<b>Total</b>	<b>227,028</b>	<b>329</b>	<b>100.0%</b>	<b>144.9</b>	<b>229,577</b>	<b>680</b>	<b>100.0%</b>	<b>296.2</b>

Note. Population data by assigned sex at birth, age, and race/ethnicity are from the 2022 United States Census population estimates.

**Table 14 – CD4 Test Results during 2022 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2022, by Assigned Sex at Birth, Gender Identity, Race/Ethnicity, and Country of Birth, Reported through June 30, 2023**

Demographic Characteristics	Total People Aged 13+ Living with Diagnosed HIV							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
<b>Assigned Sex at Birth</b>								
Female	329	246	74.8%	740	5.7%	6.1%	10.2%	78.0%
Male	680	508	74.7%	657	4.9%	8.7%	16.3%	70.1%
<b>Gender Identity</b>								
Cisgender Man or Boy	674	505	74.9%	657	5.0%	8.5%	16.4%	70.1%
Cisgender Woman or Girl	328	245	74.7%	740	5.7%	6.1%	9.8%	78.4%
Transgender Man or Boy	1	***	***	***	***	***	***	***
Transgender Woman or Girl	6	***	***	***	***	***	***	***
Another Gender Identity	0	--	--	--	--	--	--	--
<b>Race/Ethnicity</b>								
<b>Hispanic</b>	113	85	75.2%	738	7.1%	10.6%	9.4%	72.9%
<b>Non-Hispanic</b>	896	669	74.7%	681	4.9%	7.5%	14.9%	72.6%
American Indian/Alaska Native, only	0	--	--	--	--	--	--	--
Asian, only	12	9	75.0%	834	0.0%	0.0%	11.1%	88.9%
Black, only	387	279	72.1%	634	4.7%	7.9%	15.8%	71.7%
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--	--	--	--
White, only	424	314	74.1%	710	5.7%	6.1%	14.3%	73.9%
Multiracial/Another Race	73	67	91.8%	724	3.0%	13.4%	14.9%	68.7%
<b>Country of Birth</b>								
<b>United States</b>	795	604	76.0%	696	5.0%	7.8%	14.9%	72.4%
<b>Foreign-Born</b>	172	122	70.9%	656	7.4%	9.0%	10.7%	73.0%
Africa	103	77	74.8%	616	7.8%	6.5%	9.1%	76.6%
Asia	9	8	88.9%	561	0.0%	25.0%	25.0%	50.0%
Caribbean	8	6	75.0%	748	0.0%	0.0%	33.3%	66.7%
Central America	33	20	60.6%	725	10.0%	15.0%	10.0%	65.0%
Other	19	11	57.9%	815	9.1%	9.1%	0.0%	81.8%
<b>Unknown</b>	42	28	66.7%	794	0.0%	3.6%	17.9%	78.6%
<b>Total</b>	1,009	754	74.7%	690	5.2%	7.8%	14.3%	72.7%

\*\*\* Data withheld due to low population counts and/or small numbers.

**Table 15 – Viral Load Test Results during 2022 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2022, by Assigned Sex at Birth, Gender Identity, Race/Ethnicity, and Country of Birth, Reported through June 30, 2023**

Demographic Characteristics	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
<b>Assigned Sex at Birth</b>					
Female	329	237	72.0%	87.3%	953
Male	680	504	74.1%	92.7%	1,150
<b>Gender Identity</b>					
Cisgender Man or Boy	674	500	74.2%	92.8%	1,085
Cisgender Woman or Girl	328	236	72.0%	87.7%	996
Transgender Man or Boy	1	***	***	***	***
Transgender Woman or Girl	6	***	***	***	***
Another Gender Identity	0	--	--	--	--
<b>Race/Ethnicity</b>					
<b>Hispanic</b>	113	82	72.6%	86.6%	594
<b>Non-Hispanic</b>	896	659	73.5%	91.5%	1,069
American Indian/Alaska Native, only	0	--	--	--	--
Asian, only	12	9	75.0%	100.0%	--
Black, only	387	269	69.5%	89.6%	848
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--
White, only	424	316	74.5%	93.0%	1,134
Multiracial/Another Race	73	65	89.0%	90.8%	30,226
<b>Country of Birth</b>					
<b>United States</b>	795	599	75.3%	91.7%	1,555
<b>Foreign-Born</b>	172	117	68.0%	86.3%	520
Africa	103	74	71.8%	86.5%	666
Asia	9	6	66.7%	100.0%	--
Caribbean	8	6	75.0%	100.0%	--
Central America	33	20	60.6%	80.0%	429
Other	19	11	57.9%	81.8%	455
<b>Unknown</b>	42	25	59.5%	96.0%	397
<b>Total</b>	1,009	741	73.4%	91.0%	1,020

\*\*\* Data withheld due to low population counts and/or small numbers.



**Table 16 – Females Living with Diagnosed HIV by Age on December 31, 2022, and Race/Ethnicity, Alive on December 31, 2022, and Reported through June 30, 2023**

Age on December 31, 2022		Total Females Living with Diagnosed HIV				Total Females by Age Group
		Race/Ethnicity				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race	
<13 (Pediatric)	Population	5,801	4,754	25,070	4,627	40,252
	Number	0	1	0	0	1
	Rate	0.0	21.0	0.0	0.0	2.5
	Ratio (1 in X)	--	4,754	--	--	40,252
13-19	Population	2,960	2,772	14,802	2,480	23,014
	Number	0	4	1	0	5
	Rate	0.0	144.3	6.8	0.0	21.7
	Ratio (1 in X)	--	693	14,802	--	4,603
20-29	Population	3,224	3,521	21,851	2,475	31,071
	Number	0	6	1	2	9
	Rate	0.0	170.4	4.6	80.8	29.0
	Ratio (1 in X)	--	587	21,851	1,238	3,452
30-39	Population	3,506	3,701	24,584	2,949	34,740
	Number	6	30	19	5	60
	Rate	171.1	810.6	77.3	169.5	172.7
	Ratio (1 in X)	584	123	1,294	590	579
40-49	Population	3,267	3,456	23,070	2,689	32,482
	Number	7	51	24	6	88
	Rate	214.3	1,475.7	104.0	223.1	270.9
	Ratio (1 in X)	467	68	961	448	369
50-59	Population	2,139	3,072	29,025	1,810	36,046
	Number	6	64	25	10	105
	Rate	280.5	2,083.3	86.1	552.5	291.3
	Ratio (1 in X)	357	48	1,161	181	343
60-69	Population	1,163	2,053	28,539	1,334	33,089
	Number	***	20	16	***	45
	Rate	***	974.2	56.1	***	136.0
	Ratio (1 in X)	***	103	1,784	***	735
70+	Population	826	1,533	33,174	1,053	36,586
	Number	***	12	2	***	17
	Rate	***	782.8	6.0	***	46.5
	Ratio (1 in X)	***	128	16,587	***	2,152
Total Females by Race/Ethnicity	Population	22,886	24,862	200,115	19,417	267,280
	Number	23	184	87	31	325
	Rate	100.5	740.1	43.5	159.7	121.6
	Ratio (1 in X)	995	135	2,300	626	822

\*\*\* Data withheld due to low population counts and/or small numbers.

**Table 17 – Females Aged 13+ Living with Diagnosed HIV by Alternate Age Categories by Age on December 31, 2022, and Race/Ethnicity, Alive on December 31, 2022, and Reported through June 30, 2023**

Age on December 31, 2022		Total Females Living with Diagnosed HIV				Total Females by Age Group
		Race/Ethnicity				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race	
13-24	Population	4,715	4,602	26,024	3,834	39,175
	Number	0	7	2	1	10
	Rate	0.0	152.1	7.7	26.1	25.5
	Ratio (1 in X)	--	657	13,012	3,834	3,918
25-34	Population	3,129	3,483	22,630	2,550	31,792
	Number	2	16	7	4	29
	Rate	63.9	459.4	30.9	156.9	91.2
	Ratio (1 in X)	1,565	218	3,233	638	1,096
35-44	Population	3,612	3,710	24,540	2,971	34,833
	Number	7	45	18	4	74
	Rate	193.8	1,212.9	73.3	134.6	212.4
	Ratio (1 in X)	516	82	1,363	743	471
45-54	Population	2,665	3,262	25,072	2,232	33,231
	Number	5	49	29	6	89
	Rate	187.6	1,502.1	115.7	268.8	267.8
	Ratio (1 in X)	533	67	865	372	373
55-64	Population	1,674	2,653	30,271	1,586	36,184
	Number	7	53	23	12	95
	Rate	418.2	1,997.7	76.0	756.6	262.5
	Ratio (1 in X)	239	50	1,316	132	381
65+	Population	1,290	2,398	46,508	1,617	51,813
	Number	2	17	9	4	32
	Rate	155.0	708.9	19.4	247.4	61.8
	Ratio (1 in X)	645	141	5,168	404	1,619
Total Females by Race/Ethnicity	Population	17,085	20,108	175,045	14,790	227,028
	Number	23	187	88	31	329
	Rate	134.6	930.0	50.3	209.6	144.9
	Ratio (1 in X)	743	108	1,989	477	690

**Table 18 – Males Living with Diagnosed HIV by Age on December 31, 2022, and Race/Ethnicity, Alive on December 31, 2022, and Reported through June 30, 2023**

Age on December 31, 2022		Total Males Living with Diagnosed HIV				Total Males by Age Group
		Race/Ethnicity				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race	
<13 (Pediatric)	Population	5,859	4,726	26,200	4,874	41,658
	Number	0	0	0	0	0
	Rate	0.0	0.0	0.0	0.0	0.0
	Ratio (1 in X)	--	--	--	--	--
13-19	Population	3,012	2,937	15,763	2,451	24,164
	Number	1	2	0	0	3
	Rate	33.2	68.1	0.0	0.0	12.4
	Ratio (1 in X)	3,012	1,469	--	--	8,055
20-29	Population	3,333	5,793	23,343	2,560	35,029
	Number	12	18	15	4	49
	Rate	360.0	310.7	64.3	156.3	139.9
	Ratio (1 in X)	278	322	1,556	640	715
30-39	Population	4,217	6,019	25,183	2,602	38,021
	Number	30	38	58	7	133
	Rate	711.4	631.3	230.3	269.0	349.8
	Ratio (1 in X)	141	158	434	372	286
40-49	Population	4,015	5,439	23,640	2,451	35,545
	Number	15	33	56	11	115
	Rate	373.6	606.7	236.9	448.8	323.5
	Ratio (1 in X)	268	165	422	223	309
50-59	Population	2,310	4,206	28,823	1,715	37,054
	Number	18	54	93	13	178
	Rate	779.2	1,283.9	322.7	758.0	480.4
	Ratio (1 in X)	128	78	310	132	208
60-69	Population	1,047	2,233	27,451	1,118	31,849
	Number	***	48	88	***	164
	Rate	***	2,149.6	320.6	***	514.9
	Ratio (1 in X)	***	47	312	***	194
70+	Population	616	1,054	25,348	897	27,915
	Number	***	7	26	***	38
	Rate	***	664.1	102.6	***	136.1
	Ratio (1 in X)	***	151	975	***	735
Total Males by Race/Ethnicity	Population	24,409	32,407	195,751	18,668	271,235
	Number	89	198	336	54	677
	Rate	364.6	611.0	171.6	289.3	249.6
	Ratio (1 in X)	274	164	583	346	401

\*\*\* Data withheld due to low population counts and/or small numbers.

**Table 19 – Males Aged 13+ Living with Diagnosed HIV by Alternate Age Categories by Age on December 31, 2022, and Race/Ethnicity, Alive on December 31, 2022, and Reported through June 30, 2023**

Age on December 31, 2022		Total Males Living with Diagnosed HIV				Total Males by Age Group
		Race/Ethnicity				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race	
13-24	Population	4,704	5,825	27,747	3,883	42,160
	Number	3	7	1	3	14
	Rate	63.8	120.2	3.6	77.3	33.2
	Ratio (1 in X)	1,568	832	27,747	1,294	3,011
25-34	Population	3,552	5,963	23,704	2,361	35,580
	Number	26	34	43	6	109
	Rate	732.0	570.2	181.4	254.1	306.4
	Ratio (1 in X)	137	175	551	394	326
35-44	Population	4,563	5,941	25,122	2,688	38,314
	Number	21	31	59	6	117
	Rate	460.2	521.8	234.9	223.2	305.4
	Ratio (1 in X)	217	192	426	448	327
45-54	Population	3,068	4,794	25,272	2,113	35,247
	Number	16	43	64	17	140
	Rate	521.5	897.0	253.2	804.5	397.2
	Ratio (1 in X)	192	111	395	124	252
55-64	Population	1,653	3,255	29,853	1,311	36,072
	Number	19	67	101	10	197
	Rate	1,149.4	2,058.4	338.3	762.8	546.1
	Ratio (1 in X)	87	49	296	131	183
65+	Population	1,010	1,903	37,853	1,438	42,204
	Number	5	18	68	12	103
	Rate	495.0	945.9	179.6	834.5	244.1
	Ratio (1 in X)	202	106	557	120	410
Total Males by Race/Ethnicity	Population	18,550	27,681	169,551	13,794	229,577
	Number	90	200	336	54	680
	Rate	485.2	722.5	198.2	391.5	296.2
	Ratio (1 in X)	206	138	505	255	338

## Section VII – By HIV Exposure Category

**Table 20 – HIV Diagnoses, among People Aged 13+ during 2022, Linked to Care, Viral Suppression, Late Diagnosis, and First CD4 Test Result, by Estimated or Reported Exposure Category and Assigned Sex at Birth, Reported through June 30, 2023**

Estimated or Reported Exposure Category	HIV Diagnoses among People Aged 13+						First CD4 Test Result	
	No.	% of Total	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	% with Test	Median Count	
Male-to-male Sexual Contact (MMSC)	10	50.0%	100.0%	***	***	100.0%	293	
Injection Drug Use (IDU)	4	18.0%	***	***	***	***	***	
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	2	10.0%	***	***	***	***	***	
Heterosexual Contact (HET)	4	22.0%	***	***	***	***	***	
Perinatal Transmission	0	0.0%	--	--	--	--	--	
Other Exposure	0	0.0%	--	--	--	--	--	
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--	
<b>Total</b>	<b>20</b>	<b>100.0%</b>	<b>85.0%</b>	<b>77.8%</b>	<b>20.0%</b>	<b>95.0%</b>	<b>328</b>	
<b>Female Estimated or Reported Exposure Category</b>								
Injection Drug Use (IDU)	3	43.3%	***	***	***	***	***	
Heterosexual Contact (HET)	3	56.7%	***	***	***	***	***	
Perinatal Transmission	0	0.0%	--	--	--	--	--	
Other Exposure	0	0.0%	--	--	--	--	--	
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--	
<b>Total</b>	<b>6</b>	<b>100.0%</b>	<b>83.3%</b>	<b>100.0%</b>	<b>16.7%</b>	<b>83.3%</b>	<b>650</b>	
<b>Male Estimated or Reported Exposure Category</b>								
Male-to-male Sexual Contact (MMSC)	10	71.4%	100.0%	***	***	100.0%	293	
Injection Drug Use (IDU)	1	7.1%	***	***	***	***	***	
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	2	14.3%	***	***	***	***	***	
Heterosexual Contact (HET)	1	7.1%	***	***	***	***	***	
Perinatal Transmission	0	0.0%	--	--	--	--	--	
Other Exposure	0	0.0%	--	--	--	--	--	
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--	
<b>Total</b>	<b>14</b>	<b>100.0%</b>	<b>85.7%</b>	<b>71.4%</b>	<b>21.4%</b>	<b>100.0%</b>	<b>297</b>	

Note. Data for 2022 are preliminary because they are based on a 6-month reporting delay and should not be used to assess trends. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Exposure category estimates are rounded to whole numbers after percentages are calculated. This may be more noticeable in the precision of estimates calculated for small numbers of people. Median count is weighted based on statistical adjustment. Exposure category is based on sex at birth. For exposure category by gender identity, please see the Maryland HIV Epidemiological Profile Gender Diverse People Supplement.

\*\*\* Data withheld due to low population counts and/or small numbers.

**Table 21 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2022, by Estimated or Reported Exposure Category and Assigned Sex at Birth, Reported through June 30, 2023**

Estimated or Reported Exposure Category	Total People Aged 13+ Living with Diagnosed HIV	
	No.	% of Total
Male-to-male Sexual Contact (MMSC)	459	45.5%
Injection Drug Use (IDU)	119	11.8%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	52	5.2%
Heterosexual Contact (HET)	359	35.6%
Perinatal Transmission	14	1.4%
Other Exposure	2	0.2%
No Estimated or Reported Exposure	4	0.4%
<b>Total</b>	<b>1,009</b>	<b>100.0%</b>

Female Estimated or Reported Exposure Category		
Injection Drug Use (IDU)	56	17.1%
Heterosexual Contact (HET)	262	79.6%
Perinatal Transmission	7	2.1%
Other Exposure	1	0.3%
No Estimated or Reported Exposure	3	0.9%
<b>Total</b>	<b>329</b>	<b>100.0%</b>

Male Estimated or Reported Exposure Category		
Male-to-male Sexual Contact (MMSC)	459	67.5%
Injection Drug Use (IDU)	63	9.3%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	52	7.7%
Heterosexual Contact (HET)	97	14.3%
Perinatal Transmission	7	1.0%
Other Exposure	1	0.1%
No Estimated or Reported Exposure	1	0.1%
<b>Total</b>	<b>680</b>	<b>100.0%</b>

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Exposure category is based on sex at birth. For exposure category by gender identity, please see the Maryland HIV Epidemiological Profile Gender Diverse People Supplement.

**Table 22 – People Aged 13+ Living with Diagnosed HIV by Estimated or Reported Exposure Category, Race/Ethnicity, and Assigned Sex at Birth, Alive on December 31, 2022, and Reported through June 30, 2023**

Estimated or Reported Exposure Category	Total People Aged 13+ Living with Diagnosed HIV					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total	No.	% of Total	No.	% of Total
Male-to-male Sexual Contact (MMSC)	63	55.4%	102	26.4%	254	59.9%
Injection Drug Use (IDU)	8	7.1%	43	11.2%	59	13.8%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	4	3.7%	14	3.7%	30	7.0%
Heterosexual Contact (HET)	37	32.9%	214	55.4%	78	18.4%
Perinatal Transmission	1	0.9%	11	2.8%	1	0.2%
Other Exposure	0	0.0%	0	0.0%	1	0.2%
No Estimated or Reported Exposure	0	0.0%	2	0.5%	2	0.5%
<b>Total</b>	<b>113</b>	<b>100.0%</b>	<b>386</b>	<b>100.0%</b>	<b>425</b>	<b>100.0%</b>
<b>Female Estimated or Reported Exposure Category</b>						
Injection Drug Use (IDU)	2	6.5%	16	8.8%	31	35.6%
Heterosexual Contact (HET)	22	93.5%	164	87.5%	54	61.0%
Perinatal Transmission	0	0.0%	6	3.2%	1	1.1%
Other Exposure	0	0.0%	0	0.0%	0	0.0%
No Estimated or Reported Exposure	0	0.0%	1	0.5%	2	2.3%
<b>Total</b>	<b>24</b>	<b>100.0%</b>	<b>187</b>	<b>100.0%</b>	<b>88</b>	<b>100.0%</b>
<b>Male Estimated or Reported Exposure Category</b>						
Male-to-male Sexual Contact (MMSC)	63	69.6%	102	51.1%	254	75.6%
Injection Drug Use (IDU)	7	7.2%	27	13.5%	27	8.1%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	4	4.7%	14	7.1%	30	8.8%
Heterosexual Contact (HET)	16	17.4%	51	25.4%	24	7.2%
Perinatal Transmission	1	1.1%	5	2.5%	0	0.0%
Other Exposure	0	0.0%	0	0.0%	1	0.3%
No Estimated or Reported Exposure	0	0.0%	1	0.5%	0	0.0%
<b>Total</b>	<b>91</b>	<b>100.0%</b>	<b>200</b>	<b>100.0%</b>	<b>336</b>	<b>100.0%</b>

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Exposure category is based on sex at birth. For exposure category by gender identity, please see the Maryland HIV Epidemiological Profile Gender Diverse People Supplement.

**Table 23 – CD4 Test Results during 2022 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2022, by Estimated or Reported Exposure Category, Reported through June 30, 2023**

Estimated or Reported Exposure Category	Total People Aged 13+ with Living Diagnosed HIV							
	No.	Recent CD4 Test Results						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
Male-to-male Sexual Contact (MMS)	459	354	77.1%	698	4.0%	6.8%	14.6%	74.6%
Injection Drug Use (IDU)	119	90	75.4%	690	9.3%	7.1%	12.2%	71.5%
Male-to-male Sexual Contact and Injection Drug Use (MMS/IDU)	52	33	62.6%	677	3.1%	9.5%	22.9%	64.5%
Heterosexual Contact (HET)	359	264	73.4%	704	6.0%	8.9%	13.2%	71.9%
Perinatal Transmission	14	11	78.6%	535	0.0%	18.2%	18.2%	63.6%
Other Exposure	2	***	***	***	***	***	***	***
No Estimated or Reported Exposure	4	***	***	***	***	***	***	***
<b>Total</b>	<b>1,009</b>	<b>754</b>	<b>74.7%</b>	<b>690</b>	<b>5.2%</b>	<b>7.8%</b>	<b>14.3%</b>	<b>72.7%</b>

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Median count is weighted based on statistical adjustment.

\*\*\* Data withheld due to low population counts and/or small numbers.

**Table 24 – Viral Load Test Results during 2022 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2022, by Estimated or Reported Exposure Category, Reported through June 30, 2023**

Estimated or Reported Exposure Category	Total People Aged 13+ with Living Diagnosed HIV				
	No.	Recent Viral Load Test Results			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
Male-to-male Sexual Contact (MMS)	459	353	76.9%	94.4%	1,950
Injection Drug Use (IDU)	119	93	78.0%	83.0%	1,240
Male-to-male Sexual Contact and Injection Drug Use (MMS/IDU)	52	31	58.4%	90.2%	11,100
Heterosexual Contact (HET)	359	248	69.0%	89.0%	828
Perinatal Transmission	14	13	92.9%	92.3%	500
Other Exposure	2	***	***	***	***
No Estimated or Reported Exposure	4	***	***	***	***
<b>Total</b>	<b>1,009</b>	<b>741</b>	<b>73.4%</b>	<b>91.0%</b>	<b>1,020</b>

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Median unsuppressed is weighted based on statistical adjustment.

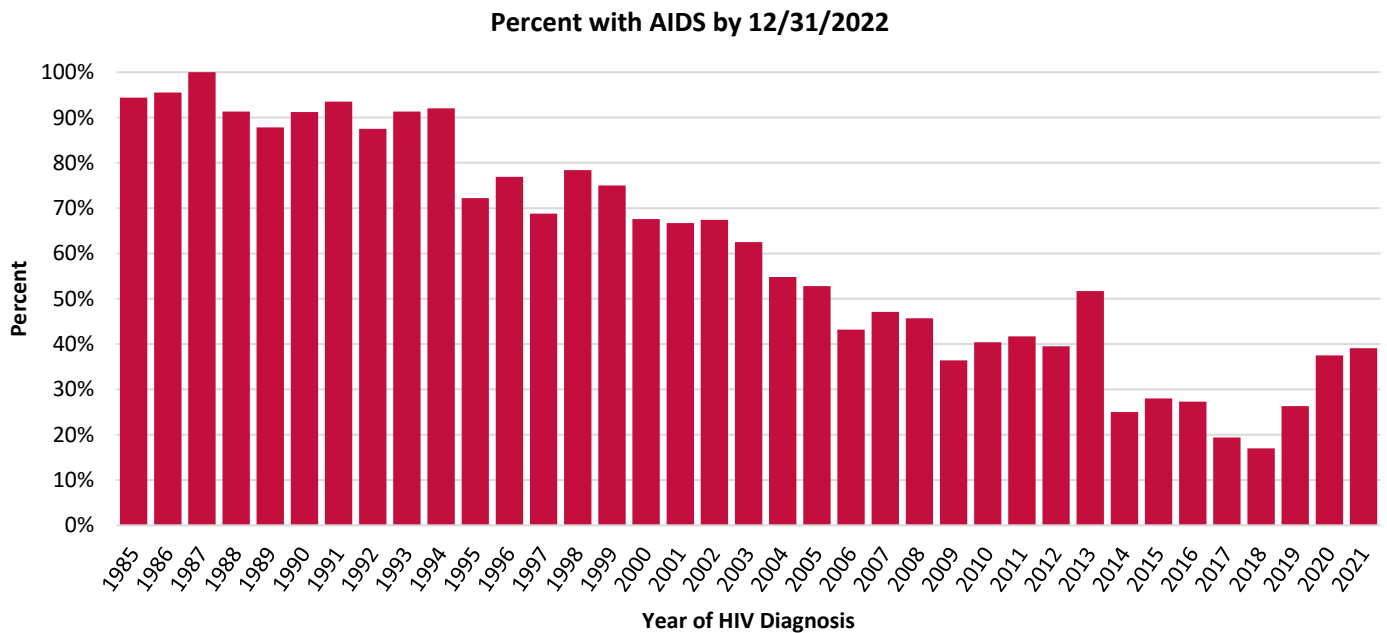
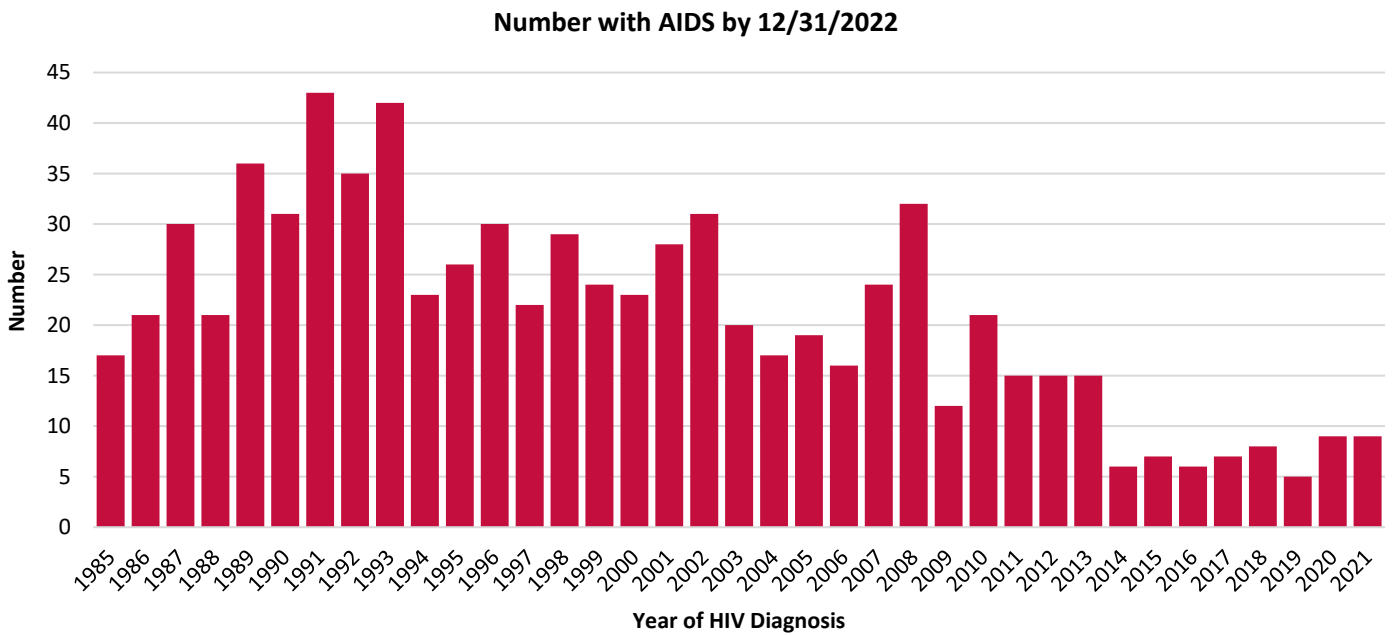
\*\*\* Data withheld due to low population counts and/or small numbers.



## Section VIII – Disease Progression and Mortality

**Figure 10 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2021, Reported through June 30, 2023**

Number of People Aged 13+ with Diagnosed HIV, Aged 13+ at HIV Diagnosis, (Reported HIV Diagnoses among People Aged 13+), Number of People Aged 13+ with Diagnosed HIV with an AIDS Diagnosis by December 31, 2022 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Reported HIV Diagnoses with a Reported AIDS Diagnosis among People Aged 13+ by December 31, 2022, the Average Years from HIV Diagnosis to AIDS Diagnosis for People with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported HIV Diagnoses with a Reported AIDS Diagnosis among People Aged 13+ at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2021, Reported through June 30, 2023



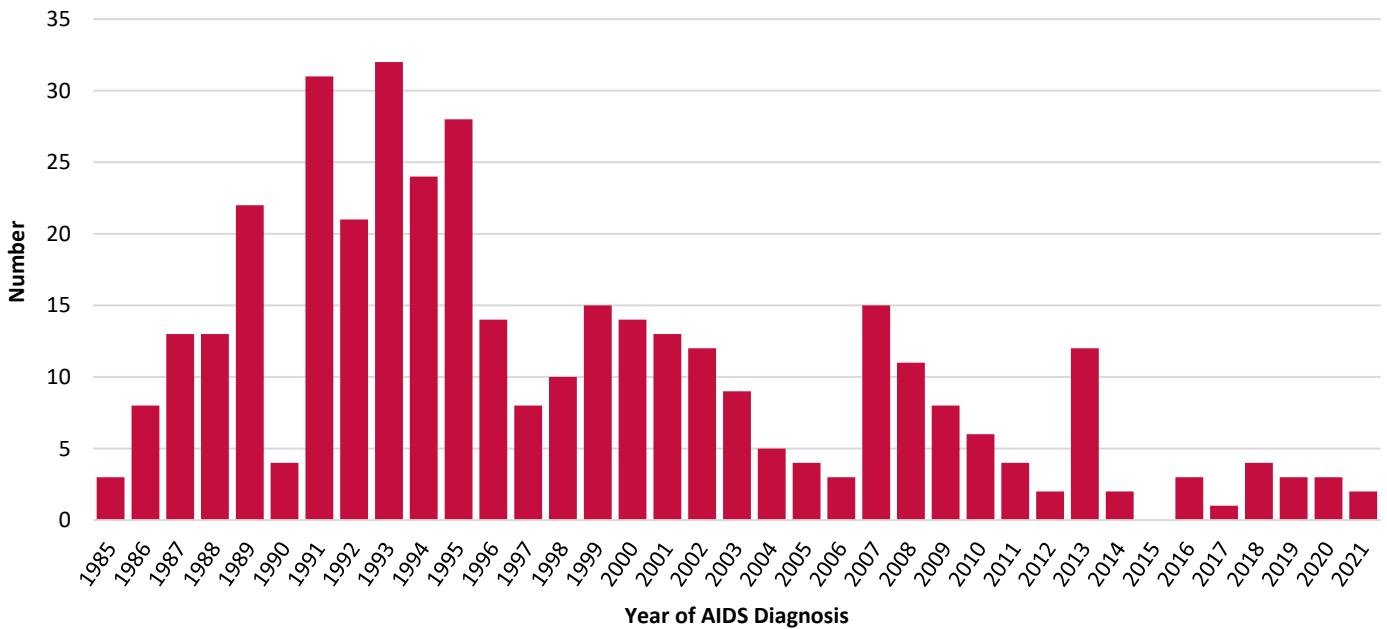
HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	No.	AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	11	11	100.0%	5.4	54.5%	54.5%	63.6%	72.7%
1985	18	17	94.4%	7.4	16.7%	22.2%	44.4%	66.7%
1986	22	21	95.5%	4.3	50.0%	54.5%	59.1%	81.8%
1987	30	30	100.0%	5.3	40.0%	43.3%	53.3%	83.3%
1988	23	21	91.3%	5.3	39.1%	47.8%	60.9%	65.2%
1989	41	36	87.8%	2.9	48.8%	53.7%	65.9%	80.5%
1990	34	31	91.2%	4.2	26.5%	38.2%	67.6%	79.4%
1991	46	43	93.5%	3.3	45.7%	52.2%	71.7%	82.6%
1992	40	35	87.5%	2.9	40.0%	55.0%	75.0%	80.0%
1993	46	42	91.3%	2.3	50.0%	65.2%	80.4%	84.8%
1994	25	23	92.0%	3.0	64.0%	72.0%	72.0%	84.0%
1995	36	26	72.2%	3.8	41.7%	44.4%	50.0%	66.7%
1996	39	30	76.9%	3.3	46.2%	48.7%	61.5%	69.2%
1997	32	22	68.8%	3.1	43.8%	46.9%	50.0%	62.5%
1998	37	29	78.4%	1.3	67.6%	70.3%	70.3%	73.0%
1999	32	24	75.0%	3.0	46.9%	46.9%	62.5%	65.6%
2000	34	23	67.6%	2.0	50.0%	50.0%	58.8%	61.8%
2001	42	28	66.7%	3.3	42.9%	45.2%	52.4%	59.5%
2002	46	31	67.4%	3.1	39.1%	39.1%	56.5%	60.9%
2003	32	20	62.5%	2.8	37.5%	43.8%	46.9%	59.4%
2004	31	17	54.8%	1.0	48.4%	48.4%	51.6%	54.8%
2005	36	19	52.8%	1.4	36.1%	44.4%	47.2%	50.0%
2006	37	16	43.2%	1.5	29.7%	32.4%	40.5%	40.5%
2007	51	24	47.1%	0.6	41.2%	41.2%	47.1%	47.1%
2008	70	32	45.7%	2.1	31.4%	32.9%	38.6%	42.9%
2009	33	12	36.4%	1.9	27.3%	27.3%	30.3%	33.3%
2010	52	21	40.4%	1.7	30.8%	32.7%	34.6%	36.5%
2011	36	15	41.7%	0.8	38.9%	38.9%	38.9%	41.7%
2012	38	15	39.5%	1.9	23.7%	28.9%	31.6%	39.5%
2013	29	15	51.7%	0.4	44.8%	44.8%	51.7%	--
2014	24	6	25.0%	1.3	16.7%	16.7%	20.8%	--
2015	25	7	28.0%	1.9	20.0%	20.0%	24.0%	--
2016	22	6	27.3%	0.7	18.2%	22.7%	27.3%	--
2017	36	7	19.4%	0.3	16.7%	16.7%	19.4%	--
2018	47	8	17.0%	0.1	17.0%	17.0%	--	--
2019	19	5	26.3%	0.8	21.1%	26.3%	--	--
2020	24	9	37.5%	0.1	37.5%	37.5%	--	--
2021	23	9	39.1%	0.2	39.1%	--	--	--
<b>Total</b>	<b>1,299</b>	<b>786</b>	<b>60.5%</b>	<b>2.7</b>	<b>37.7%</b>	<b>41.3%</b>	<b>49.0%</b>	<b>55.1%</b>

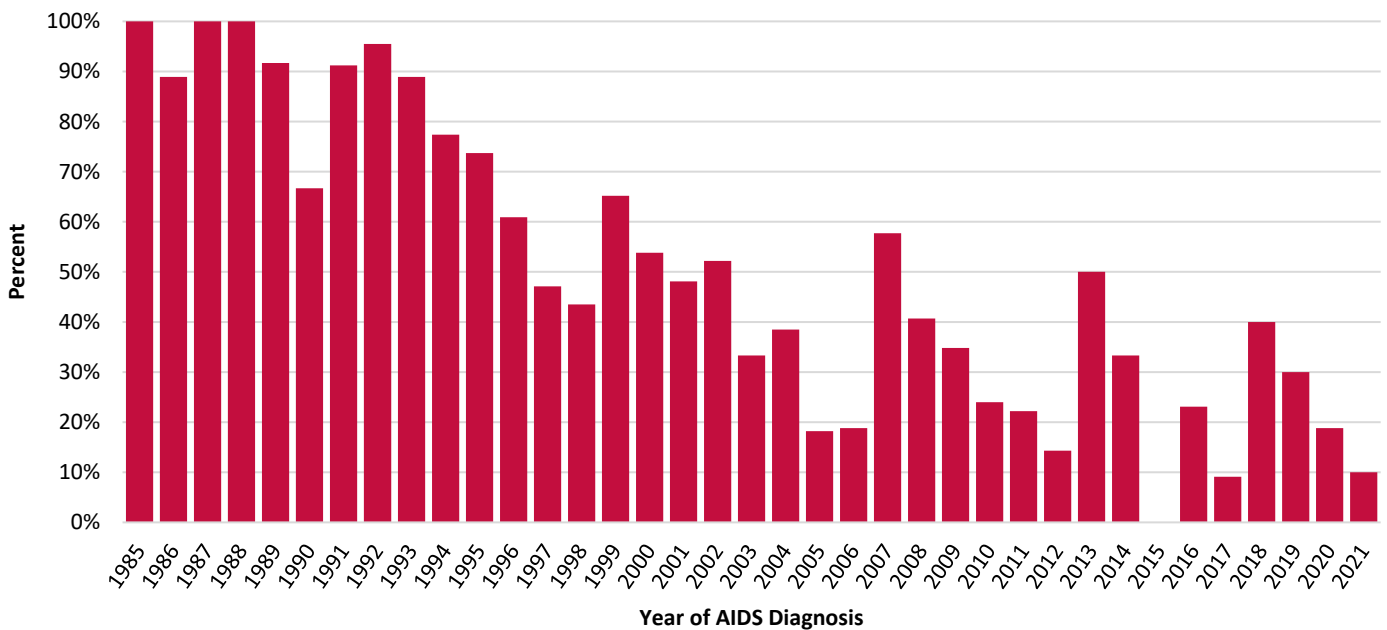
**Figure 11 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2021, Reported through June 30, 2023**

Number of People Aged 13+ with Diagnosed HIV, Aged 13+ at HIV Diagnosis, with an AIDS Diagnosis by December 31, 2021 (Reported AIDS Diagnoses), Number of Reported AIDS Diagnosis among People Aged 13+ Reported to Have Died of Any Cause by December 31, 2022 (Reported Deaths), Percent by Year of AIDS Diagnosis of Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) among People Aged 13+ by December 31, 2022, the Average Years from AIDS Diagnosis to Death for People that have Died, and the Percent by Year of AIDS Diagnosis of Reported AIDS Diagnoses among People Aged 13+ Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2021, Reported through June 30, 2023

**Number Deceased by 12/31/2022**



**Percent Deceased by 12/31/2022**



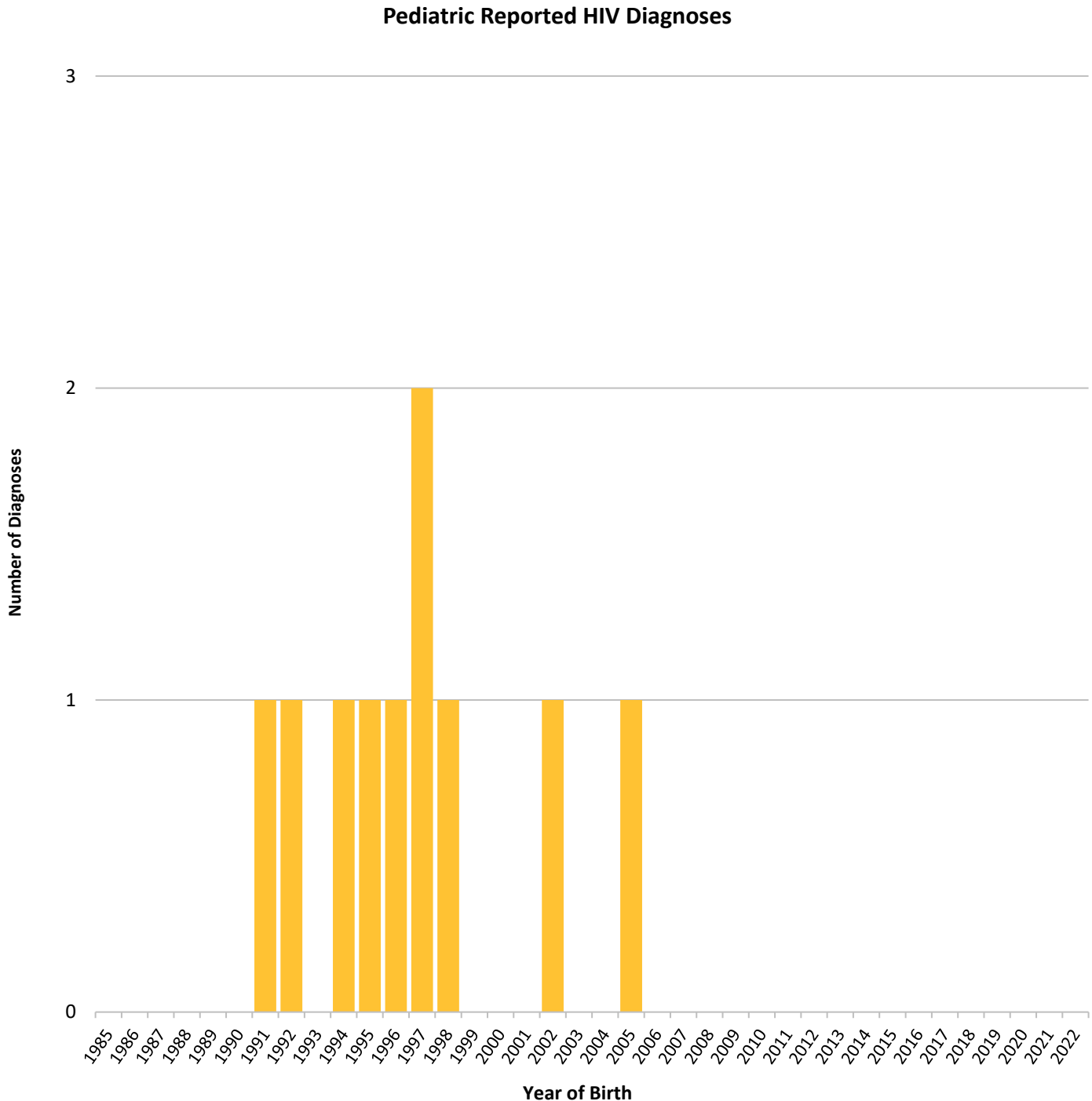
AIDS Diagnoses among People Aged 13+								
Year of AIDS Diagnosis	No.	Reported Deaths Among AIDS Diagnoses			Percent Alive by Years After AIDS Diagnosis			
		No.	% Deceased	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	6	6	100.0%	1.4	33.3%	16.7%	16.7%	0.0%
1985	3	3	100.0%	1.0	66.7%	0.0%	0.0%	0.0%
1986	9	8	88.9%	0.7	22.2%	11.1%	11.1%	11.1%
1987	13	13	100.0%	1.2	38.5%	23.1%	7.7%	0.0%
1988	13	13	100.0%	2.1	69.2%	23.1%	15.4%	0.0%
1989	24	22	91.7%	3.2	70.8%	45.8%	25.0%	12.5%
1990	6	4	66.7%	5.0	83.3%	66.7%	50.0%	50.0%
1991	34	31	91.2%	3.0	76.5%	52.9%	29.4%	17.6%
1992	22	21	95.5%	4.4	77.3%	63.6%	27.3%	22.7%
1993	36	32	88.9%	4.4	75.0%	58.3%	27.8%	22.2%
1994	31	24	77.4%	5.7	83.9%	51.6%	45.2%	38.7%
1995	38	28	73.7%	8.0	81.6%	76.3%	68.4%	52.6%
1996	23	14	60.9%	7.8	87.0%	87.0%	78.3%	56.5%
1997	17	8	47.1%	9.6	100.0%	94.1%	82.4%	70.6%
1998	23	10	43.5%	8.0	95.7%	95.7%	82.6%	65.2%
1999	23	15	65.2%	9.0	100.0%	91.3%	82.6%	52.2%
2000	26	14	53.8%	8.2	84.6%	84.6%	76.9%	73.1%
2001	27	13	48.1%	6.8	96.3%	92.6%	77.8%	63.0%
2002	23	12	52.2%	7.8	82.6%	82.6%	69.6%	65.2%
2003	27	9	33.3%	7.0	88.9%	88.9%	88.9%	74.1%
2004	13	5	38.5%	9.9	100.0%	100.0%	92.3%	84.6%
2005	22	4	18.2%	10.9	95.5%	95.5%	95.5%	95.5%
2006	16	3	18.8%	4.1	93.8%	93.8%	87.5%	81.3%
2007	26	15	57.7%	6.5	92.3%	92.3%	84.6%	50.0%
2008	27	11	40.7%	6.6	88.9%	88.9%	88.9%	70.4%
2009	23	8	34.8%	5.0	91.3%	91.3%	87.0%	69.6%
2010	25	6	24.0%	6.0	96.0%	92.0%	92.0%	84.0%
2011	18	4	22.2%	1.8	88.9%	88.9%	77.8%	77.8%
2012	14	2	14.3%	9.3	100.0%	100.0%	100.0%	85.7%
2013	24	12	50.0%	2.0	70.8%	62.5%	62.5%	--
2014	6	2	33.3%	0.2	66.7%	66.7%	66.7%	--
2015	4	0	0.0%	0.0	100.0%	100.0%	100.0%	--
2016	13	3	23.1%	3.5	92.3%	92.3%	84.6%	--
2017	11	1	9.1%	0.7	90.9%	90.9%	90.9%	--
2018	10	4	40.0%	0.7	70.0%	70.0%	--	--
2019	10	3	30.0%	1.0	80.0%	80.0%	--	--
2020	16	3	18.8%	1.7	93.8%	93.8%	--	--
2021*	20	2	10.0%	0.2	90.0%	--	--	--
<b>Total</b>	<b>722</b>	<b>388</b>	<b>53.7%</b>	<b>5.2</b>	<b>84.3%</b>	<b>76.7%</b>	<b>66.9%</b>	<b>56.1%</b>

\*2021 deaths among AIDS diagnoses are preliminary.

## Section IX – Pediatrics

Figure 12 – Trends in HIV Diagnoses among People Aged <13, 1985-2022, Reported through June 30, 2023

Number of Pediatric HIV Diagnoses, Age <13 at HIV Diagnosis, by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Children with Diagnosed HIV, Age <13 at HIV Diagnosis, and Not Reported to have Died as of December 31<sup>st</sup> of Each Year (Total Living Pediatric Diagnoses) from 1985 through 2022, as Reported by Name through June 30, 2023



Year	Number of Pediatric HIV Diagnoses				Total Pediatric Diagnoses Alive on December 31st of Each Year
	By Birth Year	By HIV Diagnosis Year	By AIDS Diagnosis Year	By Death Year	
<1985	3	0	0	0	--
1985	0	1	0	0	1
1986	0	1	0	0	2
1987	0	0	0	0	2
1988	0	1	0	0	3
1989	0	0	1	0	3
1990	0	0	0	0	3
1991	1	0	0	1	4
1992	1	1	1	0	5
1993	0	1	1	0	6
1994	1	0	1	2	4
1995	1	1	0	0	5
1996	1	1	1	1	5
1997	2	2	1	0	7
1998	1	0	0	0	7
1999	0	0	0	0	7
2000	0	0	0	0	7
2001	0	0	0	0	7
2002	1	0	0	0	7
2003	0	0	0	0	7
2004	0	0	0	0	7
2005	1	0	1	0	6
2006	0	0	0	0	6
2007	0	1	0	0	7
2008	0	2	0	0	9
2009	0	0	0	0	9
2010	0	0	0	0	9
2011	0	0	0	0	9
2012	0	0	0	1	9
2013	0	0	0	0	10
2014	0	0	0	1	9
2015	0	0	0	0	9
2016	0	0	0	0	9
2017	0	0	0	0	9
2018	0	1	0	0	10
2019	0	0	0	0	10
2020	0	0	0	0	10
2021	0	0	0	0	10
2022	0	0	0	0	10
<b>Total</b>	13	13	7	6	--

**Table 25 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2022, by Jurisdiction of Current Residence, Reported through June 30, 2023**

Jurisdiction of Current Residence	Total People Aged <13 Living with Diagnosed HIV	
	No.	% of Total
Allegany	1	100.0%
Frederick	0	0.0%
Garrett	0	0.0%
Washington	0	0.0%
<b>Total</b>	<b>1</b>	<b>100.0%</b>

**Table 26 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2022, by Assigned Sex at Birth and Race/Ethnicity, Reported through June 30, 2023**

Demographic Characteristic	Total People Aged <13 Living with Diagnosed HIV	
	No.	% of Total
<b>Assigned Sex at Birth</b>		
Female	1	100.0%
Male	0	0.0%
<b>Race/Ethnicity</b>		
<b>Hispanic</b>	0	0.0%
<b>Non-Hispanic</b>	1	100.0%
American Indian/Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	1	100.0%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	0	0.0%
Multiracial/Another Race	0	0.0%
<b>Total</b>	<b>1</b>	<b>100.0%</b>

## Glossary of Terms

**Age at AIDS Diagnosis:** Age group at time of initial AIDS diagnosis.

**Age at HIV Diagnosis:** Age group at time of initial HIV diagnosis.

**Age on [date]:** Age group of people living with diagnosed HIV on the specified date.

**AIDS Diagnoses:** Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

**AIDS Diagnoses among People Aged 13+:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

**Another Gender Identity:** A person assigned “male” or “female” sex at birth who does not identify as cisgender man or boy, cisgender woman or girl, transgender woman or girl, or transgender man or boy. AGI includes “bigender,” “gender queer,” and “two-spirit.”

**CD4 Result Distribution (<200, 200-349, 350-499, 500+):** Percent of people living with diagnosed HIV with a CD4 test distributed by their CD4 count results (cells per microliter).

**CD4 With Test:** Number and percent of total people aged 13+ living with diagnosed HIV with a recent CD4 test result measured in the specified year.

**Cisgender Man or Boy:** A person whose sex assigned at birth is male and who identifies as a man or boy.

**Cisgender Woman or Girl:** A person whose sex assigned at birth is female and who identifies as a woman or girl.

**Corrections:** Residence in a state or federal prison in Maryland. Does not include local jails and detention centers.

**Current Residence:** Jurisdiction of residence from the most recent report since January 1, 2013.

**Deaths Among AIDS Diagnoses:** Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

**Female:** A person whose sex assigned at birth is female.

**First CD4 Test Result Median Count:** Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

**First CD4 Test Result Percent with Test:** Percent of reported HIV diagnoses among people aged 13+ with the first CD4 test result reported within 12 months following the initial HIV diagnosis.

**Gender Expression:** People’s outward presentation of their gender which may or may not conform to socially defined behaviors and characteristics typically associated with being either masculine or feminine.

**Gender Identity:** Refers to one’s internal understanding of one’s own gender, or the gender with which a person identifies.

**HIV Diagnosed:** Number of people who have received an HIV diagnosis in a given time period, regardless of when HIV transmission occurred.

**HIV Diagnoses:** Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

**HIV Diagnoses among People Aged 13+:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

**HIV Prevalence:** Estimated number of people with HIV alive at a given time, regardless of when HIV transmission occurred or whether they have received a diagnosis.

**Heterosexual Contact (HET):** People who report a history of sexual contact with a person of the opposite sex who is known to be HIV positive or at an increased likelihood for HIV transmission.



**Injection Drug Use (IDU):** Includes people who injected nonprescription drugs or who injected prescription drugs for nonmedical purposes. Also includes injection or drugs prescribed to people if there is evidence that injection equipment was shared (e.g., syringes, needles, cookers).

**Jurisdiction of Current Residence:** Jurisdiction of residence from the most recent report since January 1, 2013.

**Jurisdiction of Residence:** Jurisdiction of residence at diagnosis or current residence.

**Jurisdiction of Residence at AIDS Diagnosis:** Jurisdiction of residence at time of initial AIDS diagnosis.

**Jurisdiction of Residence at Diagnosis:** Jurisdiction of residence at the later time of initial HIV diagnosis or time of initial AIDS diagnosis.

**Jurisdiction of Residence at HIV Diagnosis:** Jurisdiction of residence at time of initial HIV diagnosis.

**Late HIV Diagnosis:** Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 3 months after their initial HIV diagnosis.

**Linked to Care:** Percent of adult/adolescent reported HIV diagnoses with a reported CD4 or viral load test performed less than or equal to 1 month after their initial HIV diagnosis.

**Male:** A person whose sex assigned at birth is male.

**Mean Years from HIV Diagnosis:** Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for people living with a reported AIDS diagnosis.

**Mean Years from AIDS diagnosis to AIDS Death:** Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

**Median Count:** Median CD4 count (cells per microliter), among total people aged 13+ living with diagnosed HIV, of the most recent CD4 test result measured in the specified year.

**Median Unsuppressed:** Median unsuppressed viral load (copies per milliliter) among people aged 13+ living with diagnosed HIV of the most recent viral load test result measured in the specified year of 200 copies per milliliter or greater.

**Male-to-male Sexual Contact (MMSC):** Includes people assigned male sex at birth, regardless of current gender identity, who have had sexual contact with other males, and people assigned male sex at birth who have had sexual contact with both males and females.

**Male-to-male Sexual Contact/Injection Drug Use (MMSC/IDU):** Includes people assigned male sex at birth, regardless of current gender identity, who have had sexual contact with other males (or with both males and females) and inject nonprescription drugs or injected prescription drugs for nonmedical purposes. Also includes injection of drugs prescribed to people if there is evidence that injection equipment was shared (e.g., syringes, needles, cookers).

**Other Exposure:** Includes people who received clotting factors for hemophilia/coagulation disorder, or received a transfusion of blood/blood components, or received a transplant of tissue/organs or artificial insemination, or worked in a health care or clinical laboratory setting.

**People Aged 13+ Living with Diagnosed HIV:** Reported HIV diagnoses, age 13 years or older as of December 31<sup>st</sup> of the specified year and not reported to have died as of December 31<sup>st</sup> of the specified year.

**People Aged <13 Living with Diagnosed HIV:** Reported HIV diagnosis, age less than 13 years at HIV diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.

**People Living with Diagnosed HIV:** Reported HIV diagnoses not reported to have died as of December 31<sup>st</sup> of the specified year.

**Percent Change:** The percent change in number of total people aged 13+ living with diagnosed HIV from residence at diagnosis to current residence.

**Percent Alive by Years after AIDS Diagnosis:** Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years, and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

**Percent Late HIV Diagnosis:** Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 3 months prior to their initial AIDS diagnosis.

**Percent Suppressed:** Percent of total people aged 13+ living with diagnosed HIV with a recent viral load test result measured in the specified year of less than 200 copies per milliliter.

**Percent with AIDS by Years after HIV Diagnosis:** Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

**Perinatal Transmission:** When HIV is passed from a person with childbearing potential living with HIV to the infant during pregnancy, childbirth (also called labor and delivery), or breastfeeding (through breast milk).

**Population:** Population estimate for July 1 of the specified year.

**Population Aged 13+:** Population age 13 years or older, estimate for July 1 of the specified year.

**Rate:** Number of people living with diagnosed HIV divided by the population and multiplied by 100,000.

**Ratio (1 in X):** Number of people for every 1 person living with diagnosed HIV in the population, or 1 person living with diagnosed HIV in every X number of people.

**Recent CD4 Test Result:** The most recent CD4 test result measured in the specified year.

**Recent Viral Load Test Result:** The most recent viral load test result measured in the specified year.

**Residence at Diagnosis:** Jurisdiction of residence at later time of initial HIV diagnosis or initial AIDS diagnosis.

**Retained in HIV Care:** HIV diagnosed with a reported CD4 or viral load test result performed or reported antiretroviral use in the specified year.

**Suppressed Viral Load:** HIV diagnosed with the most recent viral load measured in the specified year of less than 200 copies per milliliter.

**Suppressed Viral Load – 6 Months:** HIV diagnosed with a viral load of less than 200 copies per milliliter measured in the first six months after HIV diagnosis.

**Transgender Man or Boy:** A person whose sex assigned at birth is female but who identifies as a man or boy.

**Transgender Woman or Girl:** A person whose sex assigned at birth is male but who identifies as a woman or girl.

**Viral Load With Test:** Number and percent of total people aged 13+ living with diagnosed HIV with a recent viral load test result.