

# 2022

# EASTERN 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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## On the Web

<https://health.maryland.gov/phpa/OIDEOR/CHSE/SiteAssets/Pages/statistics/Eastern-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 34 reported HIV diagnoses in Eastern Region. The Eastern Region includes Caroline County, Cecil County, Dorchester County, Kent County, Queen Anne’s County, Somerset County, Talbot County, Wicomico County, and Worcester County. Data presented below describe HIV diagnoses in Eastern Region, among people ages 13 years and older, during 2022.

- Geographic distribution: Wicomico County accounted for the highest number (19, 55.9%) of HIV diagnoses and the highest rate (21.5).
- Age: People aged 20-29 years accounted for the highest number (16, 47.1%) of HIV diagnoses. The rate (19.1) was highest among 35-44 years.
- Sex at Birth: Males accounted for the highest number (21, 61.8%) of HIV diagnoses. The rate among males was 10.9 and 6.4 among females.
- Race/Ethnicity: Non-Hispanic Black people accounted for the highest number (25, 73.5%) and the highest rate (39.3).
- Exposure Category: Heterosexual contact accounted for the highest number (16, 46.5%) of diagnoses.

#### People Living with Diagnosed HIV

At the end of 2022, there were 1,015 people living with diagnosed HIV in the Eastern Region. Data presented below describe people living with diagnosed HIV, aged 13 years and older, in the Eastern Region.

- Geographic distribution: Wicomico County accounted for the highest number (287, 28.3%) of people living with diagnosed HIV. Dorchester County accounted for the highest rate (563.8).
- Age: People aged 55-64 years accounted for the highest number (315, 31.0%) of people living with diagnosed HIV and the highest rate (466.6).
- Sex at Birth: Males accounted for the highest number (710, 70.0%) of people living with diagnosed HIV. The rate among males was 367.6 and 149.7 among females.
- Race/Ethnicity: Non-Hispanic Black people accounted for the highest number (577, 56.8%) and rate (906.1) of the people living with diagnosed HIV.
- Exposure Category: Male-to-male sexual contact accounted for the highest number (464, 45.7%) of the total people living with diagnosed HIV.

#### Engagement in HIV Care

- HIV diagnosed: Among people living with HIV in Eastern Region, it is estimated that 89.1 percent have been diagnosed and an estimated 124 people with HIV remain undiagnosed.
- Linked to care: During 2022, 67.6 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, 60.1 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

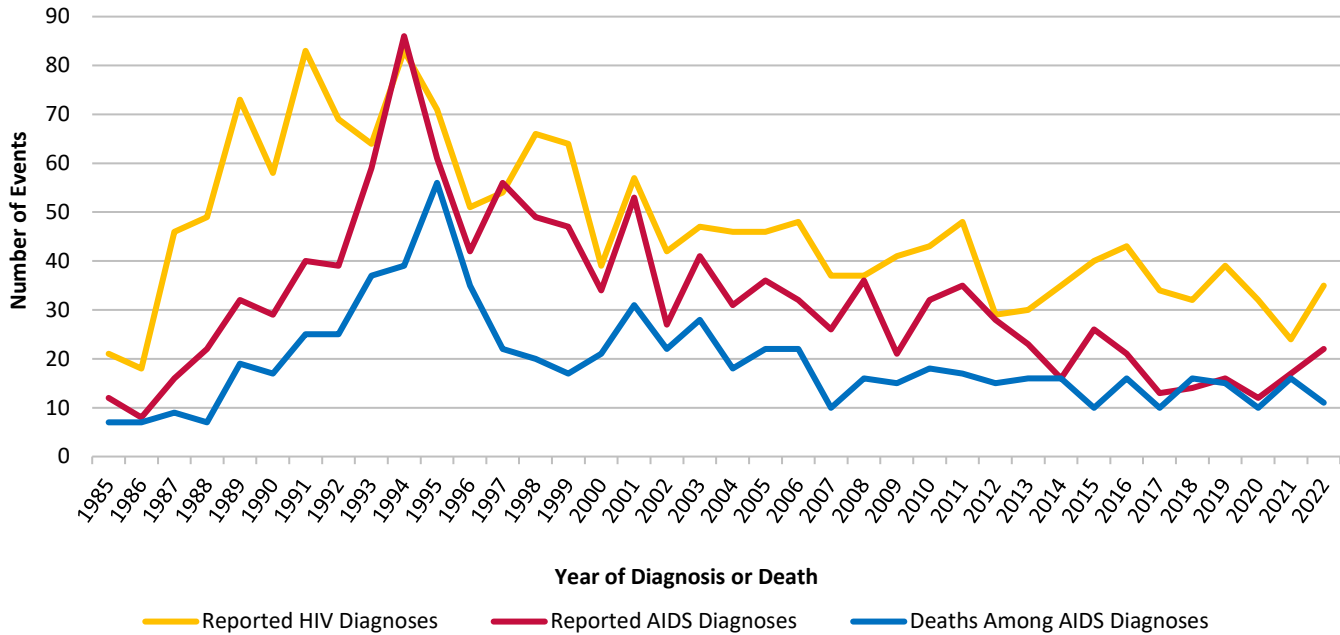
Not all exposure data is reported and is therefore missing in some instances. Multiple imputation is a statistical method by which missing exposure categories are replaced with estimated or probable exposure categories. Perinatal transmission and other exposure categories are never estimated or adjusted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

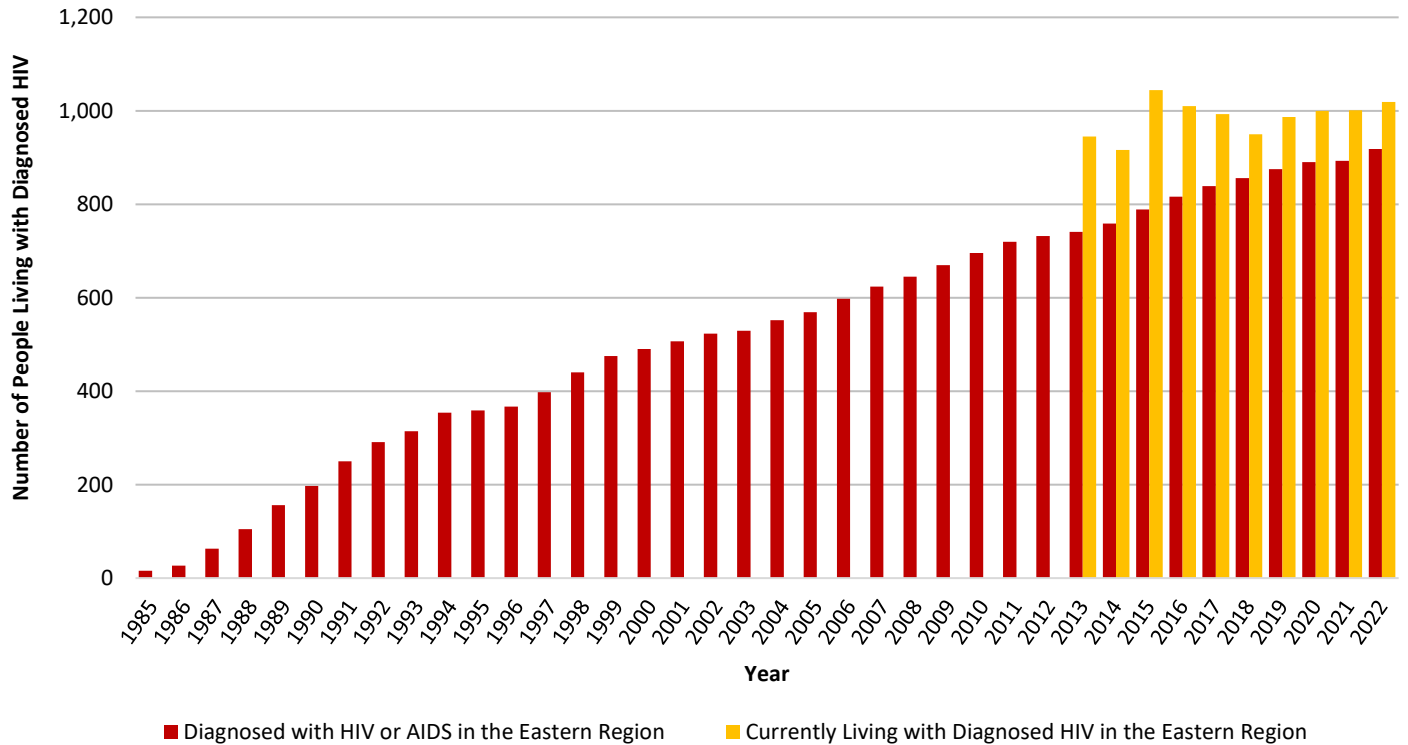


Year of Diagnosis or Death	HIV Diagnoses	AIDS Diagnoses	Deaths Among AIDS Diagnoses	Year of Diagnosis or Death	HIV Diagnoses	AIDS Diagnoses	Deaths Among AIDS Diagnoses
<1985	9	7	6	2004	46	31	18
1985	21	12	7	2005	46	36	22
1986	18	8	7	2006	48	32	22
1987	46	16	9	2007	37	26	10
1988	49	22	7	2008	37	36	16
1989	73	32	19	2009	41	21	15
1990	58	29	17	2010	43	32	18
1991	83	40	25	2011	48	35	17
1992	69	39	25	2012	29	28	15
1993	64	59	37	2013	30	23	16
1994	83	86	39	2014	35	16	16
1995	71	61	56	2015	40	26	10
1996	51	42	35	2016	43	21	16
1997	54	56	22	2017	34	13	10
1998	66	49	20	2018	32	14	16
1999	64	47	17	2019	39	16	15
2000	39	34	21	2020	32	12	10
2001	57	53	31	2021*	24	17	16
2002	42	27	22	2022*	35	22	11
2003	47	41	28	<b>Total</b>	<b>1,783</b>	<b>1,217</b>	<b>739</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 Eastern Region and Not Reported to have Died as of December 31st of Each Year (People who were Diagnosed with HIV or AIDS in Eastern Region and/or People who are Currently Living with Diagnosed HIV in Eastern Region) from 1985 through 2022, as Reported through June 30, 2023

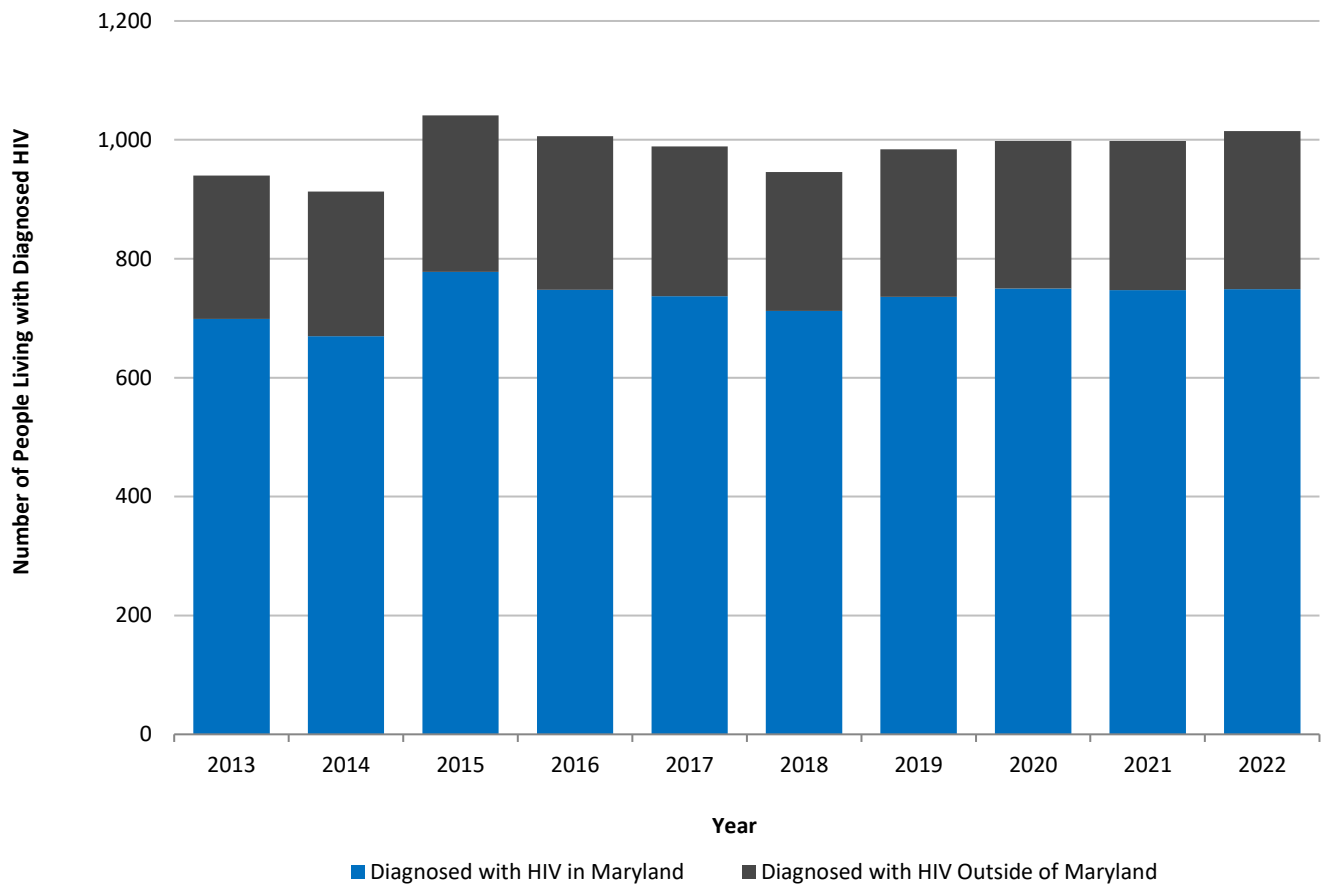


Year	People Living with Diagnosed HIV		Year	People Living with Diagnosed HIV	
	Diagnosed with HIV or AIDS in Eastern Region	Current Residents		Diagnosed with HIV or AIDS in Eastern Region	Current Residents
1985	16	--	2004	552	--
1986	27	--	2005	569	--
1987	63	--	2006	598	--
1988	105	--	2007	624	--
1989	156	--	2008	645	--
1990	197	--	2009	670	--
1991	250	--	2010	696	--
1992	291	--	2011	720	--
1993	314	--	2012	732	--
1994	354	--	2013	741	945
1995	359	--	2014	759	916
1996	367	--	2015	789	1,044
1997	398	--	2016	816	1,010
1998	440	--	2017	839	993
1999	475	--	2018	856	950
2000	490	--	2019	875	987
2001	507	--	2020	890	1,000
2002	523	--	2021	893	1,001
2003	529	--	2022	918	1,019

Note. Current residents are people 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**

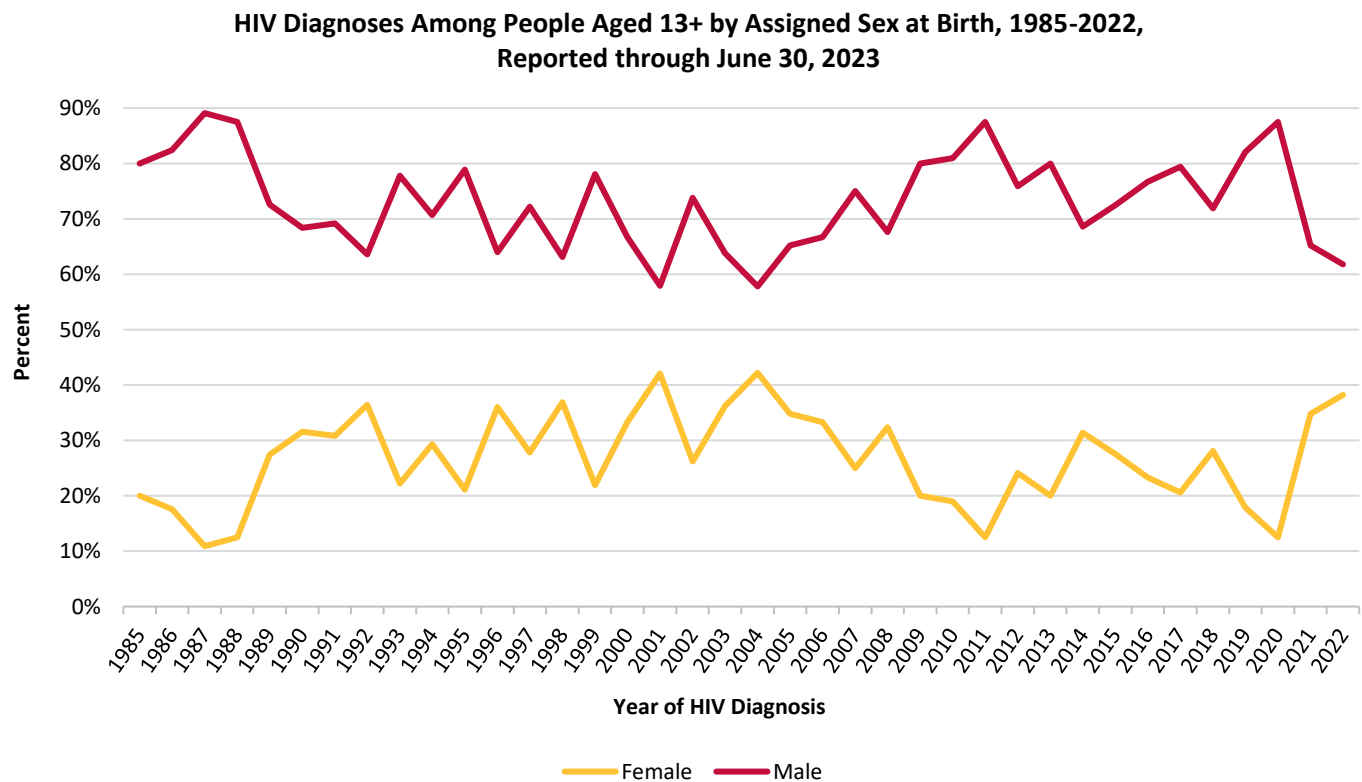
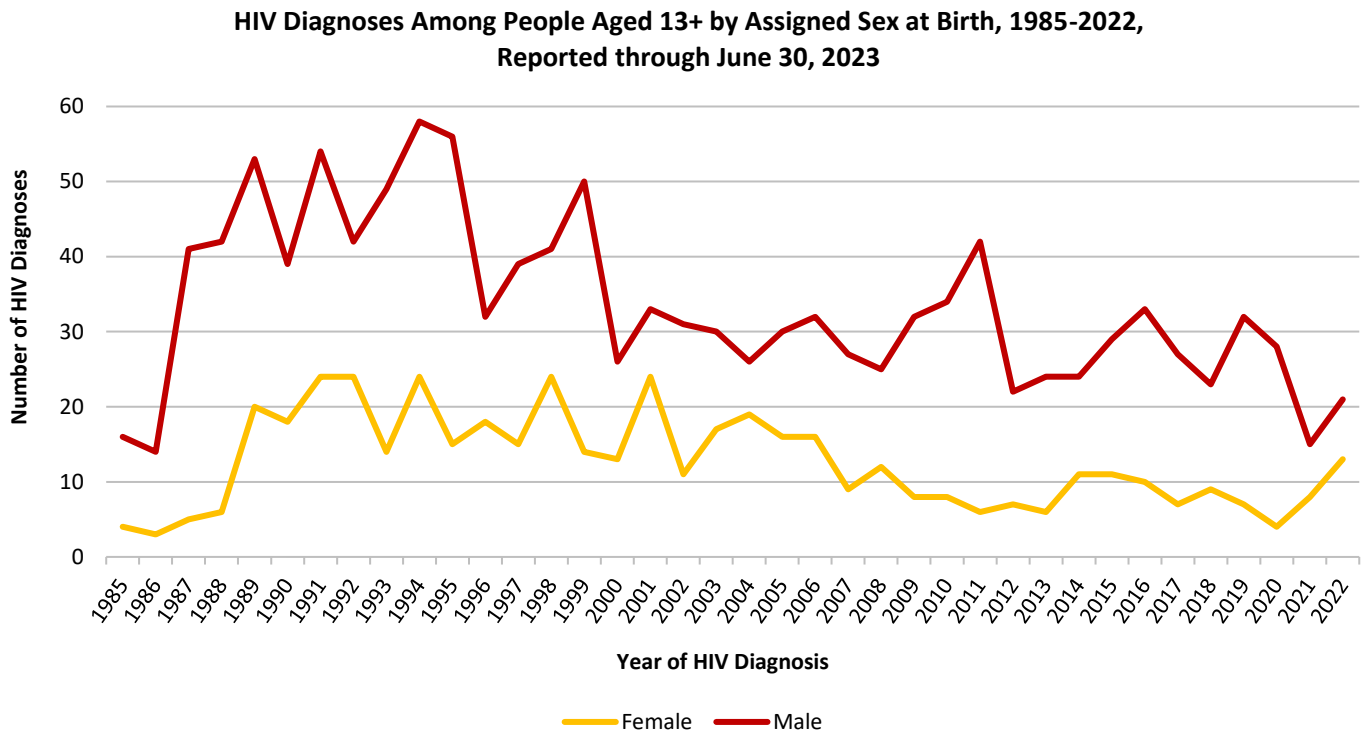
People Living with Diagnosed HIV in Eastern Region and Not Reported to have Died as of December 31<sup>st</sup> of Each Year from 2013 through 2022, as Reported through June 30, 2023



Year	Population Aged 13+	Eastern Region Residents Aged 13+ as of December 31st of the Specified Year			
		Diagnosed with HIV in Maryland	Diagnosed with HIV Outside of Maryland	Total	Rate
2013	383,434	699	241	940	245.2
2014	384,004	670	243	913	237.8
2015	385,271	778	263	1,041	270.2
2016	386,090	748	258	1,006	260.6
2017	387,252	737	252	989	255.4
2018	389,077	712	234	946	243.1
2019	390,795	736	248	984	251.8
2020	390,604	750	248	998	255.5
2021	393,867	747	251	998	253.4
2022	396,834	749	266	1,015	255.8

**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



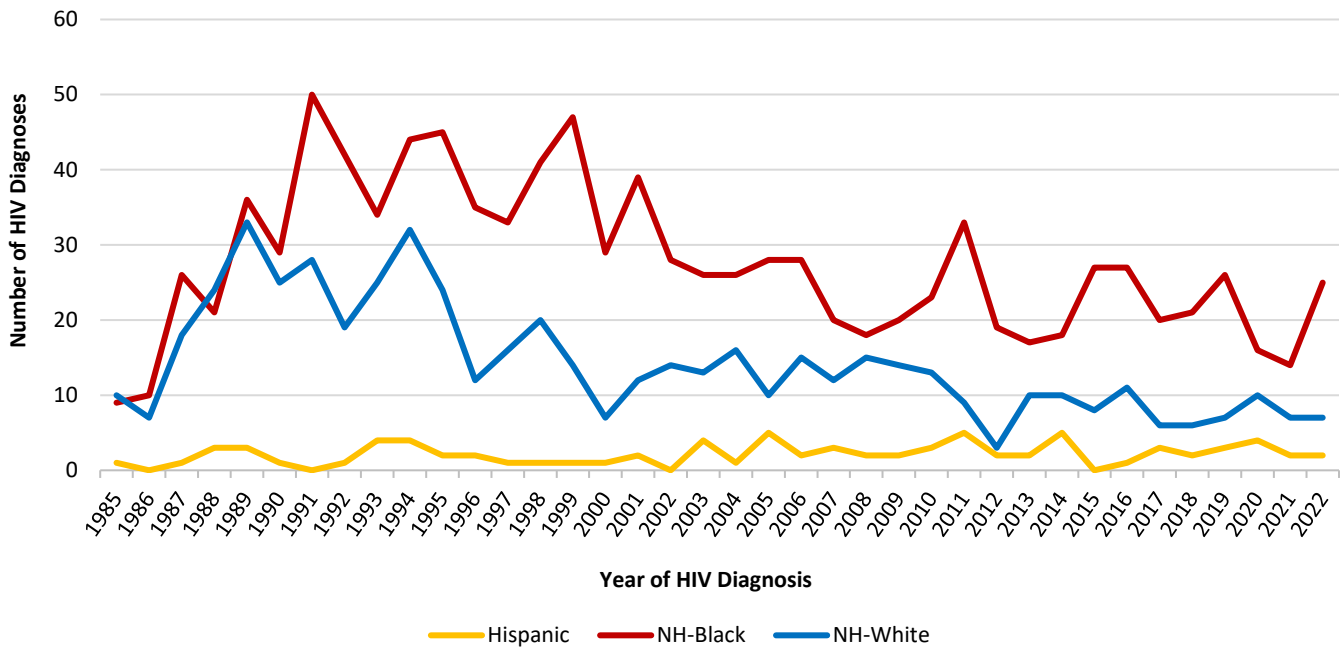
HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	Number	Assigned Sex at Birth			
		Female		Male	
		Number	Percent	Number	Percent
<1985	9	1	11.1%	8	88.9%
1985	20	4	20.0%	16	80.0%
1986	17	3	17.6%	14	82.4%
1987	46	5	10.9%	41	89.1%
1988	48	6	12.5%	42	87.5%
1989	73	20	27.4%	53	72.6%
1990	57	18	31.6%	39	68.4%
1991	78	24	30.8%	54	69.2%
1992	66	24	36.4%	42	63.6%
1993	63	14	22.2%	49	77.8%
1994	82	24	29.3%	58	70.7%
1995	71	15	21.1%	56	78.9%
1996	50	18	36.0%	32	64.0%
1997	54	15	27.8%	39	72.2%
1998	65	24	36.9%	41	63.1%
1999	64	14	21.9%	50	78.1%
2000	39	13	33.3%	26	66.7%
2001	57	24	42.1%	33	57.9%
2002	42	11	26.2%	31	73.8%
2003	47	17	36.2%	30	63.8%
2004	45	19	42.2%	26	57.8%
2005	46	16	34.8%	30	65.2%
2006	48	16	33.3%	32	66.7%
2007	36	9	25.0%	27	75.0%
2008	37	12	32.4%	25	67.6%
2009	40	8	20.0%	32	80.0%
2010	42	8	19.0%	34	81.0%
2011	48	6	12.5%	42	87.5%
2012	29	7	24.1%	22	75.9%
2013	30	6	20.0%	24	80.0%
2014	35	11	31.4%	24	68.6%
2015	40	11	27.5%	29	72.5%
2016	43	10	23.3%	33	76.7%
2017	34	7	20.6%	27	79.4%
2018	32	9	28.1%	23	71.9%
2019	39	7	17.9%	32	82.1%
2020	32	4	12.5%	28	87.5%
2021	23	8	34.8%	15	65.2%
2022	34	13	38.2%	21	61.8%
<b>Total</b>	<b>1,761</b>	<b>481</b>	<b>27.3%</b>	<b>1,280</b>	<b>72.7%</b>

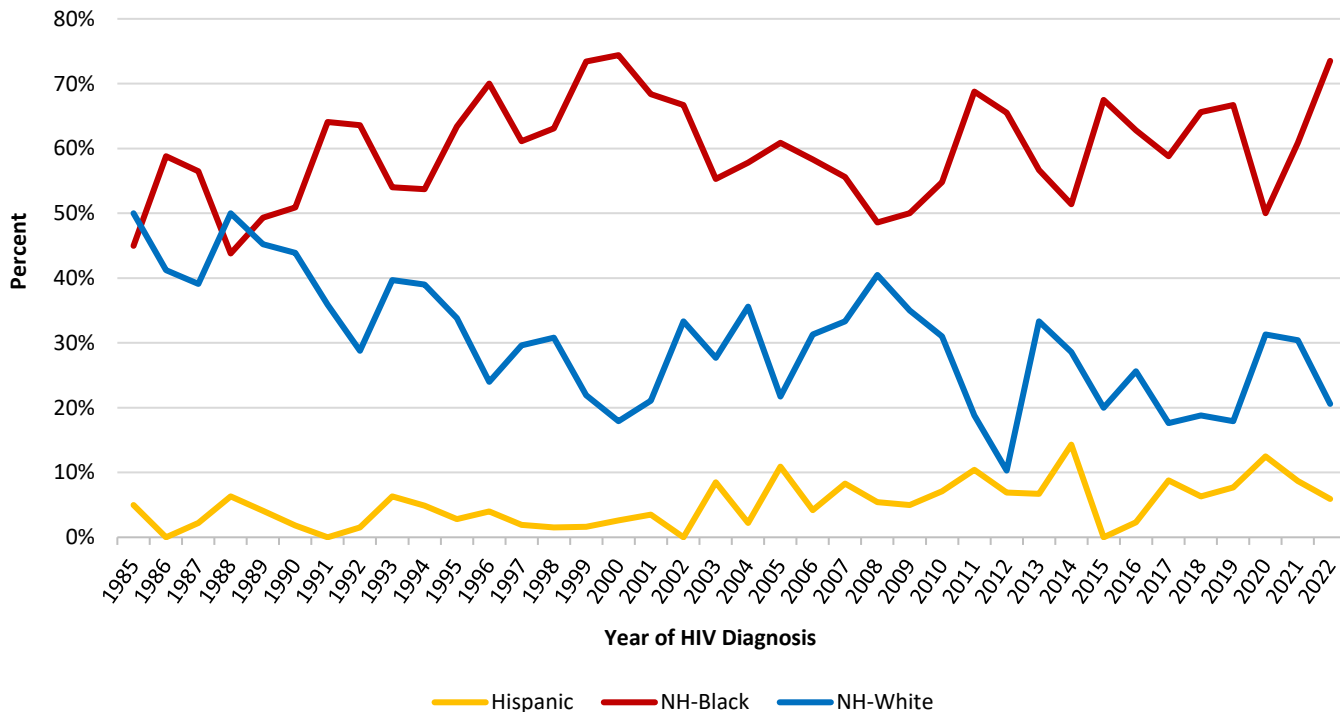
**Figure 5 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Race/Ethnicity, 1985-2022, Reported through June 30, 2023**

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.

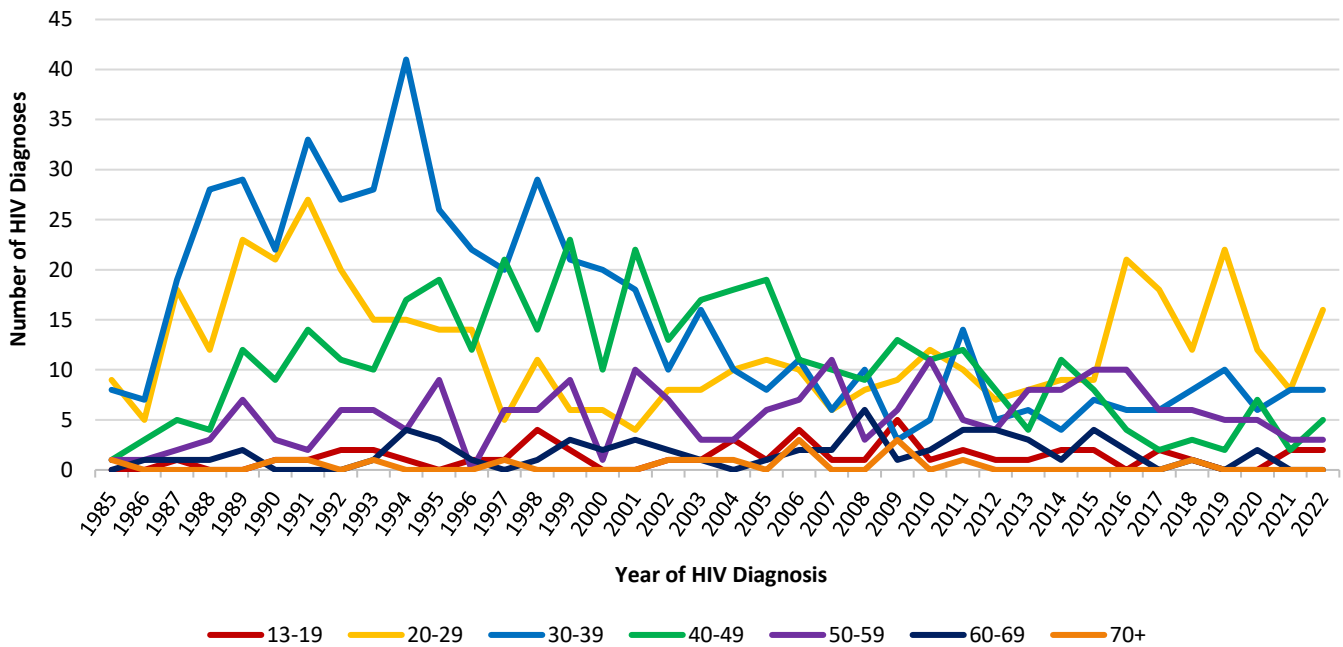
HIV Diagnoses among People Aged 13+

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	9	0	0.0%	5	55.6%	4	44.4%	0	0.0%
1985	20	1	5.0%	9	45.0%	10	50.0%	0	0.0%
1986	17	0	0.0%	10	58.8%	7	41.2%	0	0.0%
1987	46	1	2.2%	26	56.5%	18	39.1%	1	2.2%
1988	48	3	6.3%	21	43.8%	24	50.0%	0	0.0%
1989	73	3	4.1%	36	49.3%	33	45.2%	1	1.4%
1990	57	1	1.8%	29	50.9%	25	43.9%	2	3.5%
1991	78	0	0.0%	50	64.1%	28	35.9%	0	0.0%
1992	66	1	1.5%	42	63.6%	19	28.8%	4	6.1%
1993	63	4	6.3%	34	54.0%	25	39.7%	0	0.0%
1994	82	4	4.9%	44	53.7%	32	39.0%	2	2.4%
1995	71	2	2.8%	45	63.4%	24	33.8%	0	0.0%
1996	50	2	4.0%	35	70.0%	12	24.0%	1	2.0%
1997	54	1	1.9%	33	61.1%	16	29.6%	4	7.4%
1998	65	1	1.5%	41	63.1%	20	30.8%	3	4.6%
1999	64	1	1.6%	47	73.4%	14	21.9%	2	3.1%
2000	39	1	2.6%	29	74.4%	7	17.9%	2	5.1%
2001	57	2	3.5%	39	68.4%	12	21.1%	4	7.0%
2002	42	0	0.0%	28	66.7%	14	33.3%	0	0.0%
2003	47	4	8.5%	26	55.3%	13	27.7%	4	8.5%
2004	45	1	2.2%	26	57.8%	16	35.6%	2	4.4%
2005	46	5	10.9%	28	60.9%	10	21.7%	3	6.5%
2006	48	2	4.2%	28	58.3%	15	31.3%	3	6.3%
2007	36	3	8.3%	20	55.6%	12	33.3%	1	2.8%
2008	37	2	5.4%	18	48.6%	15	40.5%	2	5.4%
2009	40	2	5.0%	20	50.0%	14	35.0%	4	10.0%
2010	42	3	7.1%	23	54.8%	13	31.0%	3	7.1%
2011	48	5	10.4%	33	68.8%	9	18.8%	1	2.1%
2012	29	2	6.9%	19	65.5%	3	10.3%	5	17.2%
2013	30	2	6.7%	17	56.7%	10	33.3%	1	3.3%
2014	35	5	14.3%	18	51.4%	10	28.6%	2	5.7%
2015	40	0	0.0%	27	67.5%	8	20.0%	5	12.5%
2016	43	1	2.3%	27	62.8%	11	25.6%	4	9.3%
2017	34	3	8.8%	20	58.8%	6	17.6%	5	14.7%
2018	32	2	6.3%	21	65.6%	6	18.8%	3	9.4%
2019	39	3	7.7%	26	66.7%	7	17.9%	3	7.7%
2020	32	4	12.5%	16	50.0%	10	31.3%	2	6.3%
2021	23	2	8.7%	14	60.9%	7	30.4%	0	0.0%
2022	34	2	5.9%	25	73.5%	7	20.6%	0	0.0%
<b>Total</b>	<b>1,761</b>	<b>81</b>	<b>4.6%</b>	<b>1,055</b>	<b>59.9%</b>	<b>546</b>	<b>31.0%</b>	<b>79</b>	<b>4.5%</b>

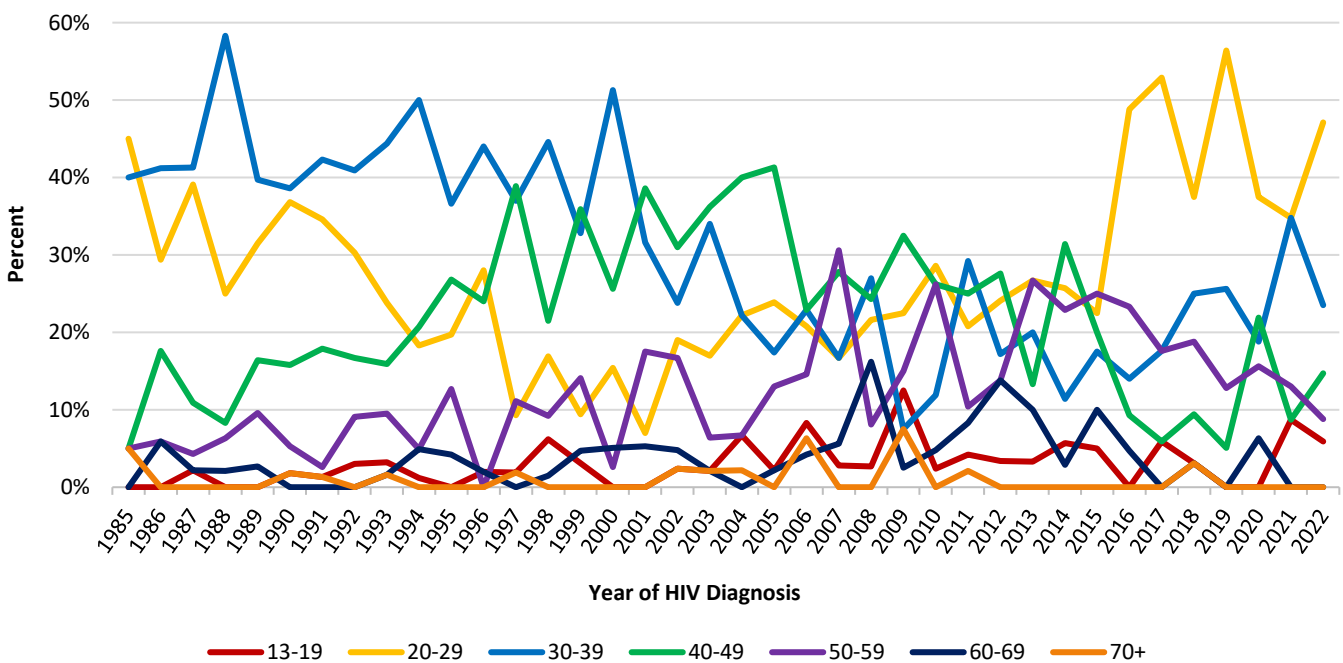
**Figure 6 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Age at HIV Diagnosis, 1985-2022, Reported through June 30, 2023**

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**



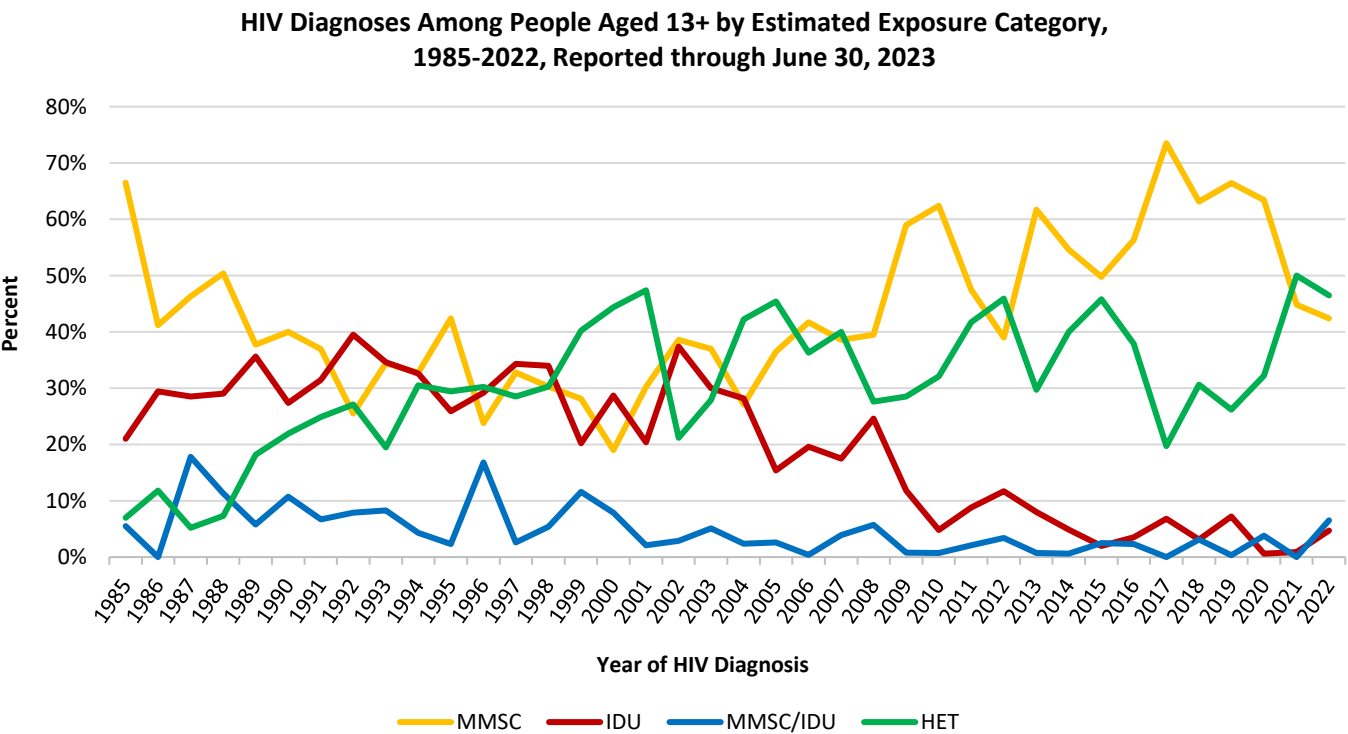
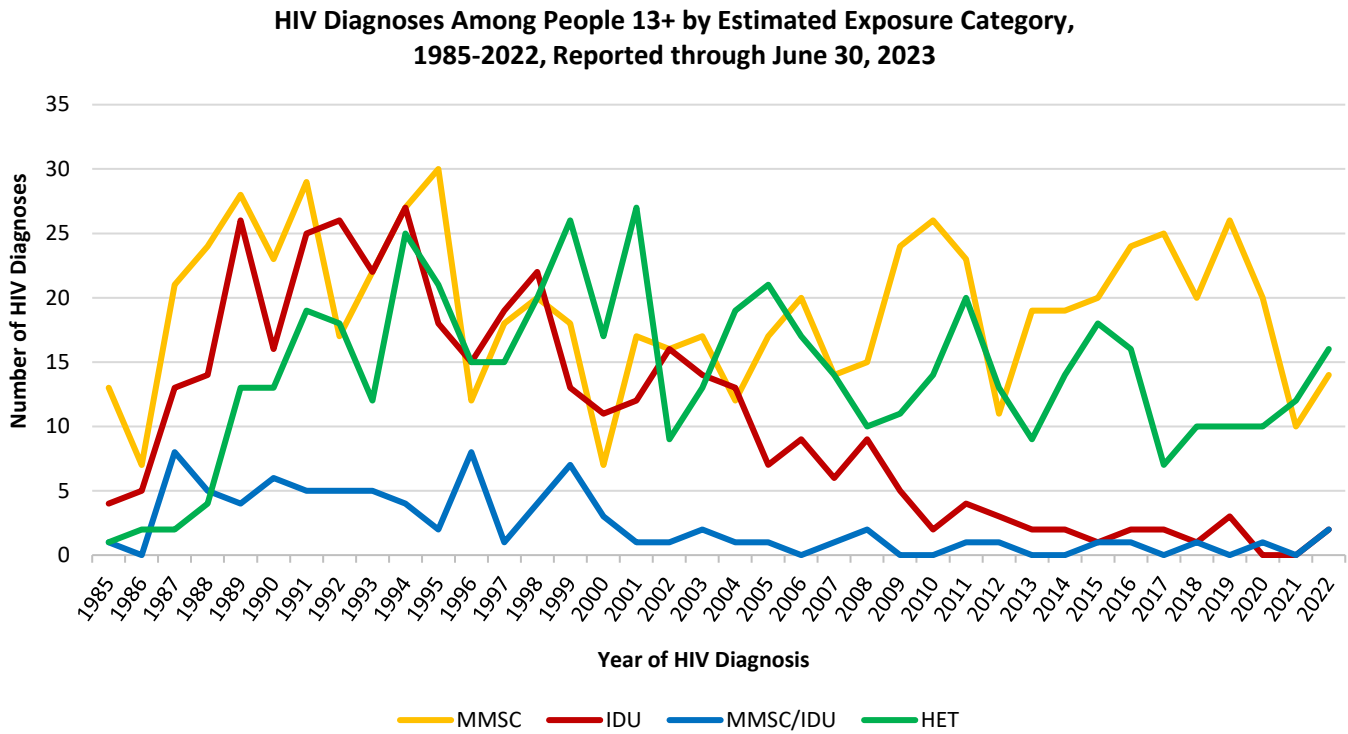


HIV Diagnoses among People Aged 13+

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	9	1	11.1%	3	33.3%	3	33.3%	1	11.1%	1	11.1%	0	0.0%	0	0.0%
1985	20	0	0.0%	9	45.0%	8	40.0%	1	5.0%	1	5.0%	0	0.0%	1	5.0%
1986	17	0	0.0%	5	29.4%	7	41.2%	3	17.6%	1	5.9%	1	5.9%	0	0.0%
1987	46	1	2.2%	18	39.1%	19	41.3%	5	10.9%	2	4.3%	1	2.2%	0	0.0%
1988	48	0	0.0%	12	25.0%	28	58.3%	4	8.3%	3	6.3%	1	2.1%	0	0.0%
1989	73	0	0.0%	23	31.5%	29	39.7%	12	16.4%	7	9.6%	2	2.7%	0	0.0%
1990	57	1	1.8%	21	36.8%	22	38.6%	9	15.8%	3	5.3%	0	0.0%	1	1.8%
1991	78	1	1.3%	27	34.6%	33	42.3%	14	17.9%	2	2.6%	0	0.0%	1	1.3%
1992	66	2	3.0%	20	30.3%	27	40.9%	11	16.7%	6	9.1%	0	0.0%	0	0.0%
1993	63	2	3.2%	15	23.8%	28	44.4%	10	15.9%	6	9.5%	1	1.6%	1	1.6%
1994	82	1	1.2%	15	18.3%	41	50.0%	17	20.7%	4	4.9%	4	4.9%	0	0.0%
1995	71	0	0.0%	14	19.7%	26	36.6%	19	26.8%	9	12.7%	3	4.2%	0	0.0%
1996	50	1	2.0%	14	28.0%	22	44.0%	12	24.0%	0	0.0%	1	2.0%	0	0.0%
1997	54	1	1.9%	5	9.3%	20	37.0%	21	38.9%	6	11.1%	0	0.0%	1	1.9%
1998	65	4	6.2%	11	16.9%	29	44.6%	14	21.5%	6	9.2%	1	1.5%	0	0.0%
1999	64	2	3.1%	6	9.4%	21	32.8%	23	35.9%	9	14.1%	3	4.7%	0	0.0%
2000	39	0	0.0%	6	15.4%	20	51.3%	10	25.6%	1	2.6%	2	5.1%	0	0.0%
2001	57	0	0.0%	4	7.0%	18	31.6%	22	38.6%	10	17.5%	3	5.3%	0	0.0%
2002	42	1	2.4%	8	19.0%	10	23.8%	13	31.0%	7	16.7%	2	4.8%	1	2.4%
2003	47	1	2.1%	8	17.0%	16	34.0%	17	36.2%	3	6.4%	1	2.1%	1	2.1%
2004	45	3	6.7%	10	22.2%	10	22.2%	18	40.0%	3	6.7%	0	0.0%	1	2.2%
2005	46	1	2.2%	11	23.9%	8	17.4%	19	41.3%	6	13.0%	1	2.2%	0	0.0%
2006	48	4	8.3%	10	20.8%	11	22.9%	11	22.9%	7	14.6%	2	4.2%	3	6.3%
2007	36	1	2.8%	6	16.7%	6	16.7%	10	27.8%	11	30.6%	2	5.6%	0	0.0%
2008	37	1	2.7%	8	21.6%	10	27.0%	9	24.3%	3	8.1%	6	16.2%	0	0.0%
2009	40	5	12.5%	9	22.5%	3	7.5%	13	32.5%	6	15.0%	1	2.5%	3	7.5%
2010	42	1	2.4%	12	28.6%	5	11.9%	11	26.2%	11	26.2%	2	4.8%	0	0.0%
2011	48	2	4.2%	10	20.8%	14	29.2%	12	25.0%	5	10.4%	4	8.3%	1	2.1%
2012	29	1	3.4%	7	24.1%	5	17.2%	8	27.6%	4	13.8%	4	13.8%	0	0.0%
2013	30	1	3.3%	8	26.7%	6	20.0%	4	13.3%	8	26.7%	3	10.0%	0	0.0%
2014	35	2	5.7%	9	25.7%	4	11.4%	11	31.4%	8	22.9%	1	2.9%	0	0.0%
2015	40	2	5.0%	9	22.5%	7	17.5%	8	20.0%	10	25.0%	4	10.0%	0	0.0%
2016	43	0	0.0%	21	48.8%	6	14.0%	4	9.3%	10	23.3%	2	4.7%	0	0.0%
2017	34	2	5.9%	18	52.9%	6	17.6%	2	5.9%	6	17.6%	0	0.0%	0	0.0%
2018	32	1	3.1%	12	37.5%	8	25.0%	3	9.4%	6	18.8%	1	3.1%	1	3.1%
2019	39	0	0.0%	22	56.4%	10	25.6%	2	5.1%	5	12.8%	0	0.0%	0	0.0%
2020	32	0	0.0%	12	37.5%	6	18.8%	7	21.9%	5	15.6%	2	6.3%	0	0.0%
2021	23	2	8.7%	8	34.8%	8	34.8%	2	8.7%	3	13.0%	0	0.0%	0	0.0%
2022	34	2	5.9%	16	47.1%	8	23.5%	5	14.7%	3	8.8%	0	0.0%	0	0.0%
<b>Total</b>	<b>1,761</b>	<b>50</b>	<b>2.8%</b>	<b>462</b>	<b>26.2%</b>	<b>568</b>	<b>32.3%</b>	<b>397</b>	<b>22.5%</b>	<b>207</b>	<b>11.8%</b>	<b>61</b>	<b>3.5%</b>	<b>16</b>	<b>0.9%</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



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>x</sup>	Estimated Exposure Category <sup>§</sup>									
			MMSC		IDU		MMSC/IDU		HET		Other Exposure	
			No.	%	No.	%	No.	%	No.	%	No.	%
<1985	9	22.2%	4	48.9%	1	14.4%	1	11.1%	1	14.4%	1	11.1%
1985	20	5.0%	13	66.5%	4	21.0%	1	5.5%	1	7.0%	0	0.0%
1986	17	0.0%	7	41.2%	5	29.4%	0	0.0%	2	11.8%	3	17.6%
1987	46	8.7%	21	46.3%	13	28.5%	8	17.8%	2	5.2%	1	2.2%
1988	48	8.3%	24	50.4%	14	29.0%	5	11.3%	4	7.3%	1	2.1%
1989	73	2.7%	28	37.7%	26	35.6%	4	5.8%	13	18.2%	2	2.7%
1990	57	5.3%	23	40.0%	16	27.4%	6	10.7%	13	21.9%	0	0.0%
1991	78	6.4%	29	36.9%	25	31.5%	5	6.7%	19	24.9%	0	0.0%
1992	66	7.6%	17	25.5%	26	39.5%	5	7.9%	18	27.1%	0	0.0%
1993	63	9.5%	22	34.4%	22	34.6%	5	8.3%	12	19.5%	2	3.2%
1994	82	12.2%	27	32.7%	27	32.6%	4	4.3%	25	30.5%	0	0.0%
1995	71	9.9%	30	42.4%	18	25.9%	2	2.3%	21	29.4%	0	0.0%
1996	50	12.0%	12	23.8%	15	29.2%	8	16.8%	15	30.2%	0	0.0%
1997	54	9.3%	18	32.8%	19	34.3%	1	2.6%	15	28.5%	1	1.9%
1998	65	15.4%	20	30.3%	22	34.0%	4	5.4%	20	30.3%	0	0.0%
1999	64	9.4%	18	28.1%	13	20.2%	7	11.6%	26	40.2%	0	0.0%
2000	39	5.1%	7	19.0%	11	28.7%	3	7.9%	17	44.4%	0	0.0%
2001	57	7.0%	17	30.2%	12	20.4%	1	2.1%	27	47.4%	0	0.0%
2002	42	19.0%	16	38.6%	16	37.4%	1	2.9%	9	21.2%	0	0.0%
2003	47	10.6%	17	37.0%	14	30.0%	2	5.1%	13	27.9%	0	0.0%
2004	45	15.6%	12	27.1%	13	28.2%	1	2.4%	19	42.2%	0	0.0%
2005	46	23.9%	17	36.5%	7	15.4%	1	2.6%	21	45.4%	0	0.0%
2006	48	14.6%	20	41.7%	9	19.6%	0	0.4%	17	36.3%	1	2.1%
2007	36	19.4%	14	38.6%	6	17.5%	1	3.9%	14	40.0%	0	0.0%
2008	37	24.3%	15	39.5%	9	24.6%	2	5.7%	10	27.6%	1	2.7%
2009	40	20.0%	24	59.0%	5	11.8%	0	0.8%	11	28.5%	0	0.0%
2010	42	21.4%	26	62.4%	2	4.8%	0	0.7%	14	32.1%	0	0.0%
2011	48	14.6%	23	47.5%	4	8.8%	1	2.1%	20	41.7%	0	0.0%
2012	29	13.8%	11	39.0%	3	11.7%	1	3.4%	13	45.9%	0	0.0%
2013	30	13.3%	19	61.7%	2	8.0%	0	0.7%	9	29.7%	0	0.0%
2014	35	22.9%	19	54.6%	2	4.9%	0	0.6%	14	40.0%	0	0.0%
2015	40	10.0%	20	49.8%	1	2.0%	1	2.5%	18	45.8%	0	0.0%
2016	43	7.0%	24	56.3%	2	3.5%	1	2.3%	16	37.9%	0	0.0%
2017	34	5.9%	25	73.5%	2	6.8%	0	0.0%	7	19.7%	0	0.0%
2018	32	6.3%	20	63.1%	1	3.1%	1	3.1%	10	30.6%	0	0.0%
2019	39	10.3%	26	66.4%	3	7.2%	0	0.3%	10	26.2%	0	0.0%
2020	32	6.3%	20	63.4%	0	0.6%	1	3.8%	10	32.2%	0	0.0%
2021	23	13.0%	10	44.8%	0	0.9%	0	0.0%	12	50.0%	1	4.3%
2022	34	14.7%	14	42.4%	2	4.7%	2	6.5%	16	46.5%	0	0.0%
<b>Total</b>	<b>1,761</b>	<b>11.4%</b>	<b>729</b>	<b>41.4%</b>	<b>392</b>	<b>22.3%</b>	<b>86</b>	<b>4.9%</b>	<b>534</b>	<b>30.3%</b>	<b>14</b>	<b>0.8%</b>

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

<sup>x</sup>Percent with no reported exposure prior to multiple imputation adjustment.

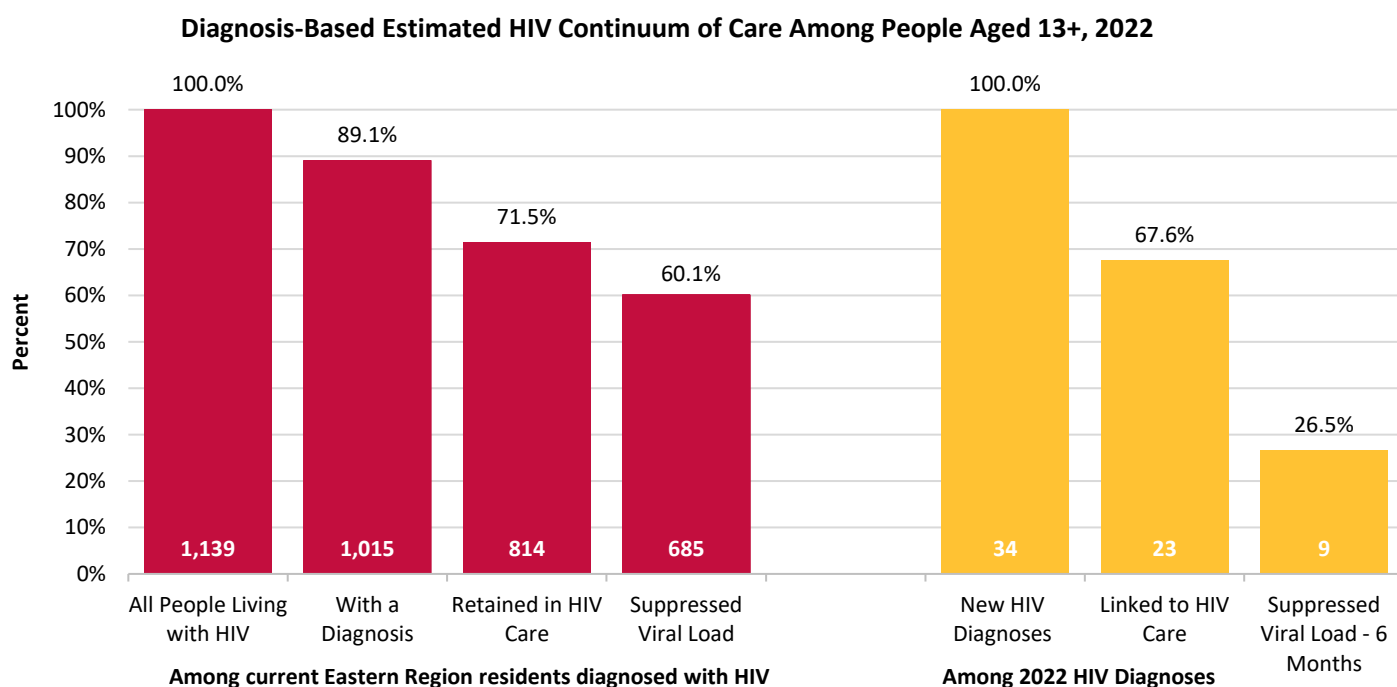
Note. Discrepancies in the table between total HIV diagnoses and the sums by exposure category are due to less than 1 percent of people missing transmission category after multiple imputation.

### 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 Eastern Region Residents Aged 13+, Reported through June 30, 2023**

The prevalence-based Eastern 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 (10.9%) and the estimated number of people living with HIV currently residing in the Eastern Region. Maryland surveillance data is then used to describe the number and percentage of people living with HIV in the Eastern 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.

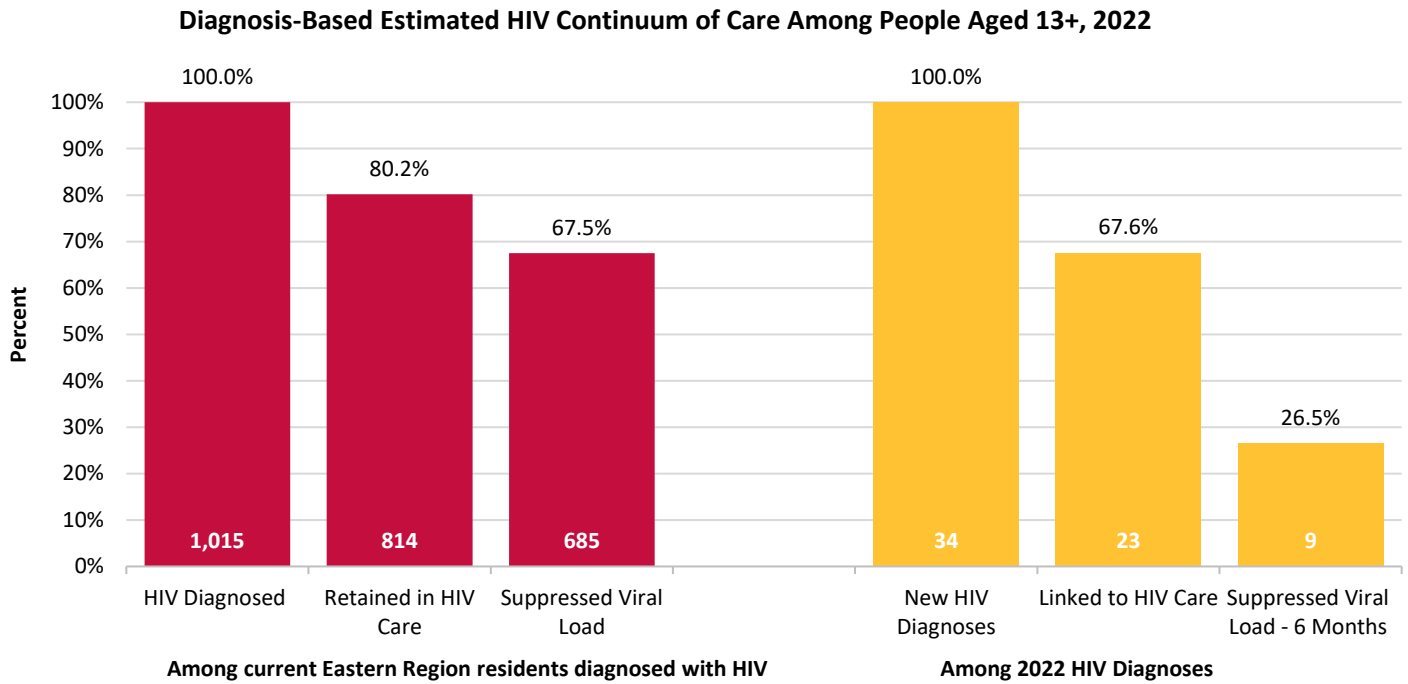


Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2022 HIV Diagnoses	
	Number	Percent		Number	Percent
All People Living with HIV	1,139	100.0%	New HIV Diagnoses	34	100.0%
With a Diagnosis	1,015	89.1%	Linked to HIV Care	23	67.6%
Retained in HIV Care	814	71.5%	Suppressed Viral Load – 6 Months	9	26.5%
Suppressed Viral Load	685	60.1%			

<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 Eastern Region Residents Aged 13+, Reported through June 30, 2023**

The diagnosis-based Eastern Region Engagement in HIV Care Cascade (below) uses Maryland surveillance data for current Eastern Region residents to describe the number and percentage of people living with diagnosed HIV in the Eastern 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	1,015	100.0%	New HIV Diagnoses	34	100.0%
Retained in HIV Care	814	80.2%	Linked to HIV Care	23	67.6%
Suppressed Viral Load	685	67.5%	Suppressed Viral Load – 6 Months	9	26.5%

## 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
Caroline	27,937	1	2.9%	3.6	2	9.1%	7.2
Cecil	88,919	0	0.0%	0.0	3	13.6%	3.4
Dorchester	27,848	2	5.9%	7.2	2	9.1%	7.2
Kent	17,279	1	2.9%	5.8	1	4.5%	5.8
Queen Anne's	44,380	4	11.8%	9.0	1	4.5%	2.3
Somerset	21,527	3	8.8%	13.9	3	13.6%	13.9
Talbot	33,113	0	0.0%	0.0	0	0.0%	0.0
Wicomico	88,216	19	55.9%	21.5	9	40.9%	10.2
Worcester	47,616	4	11.8%	8.4	1	4.5%	2.1
<b>Total</b>	<b>396,835</b>	<b>34</b>	<b>100.0%</b>	<b>8.6</b>	<b>22</b>	<b>100.0%</b>	<b>5.5</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+					
	No.	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	First CD4 Test Result	
					% with Test	Median Count
Caroline	1	***	***	***	***	***
Cecil	0	--	--	--	--	--
Dorchester	2	***	***	***	***	***
Kent	1	***	***	***	***	***
Queen Anne's	4	***	***	***	***	***
Somerset	3	***	***	***	***	***
Talbot	0	--	--	--	--	--
Wicomico	19	73.7%	36.8%	31.6%	94.7%	285
Worcester	4	***	***	***	***	***
<b>Total</b>	<b>34</b>	<b>67.6%</b>	<b>26.5%</b>	<b>26.5%</b>	<b>94.1%</b>	<b>322</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)	
Caroline	27,937	69	7.5%	247.0	405	61	6.0%	218.3	458	-11.6%
Cecil	88,919	128	14.0%	144.0	695	156	15.4%	175.4	570	21.9%
Dorchester	27,848	126	13.8%	452.5	221	157	15.5%	563.8	177	24.6%
Kent	17,279	44	4.8%	254.6	393	53	5.2%	306.7	326	20.5%
Queen Anne's	44,380	60	6.6%	135.2	740	61	6.0%	137.4	728	1.7%
Somerset	21,527	78	8.5%	362.3	276	95	9.4%	441.3	227	21.8%
Talbot	33,113	63	6.9%	190.3	526	80	7.9%	241.6	414	27.0%
Wicomico	88,216	270	29.5%	306.1	327	287	28.3%	325.3	307	6.3%
Worcester	47,616	77	8.4%	161.7	618	65	6.4%	136.5	733	-15.6%
<b>Total</b>	<b>396,835</b>	<b>915</b>	<b>100.0%</b>	<b>230.6</b>	<b>434</b>	<b>1,015</b>	<b>100.0%</b>	<b>255.8</b>	<b>391</b>	<b>10.9%</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					
Caroline	61	44	72.1%	775	9.1%	6.8%	4.5%	79.5%	
Cecil	156	111	71.2%	604	7.2%	11.7%	16.2%	64.9%	
Dorchester	157	118	75.2%	647	9.3%	12.7%	9.3%	68.6%	
Kent	53	33	62.3%	702	6.1%	0.0%	12.1%	81.8%	
Queen Anne's	61	43	70.5%	682	4.7%	18.6%	7.0%	69.8%	
Somerset	95	72	75.8%	582	5.6%	11.1%	16.7%	66.7%	
Talbot	80	68	85.0%	529	11.8%	22.1%	14.7%	51.5%	
Wicomico	287	221	77.0%	555	10.4%	15.8%	16.3%	57.5%	
Worcester	65	50	76.9%	608	6.0%	8.0%	18.0%	68.0%	
<b>Total</b>	<b>1,015</b>	<b>760</b>	<b>74.9%</b>	<b>612</b>	<b>8.6%</b>	<b>13.3%</b>	<b>13.8%</b>	<b>64.3%</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	
Caroline	61	45	73.8%	93.3%	581,000
Cecil	156	106	67.9%	85.8%	34,400
Dorchester	157	118	75.2%	91.5%	14,450
Kent	53	36	67.9%	94.4%	84,050
Queen Anne's	61	44	72.1%	95.5%	45,050
Somerset	95	74	77.9%	89.2%	28,800
Talbot	80	67	83.8%	95.5%	42,500
Wicomico	287	228	79.4%	84.2%	1,515
Worcester	65	51	78.5%	90.2%	74,490
<b>Total</b>	<b>1,015</b>	<b>769</b>	<b>75.8%</b>	<b>89.1%</b>	<b>16,590</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)	24,338	1	2.9%	4.1	***	***	***	***	***
5-12 (Pediatric)	41,968	0	0.0%	0.0	--	--	--	--	--
13-19	40,256	2	5.7%	5.0	***	***	***	***	***
20-29	58,101	16	45.7%	27.5	50.0%	***	***	87.5%	358
30-39	54,310	8	22.9%	14.7	87.5%	***	***	100.0%	235
40-49	50,159	5	14.3%	10.0	***	***	***	100.0%	322
50-59	62,517	3	8.6%	4.8	***	***	***	***	***
60-69	64,923	0	0.0%	0.0	--	--	--	--	--
70+	66,568	0	0.0%	0.0	--	--	--	--	--
<b>Total</b>	<b>463,140</b>	<b>35</b>	<b>100.0%</b>	<b>7.6</b>	<b>68.6%</b>	<b>28.6%</b>	<b>25.7%</b>	<b>94.3%</b>	<b>322</b>
<b>Alternate Age Categories</b>									
13-24	72,155	10	29.4%	13.9	***	***	0.0%	***	***
25-34	53,942	10	29.4%	18.5	60.0%	***	***	100.0%	162
35-44	52,311	10	29.4%	19.1	90.0%	***	***	100.0%	228
45-54	53,627	4	11.8%	7.5	***	***	***	***	***
55-64	67,511	0	0.0%	0.0	--	--	--	--	--
65+	97,288	0	0.0%	0.0	--	--	--	--	--
<b>Total</b>	<b>396,834</b>	<b>34</b>	<b>100.0%</b>	<b>8.6</b>	<b>68.6%</b>	<b>28.6%</b>	<b>25.7%</b>	<b>94.3%</b>	<b>322</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)	24,338	2	0.2%	8.2	12,169
5-12 (Pediatric)	41,968	2	0.2%	4.8	20,984
13-19	40,256	4	0.4%	9.9	10,064
20-29	58,101	71	7.0%	122.2	818
30-39	54,310	166	16.3%	305.7	327
40-49	50,159	182	17.9%	362.8	276
50-59	62,517	270	26.5%	431.9	232
60-69	64,923	241	23.7%	371.2	269
70+	66,568	81	7.9%	121.7	822
<b>Total</b>	<b>463,140</b>	<b>1,019</b>	<b>100.0%</b>	<b>220.0</b>	<b>455</b>
<b>Alternate Age Categories</b>					
13-24	72,155	20	2.0%	27.7	3,608
25-34	53,942	139	13.7%	257.7	388
35-44	52,311	169	16.7%	323.1	310
45-54	53,627	206	20.3%	384.1	260
55-64	67,511	315	31.0%	466.6	214
65+	97,288	166	16.4%	170.6	586
<b>Total</b>	<b>396,834</b>	<b>1,015</b>	<b>100.0%</b>	<b>255.8</b>	<b>391</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	4	***	***	***	***	***	***	***
20-29	71	***	***	***	***	***	***	***
30-39	166	124	74.7%	608	10.5%	12.1%	12.1%	65.3%
40-49	182	125	68.7%	612	10.4%	10.4%	12.8%	66.4%
50-59	270	206	76.3%	619	8.7%	16.0%	13.6%	61.7%
60-69	241	190	78.8%	612	5.3%	13.2%	15.3%	66.3%
70+	81	56	69.1%	557	5.4%	19.6%	17.9%	57.1%
<b>Total</b>	<b>1,015</b>	<b>760</b>	<b>74.9%</b>	<b>612</b>	<b>8.6%</b>	<b>13.3%</b>	<b>13.8%</b>	<b>64.3%</b>
<b>Alternate Age Categories</b>								
13-24	20	15	75.0%	576	0.0%	0.0%	20.0%	80.0%
25-34	139	106	76.3%	642	13.2%	8.5%	11.3%	67.0%
35-44	169	123	72.8%	573	12.2%	13.8%	14.6%	59.3%
45-54	206	140	68.0%	627	10.7%	14.3%	10.7%	64.3%
55-64	315	254	80.6%	624	5.5%	14.6%	15.0%	65.0%
65+	166	122	73.5%	595	5.7%	14.8%	15.6%	63.9%
<b>Total</b>	<b>1,015</b>	<b>760</b>	<b>74.9%</b>	<b>612</b>	<b>8.6%</b>	<b>13.3%</b>	<b>13.8%</b>	<b>64.3%</b>

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

**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	4	***	***	***	***
20-29	71	***	***	***	***
30-39	166	127	76.5%	85.8%	114,400
40-49	182	130	71.4%	89.2%	21,250
50-59	270	213	78.9%	90.1%	9,760
60-69	241	183	75.9%	94.0%	1,990
70+	81	59	72.8%	93.2%	480
<b>Total</b>	1,015	769	75.8%	89.1%	16,590
<b>Alternate Age Categories</b>					
13-24	20	15	75.0%	66.7%	67,500
25-34	139	103	74.1%	79.6%	11,900
35-44	169	129	76.3%	82.9%	28,500
45-54	206	150	72.8%	92.0%	7,360
55-64	315	250	79.4%	93.6%	9,685
65+	166	122	73.5%	93.4%	583
<b>Total</b>	1,015	769	75.8%	89.1%	16,590

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

## 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	203,691	13	38.2%	6.4	61.5%	***	***	100.0%	322	
Male	193,143	21	61.8%	10.9	71.4%	***	***	90.5%	322	
<b>Gender Identity</b>										
Cisgender Man or Boy	193,143	21	61.8%	10.9	71.4%	***	28.6%	90.5%	322	
Cisgender Woman or Girl	203,691	12	35.3%	5.9	***	41.7%	***	***	***	
Transgender Man or Boy	--	0	0.0%	0.0	--	--	--	--	--	
Transgender Woman or Girl	--	1	2.9%	0.0	***	***	***	***	***	
Another Gender Identity	--	0	0.0%	0.0	--	--	--	--	--	
<b>Race/Ethnicity</b>										
<b>Hispanic</b>	18,845	2	5.9%	10.6	***	***	***	***	***	
<b>Non-Hispanic</b>	377,989	32	94.1%	8.5	***	***	***	***	***	
American Indian/Alaska Native, only	1,151	0	0.0%	0.0	--	--	--	--	--	
Asian, only	6,861	0	0.0%	0.0	--	--	--	--	--	
Black, only	63,680	25	73.5%	39.3	68.0%	32.0%	28.0%	92.0%	247	
Native Hawaiian/Other Pacific Islander, only	183	0	0.0%	0.0	--	--	--	--	--	
White, only	298,990	7	20.6%	2.3	71.4%	***	***	100.0%	505	
Multiracial/Another Race	7,124	0	0.0%	0.0	--	--	--	--	--	
<b>Total</b>	396,834	34	100.0%	8.6	67.6%	26.5%	26.5%	94.1%	322	
<b>Country of Birth</b>										
<b>United States</b>	364,645	25	73.5%	6.9	64.0%	24.0%	***	92.0%	368	
<b>Foreign-Born</b>	23,698	9	26.5%	38.0	77.8%	***	55.6%	100.0%	133	
Africa	--	0	0.0%	--	--	--	--	--	--	
Asia	--	0	0.0%	--	--	--	--	--	--	
Caribbean	--	7	20.6%	--	71.4%	***	***	100.0%	222	
Central America	--	1	2.9%	--	***	***	***	***	***	
Other	--	1	2.9%	--	***	***	***	***	***	
<b>Unknown</b>	--	0	0.0%	--	--	--	--	--	--	
<b>Total</b>	388,343	34	100.0%	8.8	67.6%	26.5%	26.5%	94.1%	322	

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>	9,128	1	7.7%	11.0	9,717	1	4.8%	10.3
<b>Non-Hispanic</b>	194,563	12	92.3%	6.2	183,426	20	95.2%	10.9
American Indian/Alaska Native, only	557	0	0.0%	0.0	594	0	0.0%	0.0
Asian, only	3,730	0	0.0%	0.0	3,131	0	0.0%	0.0
Black, only	32,831	11	84.6%	33.5	30,849	14	66.7%	45.4
Native Hawaiian/Other Pacific Islander, only	78	0	0.0%	0.0	106	0	0.0%	0.0
White, only	153,701	1	7.7%	0.7	145,289	6	28.6%	4.1
Multiracial/Another Race	3,667	0	0.0%	0.0	3,457	0	0.0%	0.0
<b>Total</b>	<b>203,691</b>	<b>13</b>	<b>100.0%</b>	<b>6.4</b>	<b>193,143</b>	<b>21</b>	<b>100.0%</b>	<b>10.9</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	203,691	305	30.0%	149.7	668
Male	193,143	710	70.0%	367.6	272
<b>Gender Identity</b>					
Cisgender Man or Boy	193,143	702	69.2%	363.5	275
Cisgender Woman or Girl	203,691	303	29.9%	148.8	672
Transgender Man or Boy	--	1	0.1%	--	--
Transgender Woman or Girl	--	8	0.8%	--	--
Another Gender Identity	--	1	0.1%	--	--
<b>Race/Ethnicity</b>					
<b>Hispanic</b>	18,845	62	6.1%	329.0	304
<b>Non-Hispanic</b>	377,989	953	93.9%	252.1	397
American Indian/Alaska Native, only	1,151	0	0.0%	0.0	--
Asian, only	6,861	3	0.3%	43.7	2,287
Black, only	63,680	577	56.8%	906.1	110
Native Hawaiian/Other Pacific Islander, only	183	0	0.0%	0.0	--
White, only	298,990	305	30.0%	102.0	980
Multiracial/Another Race	7,124	68	6.7%	954.5	105
<b>Total</b>	<b>396,834</b>	<b>1,015</b>	<b>100.0%</b>	<b>255.8</b>	<b>391</b>
<b>Country of Birth</b>					
<b>United States</b>	364,645	906	89.3%	248.5	402
<b>Foreign-Born</b>	23,698	95	9.4%	400.9	249
Africa	--	15	1.5%	--	--
Asia	--	1	0.1%	--	--
Caribbean	--	53	5.2%	--	--
Central America	--	19	1.9%	--	--
Other	--	7	0.7%	--	--
<b>Unknown</b>	--	14	1.4%	--	--
<b>Total</b>	<b>388,343</b>	<b>1,015</b>	<b>100.0%</b>	<b>261.4</b>	<b>383</b>

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>	9,128	17	5.6%	186.2	9,717	45	6.3%	463.1
<b>Non-Hispanic</b>	194,563	288	94.4%	148.0	183,426	665	93.7%	362.5
American Indian/Alaska Native, only	557	0	0.0%	0.0	594	0	0.0%	0.0
Asian, only	3,730	0	0.0%	0.0	3,131	3	0.4%	95.8
Black, only	32,831	209	68.5%	636.6	30,849	368	51.8%	1,192.9
Native Hawaiian/Other Pacific Islander, only	78	0	0.0%	0.0	106	0	0.0%	0.0
White, only	153,701	60	19.7%	39.0	145,289	245	34.5%	168.6
Multiracial/Another Race	3,667	19	6.2%	518.2	3,457	49	6.9%	1,417.2
<b>Total</b>	<b>203,691</b>	<b>305</b>	<b>100.0%</b>	<b>149.7</b>	<b>193,143</b>	<b>710</b>	<b>100.0%</b>	<b>367.6</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	305	241	79.0%	643	10.4%	10.8%	9.5%	69.3%
Male	710	519	73.1%	600	7.7%	14.5%	15.8%	62.0%
<b>Gender Identity</b>								
Cisgender Man or Boy	702	513	73.1%	596	7.4%	14.6%	16.0%	62.0%
Cisgender Woman or Girl	303	239	78.9%	643	10.5%	10.9%	9.2%	69.5%
Transgender Man or Boy	1	***	***	***	***	***	***	***
Transgender Woman or Girl	8	6	75.0%	797	16.7%	0.0%	0.0%	83.3%
Another Gender Identity	1	***	***	***	***	***	***	***
<b>Race/Ethnicity</b>								
<b>Hispanic</b>	62	40	64.5%	646	15.0%	12.5%	10.0%	62.5%
<b>Non-Hispanic</b>	953	720	75.6%	612	8.2%	13.3%	14.0%	64.4%
American Indian/Alaska Native, only	0	--	--	--	--	--	--	--
Asian, only	3	***	***	***	***	***	***	***
Black, only	577	446	77.3%	608	10.1%	14.3%	10.8%	64.8%
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--	--	--	--
White, only	305	217	71.1%	620	4.1%	11.5%	22.1%	62.2%
Multiracial/Another Race	68	***	***	***	***	***	***	***
<b>Country of Birth</b>								
<b>United States</b>	906	689	76.0%	620	7.8%	12.6%	14.4%	65.2%
<b>Foreign-Born</b>	95	61	64.2%	513	18.0%	19.7%	8.2%	54.1%
Africa	15	13	86.7%	606	15.4%	15.4%	0.0%	69.2%
Asia	1	***	***	***	***	***	***	***
Caribbean	53	32	60.4%	455	18.8%	25.0%	9.4%	46.9%
Central America	19	9	47.4%	541	22.2%	22.2%	0.0%	55.6%
Other	7	***	***	***	***	***	***	***
<b>Unknown</b>	14	10	71.4%	597	0.0%	20.0%	10.0%	70.0%
<b>Total</b>	1,015	760	74.9%	612	8.6%	13.3%	13.8%	64.3%

\*\*\* 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	305	243	79.7%	88.1%	2,570
Male	710	526	74.1%	89.5%	34,400
<b>Gender Identity</b>					
Cisgender Man or Boy	702	521	74.2%	89.8%	34,400
Cisgender Woman or Girl	303	241	79.5%	88.0%	2,570
Transgender Man or Boy	1	***	***	***	***
Transgender Woman or Girl	8	5	62.5%	80.0%	6,360
Another Gender Identity	1	***	***	***	***
<b>Race/Ethnicity</b>					
<b>Hispanic</b>	62	42	67.7%	88.1%	1,560
<b>Non-Hispanic</b>	953	727	76.3%	89.1%	17,580
American Indian/Alaska Native, only	0	--	--	--	--
Asian, only	3	***	***	***	***
Black, only	577	443	76.8%	87.4%	22,500
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--
White, only	305	229	75.1%	92.1%	11,140
Multiracial/Another Race	68	***	***	***	***
<b>Country of Birth</b>					
<b>United States</b>	906	694	76.6%	89.8%	18,000
<b>Foreign-Born</b>	95	66	69.5%	81.8%	9,785
Africa	15	14	93.3%	92.9%	210
Asia	1	***	***	***	***
Caribbean	53	35	66.0%	77.1%	19,685
Central America	19	10	52.6%	90.0%	581,000
Other	7	***	***	***	***
<b>Unknown</b>	14	9	64.3%	88.9%	969
<b>Total</b>	1,015	769	75.8%	89.1%	16,590

\*\*\* 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	3,739	6,525	19,678	2,468	32,410
	Number	0	4	0	0	4
	Rate	0.0	61.3	0.0	0.0	12.3
	Ratio (1 in X)	--	1,631	--	--	8,103
13-19	Population	1,789	3,905	12,764	1,460	19,918
	Number	0	1	2	0	3
	Rate	0.0	25.6	15.7	0.0	15.1
	Ratio (1 in X)	--	3,905	6,382	--	6,639
20-29	Population	1,801	5,620	19,701	1,689	28,811
	Number	1	9	3	1	14
	Rate	55.5	160.1	15.2	59.2	48.6
	Ratio (1 in X)	1,801	624	6,567	1,689	2,058
30-39	Population	1,676	5,058	19,241	1,229	27,204
	Number	1	30	6	6	43
	Rate	59.7	593.1	31.2	488.2	158.1
	Ratio (1 in X)	1,676	169	3,207	205	633
40-49	Population	1,768	4,322	18,203	1,063	25,356
	Number	5	46	17	5	73
	Rate	282.8	1,064.3	93.4	470.4	287.9
	Ratio (1 in X)	354	94	1,071	213	347
50-59	Population	1,013	4,803	25,069	949	31,834
	Number	***	57	18	***	85
	Rate	***	1,186.8	71.8	***	267.0
	Ratio (1 in X)	***	84	1,393	***	375
60-69	Population	620	4,764	27,441	839	33,664
	Number	***	51	11	***	69
	Rate	***	1,070.5	40.1	***	205.0
	Ratio (1 in X)	***	93	2,495	***	488
70+	Population	461	4,359	31,282	802	36,904
	Number	0	15	3	0	18
	Rate	0.0	344.1	9.6	0.0	48.8
	Ratio (1 in X)	--	291	10,427	--	2,050
Total Females by Race/Ethnicity	Population	12,867	39,356	173,379	10,499	236,101
	Number	17	212	58	19	306
	Rate	132.1	538.7	33.5	181.0	129.6
	Ratio (1 in X)	757	186	2,989	553	772

\*\*\* 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	2,793	7,086	23,556	2,431	35,866
	Number	1	3	3	0	7
	Rate	35.8	42.3	12.7	0.0	19.5
	Ratio (1 in X)	2,793	2,362	7,852	--	5,124
25-34	Population	1,613	5,117	18,740	1,367	26,837
	Number	0	20	6	4	30
	Rate	0.0	390.9	32.0	292.6	111.8
	Ratio (1 in X)	--	256	3,123	342	895
35-44	Population	1,805	4,686	18,522	1,146	26,159
	Number	4	36	10	5	55
	Rate	221.6	768.2	54.0	436.3	210.3
	Ratio (1 in X)	451	130	1,852	229	476
45-54	Population	1,382	4,265	20,609	991	27,247
	Number	***	54	18	***	81
	Rate	***	1,266.1	87.3	***	297.3
	Ratio (1 in X)	***	79	1,145	***	336
55-64	Population	813	5,059	27,755	916	34,543
	Number	***	62	16	***	87
	Rate	***	1,225.5	57.6	***	251.9
	Ratio (1 in X)	***	82	1,735	***	397
65+	Population	722	6,618	44,519	1,180	53,039
	Number	***	34	7	***	45
	Rate	***	513.8	15.7	***	84.8
	Ratio (1 in X)	***	195	6,360	***	1,179
Total Females by Race/Ethnicity	Population	9,128	32,831	153,701	8,031	203,691
	Number	17	209	60	19	305
	Rate	186.2	636.6	39.0	236.6	149.7
	Ratio (1 in X)	537	157	2,562	423	668

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

**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	3,919	6,540	20,689	2,748	33,896
	Number	0	0	0	0	0
	Rate	0.0	0.0	0.0	0.0	0.0
	Ratio (1 in X)	--	--	--	--	--
13-19	Population	1,742	3,917	13,247	1,432	20,338
	Number	0	0	1	0	1
	Rate	0.0	0.0	7.5	0.0	4.9
	Ratio (1 in X)	--	--	13,247	--	20,338
20-29	Population	1,938	6,229	19,628	1,495	29,290
	Number	5	42	9	1	57
	Rate	258.0	674.3	45.9	66.9	194.6
	Ratio (1 in X)	388	148	2,181	1,495	514
30-39	Population	1,937	5,166	18,982	1,021	27,106
	Number	16	72	23	12	123
	Rate	826.0	1,393.7	121.2	1,175.3	453.8
	Ratio (1 in X)	121	72	825	85	220
40-49	Population	1,760	4,284	17,848	911	24,803
	Number	***	58	34	***	109
	Rate	***	1,353.9	190.5	***	439.5
	Ratio (1 in X)	***	74	525	***	228
50-59	Population	1,264	4,512	23,988	919	30,683
	Number	***	89	72	***	185
	Rate	***	1,972.5	300.2	***	602.9
	Ratio (1 in X)	***	51	333	***	166
60-69	Population	648	3,878	25,928	805	31,259
	Number	***	77	76	***	172
	Rate	***	1,985.6	293.1	***	550.2
	Ratio (1 in X)	***	50	341	***	182
70+	Population	428	2,863	25,668	705	29,664
	Number	***	30	30	***	63
	Rate	***	1,047.9	116.9	***	212.4
	Ratio (1 in X)	***	95	856	***	471
Total Males by Race/Ethnicity	Population	13,636	37,389	165,978	10,036	227,039
	Number	45	368	244	52	709
	Rate	330.0	984.2	147.0	518.1	312.3
	Ratio (1 in X)	303	102	680	193	320

\*\*\* 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	2,777	7,427	23,793	2,292	36,289
	Number	0	10	3	0	13
	Rate	0.0	134.7	12.6	0.0	35.8
	Ratio (1 in X)	--	743	7,931	--	2,791
25-34	Population	1,822	5,407	18,671	1,205	27,105
	Number	14	69	18	8	109
	Rate	768.4	1,276.1	96.4	663.9	402.1
	Ratio (1 in X)	130	78	1,037	151	249
35-44	Population	2,018	4,752	18,461	921	26,152
	Number	***	68	26	***	114
	Rate	***	1,431.0	140.8	***	435.9
	Ratio (1 in X)	***	70	710	***	229
45-54	Population	1,453	4,151	19,836	940	26,380
	Number	***	54	51	***	125
	Rate	***	1,300.9	257.1	***	473.8
	Ratio (1 in X)	***	77	389	***	211
55-64	Population	995	4,512	26,604	857	32,968
	Number	***	112	90	***	228
	Rate	***	2,482.3	338.3	***	691.6
	Ratio (1 in X)	***	40	296	***	145
65+	Population	652	4,600	37,924	1,073	44,249
	Number	***	55	57	***	121
	Rate	***	1,195.7	150.3	***	273.5
	Ratio (1 in X)	***	84	665	***	366
Total Males by Race/Ethnicity	Population	9,717	30,849	145,289	7,288	193,143
	Number	45	368	245	52	710
	Rate	463.1	1,192.9	168.6	713.5	367.6
	Ratio (1 in X)	216	84	593	140	272

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

## 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)	14	42.4%	79.9%	***	***	100.0%	322
Injection Drug Use (IDU)	2	4.7%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	2	6.5%	***	***	***	***	***
Heterosexual Contact (HET)	16	46.5%	69.6%	86.3%	31.6%	100.0%	322
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
<b>Total</b>	<b>34</b>	<b>100.0%</b>	<b>67.6%</b>	<b>60.0%</b>	<b>26.5%</b>	<b>94.1%</b>	<b>322</b>
<b>Female Estimated or Reported Exposure Category</b>							
Injection Drug Use (IDU)	0	0.0%	--	--	--	--	--
Heterosexual Contact (HET)	13	97.7%	62.2%	85.5%	***	100.0%	322
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
<b>Total</b>	<b>13</b>	<b>100.0%</b>	<b>61.5%</b>	<b>85.7%</b>	<b>***</b>	<b>100.0%</b>	<b>322</b>
<b>Male Estimated or Reported Exposure Category</b>							
Male-to-male Sexual Contact (MMSC)	14	68.6%	79.9%	***	***	100.0%	322
Injection Drug Use (IDU)	1	6.2%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	2	10.5%	***	***	***	***	***
Heterosexual Contact (HET)	3	14.8%	***	***	***	***	***
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
<b>Total</b>	<b>21</b>	<b>100.0%</b>	<b>71.4%</b>	<b>37.5%</b>	<b>28.6%</b>	<b>90.5%</b>	<b>322</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)	464	45.7%
Injection Drug Use (IDU)	130	12.8%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	40	3.9%
Heterosexual Contact (HET)	362	35.7%
Perinatal Transmission	15	1.5%
Other Exposure	2	0.2%
No Estimated or Reported Exposure	2	0.2%
<b>Total</b>	<b>1,015</b>	<b>100.0%</b>

Female Estimated or Reported Exposure Category		
Injection Drug Use (IDU)	53	17.3%
Heterosexual Contact (HET)	241	79.1%
Perinatal Transmission	11	3.6%
Other Exposure	0	0.0%
No Estimated or Reported Exposure	0	0.0%
<b>Total</b>	<b>305</b>	<b>100.0%</b>

Male Estimated or Reported Exposure Category		
Male-to-male Sexual Contact (MMSC)	464	65.4%
Injection Drug Use (IDU)	77	10.8%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	40	5.6%
Heterosexual Contact (HET)	121	17.0%
Perinatal Transmission	4	0.6%
Other Exposure	2	0.3%
No Estimated or Reported Exposure	2	0.3%
<b>Total</b>	<b>710</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)	31	49.2%	204	35.3%	193	63.2%
Injection Drug Use (IDU)	4	6.5%	80	13.9%	33	10.7%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	2	3.2%	22	3.8%	12	3.9%
Heterosexual Contact (HET)	25	39.5%	261	45.2%	60	19.6%
Perinatal Transmission	0	0.0%	10	1.7%	5	1.6%
Other Exposure	0	0.0%	0	0.0%	2	0.7%
No Estimated or Reported Exposure	1	1.6%	0	0.0%	1	0.3%
<b>Total</b>	<b>63</b>	<b>100.0%</b>	<b>577</b>	<b>100.0%</b>	<b>306</b>	<b>100.0%</b>
<b>Female Estimated or Reported Exposure Category</b>						
Injection Drug Use (IDU)	3	17.6%	27	13.1%	18	29.2%
Heterosexual Contact (HET)	14	82.4%	176	84.1%	38	62.5%
Perinatal Transmission	0	0.0%	6	2.9%	5	8.3%
Other Exposure	0	0.0%	0	0.0%	0	0.0%
No Estimated or Reported Exposure	0	0.0%	0	0.0%	0	0.0%
<b>Total</b>	<b>17</b>	<b>100.0%</b>	<b>209</b>	<b>100.0%</b>	<b>61</b>	<b>100.0%</b>
<b>Male Estimated or Reported Exposure Category</b>						
Male-to-male Sexual Contact (MMSC)	31	67.8%	204	55.4%	193	78.7%
Injection Drug Use (IDU)	1	2.2%	53	14.4%	15	6.1%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	2	4.4%	22	6.0%	12	4.9%
Heterosexual Contact (HET)	11	23.3%	85	23.2%	22	9.1%
Perinatal Transmission	0	0.0%	4	1.1%	0	0.0%
Other Exposure	0	0.0%	0	0.0%	2	0.8%
No Estimated or Reported Exposure	1	2.2%	0	0.0%	1	0.4%
<b>Total</b>	<b>46</b>	<b>100.0%</b>	<b>368</b>	<b>100.0%</b>	<b>245</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 (MMSM)	464	343	73.8%	606	6.1%	13.8%	17.1%	63.0%
Injection Drug Use (IDU)	130	93	72.0%	570	8.4%	16.0%	10.4%	65.3%
Male-to-male Sexual Contact and Injection Drug Use (MMSM/IDU)	40	33	81.7%	464	9.8%	28.2%	16.9%	45.1%
Heterosexual Contact (HET)	362	280	77.4%	639	11.8%	9.9%	10.8%	67.5%
Perinatal Transmission	15	10	66.7%	679	0.0%	20.0%	0.0%	80.0%
Other Exposure	2	***	***	***	***	***	***	***
No Estimated or Reported Exposure	2	***	***	***	***	***	***	***
<b>Total</b>	<b>1,015</b>	<b>760</b>	<b>74.9%</b>	<b>612</b>	<b>8.6%</b>	<b>13.3%</b>	<b>13.8%</b>	<b>64.3%</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 (MMSM)	464	347	74.7%	90.7%	19,900
Injection Drug Use (IDU)	130	89	68.3%	83.2%	6,680
Male-to-male Sexual Contact and Injection Drug Use (MMSM/IDU)	40	32	79.9%	83.4%	37,700
Heterosexual Contact (HET)	362	291	80.3%	89.8%	7,670
Perinatal Transmission	15	9	60.0%	77.8%	70,785
Other Exposure	2	***	***	***	***
No Estimated or Reported Exposure	2	***	***	***	***
<b>Total</b>	<b>1,015</b>	<b>769</b>	<b>75.8%</b>	<b>89.1%</b>	<b>16,590</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.

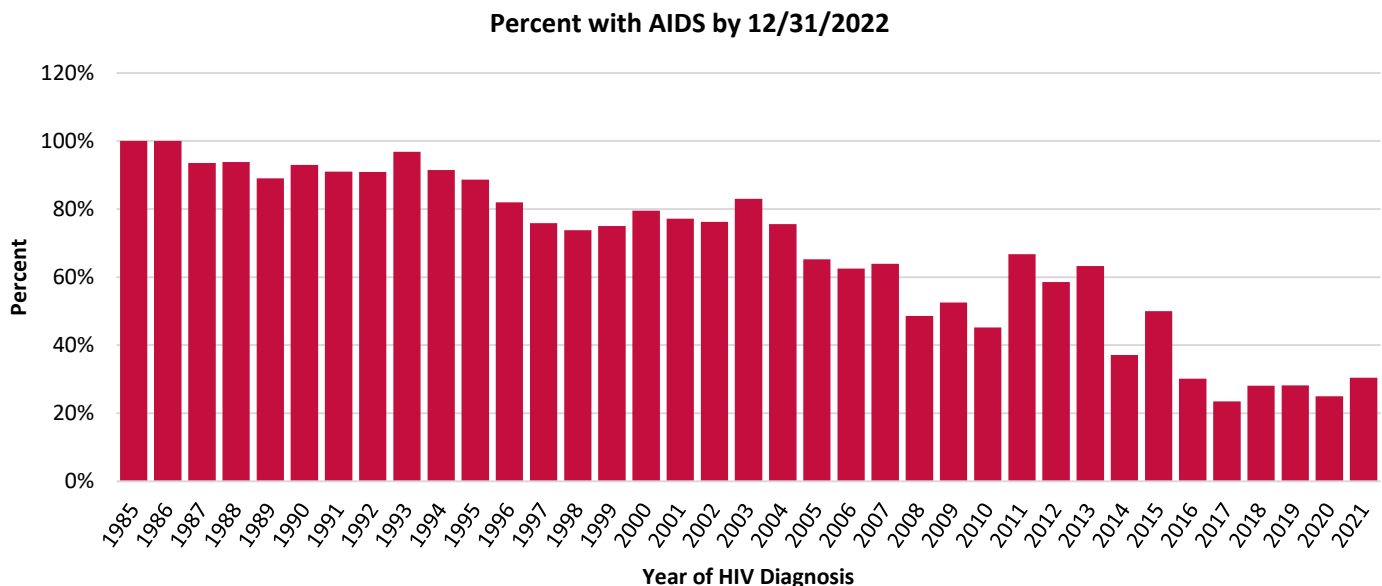
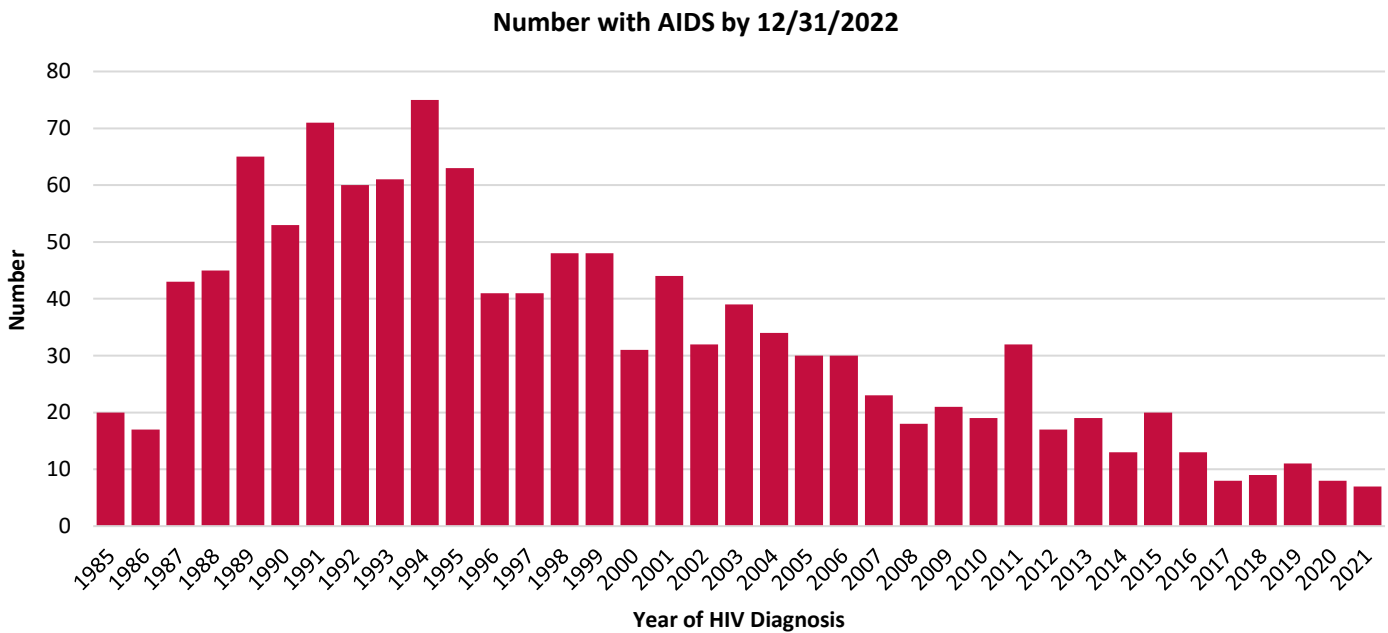
\*\*\* Data withheld due to low population counts and/or small numbers.



## 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

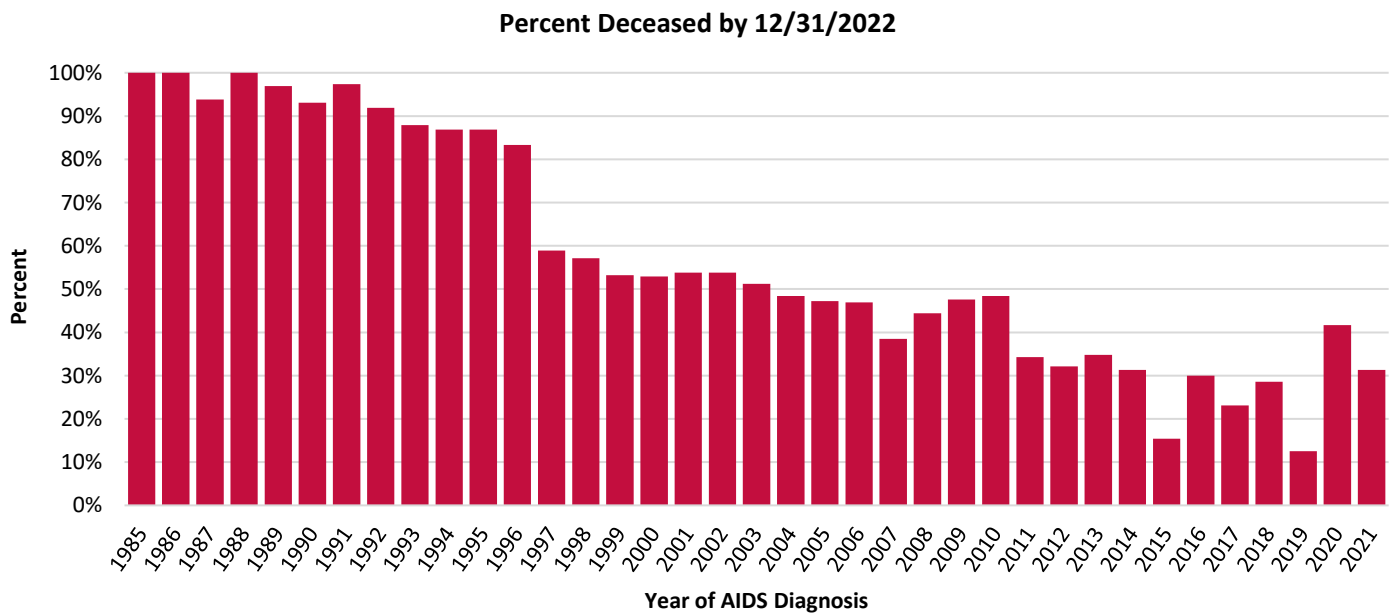
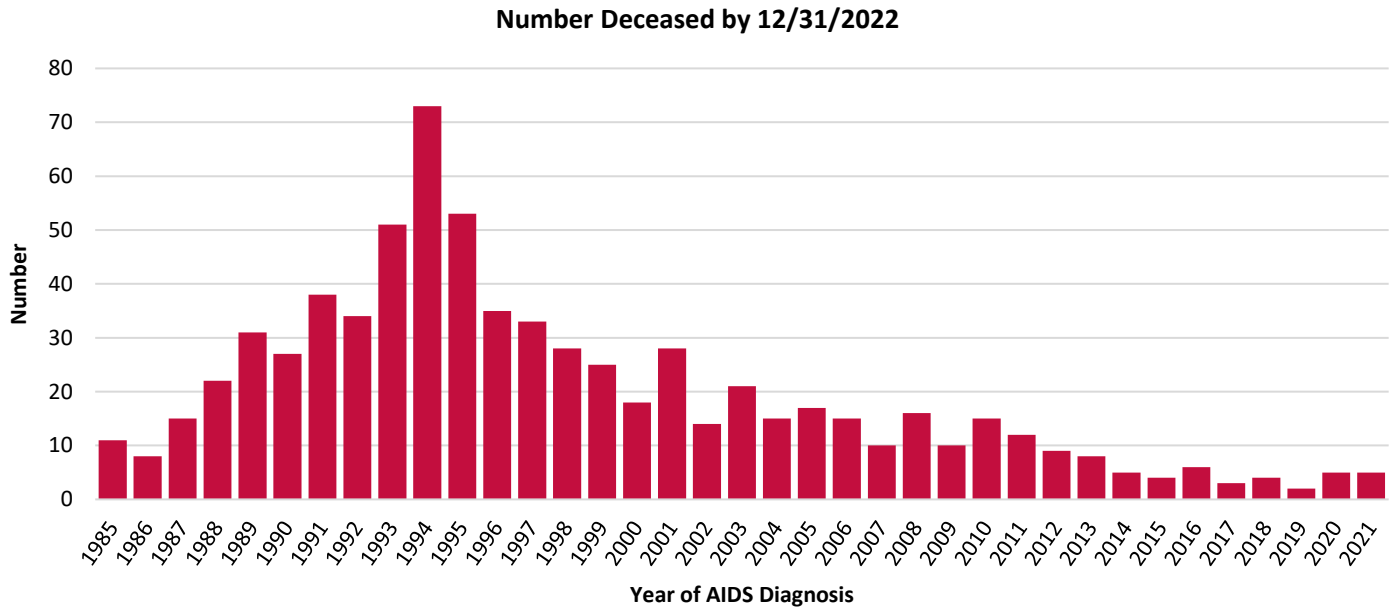


**HIV Diagnoses among People Aged 13+**

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	9	9	100.0%	2.4	77.8%	77.8%	77.8%	88.9%
1985	20	20	100.0%	3.8	60.0%	60.0%	65.0%	90.0%
1986	17	17	100.0%	3.1	52.9%	58.8%	76.5%	94.1%
1987	46	43	93.5%	4.8	34.8%	34.8%	58.7%	78.3%
1988	48	45	93.8%	3.9	50.0%	52.1%	68.8%	79.2%
1989	73	65	89.0%	3.7	39.7%	45.2%	58.9%	84.9%
1990	57	53	93.0%	4.4	33.3%	38.6%	57.9%	84.2%
1991	78	71	91.0%	3.3	43.6%	48.7%	65.4%	84.6%
1992	66	60	90.9%	4.6	40.9%	47.0%	63.6%	78.8%
1993	63	61	96.8%	2.3	55.6%	69.8%	84.1%	92.1%
1994	82	75	91.5%	2.1	64.6%	69.5%	78.0%	84.1%
1995	71	63	88.7%	2.9	54.9%	60.6%	73.2%	83.1%
1996	50	41	82.0%	3.1	44.0%	48.0%	60.0%	76.0%
1997	54	41	75.9%	1.7	57.4%	61.1%	70.4%	72.2%
1998	65	48	73.8%	4.3	40.0%	41.5%	50.8%	58.5%
1999	64	48	75.0%	1.8	57.8%	59.4%	64.1%	70.3%
2000	39	31	79.5%	2.4	51.3%	51.3%	66.7%	71.8%
2001	57	44	77.2%	1.2	59.6%	63.2%	68.4%	77.2%
2002	42	32	76.2%	2.4	47.6%	59.5%	64.3%	69.0%
2003	47	39	83.0%	1.7	61.7%	63.8%	72.3%	80.9%
2004	45	34	75.6%	2.6	48.9%	48.9%	60.0%	71.1%
2005	46	30	65.2%	1.7	52.2%	52.2%	56.5%	60.9%
2006	48	30	62.5%	1.8	47.9%	47.9%	54.2%	60.4%
2007	36	23	63.9%	1.0	52.8%	52.8%	61.1%	63.9%
2008	37	18	48.6%	2.7	29.7%	32.4%	35.1%	45.9%
2009	40	21	52.5%	0.9	47.5%	47.5%	47.5%	52.5%
2010	42	19	45.2%	1.6	31.0%	33.3%	35.7%	45.2%
2011	48	32	66.7%	1.5	52.1%	54.2%	58.3%	62.5%
2012	29	17	58.6%	1.4	44.8%	48.3%	51.7%	58.6%
2013	30	19	63.3%	1.3	53.3%	53.3%	56.7%	--
2014	35	13	37.1%	1.0	31.4%	31.4%	34.3%	--
2015	40	20	50.0%	0.7	45.0%	45.0%	47.5%	--
2016	43	13	30.2%	0.6	25.6%	27.9%	30.2%	--
2017	34	8	23.5%	0.8	17.6%	20.6%	23.5%	--
2018	32	9	28.1%	1.3	18.8%	18.8%	--	--
2019	39	11	28.2%	0.1	28.2%	28.2%	--	--
2020	32	8	25.0%	0.7	18.8%	18.8%	--	--
2021	23	7	30.4%	0.2	26.1%	--	--	--
<b>Total</b>	<b>1,727</b>	<b>1,238</b>	<b>71.7%</b>	<b>2.6</b>	<b>45.3%</b>	<b>48.5%</b>	<b>57.6%</b>	<b>66.8%</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



**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	7	7	100.0%	0.4	14.3%	0.0%	0.0%	0.0%
1985	11	11	100.0%	0.5	27.3%	0.0%	0.0%	0.0%
1986	8	8	100.0%	0.9	37.5%	25.0%	0.0%	0.0%
1987	16	15	93.8%	2.6	62.5%	43.8%	12.5%	12.5%
1988	22	22	100.0%	1.9	63.6%	31.8%	9.1%	0.0%
1989	32	31	96.9%	2.4	59.4%	46.9%	15.6%	6.3%
1990	29	27	93.1%	2.7	75.9%	51.7%	24.1%	6.9%
1991	39	38	97.4%	2.4	71.8%	41.0%	17.9%	5.1%
1992	37	34	91.9%	3.0	62.2%	40.5%	18.9%	16.2%
1993	58	51	87.9%	3.2	79.3%	55.2%	29.3%	17.2%
1994	84	73	86.9%	4.7	75.0%	63.1%	40.5%	25.0%
1995	61	53	86.9%	5.5	72.1%	62.3%	47.5%	27.9%
1996	42	35	83.3%	7.1	78.6%	73.8%	54.8%	35.7%
1997	56	33	58.9%	7.5	89.3%	82.1%	71.4%	57.1%
1998	49	28	57.1%	5.8	85.7%	81.6%	65.3%	53.1%
1999	47	25	53.2%	6.1	95.7%	89.4%	74.5%	55.3%
2000	34	18	52.9%	7.1	85.3%	79.4%	70.6%	67.6%
2001	52	28	53.8%	5.9	80.8%	78.8%	71.2%	61.5%
2002	26	14	53.8%	6.1	80.8%	76.9%	69.2%	65.4%
2003	41	21	51.2%	4.1	78.0%	70.7%	65.9%	53.7%
2004	31	15	48.4%	5.8	90.3%	83.9%	77.4%	61.3%
2005	36	17	47.2%	5.2	83.3%	83.3%	72.2%	63.9%
2006	32	15	46.9%	3.1	78.1%	75.0%	65.6%	53.1%
2007	26	10	38.5%	5.2	88.5%	88.5%	76.9%	69.2%
2008	36	16	44.4%	4.0	83.3%	80.6%	72.2%	58.3%
2009	21	10	47.6%	2.8	71.4%	66.7%	66.7%	57.1%
2010	31	15	48.4%	7.2	93.5%	90.3%	87.1%	67.7%
2011	35	12	34.3%	4.4	91.4%	91.4%	80.0%	65.7%
2012	28	9	32.1%	1.9	82.1%	78.6%	71.4%	67.9%
2013	23	8	34.8%	4.2	82.6%	82.6%	82.6%	--
2014	16	5	31.3%	1.2	75.0%	75.0%	75.0%	--
2015	26	4	15.4%	5.4	100.0%	100.0%	96.2%	--
2016	20	6	30.0%	1.5	85.0%	80.0%	70.0%	--
2017	13	3	23.1%	1.4	92.3%	84.6%	76.9%	--
2018	14	4	28.6%	0.4	78.6%	71.4%	--	--
2019	16	2	12.5%	0.5	87.5%	87.5%	--	--
2020	12	5	41.7%	0.8	75.0%	66.7%	--	--
2021*	16	5	31.3%	0.4	68.8%	--	--	--
<b>Total</b>	<b>1,183</b>	<b>733</b>	<b>62.0%</b>	<b>4.3</b>	<b>79.1%</b>	<b>70.2%</b>	<b>57.0%</b>	<b>45.8%</b>

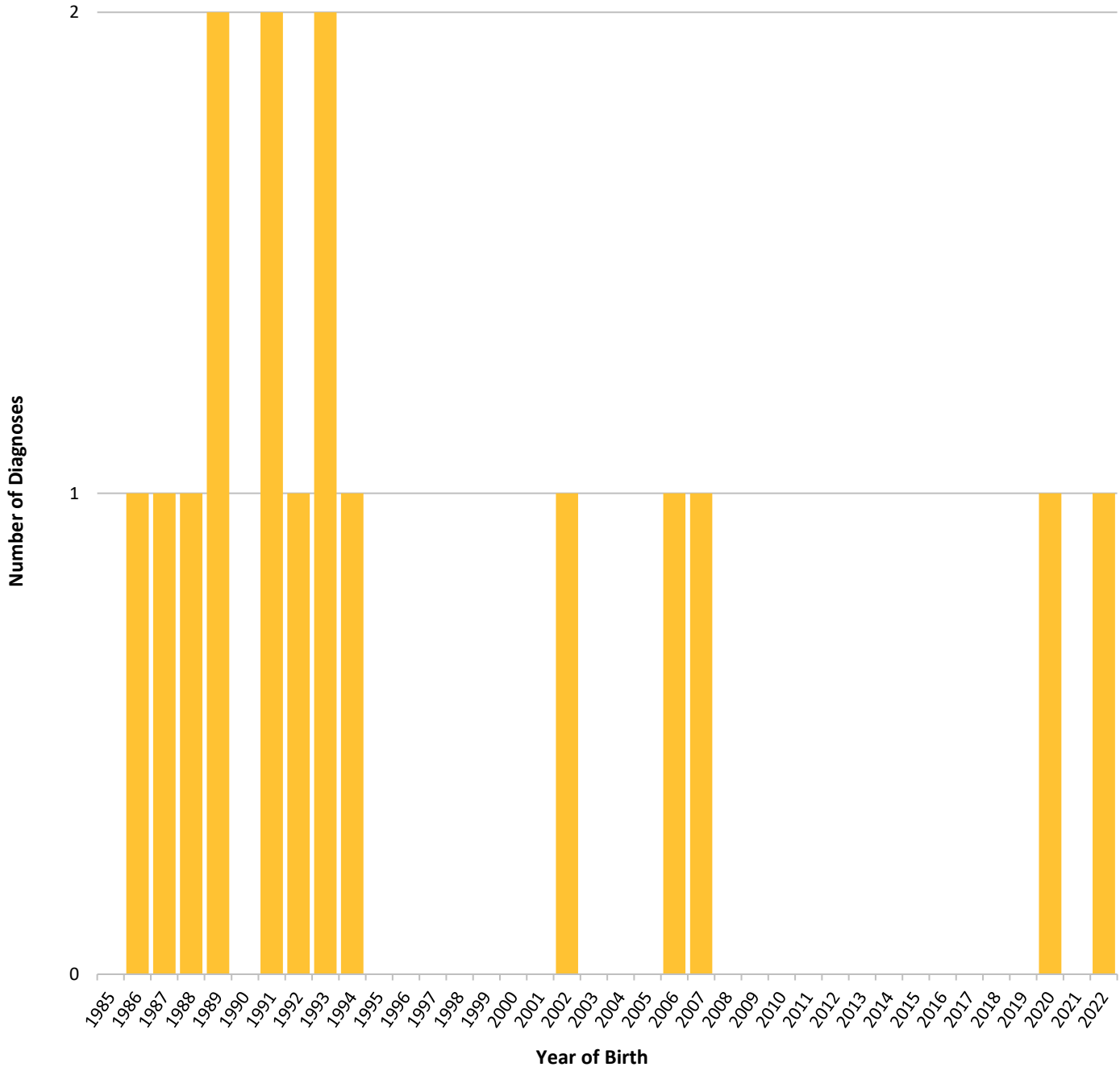
\*2021 deaths among AIDS diagnoses are preliminary.

## 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

### Pediatric Reported HIV Diagnoses



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	6	0	0	0	--
1985	0	1	1	0	1
1986	1	1	0	0	2
1987	1	0	0	0	2
1988	1	1	0	0	3
1989	2	0	0	1	2
1990	0	1	0	0	3
1991	2	5	1	0	8
1992	1	3	2	1	10
1993	2	1	1	0	11
1994	1	1	2	0	12
1995	0	0	0	2	10
1996	0	1	2	1	8
1997	0	0	0	0	8
1998	0	1	1	0	8
1999	0	0	0	0	8
2000	0	0	0	0	8
2001	0	0	1	0	8
2002	1	0	1	0	8
2003	0	0	0	0	8
2004	0	1	0	0	9
2005	0	0	0	0	9
2006	1	0	0	1	8
2007	1	1	0	0	9
2008	0	0	0	0	9
2009	0	1	0	0	10
2010	0	1	0	0	12
2011	0	0	0	0	12
2012	0	0	0	0	12
2013	0	0	1	0	11
2014	0	0	0	0	11
2015	0	0	0	0	11
2016	0	0	0	0	12
2017	0	0	0	0	12
2018	0	0	0	0	12
2019	0	0	0	0	12
2020	1	0	0	0	12
2021	0	1	1	0	13
2022	1	1	0	0	14
<b>Total</b>	22	22	14	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
Caroline	0	0.0%
Cecil	2	50.0%
Dorchester	1	25.0%
Kent	0	0.0%
Queen Anne's	0	0.0%
Somerset	0	0.0%
Talbot	0	0.0%
Wicomico	1	25.0%
Worcester	0	0.0%
<b>Total</b>	<b>4</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	4	100.0%
Male	0	0.0%
<b>Race/Ethnicity</b>		
<b>Hispanic</b>	0	0.0%
<b>Non-Hispanic</b>	4	100.0%
American Indian/Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	4	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>4</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 each 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.