

2023

MARYLAND ANNUAL HIV EPIDEMIOLOGICAL PROFILE

Data reported through
June 30, 2024

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



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Section I – Summary of Analyses and Technical Notes

Highlights of Analyses

The Maryland Department of Health (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 in this report are per 100,000 population.

HIV Diagnoses

During 2023, there were 714 reported HIV diagnoses in Maryland. Data presented below describe HIV diagnoses in Maryland, among people ages 13 years and older, during 2023.

- Geographic distribution: Prince George's County accounted for the highest number and proportion (194, 27.2%) of HIV diagnoses. The rate was highest in Baltimore City (34.6).
- Age: People aged 20-39 years accounted for the highest number and proportion (466, 65.1%) of HIV diagnoses as well as the highest rate (29.2).
- Assigned Sex at Birth: Males accounted for the highest number and proportion (551, 77.2%) of HIV diagnoses. The rate among males was 21.9.
- Race and Ethnicity: Non-Hispanic Black people accounted for the highest number and proportion of HIV diagnoses (464, 65.0%) as well as the highest rate (29.4).
- Exposure Category: Males with male sexual contact exposure accounted for the highest number and proportion (388, 54.4%) of HIV diagnoses.

People Living with Diagnosed HIV

At the end of 2023, there were 31,956 people living with diagnosed HIV in Maryland. Data presented below describe people living with diagnosed HIV, aged 13 years and older, in Maryland.

- Geographic distribution: Baltimore City accounted for the highest number and proportion (9,805, 30.7%) of people living with diagnosed HIV as well as the highest rate (2,044.1).
- Age: People aged 50+ years accounted for the highest number and proportion (17,354, 54.3%) of people living with diagnosed HIV as well as the highest rate (761.3).
- Assigned Sex at Birth: Males accounted for the highest number and proportion (21,251, 66.5%) of people living with diagnosed HIV as well as the highest rate (845.3).
- Race and Ethnicity: Non-Hispanic Black people accounted for the highest number and proportion (23,556, 73.7%) of the people living with diagnosed HIV. Non-Hispanic Multiracial or Another Race people accounted for the highest rate (1,496.4).
- Exposure Category: Males with male sexual contact accounted for the highest number and proportion (13,367, 41.8%) of people living with diagnosed HIV.

Engagement in HIV Care

- HIV Diagnosed: Among people living with HIV in Maryland, it is estimated that 93.0 percent have been diagnosed and an estimated 2,405 people with HIV remain undiagnosed.
- Linked to Care: During 2023, 87.4 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, 75.4 percent were retained in care during 2023.
- Viral Suppression: In 2023, 66.6 percent of people living with HIV achieved viral suppression.

Technical Notes

HIV Reporting

Maryland law requires that people living with diagnosed HIV be reported by name to MDH. As per the reporting requirements of Health-General Article §§ 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 infants born to people 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:

Additions

- Data describing people newly diagnosed with HIV by sexual orientation has been added to the demographics section.
- Data describing the number of people living with diagnosed HIV that are virally suppressed has been added to data tables describing viral suppression.
- Data tables have been updated to categorize people diagnosed with HIV by stage of HIV.
- Data describing people newly diagnosed with HIV by health insurance status has been added.
- Data by HIV care provider type for people newly diagnosed with HIV have been added.

Changes to Existing Tables

- Data tables beneath the HIV care continua by select demographics will replace the cumulative care continuum table that previously succeeded the HIV care continuum figures.

- The data suppression rules have been updated. Please see the [Data Suppression](#) section below for more information.

Exclusions

- Late HIV diagnosis has been replaced by Stage 3 (AIDS) at HIV diagnosis.
- Recent CD4 results have been replaced by the stages of HIV.
- Laboratory data describing the median CD4 count has been removed.
- The section for people aged <13 living with diagnosed HIV has been moved to a separate report.

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 2023 and for people who were living with HIV and were current residents of Maryland as of December 31, 2023. Data presented were reported to the MDH through June 30, 2024.

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, sexual orientation, 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 at the end of this report.

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 numbers 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).
- 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 12.8 percent in the United States.¹ Applying the same estimation method to Maryland surveillance data, the estimated number of people living with undiagnosed HIV in Maryland is 7.0 percent in 2022. Estimates for 2022 are preliminary.

Stages of HIV

Without treatment, HIV progresses in stages defined by age-specific CD4 lymphocyte counts or CD4 percentages of total lymphocytes. CD4+ T-lymphocyte tests are measures of a person's immune system function. The stages for people aged 13+ are defined as²:

- **Stage 0 (Acute HIV):** First positive HIV test result within 6 months after a negative HIV test result. The stage remains stage 0 until 6 months after the first positive test result. After 6 months, the stage may be classified as 1, 2, 3, or unknown, based on a CD4 test result or the diagnosis of an opportunistic infection.
- **Stage 1:** CD4 lymphocyte count of ≥ 500 or a CD4 percentage of total lymphocytes of ≥ 26 .
- **Stage 2:** CD4 lymphocyte count of 200-499 or a CD4 percentage of total lymphocytes of 14-25.
- **Stage 3 (AIDS):** CD4 lymphocyte count of < 200 or a CD4 percentage of total lymphocytes of < 14 , or documentation of an opportunistic infection.

This stage represents a person who has an AIDS diagnosis at this point.

- **Stage Unknown:** No reported information on opportunistic infections and no information available on CD4 count or percentage.

Stage of HIV at Diagnosis is determined by the first CD4 test after HIV diagnosis or an opportunistic infection diagnosis documented prior to the first CD4 test.

With treatment, a person's viral load levels can be reduced, their CD4 levels can rebound, and their opportunistic infections can resolve. Therefore, their HIV stage can change. Current Stage of HIV is determined by the most recent CD4 test or the presence of an opportunistic infection during 2023. A person who ever was in HIV Stage 3 (AIDS) will continue to be considered to have an AIDS diagnosis, even if they no longer are classified as HIV Stage 3.

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, particularly for 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

¹Centers for Disease Control and Prevention. Estimated HIV Incidence and Prevalence in the United States, 2018–2022. HIV Surveillance Supplemental Report 2024;29(No. 1). <https://stacks.cdc.gov/view/cdc/156513>. Published May 2024. Accessed August 2024.

²Centers for Disease Control and Prevention. Diagnoses, deaths, and prevalence of HIV in the United States and 6 territories and freely associated states, 2022. HIV Surveillance Report, 2022; vol. 35. <https://stacks.cdc.gov/view/cdc/156509>. Published May 2024. Accessed August 2024.

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, 2014. Restricting address data to the most recent 10 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.

All address data is geocoded to ensure accuracy. Geocoding is the process of assigning geographic identifiers to map features and data records. Addresses are standard data elements 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.

People experiencing homelessness are reported as living in the city or town where the shelter or care facility reporting the diagnosis is located.

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

Gender identity is different from assigned sex at birth. 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. Due to the low numbers, to protect the confidentiality of gender minorities living with diagnosed HIV, this report does not include a continuum of HIV care by gender. Please refer to the Maryland HIV Epidemiological Profile Gender Diverse People Supplement for additional information on gender diverse people living with HIV in Maryland.

Sexual Orientation

Systematic data collection of sexual orientation began recently and so is only described for people newly diagnosed with HIV. An individual's reported sexual orientation is independent of their gender identity and their reported or estimated HIV exposure. Due to small cell sizes and to protect the confidentiality of people with diagnosed HIV, this data is only available at the state level.

Race and Ethnicity

The completeness of reporting for race and ethnicity is variable in surveillance data. Definitions of race and ethnicity categories may vary across reporting sources and some reporting sources do not collect or have complete data on race and ethnicity. In this report, Hispanic or 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. Males who report a history of sexual contact with other males and report injection drug use constitutes a separate transmission category. Transmission categories are listed in hierarchical order throughout the tables included in this profile.

Health Insurance Status

The completeness of health insurance status varies in surveillance data. Insurance status is not always collected nor reported. The first reported primary health insurance status after HIV diagnosis and the most recent reported primary health insurance status is described for people newly diagnosed with HIV. Generally, only primary health insurance is reported, therefore dual enrollment and other secondary insurance is not captured in this profile. This data is only available at the state level due to small cell sizes and confidentiality.

HIV Care Facilities

Facility information is provided by the reporting entity, which could be hospitals, private health care providers, commercial laboratories, health departments, or community-based organizations. Most facility information is reported via electronic laboratory reports from commercial laboratories and may be incomplete or inaccurate. In addition, HIV care reported from unaffiliated physicians, physicians without a listed facility, private offices, or small medical clinics are categorized as "Private Office – [name of town or city]." The reported facility information may be incomplete, physicians may practice in multiple locations, and clinical practices may change names or locations, all of which may lead to mis-categorization of facilities.

Sources of Data

Information on HIV diagnoses and stage of HIV, including HIV Stage 3 (AIDS), residence, age, race and ethnicity, assigned sex at birth, gender identity, sexual orientation, 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, 2024.

Population data by sex, age, and race and ethnicity are from the July 1, 2023 United States Census Estimates. Population data by country-of-birth are from the Census Bureau's 2022 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

Data are suppressed to protect the confidentiality of people living with HIV. At the state level, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g., jurisdiction) with a population less than 1,000 people.
- All clinical/laboratory test result values if it is describing less than five people.

At all other geographic levels:

- Data describing a demographic group or geographic area (e.g., ZIP code) with a population less than 1,000 people.
- All clinical/laboratory test result values if it is describing less than five people and care engagement data if it is describing one person.
- Tables describing new HIV diagnoses by ZIP code will exclude ZIP codes with fewer five diagnoses in the specified year.

If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

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.

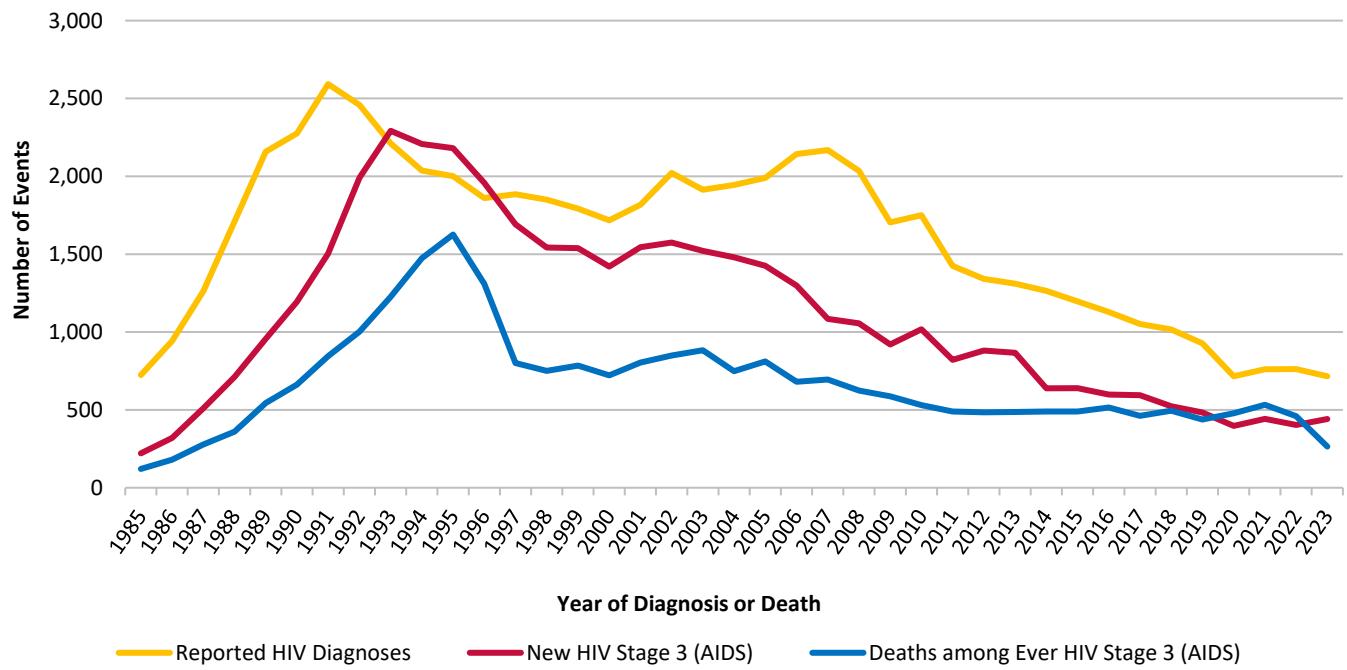
Multiple Imputation

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 number.

Section II – HIV Trends in Maryland 1985-2023

Figure 1 – Trends in HIV Diagnoses, New HIV Stage 3 (AIDS), and HIV Stage 3 (AIDS) Deaths, among Residents at Diagnosis, 1985-2023, Reported through June 30, 2024

People Diagnosed with HIV (Reported HIV Diagnoses) by Year of HIV Diagnosis, People Diagnosed with HIV with a New Classification of HIV Stage 3 (AIDS) (New HIV Stage 3 (AIDS)) by Year of New HIV Stage 3 (AIDS), and People Diagnosed with HIV and Ever Classified as HIV Stage 3 (AIDS) Reported to have Died of Any Cause (Deaths among Ever HIV Stage 3 (AIDS)) by Year of Death, from 1985 through 2023, as Reported through June 30, 2024

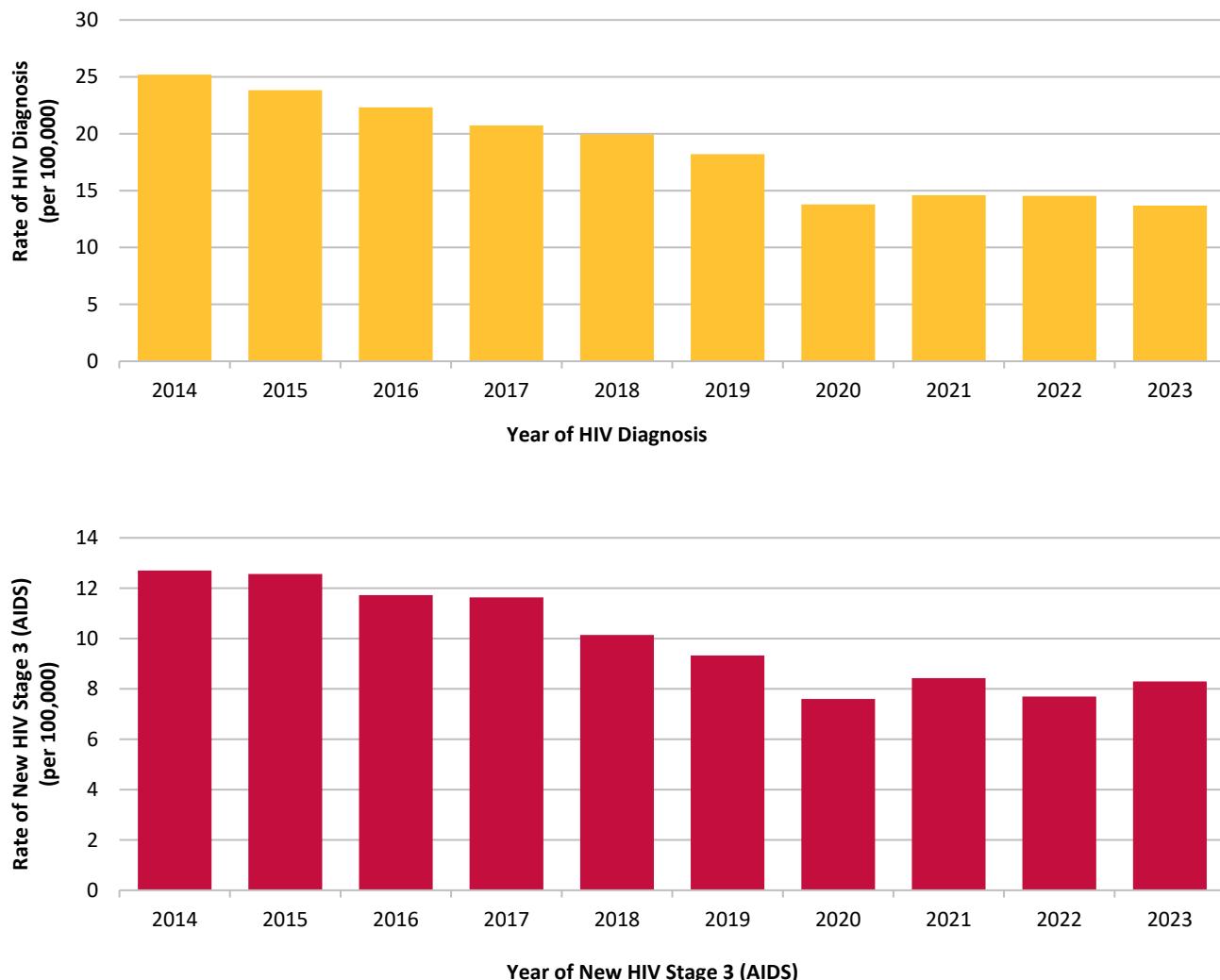


Year of Diagnosis or Death	HIV Diagnoses	New HIV Stage 3 (AIDS)	Deaths among Ever HIV Stage 3 (AIDS)	Year of Diagnosis or Death	HIV Diagnoses	New HIV Stage 3 (AIDS)	Deaths among Ever HIV Stage 3 (AIDS)
<1985	385	150	72	2005	1,990	1,426	811
1985	724	221	121	2006	2,143	1,298	681
1986	943	320	180	2007	2,169	1,085	695
1987	1,262	510	278	2008	2,035	1,056	624
1988	1,709	712	360	2009	1,704	920	587
1989	2,158	956	544	2010	1,750	1,018	531
1990	2,275	1,194	662	2011	1,425	821	490
1991	2,592	1,504	845	2012	1,341	881	485
1992	2,458	1,991	1,002	2013	1,311	867	487
1993	2,212	2,292	1,226	2014	1,264	639	490
1994	2,037	2,208	1,474	2015	1,197	640	490
1995	2,001	2,181	1,626	2016	1,129	599	515
1996	1,860	1,958	1,310	2017	1,052	594	462
1997	1,885	1,692	801	2018	1,017	524	495
1998	1,850	1,543	751	2019	927	483	438
1999	1,792	1,539	785	2020	716	397	478
2000	1,717	1,421	722	2021	761	442	533
2001	1,817	1,545	804	2022*	762	403	460
2002	2,022	1,575	849	2023*	716	441	265
2003	1,914	1,521	883	Total	62,967	43,047	26,061
2004	1,945	1,480	749				

*2022-2023 reported deaths among ever HIV Stage 3 (AIDS) are preliminary.

Figure 1A – Trends in Rates of HIV Diagnoses and New HIV Stage 3 (AIDS), among Residents at Diagnosis Aged 13+, 2014-2023, Reported through June 30, 2024

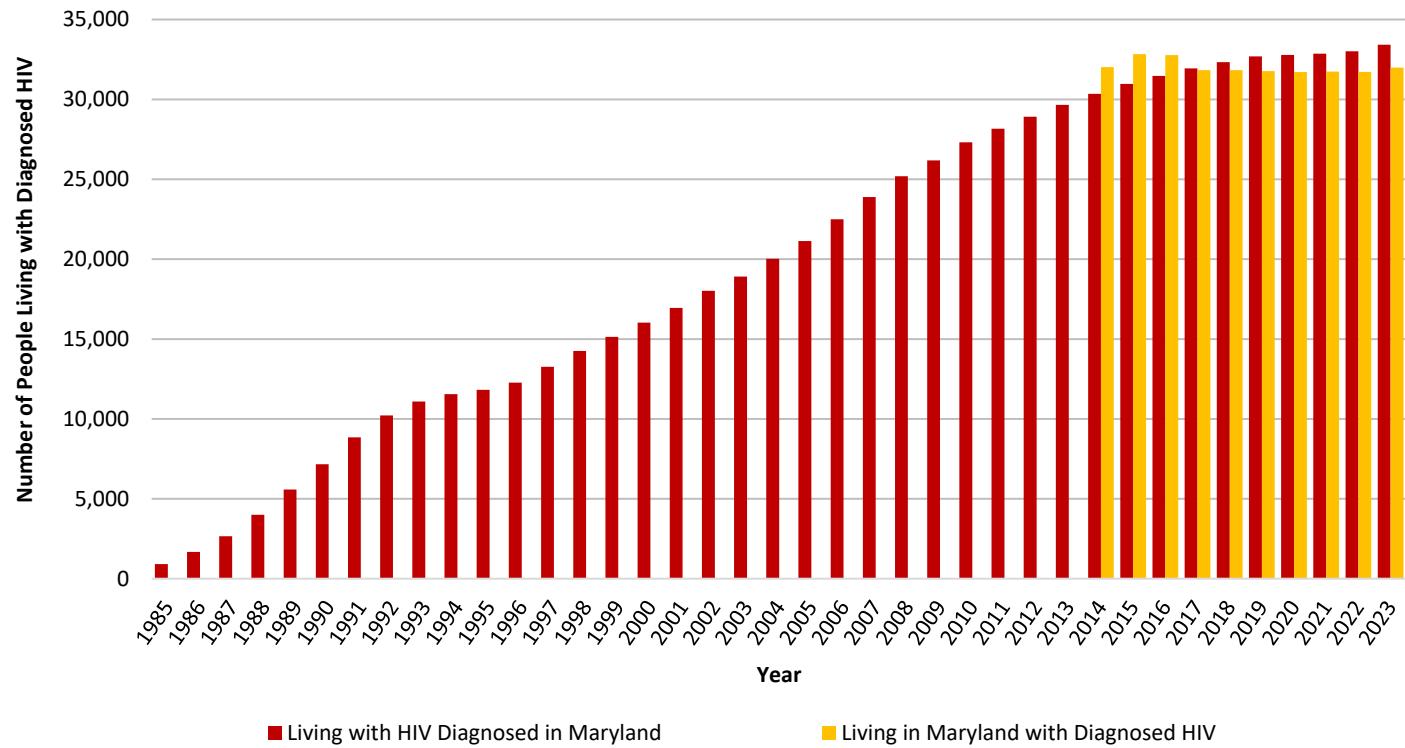
Rates of Reported HIV Diagnoses and People Diagnosed with HIV with a New Classification of HIV Stage 3 (AIDS), Aged 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 2014 through 2023, as Reported through June 30, 2024



Year of Diagnosis	Population Aged 13+	Diagnoses among People Aged 13+			
		HIV Diagnoses		New HIV Stage 3 (AIDS)	
		Number	Rate	Number	Rate
2014	4,992,540	1,258	25.2	634	12.7
2015	5,021,929	1,197	23.8	631	12.6
2016	5,040,917	1,125	22.3	591	11.7
2017	5,063,009	1,049	20.7	589	11.6
2018	5,078,738	1,013	19.9	515	10.1
2019	5,093,122	927	18.2	475	9.3
2020	5,183,850	715	13.8	394	7.6
2021	5,197,973	759	14.6	438	8.4
2022	5,196,450	756	14.5	400	7.7
2023	5,219,447	714	13.7	433	8.3

Figure 2 – Trends in People Living with Diagnosed HIV, among Residents at Diagnosis, 1985-2023, and for Current Residence, 2014-2023, Reported through June 30, 2024

People Living with Diagnosed HIV and Not Reported to have Died as of December 31st of Each Year, Diagnosed in Maryland from 1985 through 2023, Regardless of Current Residence (Living with HIV Diagnosed in Maryland), and Living in Maryland from 2014 through 2023, Regardless of Residence at Diagnosis (Living in Maryland with Diagnosed HIV), as Reported through June 30, 2024

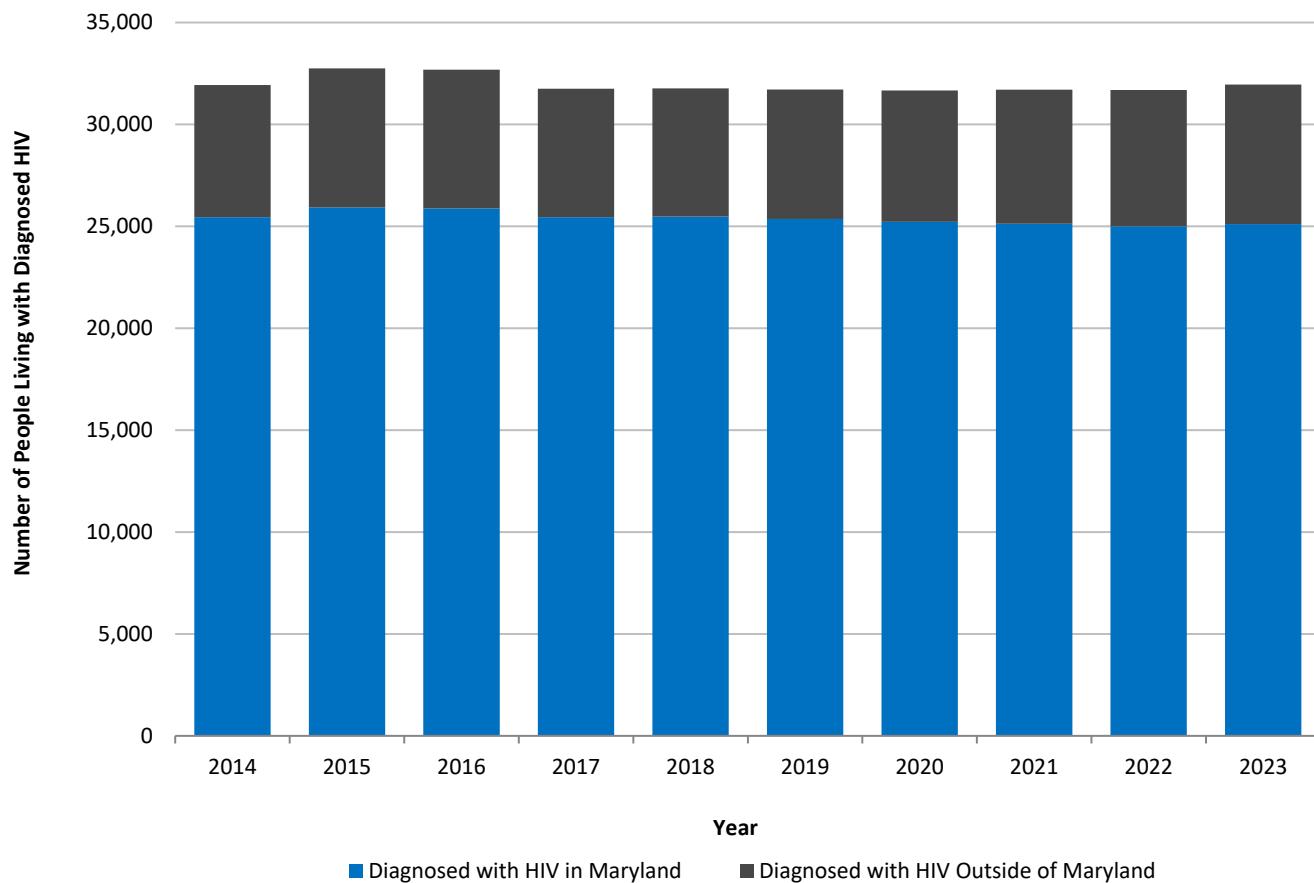


Year	People Living with Diagnosed HIV		Year	People Living with Diagnosed HIV	
	Living with HIV Diagnosed in Maryland	Living in Maryland with Diagnosed HIV		Living with HIV Diagnosed in Maryland	Living in Maryland with Diagnosed HIV
1985	917	--	2005	21,139	--
1986	1,676	--	2006	22,500	--
1987	2,662	--	2007	23,887	--
1988	3,995	--	2008	25,186	--
1989	5,578	--	2009	26,185	--
1990	7,162	--	2010	27,315	--
1991	8,845	--	2011	28,166	--
1992	10,216	--	2012	28,916	--
1993	11,085	--	2013	29,654	--
1994	11,548	--	2014	30,344	32,024
1995	11,822	--	2015	30,965	32,828
1996	12,274	--	2016	31,473	32,768
1997	13,266	--	2017	31,942	31,829
1998	14,255	--	2018	32,335	31,832
1999	15,136	--	2019	32,691	31,767
2000	16,031	--	2020	32,786	31,711
2001	16,946	--	2021	32,859	31,741
2002	18,016	--	2022	33,012	31,719
2003	18,915	--	2023	33,426	31,987

Note. Current residents describe 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, 2014-2023, Reported through June 30, 2024

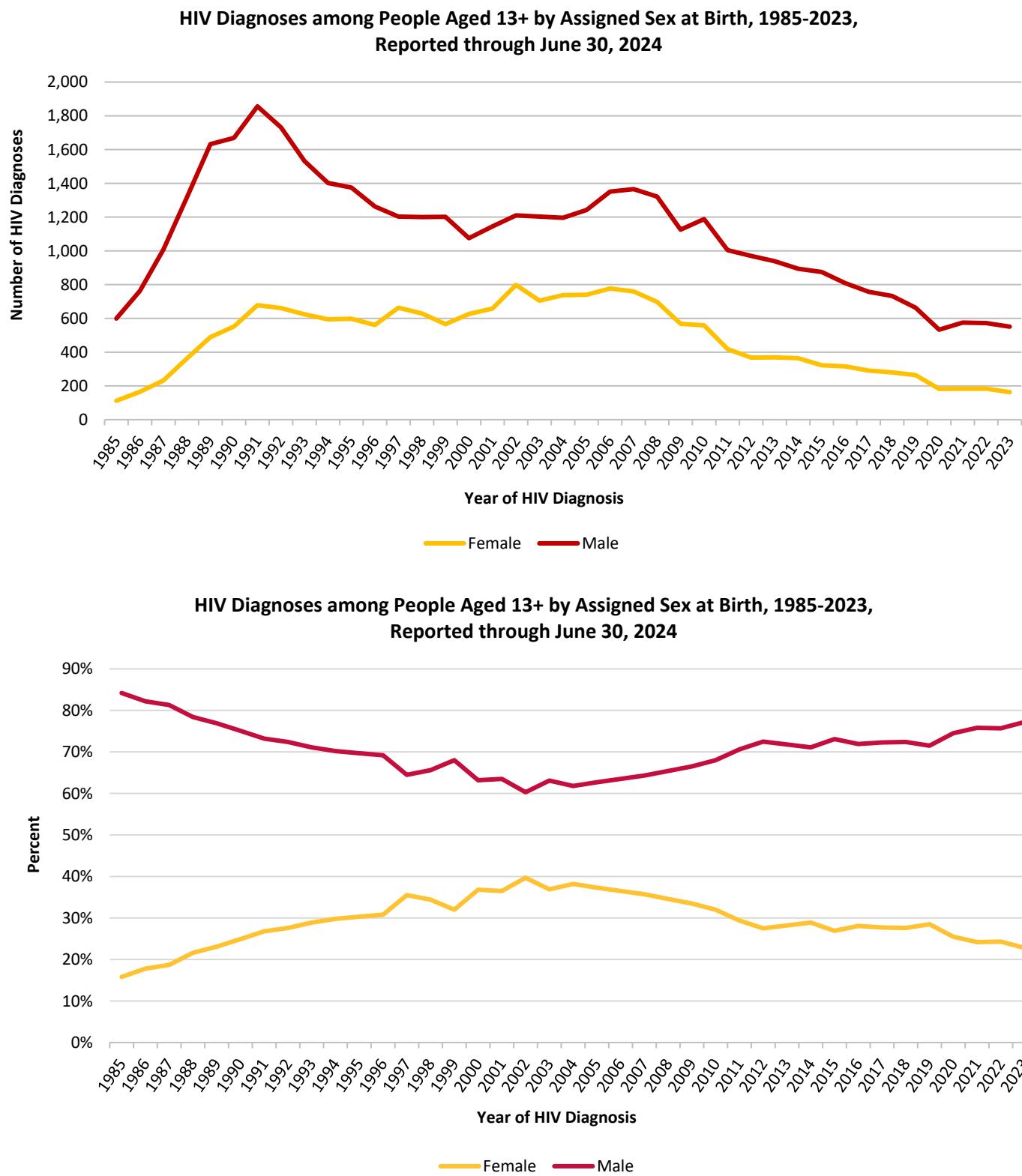
People Living with Diagnosed HIV in Maryland and Not Reported to have Died as of December 31st of Each Year from 2014 through 2023, by Residence at Diagnosis, as Reported through June 30, 2024



Maryland Residents Aged 13+ as of December 31st of the Specified Year					
Year	Population Aged 13+	Diagnosed with HIV in Maryland	Diagnosed with HIV Outside of Maryland	Total Diagnosed with HIV	Rate
2014	4,992,540	25,447	6,485	31,932	639.6
2015	5,021,929	25,924	6,827	32,751	652.2
2016	5,040,917	25,878	6,808	32,686	648.4
2017	5,063,009	25,447	6,307	31,754	627.2
2018	5,078,738	25,481	6,288	31,769	625.5
2019	5,093,122	25,364	6,352	31,716	622.7
2020	5,183,850	25,224	6,444	31,668	610.9
2021	5,197,973	25,127	6,581	31,708	610.0
2022	5,196,450	24,997	6,688	31,685	609.7
2023	5,219,447	25,110	6,846	31,956	612.2

Figure 4 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Assigned Sex at Birth, 1985-2023, Reported through June 30, 2024

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 2023, as Reported through June 30, 2024

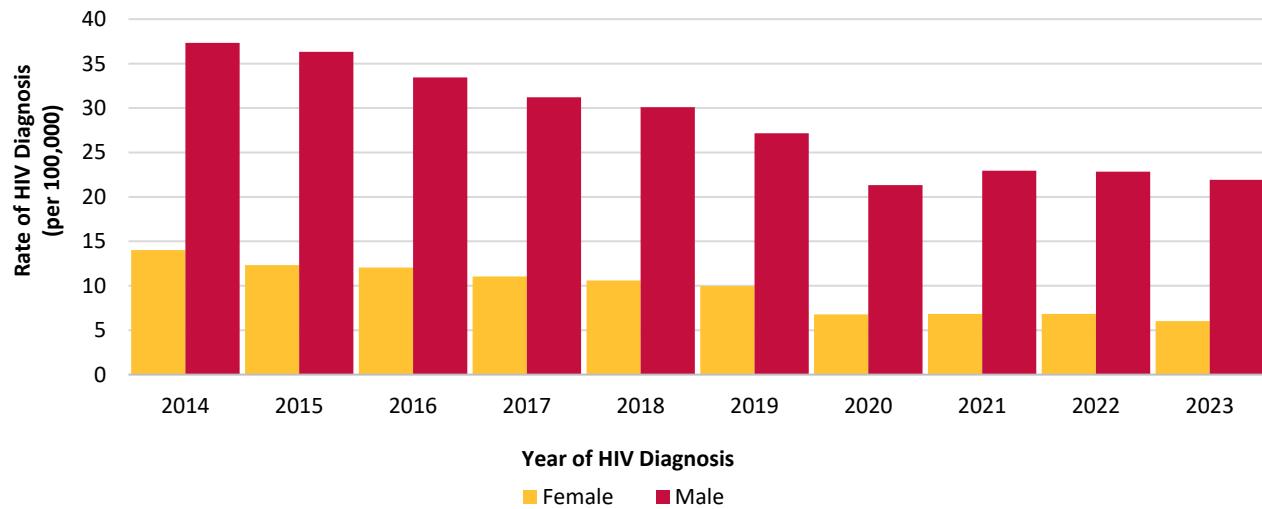


HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	Number	Assigned Sex at Birth			
		Female		Male	
		Number	Percent	Number	Percent
<1985	380	43	11.3%	337	88.7%
1985	711	112	15.8%	599	84.2%
1986	928	165	17.8%	763	82.2%
1987	1,240	232	18.7%	1,008	81.3%
1988	1,680	363	21.6%	1,317	78.4%
1989	2,121	489	23.1%	1,632	76.9%
1990	2,221	552	24.9%	1,669	75.1%
1991	2,534	678	26.8%	1,856	73.2%
1992	2,393	661	27.6%	1,732	72.4%
1993	2,156	624	28.9%	1,532	71.1%
1994	1,996	594	29.8%	1,402	70.2%
1995	1,973	598	30.3%	1,375	69.7%
1996	1,824	561	30.8%	1,263	69.2%
1997	1,866	663	35.5%	1,203	64.5%
1998	1,829	629	34.4%	1,200	65.6%
1999	1,768	566	32.0%	1,202	68.0%
2000	1,701	626	36.8%	1,075	63.2%
2001	1,803	658	36.5%	1,145	63.5%
2002	2,008	798	39.7%	1,210	60.3%
2003	1,908	705	36.9%	1,203	63.1%
2004	1,934	738	38.2%	1,196	61.8%
2005	1,982	740	37.3%	1,242	62.7%
2006	2,128	777	36.5%	1,351	63.5%
2007	2,126	760	35.7%	1,366	64.3%
2008	2,020	698	34.6%	1,322	65.4%
2009	1,694	568	33.5%	1,126	66.5%
2010	1,747	559	32.0%	1,188	68.0%
2011	1,422	418	29.4%	1,004	70.6%
2012	1,338	368	27.5%	970	72.5%
2013	1,308	369	28.2%	939	71.8%
2014	1,258	364	28.9%	894	71.1%
2015	1,197	322	26.9%	875	73.1%
2016	1,125	316	28.1%	809	71.9%
2017	1,049	291	27.7%	758	72.3%
2018	1,013	280	27.6%	733	72.4%
2019	927	264	28.5%	663	71.5%
2020	715	182	25.5%	533	74.5%
2021	759	184	24.2%	575	75.8%
2022	756	184	24.3%	572	75.7%
2023	714	163	22.8%	551	77.2%
Total	62,252	18,862	30.3%	43,390	69.7%

Figure 4A – Trends in Rates of HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Assigned Sex at Birth, 2014-2023, Reported through June 30, 2024

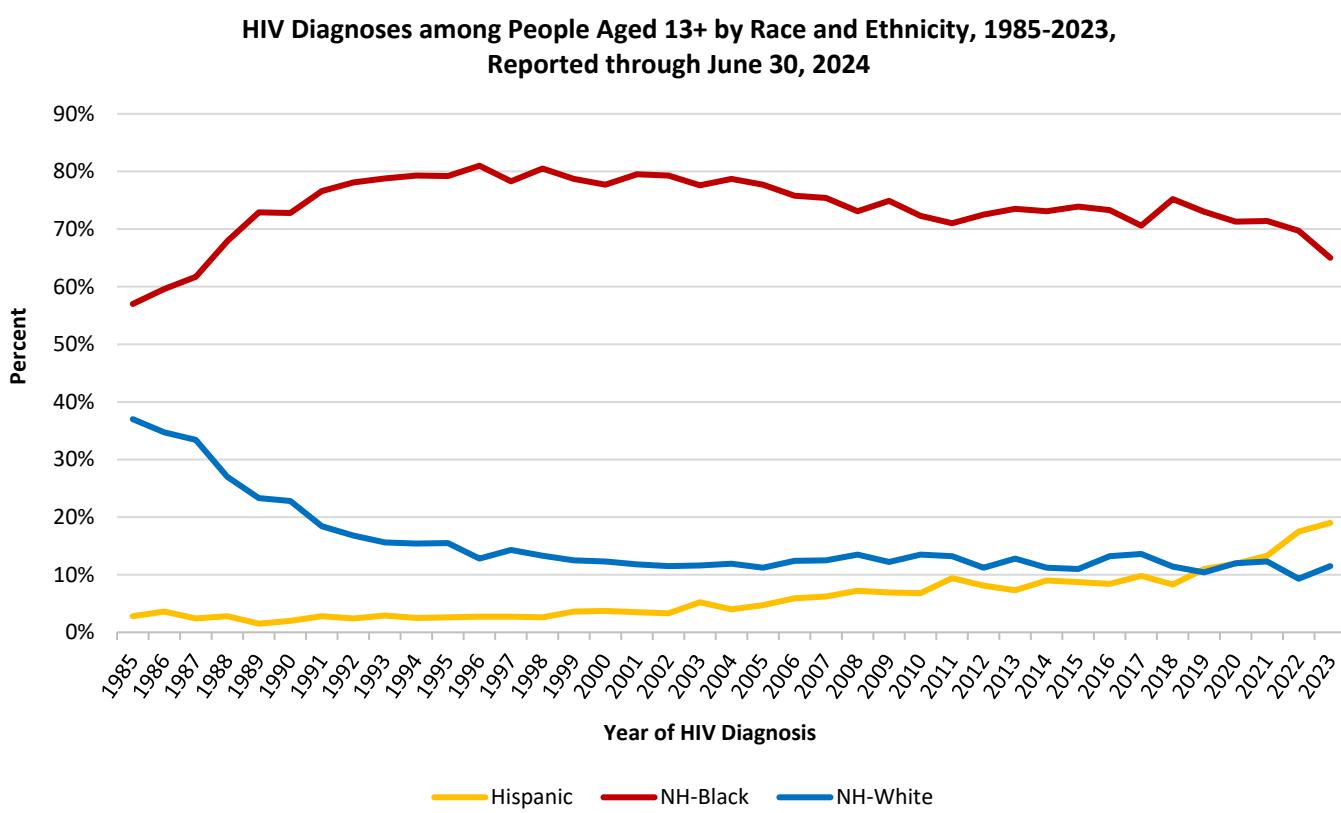
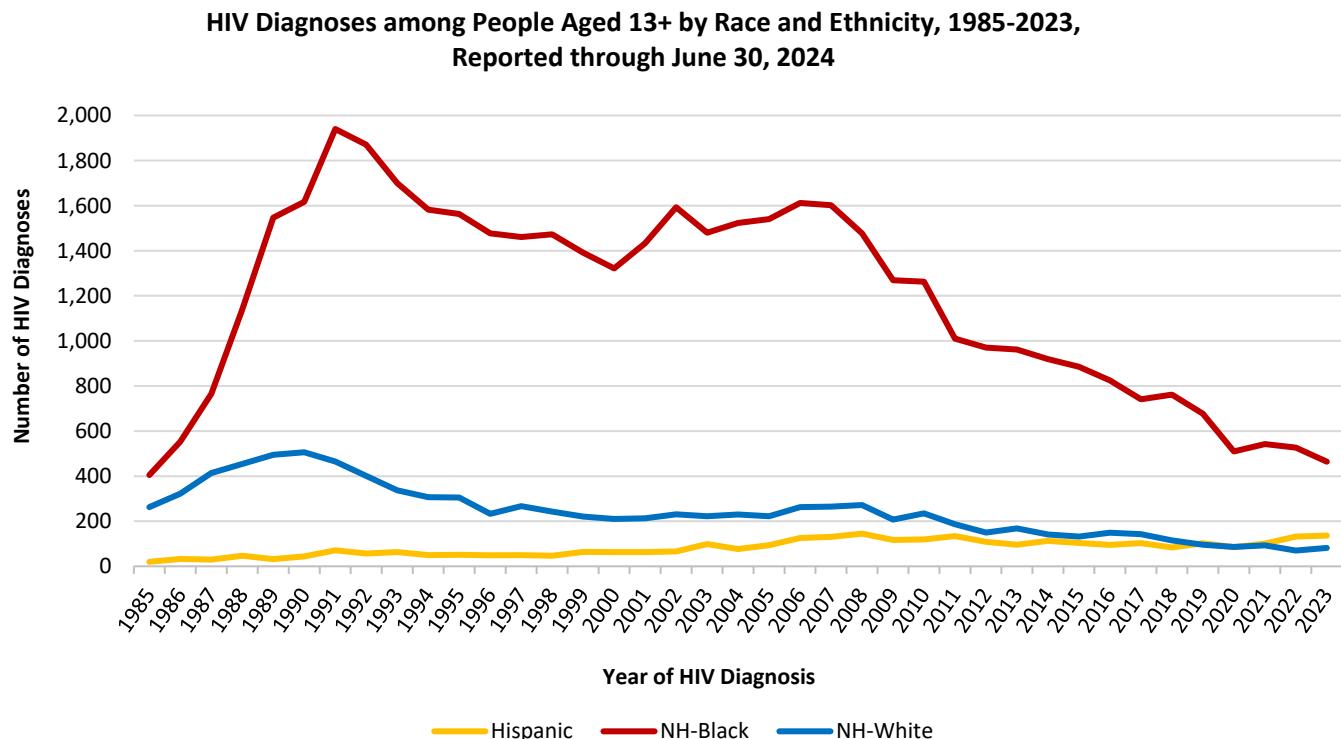
Rate by Assigned Sex at Birth of People Diagnosed with HIV, Aged 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 2014 through 2023, as Reported through June 30, 2024



Year of HIV Diagnosis	Number of HIV Diagnoses	Assigned Sex at Birth	
		Female	Male
2014	1,258	Population	2,598,261
		Reported Diagnoses	364
		Rate	14.0
2015	1,197	Population	2,612,888
		Reported Diagnoses	322
		Rate	12.3
2016	1,125	Population	2,622,161
		Reported Diagnoses	316
		Rate	12.1
2017	1,049	Population	2,633,890
		Reported Diagnoses	291
		Rate	11.0
2018	1,013	Population	2,643,191
		Reported Diagnoses	280
		Rate	10.6
2019	927	Population	2,651,301
		Reported Diagnoses	264
		Rate	10.0
2020	715	Population	2,683,994
		Reported Diagnoses	182
		Rate	6.8
2021	759	Population	2,691,931
		Reported Diagnoses	184
		Rate	6.8
2022	756	Population	2,692,467
		Reported Diagnoses	184
		Rate	6.8
2023	714	Population	2,705,520
		Reported Diagnoses	163
		Rate	6.0

Figure 5 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Race and Ethnicity, 1985-2023, Reported through June 30, 2024

Number and Percent by Race and Ethnicity of People Diagnosed with HIV, Aged 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2023, as Reported through June 30, 2024



NH: Non-Hispanic

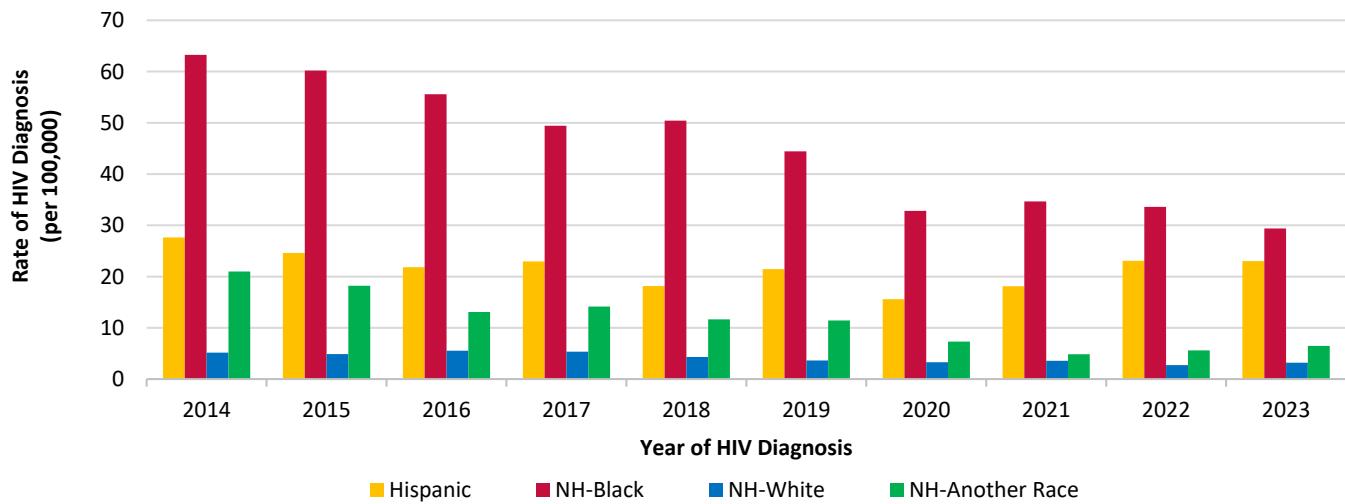
NH-Asian, NH-American Indian, NH-Native Hawaiian or Another Pacific Islander, NH-Multiracial or Another Race not shown

HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	No.	Race and Ethnicity							
		Hispanic		Non-Hispanic Black, only		Non-Hispanic White, only		Non-Hispanic Another Race	
		No.	%	No.	%	No.	%	No.	%
<1985	380	11	2.9%	214	56.3%	142	37.4%	13	3.4%
1985	711	20	2.8%	405	57.0%	263	37.0%	23	3.2%
1986	928	33	3.6%	553	59.6%	322	34.7%	20	2.2%
1987	1,240	30	2.4%	765	61.7%	414	33.4%	31	2.5%
1988	1,680	47	2.8%	1,141	67.9%	454	27.0%	38	2.3%
1989	2,121	32	1.5%	1,547	72.9%	495	23.3%	47	2.2%
1990	2,221	44	2.0%	1,617	72.8%	506	22.8%	54	2.4%
1991	2,534	71	2.8%	1,940	76.6%	465	18.4%	58	2.3%
1992	2,393	57	2.4%	1,870	78.1%	401	16.8%	65	2.7%
1993	2,156	63	2.9%	1,700	78.8%	337	15.6%	56	2.6%
1994	1,996	50	2.5%	1,582	79.3%	307	15.4%	57	2.9%
1995	1,973	51	2.6%	1,563	79.2%	305	15.5%	54	2.7%
1996	1,824	49	2.7%	1,477	81.0%	233	12.8%	65	3.6%
1997	1,866	50	2.7%	1,461	78.3%	267	14.3%	88	4.7%
1998	1,829	47	2.6%	1,473	80.5%	243	13.3%	66	3.6%
1999	1,768	64	3.6%	1,391	78.7%	221	12.5%	92	5.2%
2000	1,701	63	3.7%	1,322	77.7%	210	12.3%	106	6.2%
2001	1,803	63	3.5%	1,433	79.5%	213	11.8%	94	5.2%
2002	2,008	66	3.3%	1,593	79.3%	231	11.5%	118	5.9%
2003	1,908	99	5.2%	1,480	77.6%	222	11.6%	107	5.6%
2004	1,934	77	4.0%	1,523	78.7%	230	11.9%	104	5.4%
2005	1,982	94	4.7%	1,540	77.7%	222	11.2%	126	6.4%
2006	2,128	126	5.9%	1,612	75.8%	263	12.4%	127	6.0%
2007	2,126	131	6.2%	1,602	75.4%	265	12.5%	128	6.0%
2008	2,020	145	7.2%	1,477	73.1%	272	13.5%	126	6.2%
2009	1,694	117	6.9%	1,269	74.9%	207	12.2%	101	6.0%
2010	1,747	119	6.8%	1,263	72.3%	235	13.5%	130	7.4%
2011	1,422	134	9.4%	1,010	71.0%	187	13.2%	91	6.4%
2012	1,338	109	8.1%	970	72.5%	150	11.2%	109	8.1%
2013	1,308	96	7.3%	962	73.5%	168	12.8%	82	6.3%
2014	1,258	113	9.0%	919	73.1%	141	11.2%	85	6.8%
2015	1,197	104	8.7%	885	73.9%	132	11.0%	76	6.3%
2016	1,125	95	8.4%	825	73.3%	149	13.2%	56	5.0%
2017	1,049	103	9.8%	741	70.6%	143	13.6%	62	5.9%
2018	1,013	84	8.3%	762	75.2%	115	11.4%	52	5.1%
2019	927	102	11.0%	677	73.0%	96	10.4%	52	5.6%
2020	715	85	11.9%	510	71.3%	86	12.0%	34	4.8%
2021	759	101	13.3%	542	71.4%	93	12.3%	23	3.0%
2022	756	132	17.5%	527	69.7%	70	9.3%	27	3.6%
2023	714	136	19.0%	464	65.0%	82	11.5%	32	4.5%
Total	62,252	3,213	5.2%	46,607	74.9%	9,557	15.4%	2,875	4.6%

Figure 5A – Trends in Rates of HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Race and Ethnicity, 2014-2023, Reported through June 30, 2024

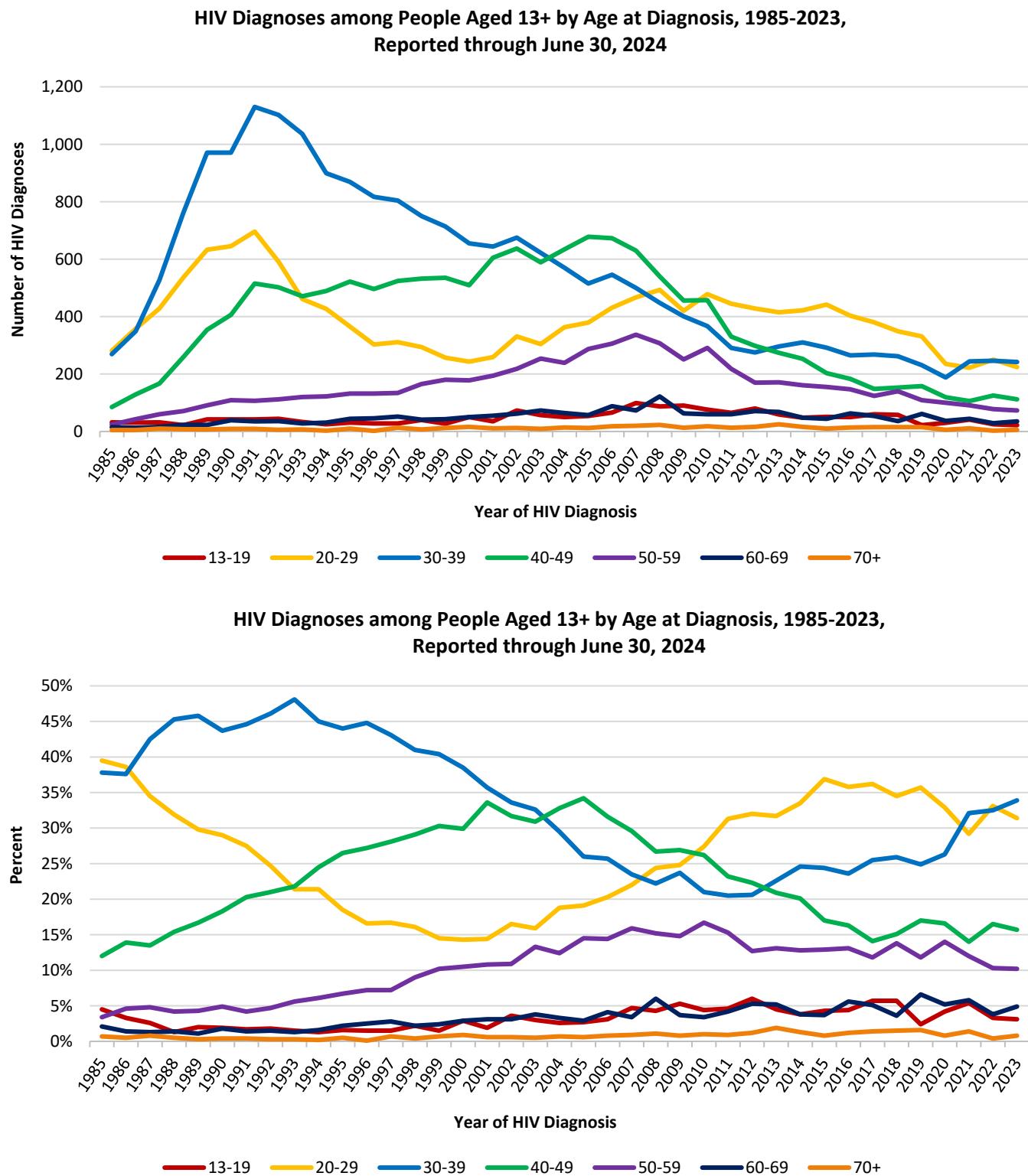
Rate by Race and Ethnicity of People Diagnosed with HIV, Aged 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 2014 through 2023, as Reported through June 30, 2024



Year of HIV Diagnosis	Number of HIV Diagnoses	Race and Ethnicity			
		Hispanic	Non-Hispanic Black	Non-Hispanic White	Non-Hispanic Another Race
2014	1,258	Population	408,930	1,453,048	2,725,445
		Diagnoses	113	919	85
		Rate	27.6	63.2	21.0
2015	1,197	Population	422,337	1,470,497	2,711,626
		Diagnoses	104	885	76
		Rate	24.6	60.2	18.2
2016	1,125	Population	435,049	1,484,080	2,694,390
		Diagnoses	95	825	149
		Rate	21.8	55.6	13.1
2017	1,049	Population	448,948	1,498,932	2,676,865
		Diagnoses	103	741	143
		Rate	22.9	49.4	14.1
2018	1,013	Population	463,031	1,511,026	2,658,661
		Diagnoses	84	762	115
		Rate	18.1	50.4	11.7
2019	927	Population	475,671	1,523,333	2,639,640
		Diagnoses	102	677	96
		Rate	21.4	44.4	11.4
2020	715	Population	545,705	1,553,849	2,620,072
		Diagnoses	85	510	86
		Rate	15.6	32.8	7.3
2021	759	Population	557,844	1,563,075	2,603,495
		Diagnoses	101	542	93
		Rate	18.1	34.7	4.9
2022	756	Population	571,838	1,567,724	2,574,667
		Diagnoses	132	527	70
		Rate	23.1	33.6	5.6
2023	714	Population	590,503	1,579,078	2,555,742
		Diagnoses	136	464	82
		Rate	23.0	29.4	6.5

Figure 6 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Age at HIV Diagnosis, 1985-2023, Reported through June 30, 2024

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 2023, as Reported through June 30, 2024

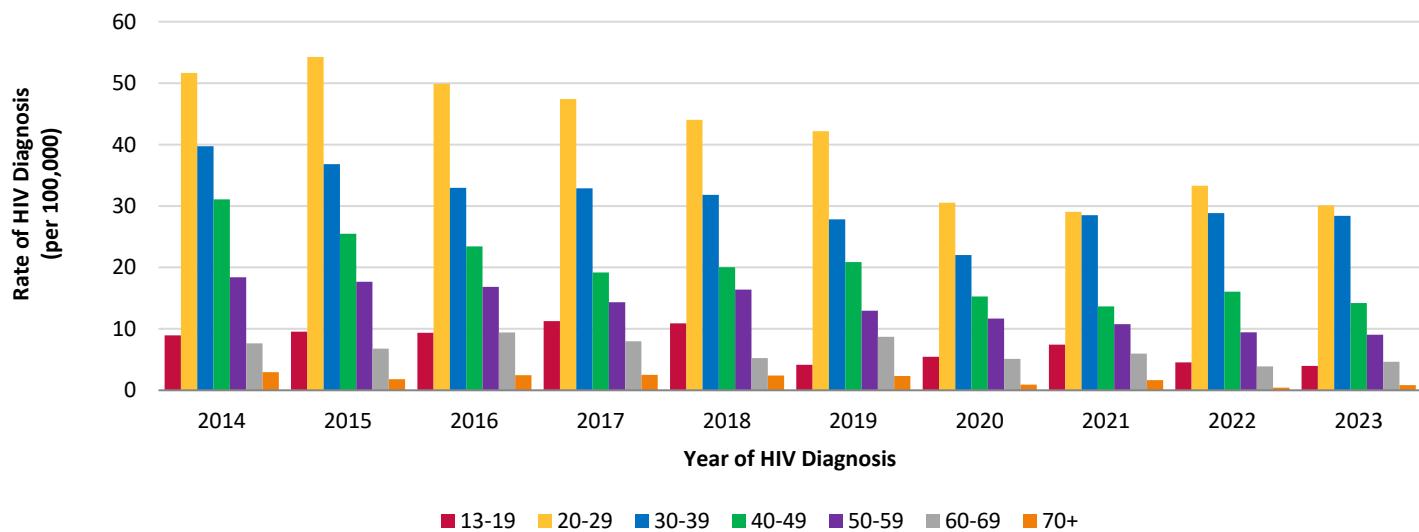


HIV Diagnoses among People Aged 13+

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	380	33	8.7%	157	41.3%	113	29.7%	54	14.2%	19	5.0%	3	0.8%	1	0.3%
1985	711	32	4.5%	281	39.5%	269	37.8%	85	12.0%	24	3.4%	15	2.1%	5	0.7%
1986	928	31	3.3%	358	38.6%	349	37.6%	129	13.9%	43	4.6%	13	1.4%	5	0.5%
1987	1,240	32	2.6%	428	34.5%	527	42.5%	167	13.5%	60	4.8%	16	1.3%	10	0.8%
1988	1,680	22	1.3%	536	31.9%	761	45.3%	259	15.4%	71	4.2%	23	1.4%	8	0.5%
1989	2,121	42	2.0%	633	29.8%	971	45.8%	354	16.7%	91	4.3%	23	1.1%	7	0.3%
1990	2,221	42	1.9%	645	29.0%	971	43.7%	406	18.3%	109	4.9%	39	1.8%	9	0.4%
1991	2,534	42	1.7%	696	27.5%	1,130	44.6%	515	20.3%	107	4.2%	35	1.4%	9	0.4%
1992	2,393	44	1.8%	591	24.7%	1,102	46.1%	502	21.0%	112	4.7%	36	1.5%	6	0.3%
1993	2,156	33	1.5%	461	21.4%	1,036	48.1%	471	21.8%	120	5.6%	28	1.3%	7	0.3%
1994	1,996	25	1.3%	427	21.4%	899	45.0%	489	24.5%	122	6.1%	31	1.6%	3	0.2%
1995	1,973	31	1.6%	365	18.5%	869	44.0%	522	26.5%	132	6.7%	44	2.2%	10	0.5%
1996	1,824	28	1.5%	303	16.6%	817	44.8%	496	27.2%	132	7.2%	46	2.5%	2	0.1%
1997	1,866	28	1.5%	311	16.7%	804	43.1%	524	28.1%	134	7.2%	52	2.8%	13	0.7%
1998	1,829	40	2.2%	294	16.1%	750	41.0%	532	29.1%	165	9.0%	41	2.2%	7	0.4%
1999	1,768	27	1.5%	257	14.5%	714	40.4%	535	30.3%	180	10.2%	43	2.4%	12	0.7%
2000	1,701	50	2.9%	243	14.3%	655	38.5%	509	29.9%	178	10.5%	50	2.9%	16	0.9%
2001	1,803	35	1.9%	259	14.4%	644	35.7%	605	33.6%	194	10.8%	55	3.1%	11	0.6%
2002	2,008	73	3.6%	331	16.5%	675	33.6%	637	31.7%	218	10.9%	62	3.1%	12	0.6%
2003	1,908	57	3.0%	304	15.9%	622	32.6%	589	30.9%	254	13.3%	73	3.8%	9	0.5%
2004	1,934	50	2.6%	363	18.8%	570	29.5%	634	32.8%	239	12.4%	64	3.3%	14	0.7%
2005	1,982	54	2.7%	379	19.1%	515	26.0%	678	34.2%	287	14.5%	57	2.9%	12	0.6%
2006	2,128	66	3.1%	431	20.3%	546	25.7%	673	31.6%	306	14.4%	88	4.1%	18	0.8%
2007	2,126	99	4.7%	467	22.0%	500	23.5%	630	29.6%	337	15.9%	73	3.4%	20	0.9%
2008	2,020	87	4.3%	493	24.4%	448	22.2%	540	26.7%	307	15.2%	122	6.0%	23	1.1%
2009	1,694	90	5.3%	420	24.8%	401	23.7%	456	26.9%	251	14.8%	63	3.7%	13	0.8%
2010	1,747	76	4.4%	478	27.4%	367	21.0%	457	26.2%	291	16.7%	60	3.4%	18	1.0%
2011	1,422	65	4.6%	445	31.3%	291	20.5%	330	23.2%	218	15.3%	60	4.2%	13	0.9%
2012	1,338	80	6.0%	428	32.0%	275	20.6%	298	22.3%	170	12.7%	71	5.3%	16	1.2%
2013	1,308	59	4.5%	415	31.7%	296	22.6%	274	20.9%	171	13.1%	68	5.2%	25	1.9%
2014	1,258	48	3.8%	422	33.5%	310	24.6%	253	20.1%	161	12.8%	48	3.8%	16	1.3%
2015	1,197	51	4.3%	442	36.9%	292	24.4%	203	17.0%	155	12.9%	44	3.7%	10	0.8%
2016	1,125	50	4.4%	403	35.8%	265	23.6%	183	16.3%	147	13.1%	63	5.6%	14	1.2%
2017	1,049	60	5.7%	380	36.2%	268	25.5%	148	14.1%	124	11.8%	54	5.1%	15	1.4%
2018	1,013	58	5.7%	349	34.5%	262	25.9%	153	15.1%	140	13.8%	36	3.6%	15	1.5%
2019	927	22	2.4%	331	35.7%	231	24.9%	158	17.0%	109	11.8%	61	6.6%	15	1.6%
2020	715	30	4.2%	235	32.9%	188	26.3%	119	16.6%	100	14.0%	37	5.2%	6	0.8%
2021	759	41	5.4%	222	29.2%	244	32.1%	106	14.0%	91	12.0%	44	5.8%	11	1.4%
2022	756	25	3.3%	250	33.1%	246	32.5%	125	16.5%	78	10.3%	29	3.8%	3	0.4%
2023	714	22	3.1%	224	31.4%	242	33.9%	112	15.7%	73	10.2%	35	4.9%	6	0.8%
Total	62,252	1,880	3.0%	15,457	24.8%	21,435	34.4%	14,910	24.0%	6,220	10.0%	1,905	3.1%	445	0.7%

Figure 6A – Trends in Rates of HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Age at HIV Diagnosis, 2014-2023, Reported through June 30, 2024

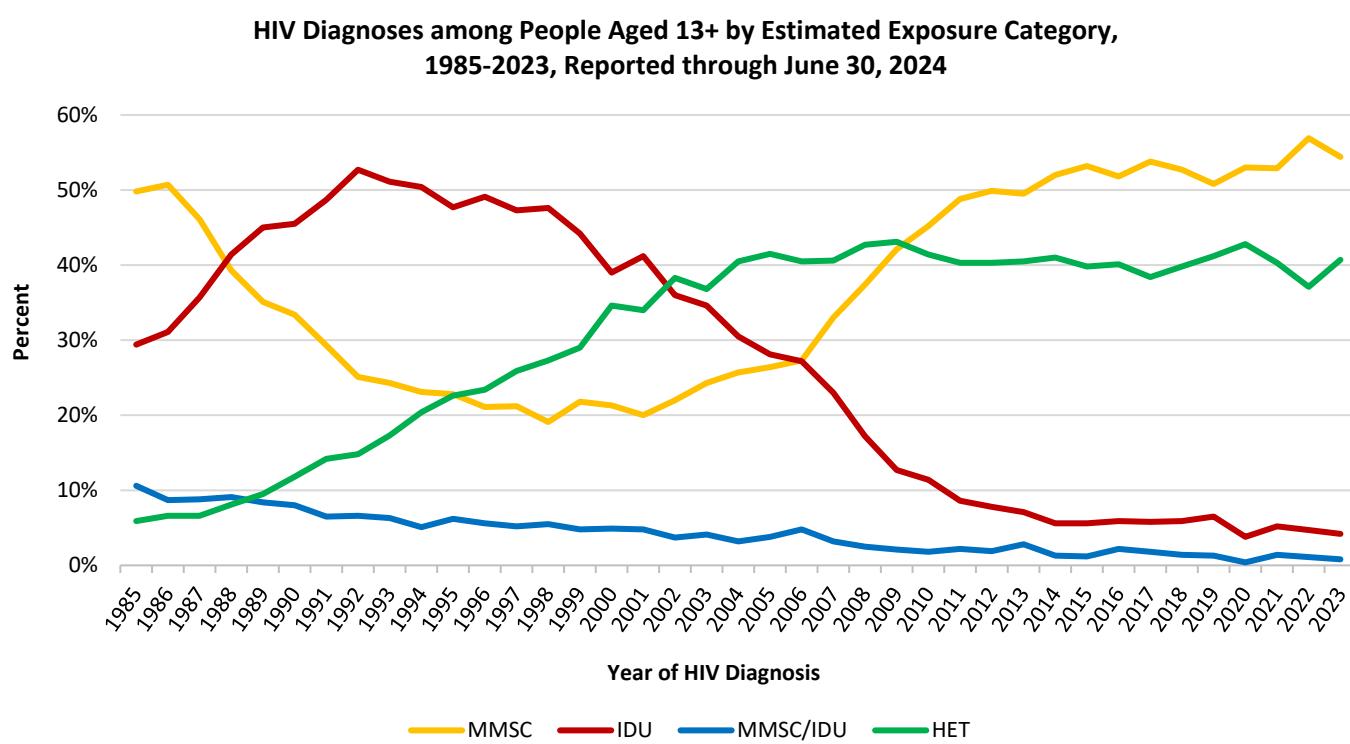
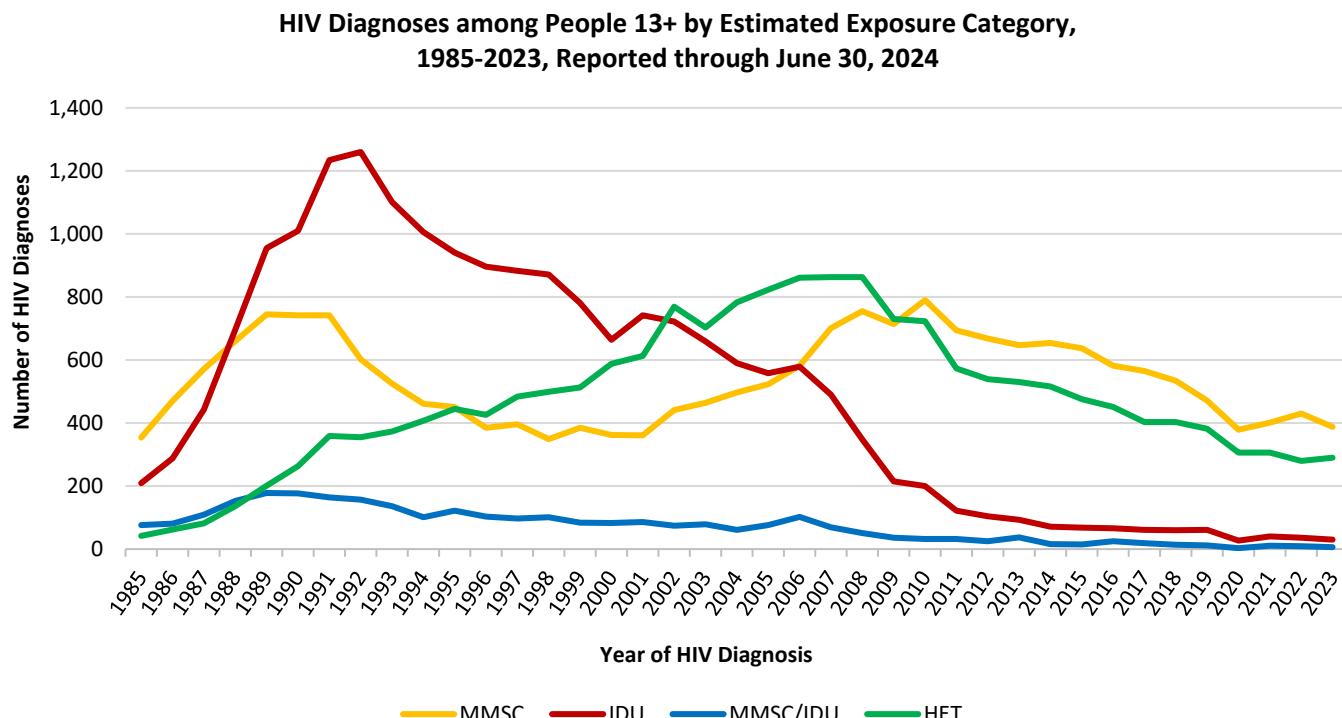
Rate by Age at HIV Diagnosis of People Diagnosed with HIV, Aged 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 2014 through 2023, as Reported through June 30, 2024



Year of HIV Diagnosis	Number of HIV Diagnoses	Mean Age at HIV Diagnosis	Age at HIV Diagnosis							
			13-19	20-29	30-39	40-49	50-59	60-69	70+	
2014	1,258	36.5	Population	537,142	816,944	780,326	814,074	874,523	628,544	540,987
			Diagnoses	48	422	310	253	161	48	16
			Rate	8.9	51.7	39.7	31.1	18.4	7.6	3.0
2015	1,197	35.8	Population	534,944	814,501	793,252	796,477	877,522	649,365	555,868
			Diagnoses	51	442	292	203	155	44	10
			Rate	9.5	54.3	36.8	25.5	17.7	6.8	1.8
2016	1,125	36.4	Population	534,093	807,509	804,218	781,347	873,547	669,312	570,891
			Diagnoses	50	403	265	183	147	63	14
			Rate	9.4	49.9	33.0	23.4	16.8	9.4	2.5
2017	1,049	35.6	Population	533,423	801,338	815,174	771,858	865,054	676,792	599,370
			Diagnoses	60	380	268	148	124	54	15
			Rate	11.2	47.4	32.9	19.2	14.3	8.0	2.5
2018	1,013	36.0	Population	532,757	792,899	823,588	763,396	854,227	687,591	624,280
			Diagnoses	58	349	262	153	140	36	15
			Rate	10.9	44.0	31.8	20.0	16.4	5.2	2.4
2019	927	37.1	Population	531,748	784,733	829,866	757,393	842,069	699,695	647,618
			Diagnoses	22	331	231	158	109	61	15
			Rate	4.1	42.2	27.8	20.9	12.9	8.7	2.3
2020	715	36.7	Population	551,085	769,869	854,321	779,068	855,947	724,830	648,730
			Diagnoses	30	235	188	119	100	37	6
			Rate	5.4	30.5	22.0	15.3	11.7	5.1	0.9
2021	759	36.4	Population	550,924	764,261	856,358	776,008	844,399	736,206	669,817
			Diagnoses	41	222	244	106	91	44	11
			Rate	7.4	29.0	28.5	13.7	10.8	6.0	1.6
2022	756	35.5	Population	550,419	750,583	853,216	779,185	826,087	744,134	692,826
			Diagnoses	25	250	246	125	78	29	3
			Rate	4.5	33.3	28.8	16.0	9.4	3.9	0.4
2023	714	36.0	Population	554,032	744,470	852,232	789,226	806,355	753,912	719,220
			Diagnoses	22	224	242	112	73	35	6
			Rate	4.0	30.1	28.4	14.2	9.1	4.6	0.8

Figure 7 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Estimated Exposure Category, 1985-2023, Reported through June 30, 2024

Number and Percent by Estimated Exposure Category[§] of People Diagnosed with HIV, Aged 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2023, as Reported through June 30, 2024



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 [¥]	Estimated Exposure Category [§]									
			MMSC		IDU		MMSC/IDU		HET		Other Exposure	
			No.	%	No.	%	No.	%	No.	%	No.	%
<1985	380	5.0%	223	58.8%	85	22.3%	38	10.0%	20	5.3%	14	3.7%
1985	711	4.9%	354	49.8%	209	29.4%	76	10.6%	42	5.9%	30	4.2%
1986	928	3.1%	470	50.7%	288	31.1%	81	8.7%	62	6.6%	27	2.9%
1987	1,240	3.1%	571	46.1%	443	35.7%	109	8.8%	82	6.6%	36	2.9%
1988	1,680	3.8%	660	39.3%	696	41.4%	153	9.1%	136	8.1%	35	2.1%
1989	2,121	3.5%	745	35.1%	955	45.0%	178	8.4%	201	9.5%	43	2.0%
1990	2,221	4.1%	742	33.4%	1,010	45.5%	177	8.0%	263	11.8%	29	1.3%
1991	2,534	4.7%	742	29.3%	1,234	48.7%	164	6.5%	359	14.2%	35	1.4%
1992	2,393	6.0%	602	25.1%	1,260	52.7%	157	6.6%	355	14.8%	19	0.8%
1993	2,156	4.3%	525	24.3%	1,101	51.1%	136	6.3%	373	17.3%	21	1.0%
1994	1,996	5.1%	461	23.1%	1,006	50.4%	101	5.1%	407	20.4%	20	1.0%
1995	1,973	6.0%	451	22.8%	941	47.7%	122	6.2%	445	22.6%	14	0.7%
1996	1,824	6.9%	385	21.1%	896	49.1%	103	5.6%	426	23.4%	14	0.8%
1997	1,866	8.2%	396	21.2%	883	47.3%	97	5.2%	484	25.9%	5	0.3%
1998	1,829	8.4%	349	19.1%	871	47.6%	101	5.5%	499	27.3%	9	0.5%
1999	1,768	9.1%	385	21.8%	781	44.2%	84	4.8%	513	29.0%	5	0.3%
2000	1,701	9.7%	362	21.3%	664	39.0%	83	4.9%	588	34.6%	4	0.2%
2001	1,803	9.9%	361	20.0%	742	41.2%	86	4.8%	613	34.0%	2	0.1%
2002	2,008	11.0%	441	22.0%	722	36.0%	74	3.7%	769	38.3%	2	0.1%
2003	1,908	10.2%	464	24.3%	659	34.6%	79	4.1%	703	36.8%	4	0.2%
2004	1,934	13.2%	497	25.7%	590	30.5%	61	3.2%	783	40.5%	3	0.2%
2005	1,982	16.5%	523	26.4%	558	28.1%	76	3.8%	823	41.5%	2	0.1%
2006	2,128	20.9%	582	27.3%	579	27.2%	102	4.8%	861	40.5%	4	0.2%
2007	2,126	23.7%	701	33.0%	490	23.0%	69	3.2%	863	40.6%	4	0.2%
2008	2,020	30.6%	755	37.4%	348	17.2%	51	2.5%	863	42.7%	3	0.1%
2009	1,694	30.3%	714	42.1%	215	12.7%	36	2.1%	730	43.1%	0	0.0%
2010	1,747	31.1%	790	45.2%	200	11.4%	32	1.8%	723	41.4%	2	0.1%
2011	1,422	25.2%	694	48.8%	122	8.6%	32	2.2%	573	40.3%	1	0.1%
2012	1,338	18.8%	668	49.9%	104	7.8%	25	1.9%	539	40.3%	2	0.1%
2013	1,308	15.4%	647	49.5%	93	7.1%	37	2.8%	530	40.5%	2	0.2%
2014	1,258	14.1%	654	52.0%	71	5.6%	16	1.3%	516	41.0%	1	0.1%
2015	1,197	9.2%	637	53.2%	68	5.6%	15	1.2%	476	39.8%	1	0.1%
2016	1,125	14.3%	582	51.8%	66	5.9%	25	2.2%	451	40.1%	1	0.1%
2017	1,049	13.4%	565	53.8%	61	5.8%	19	1.8%	403	38.4%	1	0.1%
2018	1,013	12.9%	534	52.7%	60	5.9%	14	1.4%	403	39.8%	2	0.2%
2019	927	16.9%	471	50.8%	61	6.5%	12	1.3%	382	41.2%	1	0.1%
2020	715	10.3%	379	53.0%	27	3.8%	3	0.4%	306	42.8%	0	0.0%
2021	759	14.4%	401	52.9%	40	5.2%	11	1.4%	306	40.3%	1	0.1%
2022	756	14.6%	430	56.9%	36	4.7%	9	1.1%	280	37.1%	1	0.1%
2023	714	7.8%	388	54.4%	30	4.2%	6	0.8%	290	40.7%	0	0.0%
Total	62,252	12.1%	21,301	34.2%	19,265	30.9%	2,850	4.6%	18,441	29.6%	400	0.6%

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

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

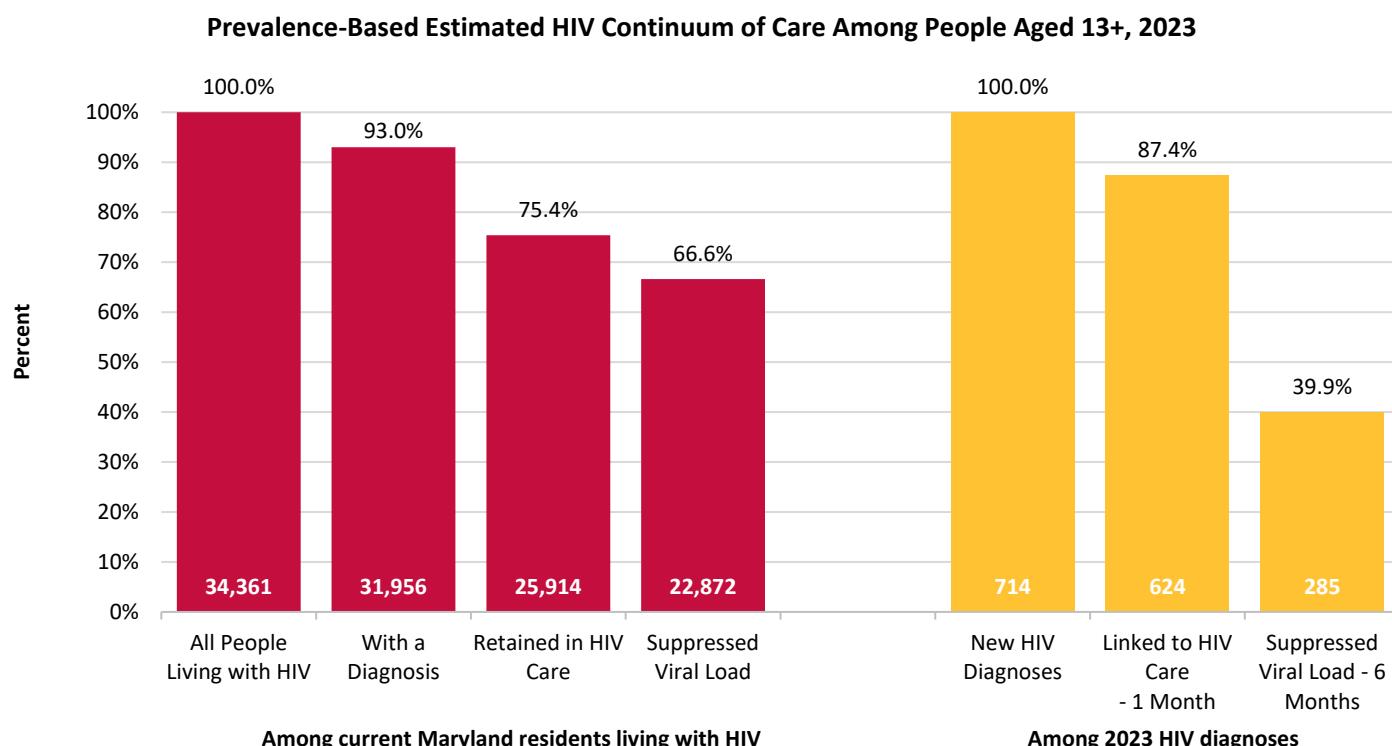
Note. Discrepancies in the table between total HIV diagnoses and the sums by exposure category are due to less than 1 percent of people missing transmission category after multiple imputation.

Section III – Maryland HIV Care Continua

In their 2011 article in Clinical Infectious Diseases, Gardner et al.¹ 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 2023 HIV Continuum of Care Cascade, among Current Maryland Residents Aged 13+, Reported through June 30, 2024

The prevalence-based Maryland Engagement in HIV Care Cascades (below) apply the CDC CD4 depletion model to Maryland surveillance data, reported through June 30, 2024, to estimate the number of people living with undiagnosed HIV (7.0%) and the estimated number of people living with HIV currently residing in Maryland. Maryland surveillance data is then used to describe the number and percentage of people living with HIV in Maryland on December 31, 2023 and the number and percentage of new HIV diagnoses in 2023 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 2023 HIV Diagnoses	
	Number	Percent		Number	Percent
All People Living with HIV	34,361	100.0%	New HIV Diagnoses	714	100.0%
With a Diagnosis	31,956	93.0%	Linked to HIV Care – 1 Month	624	87.4%
Retained in HIV Care	25,914	75.4%	Suppressed Viral Load – 6 Months	285	39.9%
Suppressed Viral Load	22,872	66.6%			

¹ 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 8A – Prevalence-Based Estimated 2023 HIV Continuum of Care Cascade, among Current Maryland Residents Aged 13+, by Assigned Sex at Birth, Reported through June 30, 2024

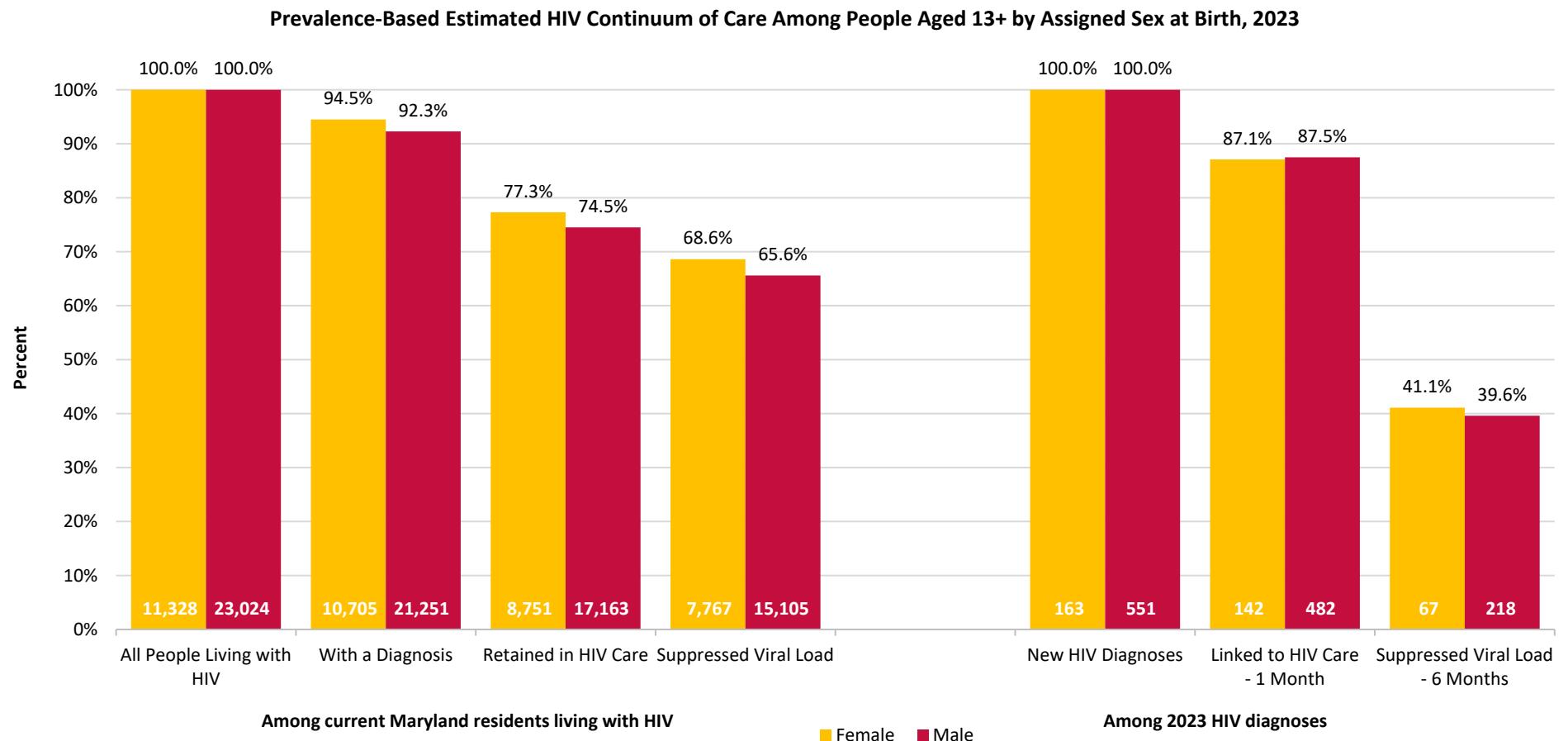


Figure 8B – Prevalence-Based Estimated 2023 HIV Continuum of Care Cascade, among Current Maryland Residents Aged 13+, by Race and Ethnicity, Reported through June 30, 2024

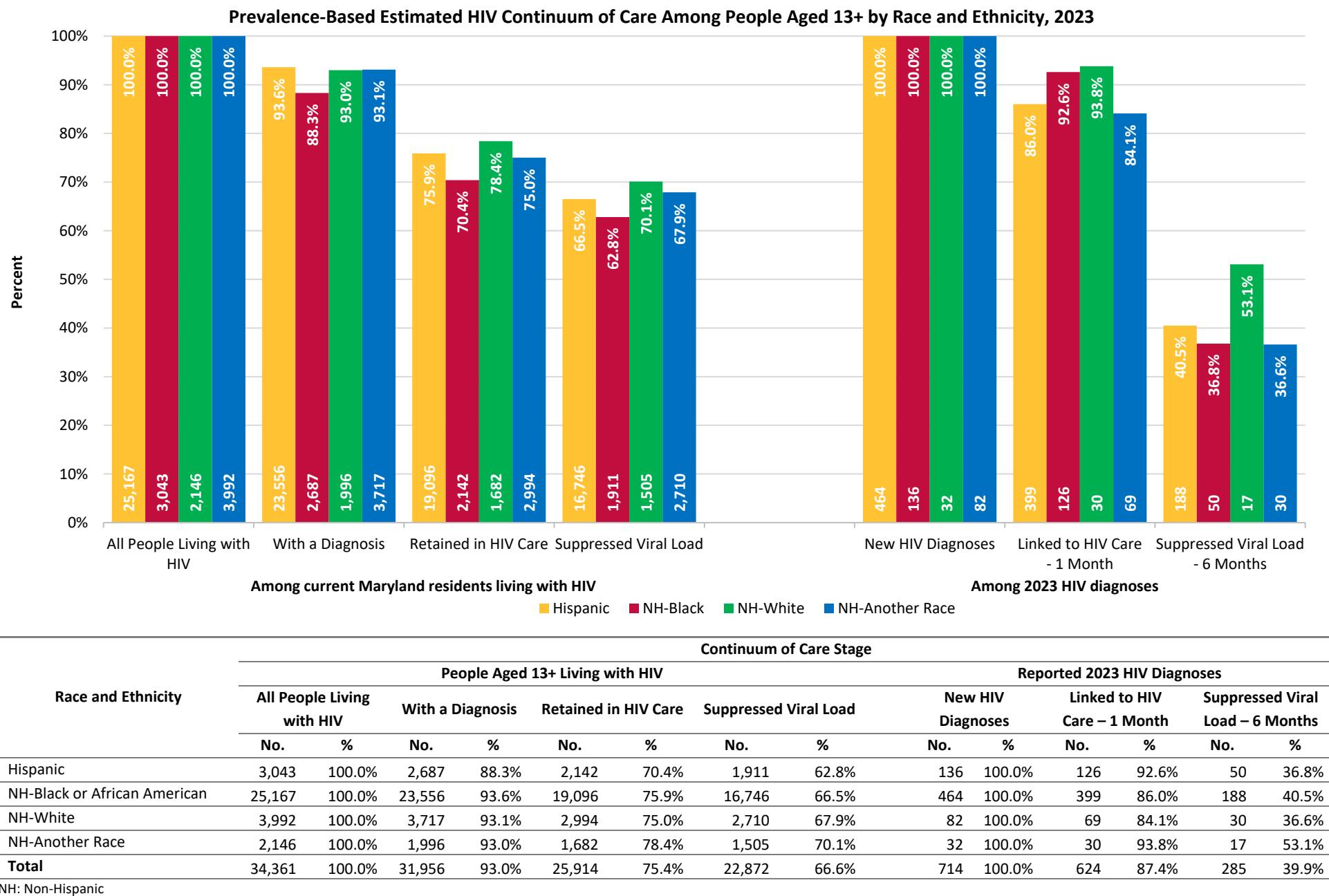
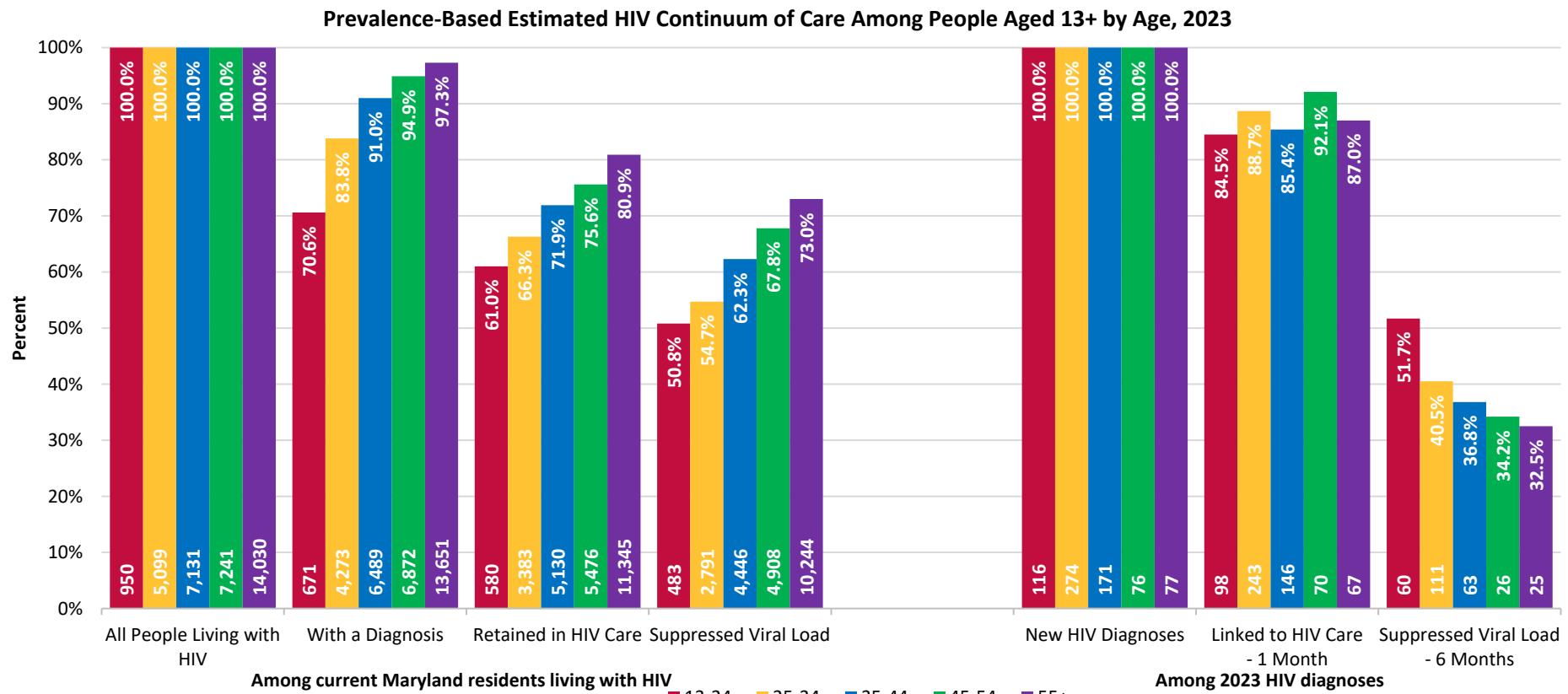


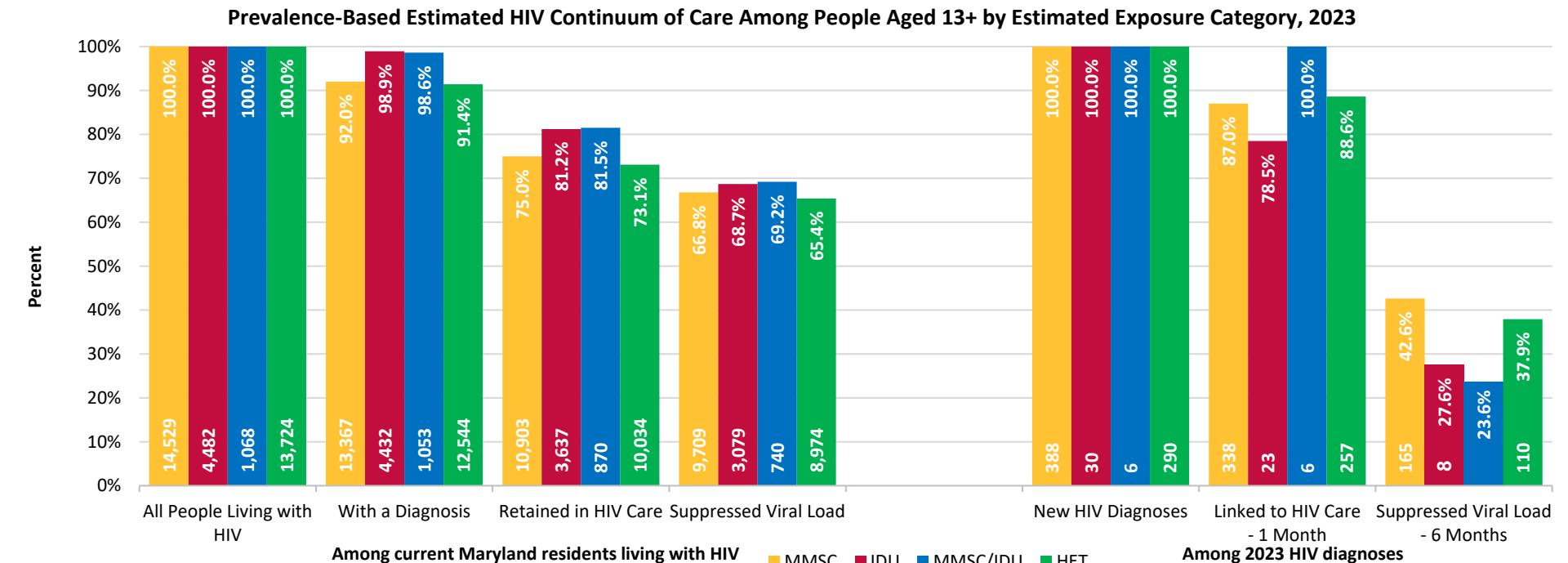
Figure 8C – Prevalence-Based Estimated 2023 HIV Continuum of Care Cascade, among Current Maryland Residents Aged 13+, by Age on December 31, 2023, Reported through June 30, 2024



Age on December 31, 2023	Continuum of Care Stage													
	People Aged 13+ Living with HIV						Reported 2023 HIV Diagnoses							
	All People Living with HIV		With a Diagnosis		Retained in HIV Care		Suppressed Viral Load		New HIV Diagnoses		Linked to HIV Care – 1 Month		Suppressed Viral Load – 6 Months	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
13-24	950	100.0%	671	70.6%	580	61.0%	483	50.8%	116	100.0%	98	84.5%	60	51.7%
25-34	5,099	100.0%	4,273	83.8%	3,383	66.3%	2,791	54.7%	274	100.0%	243	88.7%	111	40.5%
35-44	7,131	100.0%	6,489	91.0%	5,130	71.9%	4,446	62.3%	171	100.0%	146	85.4%	63	36.8%
45-54	7,241	100.0%	6,872	94.9%	5,476	75.6%	4,908	67.8%	76	100.0%	70	92.1%	26	34.2%
55+	14,030	100.0%	13,651	97.3%	11,345	80.9%	10,244	73.0%	77	100.0%	67	87.0%	25	32.5%
Total	34,361	100.0%	31,956	93.0%	25,914	75.4%	22,872	66.6%	714	100.0%	624	87.4%	285	39.9%

Note. Age groups are consistent with the national standard presentation of the HIV continuum of care by age. A diagnosis-based continuum of care broken down by 10-year age groups is available on MDH HIV by Age Data Sheet. Age on December 31, 2023 was used for current Maryland residents. Age at HIV diagnosis was used for newly reported HIV diagnosis during the specified year.

Figure 8D – Prevalence-Based Estimated 2023 HIV Continuum of Care Cascade, among Current Maryland Residents Aged 13+, by Estimated or Reported Exposure Category, Reported through June 30, 2024

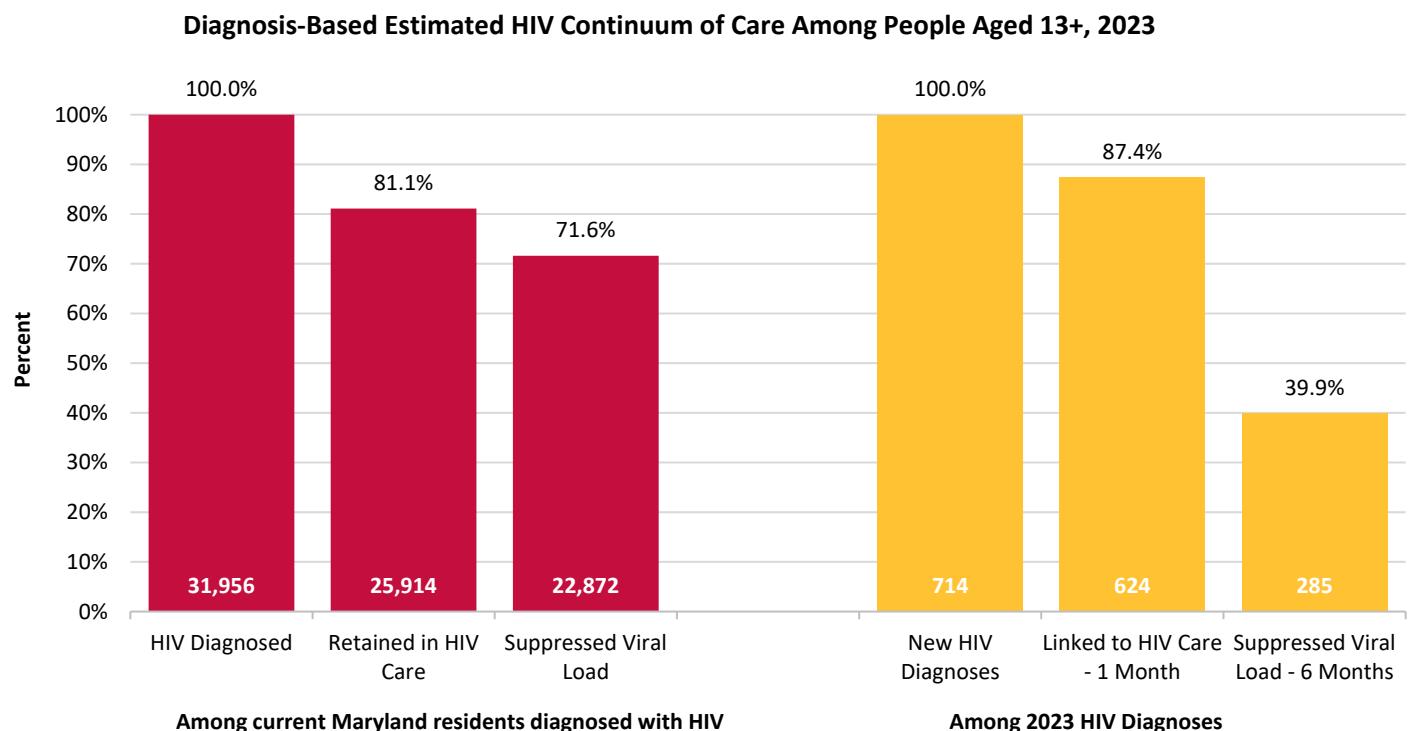


Estimated or Reported Exposure Category and Assigned Sex at Birth	Continuum of Care Stage													
	People Aged 13+ Living with HIV				Reported 2023 HIV Diagnoses									
	All People Living with HIV		With a Diagnosis		Retained in HIV Care		Suppressed Viral Load		New HIV Diagnoses		Linked to HIV Care – 1 Month		Suppressed Viral Load – 6 Months	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Males with Male Sexual Contact (MMSC)	14,529	100.0%	13,367	92.0%	10,903	75.0%	9,709	66.8%	388	100.0%	338	87.0%	165	42.6%
Injection Drug Use (IDU)	4,482	100.0%	4,432	98.9%	3,637	81.2%	3,079	68.7%	30	100.0%	23	78.5%	8	27.6%
Female	2,574	100.0%	2,538	98.6%	2,055	79.9%	1,720	66.8%	18	100.0%	13	75.7%	5	28.2%
Male	1,906	100.0%	1,895	99.4%	1,582	83.0%	1,359	71.3%	12	100.0%	10	82.5%	3	26.7%
MMSC/IDU	1,068	100.0%	1,053	98.6%	870	81.5%	740	69.2%	6	100.0%	6	100.0%	1	23.6%
Heterosexual Contact (HET)	13,724	100.0%	12,544	91.4%	10,034	73.1%	8,974	65.4%	290	100.0%	257	88.6%	110	37.9%
Female	4,622	100.0%	4,049	87.6%	3,134	67.8%	2,776	60.1%	139	100.0%	125	89.7%	46	33.2%
Male	9,104	100.0%	8,494	93.3%	6,900	75.8%	6,198	68.1%	151	100.0%	132	87.5%	64	42.3%
Total	34,361	100.0%	31,956	93.0%	25,914	75.4%	22,872	66.6%	714	100.0%	624	87.4%	285	39.9%

Note. Other exposure category and perinatal transmission not shown. Multiple imputation was used to estimate and adjust for missing transmission category. 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.

Figure 9 – Diagnosis-Based Estimated 2023 HIV Continuum of Care Cascade, among Current Maryland Residents Aged 13+, Reported through June 30, 2024

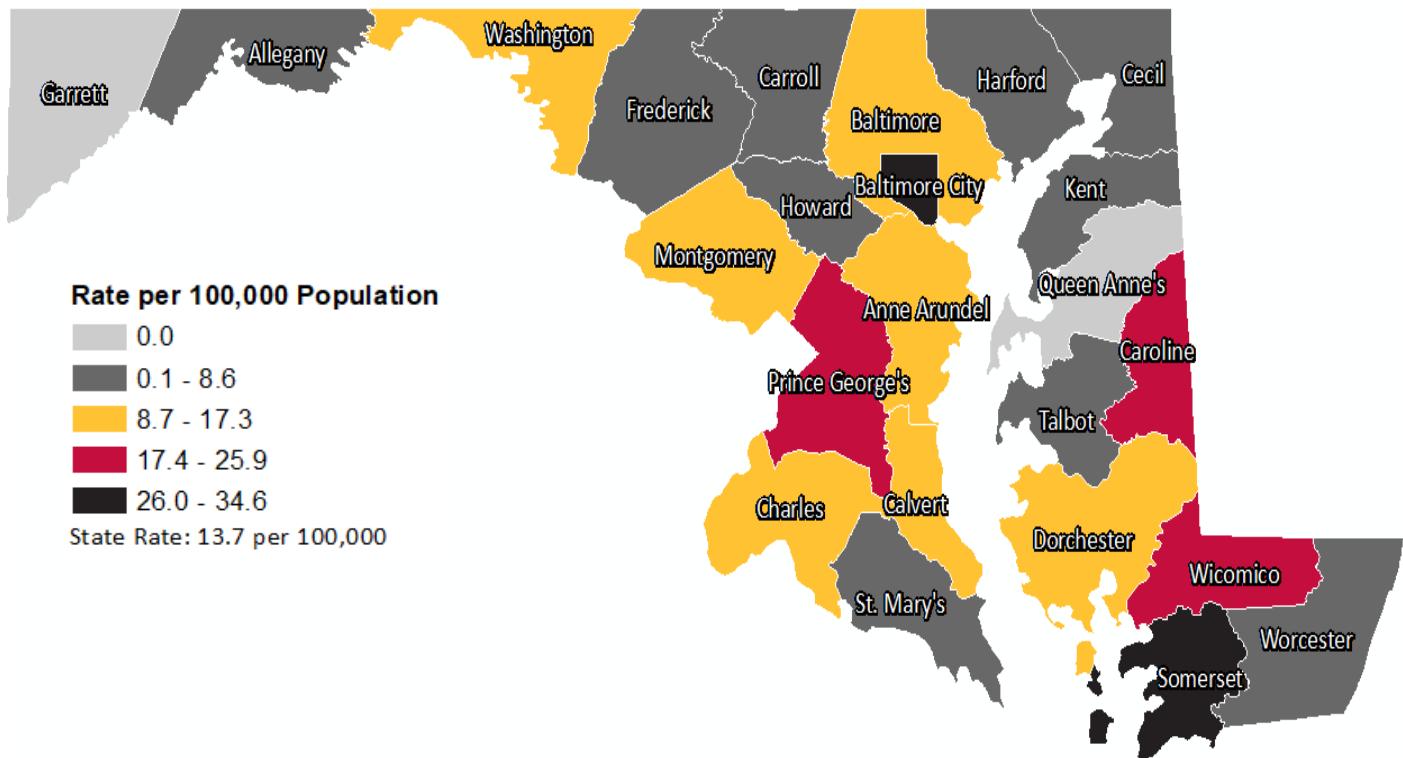
The diagnosis-based Maryland Engagement in HIV Care Cascade (below) uses Maryland surveillance data for current Maryland residents to describe the number and percentage of people living with diagnosed HIV in Maryland on December 31, 2023 and the number and percentage of new HIV diagnoses in 2023 who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	People Aged 13+ Living with Diagnosed HIV		Continuum of Care Stage	Reported 2023 HIV Diagnoses	
	Number	Percent		Number	Percent
HIV Diagnosed	31,956	100.0%	New HIV Diagnoses	714	100.0%
Retained in HIV Care	25,914	81.1%	Linked to HIV Care – 1 Month	624	87.4%
Suppressed Viral Load	22,872	71.6%	Suppressed Viral Load – 6 Months	285	39.9%

Section IV – HIV in Maryland by Jurisdiction

Maryland Reported HIV Diagnoses among People Aged 13+, Rate by Jurisdiction, 2023

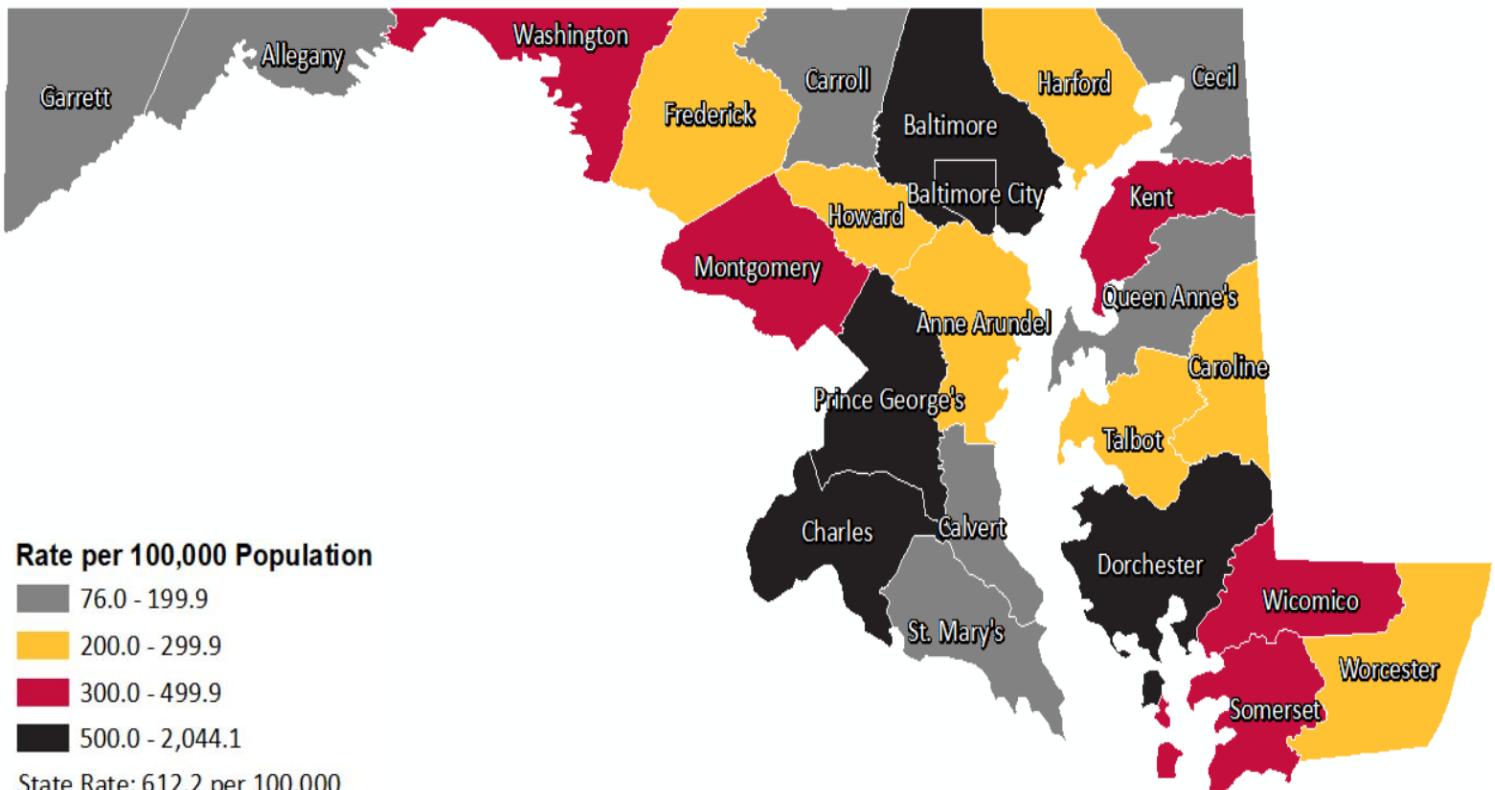


- The rate of new HIV diagnoses among people aged 13+ in Maryland is **13.7 per 100,000**.

Jurisdictions with the highest rate of new HIV diagnoses among people aged 13+ in Maryland include:

- Baltimore City: 34.6 per 100,000
- Somerset County: 32.1 per 100,000
- Prince George's County: 24.3 per 100,000
- Wicomico County: 18.2 per 100,000
- Caroline County: 17.9 per 100,000

People Aged 13+ Living with Diagnosed HIV in Maryland, Rate by Jurisdiction, 2023



- The rate of people aged 13+ living with diagnosed HIV in Maryland is **612.2 per 100,000**.

Jurisdictions with the highest rate of people aged 13+ living with diagnosed HIV in Maryland include:

- Baltimore City: 2,044.1 per 100,000
- Prince George's County: 1,029.9 per 100,000
- Dorchester County: 566.4 per 100,000
- Baltimore County: 532.3 per 100,000
- Charles County: 502.2 per 100,000

Table 1 – HIV Diagnoses, among People Aged 13+ during 2023, Stages of HIV by Jurisdiction of Residence at Diagnosis, Reported through June 30, 2024

Jurisdiction of Residence at HIV Diagnosis	Total	HIV Diagnoses among People Aged 13+										
		Stage of HIV at Diagnosis										
		Stage 0 (Acute)			Stage 1		Stage 2		Stage 3 (AIDS)		Stage Unknown	
		No.	No.	%	No.	%	No.	%	No.	%	No.	%
Allegany	3	0	0.0%		3	100.0%	0	0.0%	0	0.0%	0	0.0%
Anne Arundel	43	4	9.3%		6	14.0%	14	32.6%	14	32.6%	5	11.6%
Baltimore City	166	18	10.8%		55	33.1%	47	28.3%	36	21.7%	10	6.0%
Baltimore	87	9	10.3%		21	24.1%	27	31.0%	23	26.4%	7	8.0%
Calvert	8	0	0.0%		2	25.0%	3	37.5%	2	25.0%	1	12.5%
Caroline	5	0	0.0%		2	40.0%	1	20.0%	1	20.0%	1	20.0%
Carroll	2	0	0.0%		1	50.0%	0	0.0%	1	50.0%	0	0.0%
Cecil	5	1	20.0%		1	20.0%	1	20.0%	1	20.0%	1	20.0%
Charles	14	1	7.1%		4	28.6%	5	35.7%	4	28.6%	0	0.0%
Dorchester	4	0	0.0%		2	50.0%	1	25.0%	1	25.0%	0	0.0%
Frederick	19	1	5.3%		1	5.3%	8	42.1%	8	42.1%	1	5.3%
Garrett	0	--	--		--	--	--	--	--	--	--	--
Harford	7	3	42.9%		1	14.3%	0	0.0%	2	28.6%	1	14.3%
Howard	12	1	8.3%		3	25.0%	2	16.7%	5	41.7%	1	8.3%
Kent	1	0	0.0%		0	0.0%	1	100.0%	0	0.0%	0	0.0%
Montgomery	99	3	3.0%		20	20.2%	42	42.4%	29	29.3%	5	5.1%
Prince George's	194	12	6.2%		51	26.3%	62	32.0%	54	27.8%	15	7.7%
Queen Anne's	0	--	--		--	--	--	--	--	--	--	--
Saint Mary's	5	0	0.0%		2	40.0%	1	20.0%	2	40.0%	0	0.0%
Somerset	7	1	14.3%		1	14.3%	3	42.9%	2	28.6%	0	0.0%
Talbot	1	0	0.0%		0	0.0%	0	0.0%	0	0.0%	1	100.0%
Washington	12	0	0.0%		5	41.7%	3	25.0%	3	25.0%	1	8.3%
Wicomico	16	0	0.0%		4	25.0%	2	12.5%	9	56.3%	1	6.3%
Worcester	3	0	0.0%		0	0.0%	2	66.7%	1	33.3%	0	0.0%
Corrections	1	0	0.0%		0	0.0%	1	100.0%	0	0.0%	0	0.0%
Total	714	54	7.6%		185	25.9%	226	31.7%	198	27.7%	51	7.1%

Table 2 – HIV Diagnoses, among People Aged 13+ during 2023, Linked to Care and Viral Suppression by Jurisdiction of Residence at HIV Diagnosis, Reported through June 30, 2024

Jurisdiction of Residence at HIV Diagnosis	Population Age 13+	HIV Diagnoses among People Aged 13+					
		Diagnoses		Linked to Care – 1 Month		Virally Suppressed – 6 Months	
		No.	% of Total	Rate	No.	%	No.
Allegany	58,795	3	0.4%	5.1	3	100.0%	2
Anne Arundel	499,375	43	6.0%	8.6	34	79.1%	14
Baltimore City	479,680	166	23.2%	34.6	151	91.0%	67
Baltimore	715,617	87	12.2%	12.2	77	88.5%	26
Calvert	79,742	8	1.1%	10.0	5	62.5%	3
Caroline	27,968	5	0.7%	17.9	5	100.0%	3
Carroll	149,057	2	0.3%	1.3	1	50.0%	0
Cecil	89,421	5	0.7%	5.6	2	40.0%	1
Charles	143,980	14	2.0%	9.7	9	64.3%	6
Dorchester	28,074	4	0.6%	14.2	3	75.0%	1
Frederick	245,011	19	2.7%	7.8	17	89.5%	3
Garrett	25,000	0	0.0%	0.0	--	--	--
Harford	223,852	7	1.0%	3.1	5	71.4%	5
Howard	281,677	12	1.7%	4.3	11	91.7%	4
Kent	17,258	1	0.1%	5.8	1	100.0%	0
Montgomery	891,528	99	13.9%	11.1	88	88.9%	48
Prince George's	799,518	194	27.2%	24.3	170	87.6%	85
Queen Anne's	44,924	0	0.0%	0.0	--	--	--
Saint Mary's	95,945	5	0.7%	5.2	5	100.0%	4
Somerset	21,827	7	1.0%	32.1	7	100.0%	2
Talbot	32,985	1	0.1%	3.0	0	0.0%	0
Washington	132,470	12	1.7%	9.1	10	83.3%	3
Wicomico	87,949	16	2.2%	18.2	16	100.0%	7
Worcester	47,792	3	0.4%	6.3	3	100.0%	1
Corrections	--	1	0.1%	--	1	100.0%	0
Total	5,219,445	714	100.0%	13.7	624	87.4%	285
							39.9%

Table 3 – People with New HIV Stage 3 (AIDS), Aged 13+ during 2023, by Previous HIV Diagnosis and Jurisdiction of Residence, Reported through June 30, 2024

Jurisdiction of Residence at Diagnosis	No.	New HIV Stage 3 (AIDS) among People Aged 13+			
		Previously Diagnosed with HIV		Stage 3 (AIDS) at HIV Diagnosis	
	No.	No.	%	No.	%
Allegany	1	1	100.0%	0	0.0%
Anne Arundel	26	11	42.3%	15	57.7%
Baltimore City	106	69	65.1%	37	34.9%
Baltimore	44	20	45.5%	24	54.5%
Calvert	2	0	0.0%	2	100.0%
Caroline	2	1	50.0%	1	50.0%
Carroll	3	3	100.0%	0	0.0%
Cecil	2	1	50.0%	1	50.0%
Charles	9	5	55.6%	4	44.4%
Dorchester	4	3	75.0%	1	25.0%
Frederick	10	3	30.0%	7	70.0%
Garrett	0	--	--	--	--
Harford	6	4	66.7%	2	33.3%
Howard	12	7	58.3%	5	41.7%
Kent	0	--	--	--	--
Montgomery	61	27	44.3%	34	55.7%
Prince George's	117	61	52.1%	56	47.9%
Queen Anne's	1	0	0.0%	1	100.0%
Saint Mary's	4	2	50.0%	2	50.0%
Somerset	2	0	0.0%	2	100.0%
Talbot	0	--	--	--	--
Washington	6	3	50.0%	3	50.0%
Wicomico	13	4	30.8%	9	69.2%
Worcester	2	1	50.0%	1	50.0%
Corrections	0	--	--	--	--
Total	433	226	100.0%	207	100.0%

Table 4 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2023, by Jurisdiction of Residence at Diagnosis and Current Residence, Reported through June 30, 2024

Jurisdiction of Residence	Population Aged 13+	People Aged 13+ Living with Diagnosed HIV							
		Residence at Diagnosis			Current Residence			Ratio (1 in X)	% Change
		No.	% of Total	Rate	No.	% of Total	Rate		
Allegany	58,795	99	0.3%	168.4	594	113	0.4%	192.2	520 14.1%
Anne Arundel	499,375	1,359	4.1%	272.1	367	1,486	4.7%	297.6	336 9.3%
Baltimore City	479,680	11,553	34.6%	2,408.5	42	9,805	30.7%	2,044.1	49 -15.1%
Baltimore	715,617	3,395	10.2%	474.4	211	3,809	11.9%	532.3	188 12.2%
Calvert	79,742	122	0.4%	153.0	654	150	0.5%	188.1	532 23.0%
Caroline	27,968	72	0.2%	257.4	388	67	0.2%	239.6	417 -6.9%
Carroll	149,057	163	0.5%	109.4	914	162	0.5%	108.7	920 -0.6%
Cecil	89,421	134	0.4%	149.9	667	159	0.5%	177.8	562 18.7%
Charles	143,980	560	1.7%	388.9	257	723	2.3%	502.2	199 29.1%
Dorchester	28,074	127	0.4%	452.4	221	159	0.5%	566.4	177 25.2%
Frederick	245,011	410	1.2%	167.3	598	525	1.6%	214.3	467 28.0%
Garrett	25,000	8	0.0%	32.0	3,125	19	0.1%	76.0	1,316 137.5%
Harford	223,852	465	1.4%	207.7	481	550	1.7%	245.7	407 18.3%
Howard	281,677	670	2.0%	237.9	420	751	2.4%	266.6	375 12.1%
Kent	17,258	44	0.1%	255.0	392	54	0.2%	312.9	320 22.7%
Montgomery	891,528	4,307	12.9%	483.1	207	3,781	11.8%	424.1	236 -12.2%
Prince George's	799,518	8,308	24.9%	1,039.1	96	8,234	25.8%	1,029.9	97 -0.9%
Queen Anne's	44,924	57	0.2%	126.9	788	54	0.2%	120.2	832 -5.3%
Saint Mary's	95,945	152	0.5%	158.4	631	168	0.5%	175.1	571 10.5%
Somerset	21,827	84	0.3%	384.8	260	69	0.2%	316.1	316 -17.9%
Talbot	32,985	61	0.2%	184.9	541	74	0.2%	224.3	446 21.3%
Washington	132,470	334	1.0%	252.1	397	406	1.3%	306.5	326 21.6%
Wicomico	87,949	284	0.9%	322.9	310	309	1.0%	351.3	285 8.8%
Worcester	47,792	78	0.2%	163.2	613	99	0.3%	207.1	483 26.9%
Corrections	--	557	1.7%	--	--	230	0.7%	--	--
Total	5,219,445	33,403	100.0%	640.0	156	31,956	100.0%	612.2	163 -4.3%

Table 5 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2023, HIV Stage 3 (AIDS) by Jurisdiction of Residence at Diagnosis, Reported through June 30, 2024

Jurisdiction of Current Residence	No.	People Aged 13+ Living with Diagnosed HIV			
		Never HIV Stage 3 (AIDS)		Ever HIV Stage 3 (AIDS)	
	No.	%	No.	%	
Allegany	113	51	45.1%	62	54.9%
Anne Arundel	1,486	754	50.7%	732	49.3%
Baltimore City	9,805	4,280	43.7%	5,525	56.3%
Baltimore	3,809	1,832	48.1%	1,977	51.9%
Calvert	150	76	50.7%	74	49.3%
Caroline	67	31	46.3%	36	53.7%
Carroll	162	85	52.5%	77	47.5%
Cecil	159	67	42.1%	92	57.9%
Charles	723	365	50.5%	358	49.5%
Dorchester	159	61	38.4%	98	61.6%
Frederick	525	284	54.1%	241	45.9%
Garrett	19	11	57.9%	8	42.1%
Harford	550	262	47.6%	288	52.4%
Howard	751	405	53.9%	346	46.1%
Kent	54	15	27.8%	39	72.2%
Montgomery	3,781	1,998	52.8%	1,783	47.2%
Prince George's	8,234	4,231	51.4%	4,003	48.6%
Queen Anne's	54	29	53.7%	25	46.3%
Saint Mary's	168	78	46.4%	90	53.6%
Somerset	69	29	42.0%	40	58.0%
Talbot	74	34	45.9%	40	54.1%
Washington	406	212	52.2%	194	47.8%
Wicomico	309	150	48.5%	159	51.5%
Worcester	99	51	51.5%	48	48.5%
Corrections	230	120	52.2%	110	47.8%
Total	31,956	15,511	48.5%	16,445	51.5%

Table 6 – Current Stage of HIV during 2023 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2023, by Jurisdiction of Current Residence, Reported through June 30, 2024

Jurisdiction of Current Residence	No.	People Aged 13+ Living with Diagnosed HIV							
		Current Stage of HIV							
		Stage 1		Stage 2		Stage 3		Stage Unknown	
		No.	%	No.	%	No.	%	No.	%
Allegany	113	73	64.6%	22	19.5%	4	3.5%	14	12.4%
Anne Arundel	1,486	799	53.8%	237	15.9%	76	5.1%	374	25.2%
Baltimore City	9,805	4,937	50.4%	1,903	19.4%	570	5.8%	2,395	24.4%
Baltimore	3,809	1,984	52.1%	648	17.0%	167	4.4%	1,010	26.5%
Calvert	150	90	60.0%	27	18.0%	8	5.3%	25	16.7%
Caroline	67	39	58.2%	9	13.4%	4	6.0%	15	22.4%
Carroll	162	83	51.2%	30	18.5%	7	4.3%	42	25.9%
Cecil	159	57	35.8%	31	19.5%	8	5.0%	63	39.6%
Charles	723	394	54.5%	134	18.5%	34	4.7%	161	22.3%
Dorchester	159	95	59.7%	33	20.8%	11	6.9%	20	12.6%
Frederick	525	291	55.4%	93	17.7%	18	3.4%	123	23.4%
Garrett	19	11	57.9%	3	15.8%	1	5.3%	4	21.1%
Harford	550	270	49.1%	90	16.4%	27	4.9%	163	29.6%
Howard	751	423	56.3%	128	17.0%	28	3.7%	172	22.9%
Kent	54	31	57.4%	8	14.8%	6	11.1%	9	16.7%
Montgomery	3,781	1,825	48.3%	752	19.9%	167	4.4%	1,037	27.4%
Prince George's	8,234	4,393	53.4%	1,556	18.9%	388	4.7%	1,897	23.0%
Queen Anne's	54	32	59.3%	11	20.4%	2	3.7%	9	16.7%
Saint Mary's	168	90	53.6%	41	24.4%	6	3.6%	31	18.5%
Somerset	69	31	44.9%	22	31.9%	4	5.8%	12	17.4%
Talbot	74	39	52.7%	16	21.6%	6	8.1%	13	17.6%
Washington	406	229	56.4%	73	18.0%	13	3.2%	91	22.4%
Wicomico	309	135	43.7%	83	26.9%	21	6.8%	70	22.7%
Worcester	99	59	59.6%	18	18.2%	3	3.0%	19	19.2%
Corrections	230	150	65.2%	44	19.1%	7	3.0%	29	12.6%
Total	31,956	16,560	51.8%	6,012	18.8%	1,586	5.0%	7,798	24.4%

Note. HIV Stage 3 in this table includes only people currently in stage 3 and does not represent all AIDS diagnoses (people who were ever in stage 3).

Table 7 – Viral Load Test Results during 2023 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2023, by Jurisdiction of Current Residence, Reported through June 30, 2024

Jurisdiction of Current Residence	People Aged 13+ Living with Diagnosed HIV							
	No.	Recent Viral Load Test Result				Median Unsuppressed Viral Load	No. of People Suppressed	% Suppressed of Total People
		No. with Test	% with Test	No. Suppressed	% Suppressed			
Allegany	113	102	90.3%	98	96.1%	817	98	86.7%
Anne Arundel	1,486	1,140	76.7%	1,044	91.6%	22,550	1,044	70.3%
Baltimore City	9,805	7,933	80.9%	7,075	89.2%	8,200	7,075	72.2%
Baltimore	3,809	3,044	79.9%	2,803	92.1%	11,700	2,803	73.6%
Calvert	150	127	84.7%	123	96.9%	71,800	123	82.0%
Caroline	67	56	83.6%	55	98.2%	1,954	55	82.1%
Carroll	162	132	81.5%	119	90.2%	12,100	119	73.5%
Cecil	159	97	61.0%	83	85.6%	26,450	83	52.2%
Charles	723	573	79.3%	530	92.5%	16,067	530	73.3%
Dorchester	159	131	82.4%	119	90.8%	8,485	119	74.8%
Frederick	525	406	77.3%	365	89.9%	3,790	365	69.5%
Garrett	19	16	84.2%	16	100.0%	--	16	84.2%
Harford	550	396	72.0%	363	91.7%	5,160	363	66.0%
Howard	751	614	81.8%	567	92.3%	6,890	567	75.5%
Kent	54	43	79.6%	39	90.7%	80,341	39	72.2%
Montgomery	3,781	2,766	73.2%	2,580	93.3%	13,329	2,580	68.2%
Prince George's	8,234	6,430	78.1%	5,851	91.0%	10,800	5,851	71.1%
Queen Anne's	54	46	85.2%	45	97.8%	159,000	45	83.3%
Saint Mary's	168	140	83.3%	130	92.9%	13,200	130	77.4%
Somerset	69	55	79.7%	47	85.5%	69,350	47	68.1%
Talbot	74	61	82.4%	60	98.4%	240	60	81.1%
Washington	406	305	75.1%	274	89.8%	10,400	274	67.5%
Wicomico	309	256	82.8%	228	89.1%	13,550	228	73.8%
Worcester	99	81	81.8%	75	92.6%	7,825	75	75.8%
Corrections	230	201	87.4%	183	91.0%	1,220	183	79.6%
Total	31,956	25,151	78.7%	22,872	90.9%	9,805	22,872	71.6%

Section V – HIV in Maryland by Age

Table 8 – HIV Diagnoses during 2023, Stages of HIV by Age at HIV Diagnosis, Reported through June 30, 2024

Age at HIV Diagnosis	Total	HIV Diagnoses among People Aged 13+											
		Stage of HIV at Diagnosis											
		Stage 0 (Acute)			Stage 1			Stage 2		Stage 3 (AIDS)		Stage Unknown	
		No.	No.	%	No.	%	No.	%	No.	%	No.	No.	%
<5 (Pediatric)	2	0	0.0%		1	50.0%	0	0.0%	0	0.0%	1	50.0%	
5-12 (Pediatric)	0	--	--		--	--	--	--	--	--	--	--	--
13-19	22	3	13.6%		4	18.2%	10	45.5%	3	13.6%	2	9.1%	
20-29	224	18	8.0%		75	33.5%	80	35.7%	40	17.9%	11	4.9%	
30-39	242	18	7.4%		67	27.7%	80	33.1%	57	23.6%	20	8.3%	
40-49	112	6	5.4%		23	20.5%	26	23.2%	46	41.1%	11	9.8%	
50-59	73	6	8.2%		11	15.1%	19	26.0%	35	47.9%	2	2.7%	
60-69	35	2	5.7%		5	14.3%	8	22.9%	15	42.9%	5	14.3%	
70+	6	1	16.7%		0	0.0%	3	50.0%	2	33.3%	0	0.0%	
Total	716	54	7.5%		186	26.0%	226	31.6%	198	27.7%	52	7.3%	
Alternate Age Categories													
<13 (Pediatric)	2	0	0.0%		1	50.0%	0	0.0%	0	0.0%	1	50.0%	
13-24	116	11	9.5%		38	32.8%	42	36.2%	17	14.7%	8	6.9%	
25-34	274	24	8.8%		81	29.6%	103	37.6%	51	18.6%	15	5.5%	
35-44	171	9	5.3%		43	25.1%	40	23.4%	60	35.1%	19	11.1%	
45-54	76	7	9.2%		11	14.5%	20	26.3%	34	44.7%	4	5.3%	
55-64	57	1	1.8%		10	17.5%	16	28.1%	26	45.6%	4	7.0%	
65+	20	2	10.0%		2	10.0%	5	25.0%	10	50.0%	1	5.0%	
Total	716	54	7.5%		186	26.0%	226	31.6%	198	27.7%	52	7.3%	

Table 9 – HIV Diagnoses during 2023, Linked to Care and Viral Suppression by Age at HIV Diagnosis, Reported through June 30, 2024

Age at HIV Diagnosis	Population	HIV Diagnoses among People Aged 13+						
		Diagnoses		Linked to Care – 1 Month		Virally Suppressed – 6 Months		
		No.	% of Total	Rate	No.	%	No.	
<5 (Pediatric)	349,713	2	0.3%	0.6	2	100.0%	1	50.0%
5-12 (Pediatric)	611,093	0	0.0%	0.0	--	--	--	--
13-19	554,032	22	3.1%	4.0	21	95.5%	14	63.6%
20-29	744,470	224	31.3%	30.1	193	86.2%	101	45.1%
30-39	852,232	242	33.8%	28.4	212	87.6%	90	37.2%
40-49	789,226	112	15.6%	14.2	99	88.4%	41	36.6%
50-59	806,355	73	10.2%	9.1	63	86.3%	28	38.4%
60-69	753,912	35	4.9%	4.6	30	85.7%	10	28.6%
70+	719,220	6	0.8%	0.8	6	100.0%	1	16.7%
Total	6,180,253	716	100.0%	11.6	626	87.4%	286	39.9%

Alternate Age Categories								
<13 (Pediatric)	960,806	2	0.3%	0.2	2	100.0%	1	50.0%
13-24	920,720	116	16.2%	12.6	98	84.5%	60	51.7%
25-34	800,446	274	38.3%	34.2	243	88.7%	111	40.5%
35-44	847,592	171	23.9%	20.2	146	85.4%	63	36.8%
45-54	767,120	76	10.6%	9.9	70	92.1%	26	34.2%
55-64	817,185	57	8.0%	7.0	48	84.2%	19	33.3%
65+	1,066,384	20	2.8%	1.9	19	95.0%	6	30.0%
Total	6,180,253	716	100.0%	11.6	626	87.4%	286	39.9%

Table 10 – People with New HIV Stage 3 (AIDS), by Previous HIV Diagnosis and Age at AIDS Diagnosis, Reported through June 30, 2024

Age at Diagnosis	No.	New HIV Stage 3 (AIDS) among People Aged 13+			
		Previously Diagnosed with HIV No.	%	Stage 3 (AIDS) at HIV Diagnosis No.	%
<5 (Pediatric)	0	--	--	--	--
5-12 (Pediatric)	1	1	100.0%	0	0.0%
13-19	3	1	33.3%	2	66.7%
20-29	76	32	42.1%	44	57.9%
30-39	132	73	55.3%	59	44.7%
40-49	85	38	44.7%	47	55.3%
50-59	81	45	55.6%	36	44.4%
60-69	51	35	68.6%	16	31.4%
70+	12	9	75.0%	3	25.0%
Total	441	234	53.1%	207	46.9%
Alternate Age Categories					
<13 (Pediatric)	1	1	100.0%	0	0.0%
13-24	28	10	35.7%	18	64.3%
25-34	127	73	57.5%	54	42.5%
35-44	98	37	37.8%	61	62.2%
45-54	77	42	54.5%	35	45.5%
55-64	79	51	64.6%	28	35.4%
65+	31	20	64.5%	11	35.5%
Total	441	234	53.1%	207	46.9%

Table 11 – People Living with Diagnosed HIV, Alive on December 31, 2023, by Age on December 31, 2023, Reported through June 30, 2024

Age on December 31, 2023	Population	People Living with Diagnosed HIV			
		No.	% of Total	Rate	Ratio (1 in X)
<5 (Pediatric)	349,713	8	0.0%	2.3	43,714
5-12 (Pediatric)	611,093	23	0.1%	3.8	26,569
13-19	554,032	117	0.4%	21.1	4,735
20-29	744,470	1,977	6.2%	265.6	377
30-39	852,232	6,161	19.3%	722.9	138
40-49	789,226	6,347	19.8%	804.2	124
50-59	806,355	8,195	25.6%	1,016.3	98
60-69	753,912	6,909	21.6%	916.4	109
70+	719,220	2,250	7.0%	312.8	320
Total	6,180,253	31,987	100.0%	517.6	193

Alternate Age Categories

<13 (Pediatric)	960,806	31	0.1%	3.2	30,994
13-24	920,720	671	2.1%	72.9	1,372
25-34	800,446	4,273	13.4%	533.8	187
35-44	847,592	6,489	20.3%	765.6	131
45-54	767,120	6,872	21.5%	895.8	112
55-64	817,185	8,651	27.0%	1,058.6	94
65+	1,066,384	5,000	15.6%	468.9	213
Total	6,180,253	31,987	100.0%	517.6	193

Table 12 – People Living with Diagnosed HIV, Alive on December 31, 2023, HIV Stage 3 (AIDS) by Age on December 31, 2023, Reported through June 30, 2024

Age on December 31, 2023	No.	People Living with Diagnosed HIV			
		Never HIV Stage 3 (AIDS)		Ever HIV Stage 3 (AIDS)	
	No.	%	No.	%	
<5 (Pediatric)	8	7	87.5%	1	12.5%
5-12 (Pediatric)	23	17	73.9%	6	26.1%
13-19	117	100	85.5%	17	14.5%
20-29	1,977	1,575	79.7%	402	20.3%
30-39	6,161	4,111	66.7%	2,050	33.3%
40-49	6,347	3,321	52.3%	3,026	47.7%
50-59	8,195	3,246	39.6%	4,949	60.4%
60-69	6,909	2,378	34.4%	4,531	65.6%
70+	2,250	780	34.7%	1,470	65.3%
Total	31,987	15,535	48.6%	16,452	51.4%

Alternate Age Categories

<13 (Pediatric)	31	24	77.4%	7	22.6%
13-24	671	583	86.9%	88	13.1%
25-34	4,273	3,108	72.7%	1,165	27.3%
35-44	6,489	3,847	59.3%	2,642	40.7%
45-54	6,872	3,112	45.3%	3,760	54.7%
55-64	8,651	3,131	36.2%	5,520	63.8%
65+	5,000	1,730	34.6%	3,270	65.4%
Total	31,987	15,535	48.6%	16,452	51.4%

Table 13 – Current Stage of HIV during 2023 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2023, by Age on December 31, 2023, Reported through June 30, 2024

Age on December 31, 2023	No.	People Aged 13+ Living with Diagnosed HIV							
		Current Stage of HIV							
		Stage 1		Stage 2		Stage 3		Stage Unknown	
		No.	%	No.	%	No.	%	No.	%
13-19	117	73	62.4%	19	16.2%	0	0.0%	25	21.4%
20-29	1,977	1,104	55.8%	331	16.7%	89	4.5%	453	22.9%
30-39	6,161	3,254	52.8%	1,041	16.9%	326	5.3%	1,540	25.0%
40-49	6,347	3,266	51.5%	1,071	16.9%	314	4.9%	1,696	26.7%
50-59	8,195	4,250	51.9%	1,551	18.9%	434	5.3%	1,960	23.9%
60-69	6,909	3,572	51.7%	1,446	20.9%	325	4.7%	1,566	22.7%
70+	2,250	1,041	46.3%	553	24.6%	98	4.4%	558	24.8%
Total	31,956	16,560	51.8%	6,012	18.8%	1,586	5.0%	7,798	24.4%

Alternate Age Categories									
Age on December 31, 2023	No.	People Aged 13+ Living with Diagnosed HIV							
		Recent Viral Load Test Result				Median Unsuppressed Viral Load		No. of Total People Suppressed	% Suppressed of Total People
		No. with Test	% with Test	No. Suppressed	% Suppressed				
13-24	671	402	59.9%	126	18.8%	18	2.7%	125	18.6%
25-34	4,273	2,290	53.6%	685	16.0%	222	5.2%	1,076	25.2%
35-44	6,489	3,384	52.1%	1,128	17.4%	336	5.2%	1,641	25.3%
45-54	6,872	3,566	51.9%	1,206	17.5%	337	4.9%	1,763	25.7%
55-64	8,651	4,450	51.4%	1,729	20.0%	441	5.1%	2,031	23.5%
65+	5,000	2,468	49.4%	1,138	22.8%	232	4.6%	1,162	23.2%
Total	31,956	16,560	51.8%	6,012	18.8%	1,586	5.0%	7,798	24.4%

Table 14 – Viral Load Test Results during 2023 for People Living with Diagnosed HIV, Alive on December 31, 2023, by Age on December 31, 2023, Reported through June 30, 2024

Age on December 31, 2023	No.	People Aged 13+ Living with Diagnosed HIV							
		Recent Viral Load Test Result				Median Unsuppressed Viral Load		No. of Total People Suppressed	% Suppressed of Total People
		No. with Test	% with Test	No. Suppressed	% Suppressed				
13-19	117	104	88.9%	90	86.5%	4,540		90	76.9%
20-29	1,977	1,580	79.9%	1,302	82.4%	11,850		1,302	65.9%
30-39	6,161	4,779	77.6%	4,112	86.0%	12,100		4,112	66.7%
40-49	6,347	4,857	76.5%	4,424	91.1%	10,500		4,424	69.7%
50-59	8,195	6,537	79.8%	6,034	92.3%	9,620		6,034	73.6%
60-69	6,909	5,592	80.9%	5,279	94.4%	3,853		5,279	76.4%
70+	2,250	1,702	75.6%	1,631	95.8%	2,550		1,631	72.5%
Total	31,956	25,151	78.7%	22,872	90.9%	9,805	22,872	71.6%	

Alternate Age Categories									
Age on December 31, 2023	No.	People Aged 13+ Living with Diagnosed HIV							
		Recent Viral Load Test Result				Median Unsuppressed Viral Load		No. of Total People Suppressed	% Suppressed of Total People
		No. with Test	% with Test	No. Suppressed	% Suppressed				
13-24	671	573	85.4%	483	84.3%	6,960		483	72.0%
25-34	4,273	3,309	77.4%	2,791	84.3%	15,100		2,791	65.3%
35-44	6,489	5,023	77.4%	4,446	88.5%	10,000		4,446	68.5%
45-54	6,872	5,352	77.9%	4,908	91.7%	13,035		4,908	71.4%
55-64	8,651	6,961	80.5%	6,498	93.3%	7,010		6,498	75.1%
65+	5,000	3,933	78.7%	3,746	95.2%	1,670		3,746	74.9%
Total	31,956	25,151	78.7%	22,872	90.9%	9,805	22,872	71.6%	

Section VI – HIV in Maryland by Demographics

Table 15 – HIV Diagnoses, among People Aged 13+ during 2023, Stages of HIV by Assigned Sex at Birth, Gender Identity, Sexual Orientation, Race and Ethnicity, and Country of Birth, Reported through June 30, 2024

Demographic Characteristics	HIV Diagnoses among People Aged 13+										
	Total	Stage of HIV at Diagnosis									
		Stage 0 (Acute)		Stage 1		Stage 2		Stage 3 (AIDS)		Stage Unknown	
	No.	No.	%	No.	%	No.	%	No.	%	No.	%
Assigned Sex at Birth											
Female	163	11	6.7%	47	28.8%	51	31.3%	43	26.4%	11	6.7%
Male	551	43	7.8%	138	25.0%	175	31.8%	155	28.1%	40	7.3%
Gender Identity											
Cisgender Man or Boy	529	43	8.1%	128	24.2%	168	31.8%	153	28.9%	37	7.0%
Cisgender Woman or Girl	162	10	6.2%	47	29.0%	51	31.5%	43	26.5%	11	6.8%
Transgender Man or Boy	1	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Transgender Woman or Girl	19	0	0.0%	10	52.6%	5	26.3%	1	5.3%	3	15.8%
Another Gender Identity	3	0	0.0%	0	0.0%	2	66.7%	1	33.3%	0	0.0%
Sexual Orientation											
Bisexual	47	3	6.4%	15	31.9%	9	19.1%	19	40.4%	1	2.1%
Gay/Homosexual	191	21	11.0%	59	30.9%	64	33.5%	34	17.8%	13	6.8%
Straight/Heterosexual	203	5	2.5%	44	21.7%	78	38.4%	64	31.5%	12	5.9%
Another Sexual Orientation	1	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%
Unknown Sexual Orientation	272	25	9.2%	66	24.3%	75	27.6%	81	29.8%	25	9.2%
Race and Ethnicity											
Hispanic	136	12	8.8%	24	17.6%	46	33.8%	46	33.8%	8	5.9%
Non-Hispanic	578	42	7.3%	161	27.9%	180	31.1%	152	26.3%	43	7.4%
American Indian or Alaska Native, only	0	--	--	--	--	--	--	--	--	--	--
Asian, only	18	1	5.6%	1	5.6%	7	38.9%	8	44.4%	1	5.6%
Black, only	464	33	7.1%	132	28.4%	151	32.5%	116	25.0%	32	6.9%
Native Hawaiian or Another Pacific Islander, only	0	--	--	--	--	--	--	--	--	--	--
White, only	82	5	6.1%	25	30.5%	17	20.7%	25	30.5%	10	12.2%
Multiracial or Another Race	14	3	21.4%	3	21.4%	5	35.7%	3	21.4%	0	0.0%
Country of Birth											
United States	543	45	8.3%	160	29.5%	162	29.8%	136	25.0%	40	7.4%
Foreign-Born People	171	9	5.3%	25	14.6%	64	37.4%	62	36.3%	11	6.4%
Africa	65	1	1.5%	11	16.9%	25	38.5%	23	35.4%	5	7.7%
Asia	15	1	6.7%	1	6.7%	5	33.3%	7	46.7%	1	6.7%
Caribbean	24	0	0.0%	5	20.8%	8	33.3%	9	37.5%	2	8.3%
Central America	51	6	11.8%	3	5.9%	20	39.2%	19	37.3%	3	5.9%
Other	16	1	6.3%	5	31.3%	6	37.5%	4	25.0%	0	0.0%
Unknown	0	--	--	--	--	--	--	--	--	--	--
Total	714	54	7.6%	185	25.9%	226	31.7%	198	27.7%	51	7.1%

Table 16 – HIV Diagnoses, among People Aged 13+ during 2023 by Assigned Sex at Birth and Race and Ethnicity, Reported through June 30, 2024

Race and Ethnicity	HIV Diagnoses among People Aged 13+							
	Assigned Sex at Birth							
	Female		Male		Population 13+	No.	% of Total	Rate
Population 13+	No.	% of Total	Rate					
Hispanic	286,154	25	15.3%	8.7	304,349	111	20.1%	36.5
Non-Hispanic	2,419,366	138	84.7%	5.7	2,209,578	440	79.9%	19.9
American Indian or Alaska Native, only	6,580	0	0.0%	0.0	6,147	0	0.0%	0.0
Asian, only	194,012	5	3.1%	2.6	171,541	13	2.4%	7.6
Black, only	853,571	111	68.1%	13.0	725,507	353	64.1%	48.7
Native Hawaiian or Another Pacific Islander, only	1,436	0	0.0%	0.0	1,207	0	0.0%	0.0
White, only	1,304,213	18	11.0%	1.4	1,251,529	64	11.6%	5.1
Multiracial or Another Race	59,555	4	2.5%	6.7	53,647	10	1.8%	18.6
Total	2,705,520	163	100.0%	6.0	2,513,928	551	100.0%	21.9

Note. Population data by assigned sex at birth, age, and race and ethnicity are from the 2023 United State Census population estimates.

Table 17 – HIV Diagnoses, among People Aged 13+ during 2023, Linked to Care and Viral Suppression by Assigned Sex at Birth, Gender Identity, Sexual Orientation, Race and Ethnicity, and Country of Birth, Reported through June 30, 2024

Demographic Characteristics	Population Age 13+	HIV Diagnoses among People Aged 13+						
		Diagnoses		Linked to Care – 1 Month		Virally Suppressed – 6 Months		
		No.	% of Total	Rate	No.	%	No.	
Assigned Sex at Birth								
Female	2,705,520	163	22.8%	6.0	142	87.1%	67	41.1%
Male	2,513,928	551	77.2%	21.9	482	87.5%	218	39.6%
Gender Identity								
Cisgender Man or Boy	2,513,928	529	74.1%	21.0	465	87.9%	207	39.1%
Cisgender Woman or Girl	2,705,520	162	22.7%	6.0	141	87.0%	67	41.4%
Transgender Man or Boy	--	1	0.1%	--	1	100.0%	0	0.0%
Transgender Woman or Girl	--	19	2.7%	--	15	78.9%	8	42.1%
Another Gender Identity	--	3	0.4%	--	2	66.7%	3	100.0%
Sexual Orientation								
Bisexual	--	47	6.6%	--	44	93.6%	15	31.9%
Gay/Homosexual	--	191	26.8%	--	164	85.9%	83	43.5%
Straight/Heterosexual	--	203	28.4%	--	179	88.2%	82	40.4%
Another Sexual Orientation	--	1	0.1%	--	1	100.0%	1	100.0%
Unknown Sexual Orientation	--	272	38.1%	--	236	86.8%	104	38.2%
Race and Ethnicity								
Hispanic	590,503	136	19.0%	23.0	126	92.6%	50	36.8%
Non-Hispanic	4,628,944	578	81.0%	12.5	498	86.2%	235	40.7%
American Indian or Alaska Native, only	12,726	0	0.0%	0.0	--	--	--	--
Asian, only	365,553	18	2.5%	4.9	16	88.9%	11	61.1%
Black, only	1,579,078	464	65.0%	29.4	399	86.0%	188	40.5%
Native Hawaiian or Another Pacific Islander, only	2,642	0	0.0%	0.0	--	--	--	--
White, only	2,555,742	82	11.5%	3.2	69	84.1%	30	36.6%
Multiracial or Another Race	113,202	14	2.0%	12.4	14	100.0%	6	42.9%
Total	5,219,447	714	100.0%	13.7	624	87.4%	285	39.9%
Country of Birth								
United States	4,223,668	543	76.1%	12.9	465	85.6%	218	40.1%
Foreign-Born People	977,929	171	23.9%	17.5	159	93.0%	67	39.2%
Africa	--	65	9.1%	--	56	86.2%	27	41.5%
Asia	--	15	2.1%	--	14	93.3%	9	60.0%
Caribbean	--	24	3.4%	--	24	100.0%	7	29.2%
Central America	--	51	7.1%	--	49	96.1%	16	31.4%
Other	--	16	2.2%	--	16	100.0%	8	50.0%
Unknown	--	0	0.0%	--	--	--	--	--
Total	5,201,597	714	100.0%	13.7	624	87.4%	285	39.9%

Note. Population data by assigned sex at birth, age, and race and ethnicity are from the 2023 United States Census population estimates. Population data by gender identity and sexual orientation are unavailable. Population data by country of birth are from the 2022 American Community Survey.

Table 18 – People with New HIV Stage 3 (AIDS), Aged 13+ during 2023, by Previous HIV Diagnosis, Assigned Sex at Birth, Gender Identity, Race and Ethnicity, and Country of Birth, Reported through June 30, 2024

Demographic Characteristics	New HIV Stage 3 (AIDS) Diagnoses among People Aged 13+				
	No.	Previously Diagnosed with HIV		Stage 3 (AIDS) at HIV Diagnosis	
		No.	%	No.	%
Assigned Sex at Birth					
Female	121	74	61.2%	47	38.8%
Male	312	152	48.7%	160	51.3%
Gender Identity					
Cisgender Man or Boy	309	151	48.9%	158	51.1%
Cisgender Woman or Girl	121	74	61.2%	47	38.8%
Transgender Man or Boy	0	--	--	--	--
Transgender Woman or Girl	2	1	50.0%	1	50.0%
Another Gender Identity	1	0	0.0%	1	100.0%
Race and Ethnicity					
Hispanic	64	17	26.6%	47	73.4%
Non-Hispanic	369	209	56.6%	160	43.4%
American Indian or Alaska Native, only	0	--	--	--	--
Asian, only	9	1	11.1%	8	88.9%
Black, only	298	176	59.1%	122	40.9%
Native Hawaiian or Another Pacific Islander, only	0	--	--	--	--
White, only	47	21	44.7%	26	55.3%
Multiracial or Another Race	15	11	73.3%	4	26.7%
Country of Birth					
United States	321	178	55.5%	143	44.5%
Foreign-Born People	107	43	40.2%	64	59.8%
Africa	53	29	54.7%	24	45.3%
Asia	8	1	12.5%	7	87.5%
Caribbean	13	4	30.8%	9	69.2%
Central America	25	5	20.0%	20	80.0%
Other	8	4	50.0%	4	50.0%
Unknown	5	5	100.0%	0	0.0%
Total	433	226	52.2%	207	47.8%

Table 19 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2023, by Assigned Sex at Birth, Gender Identity, Race and Ethnicity, and Country of Birth, Reported through June 30, 2024

Demographic Characteristics	Population Aged 13+	People Aged 13+ Living with Diagnosed HIV			
		No.	% of Total	Rate	Ratio (1 in X)
Assigned Sex at Birth					
Female	2,705,520	10,705	33.5%	395.7	253
Male	2,513,928	21,251	66.5%	845.3	118
Gender Identity					
Cisgender Man or Boy	2,513,928	20,884	65.4%	830.7	120
Cisgender Woman or Girl	2,705,520	10,682	33.4%	394.8	253
Transgender Man or Boy	--	23	0.1%	--	--
Transgender Woman or Girl	--	363	1.1%	--	--
Another Gender Identity	--	4	0.0%	--	--
Race and Ethnicity					
Hispanic	590,503	2,687	8.4%	455.0	220
Non-Hispanic	4,628,944	29,269	91.6%	632.3	158
American Indian or Alaska Native, only	12,726	15	0.0%	117.9	848
Asian, only	365,553	285	0.9%	78.0	1,283
Black, only	1,579,078	23,556	73.7%	1,491.8	67
Native Hawaiian or Another Pacific Islander, only	2,642	2	0.0%	75.7	1,321
White, only	2,555,742	3,717	11.6%	145.4	688
Multiracial or Another Race	113,202	1,694	5.3%	1,496.4	67
Total	5,219,447	31,956	100.0%	612.2	163
Country of Birth					
United States	4,223,668	26,396	82.6%	625.0	160
Foreign-Born People	977,929	4,748	14.9%	485.5	206
Africa	--	2,842	8.9%	--	--
Asia	--	237	0.7%	--	--
Caribbean	--	371	1.2%	--	--
Central America	--	867	2.7%	--	--
Other	--	431	1.3%	--	--
Unknown	--	812	2.5%	--	--
Total	5,201,597	31,956	100.0%	614.3	163

Note. Population data by assigned sex at birth, age, and race and ethnicity are from the 2023 United States Census population estimates. Population data by gender are unavailable. Population data by country of birth are from the 2022 American Community Survey.

Table 20 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2023, by Assigned Sex at Birth and Race and Ethnicity, Reported through June 30, 2024

Race and Ethnicity	People Aged 13+ Living with Diagnosed HIV							
	Assigned Sex at Birth							
	Female				Male			
	Population 13+	No.	% of Total	Rate	Population 13+	No.	% of Total	Rate
Hispanic	286,154	578	5.4%	202.0	304,349	2,109	9.9%	693.0
Non-Hispanic	2,419,366	10,127	94.6%	418.6	2,209,578	19,142	90.1%	866.3
American Indian or Alaska Native, only	6,580	5	0.0%	76.0	6,147	10	0.0%	162.7
Asian, only	194,012	50	0.5%	25.8	171,541	235	1.1%	137.0
Black, only	853,571	8,842	82.6%	1,035.9	725,507	14,714	69.2%	2,028.1
Native Hawaiian or Another Pacific Islander, only	1,436	0	0.0%	0.0	1,207	2	0.0%	165.8
White, only	1,304,213	728	6.8%	55.8	1,251,529	2,989	14.1%	238.8
Multiracial or Another Race	59,555	502	4.7%	842.9	53,647	1,192	5.6%	2,221.9
Total	2,705,520	10,705	100.0%	395.7	2,513,928	21,251	100.0%	845.3

Note. Population data by assigned sex at birth, age, and race and ethnicity are from the 2023 United States Census population estimates.

Table 21 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2023, HIV Stage 3 (AIDS) by Assigned Sex at Birth, Gender Identity, Race and Ethnicity, and Country of Birth, Reported through June 30, 2024

Demographic Characteristics	People Aged 13+ Living with Diagnosed HIV				
	No.	Never HIV Stage 3 (AIDS)		Ever HIV Stage 3 (AIDS)	
		No.	%	No.	%
Assigned Sex at Birth					
Female	10,705	4,951	46.2%	5,754	53.8%
Male	21,251	10,560	49.7%	10,691	50.3%
Gender Identity					
Cisgender Man or Boy	20,884	10,316	49.4%	10,568	50.6%
Cisgender Woman or Girl	10,682	4,933	46.2%	5,749	53.8%
Transgender Man or Boy	23	18	78.3%	5	21.7%
Transgender Woman or Girl	363	241	66.4%	122	33.6%
Another Gender Identity	4	3	75.0%	1	25.0%
Race and Ethnicity					
Hispanic	2,687	1,413	52.6%	1,274	47.4%
Non-Hispanic	29,269	14,098	48.2%	15,171	51.8%
American Indian or Alaska Native, only	15	9	60.0%	6	40.0%
Asian, only	285	176	61.8%	109	38.2%
Black, only	23,556	11,234	47.7%	12,322	52.3%
Native Hawaiian or Another Pacific Islander, only	2	1	50.0%	1	50.0%
White, only	3,717	1,949	52.4%	1,768	47.6%
Multiracial or Another Race	1,694	729	43.0%	965	57.0%
Country of Birth					
United States	26,396	12,557	47.6%	13,839	52.4%
Foreign-Born People	4,748	2,430	51.2%	2,318	48.8%
Africa	2,842	1,446	50.9%	1,396	49.1%
Asia	237	128	54.0%	109	46.0%
Caribbean	371	185	49.9%	186	50.1%
Central America	867	417	48.1%	450	51.9%
Other	431	254	58.9%	177	41.1%
Unknown	812	524	64.5%	288	35.5%
Total	31,956	15,511	48.5%	16,445	51.5%

Table 22 – Current Stage of HIV during 2023 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2023, by Assigned Sex at Birth, Gender Identity, Race and Ethnicity, and Country of Birth, Reported through June 30, 2024

Demographic Characteristics	No.	People Aged 13+ Living with Diagnosed HIV							
		Current Stage of HIV							
		Stage 1		Stage 2		Stage 3		Stage Unknown	
Assigned Sex at Birth									
Female	10,705	5,901	55.1%	1,776	16.6%	510	4.8%	2,518	23.5%
Male	21,251	10,659	50.2%	4,236	19.9%	1,076	5.1%	5,280	24.8%
Gender Identity									
Cisgender Man or Boy	20,884	10,452	50.0%	4,177	20.0%	1,058	5.1%	5,197	24.9%
Cisgender Woman or Girl	10,682	5,888	55.1%	1,771	16.6%	510	4.8%	2,513	23.5%
Transgender Man or Boy	23	13	56.5%	5	21.7%	0	0.0%	5	21.7%
Transgender Woman or Girl	363	204	56.2%	58	16.0%	18	5.0%	83	22.9%
Another Gender Identity	4	3	75.0%	1	25.0%	0	0.0%	0	0.0%
Race and Ethnicity									
Hispanic	2,687	1,350	50.2%	532	19.8%	146	5.4%	659	24.5%
Non-Hispanic	29,269	15,210	52.0%	5,480	18.7%	1,440	4.9%	7,139	24.4%
American Indian or Alaska Native, only	15	8	53.3%	0	0.0%	0	0.0%	7	46.7%
Asian, only	285	137	48.1%	71	24.9%	13	4.6%	64	22.5%
Black, only	23,556	12,260	52.0%	4,411	18.7%	1,173	5.0%	5,712	24.2%
Native Hawaiian or Another Pacific Islander, only	2	1	50.0%	0	0.0%	0	0.0%	1	50.0%
White, only	3,717	1,938	52.1%	653	17.6%	144	3.9%	982	26.4%
Multiracial or Another Race	1,694	866	51.1%	345	20.4%	110	6.5%	373	22.0%
Country of Birth									
United States	26,396	13,884	52.6%	4,907	18.6%	1,340	5.1%	6,265	23.7%
Foreign-Born People	4,748	2,263	47.7%	959	20.2%	218	4.6%	1,308	27.5%
Africa	2,842	1,360	47.9%	567	20.0%	129	4.5%	786	27.7%
Asia	237	112	47.3%	64	27.0%	7	3.0%	54	22.8%
Caribbean	371	169	45.6%	72	19.4%	21	5.7%	109	29.4%
Central America	867	405	46.7%	196	22.6%	50	5.8%	216	24.9%
Other	431	217	50.3%	60	13.9%	11	2.6%	143	33.2%
Unknown	812	413	50.9%	146	18.0%	28	3.4%	225	27.7%
Total	31,956	16,560	51.8%	6,012	18.8%	1,586	5.0%	7,798	24.4%

Table 23 – Viral Load Test Results during 2023 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2023, by Assigned Sex at Birth, Gender Identity, Race and Ethnicity, and Country of Birth, Reported through June 30, 2024

Demographic Characteristics	People Aged 13+ Living with Diagnosed HIV							
	No.	Recent Viral Load Test Result				Median Unsuppressed Viral Load	No. of Total People Suppressed	% Suppressed of Total People
		No. with Test	% with Test	No. Suppressed	% Suppressed			
Assigned Sex at Birth								
Female	10,705	8,567	80.0%	7,767	90.7%	7,235	7,767	72.6%
Male	21,251	16,584	78.0%	15,105	91.1%	11,900	15,105	71.1%
Gender Identity								
Cisgender Man or Boy	20,884	16,286	78.0%	14,864	91.3%	11,900	14,864	71.2%
Cisgender Woman or Girl	10,682	8,548	80.0%	7,749	90.7%	7,250	7,749	72.5%
Transgender Man or Boy	23	19	82.6%	18	94.7%	763	18	78.3%
Transgender Woman or Girl	363	294	81.0%	237	80.6%	10,400	237	65.3%
Another Gender Identity	4	4	100.0%	4	100.0%	--	4	100.0%
Race and Ethnicity								
Hispanic	2,687	2,103	78.3%	1,911	90.9%	7,625	1,911	71.1%
Non-Hispanic	29,269	23,048	78.7%	20,961	90.9%	10,100	20,961	71.6%
American Indian or Alaska Native, only	15	9	60.0%	8	88.9%	230	8	53.3%
Asian, only	285	228	80.0%	218	95.6%	2,670	218	76.5%
Black, only	23,556	18,524	78.6%	16,746	90.4%	10,200	16,746	71.1%
Native Hawaiian or Another Pacific Islander, only	2	1	50.0%	1	100.0%	--	1	50.0%
White, only	3,717	2,891	77.8%	2,710	93.7%	6,680	2,710	72.9%
Multiracial or Another Race	1,694	1,395	82.3%	1,278	91.6%	21,100	1,278	75.4%
Country of Birth								
United States	26,396	21,004	79.6%	19,066	90.8%	10,350	19,066	72.2%
Foreign-Born People	4,748	3,525	74.2%	3,233	91.7%	6,395	3,233	68.1%
Africa	2,842	2,086	73.4%	1,917	91.9%	4,760	1,917	67.5%
Asia	237	192	81.0%	184	95.8%	1,589	184	77.6%
Caribbean	371	272	73.3%	245	90.1%	24,200	245	66.0%
Central America	867	676	78.0%	606	89.6%	8,085	606	69.9%
Other	431	299	69.4%	281	94.0%	7,185	281	65.2%
Unknown	812	622	76.6%	573	92.1%	11,000	573	70.6%
Total	31,956	25,151	78.7%	22,872	90.9%	9,805	22,872	71.6%

Table 24 – Females Living with Diagnosed HIV by Age on December 31, 2023 and Race and Ethnicity, Alive on December 31, 2023, and Reported through June 30, 2024

Age on December 31, 2023	Females Living with Diagnosed HIV					Total Females by Age Group
	Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race		
<13 (Pediatric)	Population	92,938	141,506	178,220	57,666	470,330
	Number	0	13	1	1	15
	Rate	0.0	9.2	0.6	1.7	3.2
	Ratio (1 in X)	--	10,885	178,220	57,666	31,355
13-19	Population	47,112	83,644	108,247	32,277	271,280
	Number	5	42	6	5	58
	Rate	10.6	50.2	5.5	15.5	21.4
	Ratio (1 in X)	9,422	1,992	18,041	6,455	4,677
20-29	Population	52,327	122,789	156,860	40,108	372,084
	Number	38	308	21	13	380
	Rate	72.6	250.8	13.4	32.4	102.1
	Ratio (1 in X)	1,377	399	7,470	3,085	979
30-39	Population	53,156	143,695	190,127	45,800	432,778
	Number	103	1,117	106	68	1,394
	Rate	193.8	777.3	55.8	148.5	322.1
	Ratio (1 in X)	516	129	1,794	674	310
40-49	Population	54,024	130,161	173,149	45,101	402,435
	Number	150	1,984	168	124	2,426
	Rate	277.7	1,524.3	97.0	274.9	602.8
	Ratio (1 in X)	360	66	1,031	364	166
50-59	Population	38,462	137,814	201,715	38,402	416,393
	Number	159	2,685	213	171	3,228
	Rate	413.4	1,948.3	105.6	445.3	775.2
	Ratio (1 in X)	242	51	947	225	129
60-69	Population	23,861	123,741	219,477	30,166	397,245
	Number	90	2,020	165	135	2,410
	Rate	377.2	1,632.4	75.2	447.5	606.7
	Ratio (1 in X)	265	61	1,330	223	165
70+	Population	17,212	111,727	254,638	29,728	413,305
	Number	33	686	49	41	809
	Rate	191.7	614.0	19.2	137.9	195.7
	Ratio (1 in X)	522	163	5,197	725	511
Total Females by Race and Ethnicity	Population	379,092	995,077	1,482,433	319,248	3,175,850
	Number	578	8,855	729	558	10,720
	Rate	152.5	889.9	49.2	174.8	337.5
	Ratio (1 in X)	656	112	2,034	572	296

Table 25 – Females Aged 13+ Living with Diagnosed HIV by Alternate Age Categories by Age on December 31, 2023 and Race and Ethnicity, Alive on December 31, 2023, and Reported through June 30, 2024

Age on December 31, 2023	Females Living with Diagnosed HIV					Total Females by Age Group
	Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race		
13-24	Population	73,991	142,433	184,875	51,876	453,175
	Number	14	134	10	6	164
	Rate	18.9	94.1	5.4	11.6	36.2
	Ratio (1 in X)	5,285	1,063	18,488	8,646	2,763
25-34	Population	51,238	137,301	172,694	42,884	404,117
	Number	81	683	49	38	851
	Rate	158.1	497.4	28.4	88.6	210.6
	Ratio (1 in X)	633	201	3,524	1,129	475
35-44	Population	56,067	138,471	189,886	46,958	431,382
	Number	127	1,505	146	107	1,885
	Rate	226.5	1,086.9	76.9	227.9	437.0
	Ratio (1 in X)	441	92	1,301	439	229
45-54	Population	46,462	129,604	175,564	42,144	393,774
	Number	161	2,384	191	152	2,888
	Rate	346.5	1,839.4	108.8	360.7	733.4
	Ratio (1 in X)	289	54	919	277	136
55-64	Population	31,244	137,494	221,790	34,243	424,771
	Number	132	2,623	218	158	3,131
	Rate	422.5	1,907.7	98.3	461.4	737.1
	Ratio (1 in X)	237	52	1,017	217	136
65+	Population	27,152	168,268	359,404	43,477	598,301
	Number	63	1,513	114	96	1,786
	Rate	232.0	899.2	31.7	220.8	298.5
	Ratio (1 in X)	431	111	3,153	453	335
Total Females by Race and Ethnicity	Population	286,154	853,571	1,304,213	261,582	2,705,520
	Number	578	8,842	728	557	10,705
	Rate	202.0	1,035.9	55.8	212.9	395.7
	Ratio (1 in X)	495	97	1,792	470	253

Table 26 – Males Living with Diagnosed HIV by Age on December 31, 2023 and Race and Ethnicity, Alive on December 31, 2023, and Reported through June 30, 2024

Age on December 31, 2023	Males Living with Diagnosed HIV					Total Males by Age Group
	Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race		
<13 (Pediatric)	Population	97,832	144,814	187,408	60,422	490,475
	Number	2	11	1	2	16
	Rate	2.0	7.6	0.5	3.3	3.3
	Ratio (1 in X)	48,916	13,165	187,408	30,211	30,655
13-19	Population	49,745	85,461	114,020	33,526	282,753
	Number	12	43	3	1	59
	Rate	24.1	50.3	2.6	3.0	20.9
	Ratio (1 in X)	4,145	1,987	38,007	33,526	4,792
20-29	Population	54,392	116,657	162,959	38,378	372,386
	Number	262	1,153	97	85	1,597
	Rate	481.7	988.4	59.5	221.5	428.9
	Ratio (1 in X)	208	101	1,680	452	233
30-39	Population	56,698	130,018	191,872	40,866	419,454
	Number	586	3,482	407	292	4,767
	Rate	1,033.5	2,678.1	212.1	714.5	1,136.5
	Ratio (1 in X)	97	37	471	140	88
40-49	Population	64,268	111,031	173,174	38,318	386,791
	Number	539	2,592	503	287	3,921
	Rate	838.7	2,334.5	290.5	749.0	1,013.7
	Ratio (1 in X)	119	43	344	134	99
50-59	Population	43,466	115,954	197,442	33,100	389,962
	Number	434	3,331	837	365	4,967
	Rate	998.5	2,872.7	423.9	1,102.7	1,273.7
	Ratio (1 in X)	100	35	236	91	79
60-69	Population	23,371	97,954	209,667	25,675	356,667
	Number	220	3,132	833	314	4,499
	Rate	941.3	3,197.4	397.3	1,223.0	1,261.4
	Ratio (1 in X)	106	31	252	82	79
70+	Population	12,409	68,432	202,395	22,679	305,915
	Number	56	981	309	95	1,441
	Rate	451.3	1,433.5	152.7	418.9	471.0
	Ratio (1 in X)	222	70	655	239	212
Total Males by Race and Ethnicity	Population	402,181	870,321	1,438,937	292,964	3,004,403
	Number	2,111	14,725	2,990	1,441	21,267
	Rate	524.9	1,691.9	207.8	491.9	707.9
	Ratio (1 in X)	191	59	481	203	141

Table 27 – Males Aged 13+ Living with Diagnosed HIV by Alternate Age Categories by Age on December 31, 2023 and Race and Ethnicity, Alive on December 31, 2023, and Reported through June 30, 2024

Age on December 31, 2023	Males Living with Diagnosed HIV				
	Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race	Total Males by Age Group
13-24	Population	78,076	142,675	193,687	53,107
	Number	83	375	26	23
	Rate	106.3	262.8	13.4	43.3
	Ratio (1 in X)	941	380	7,450	2,309
25-34	Population	52,722	127,976	176,588	39,043
	Number	471	2,491	249	211
	Rate	893.4	1,946.5	141.0	540.4
	Ratio (1 in X)	112	51	709	185
35-44	Population	64,505	120,307	190,815	40,583
	Number	565	3,281	469	289
	Rate	875.9	2,727.2	245.8	712.1
	Ratio (1 in X)	114	37	407	140
45-54	Population	53,998	109,411	173,674	36,263
	Number	508	2,571	608	297
	Rate	940.8	2,349.9	350.1	819.0
	Ratio (1 in X)	106	43	286	122
55-64	Population	33,213	114,282	215,931	28,988
	Number	350	3,773	997	400
	Rate	1,053.8	3,301.5	461.7	1,379.9
	Ratio (1 in X)	95	30	217	72
65+	Population	21,835	110,856	300,834	34,558
	Number	132	2,223	640	219
	Rate	604.5	2,005.3	212.7	633.7
	Ratio (1 in X)	165	50	470	158
Total Males by Race and Ethnicity	Population	304,349	725,507	1,251,529	232,542
	Number	2,109	14,714	2,989	1,439
	Rate	693.0	2,028.1	238.8	618.8
	Ratio (1 in X)	144	49	419	162
					118

Section VII – HIV in Maryland by Exposure Category

Table 28 – HIV Diagnoses, among People Aged 13+ during 2023, Stages of HIV by Estimated or Reported Exposure Category and Assigned Sex at Birth, Reported through June 30, 2024

Estimated or Reported Exposure Category	Total	HIV Diagnoses among People Aged 13+										
		Stage of HIV at Diagnosis										
		Stage 0 (Acute)			Stage 1		Stage 2		Stage 3 (AIDS)		Stage Unknown	
		No.	No.	%	No.	%	No.	%	No.	%	No.	%
Males with Male Sexual Contact (MMSC)	388	36	9.4%		112	28.8%	129	33.1%	86	22.1%	26	6.6%
Injection Drug Use (IDU)	30	6	19.9%		6	18.5%	6	20.9%	8	25.9%	4	14.8%
Males with Male Sexual Contact and Injection Drug Use (MMSC/IDU)	6	0	0.0%		2	40.0%	1	18.2%	2	38.2%	0	0.0%
Heterosexual Contact (HET)	290	12	4.0%		65	22.5%	90	31.1%	103	35.3%	21	7.2%
Perinatal Transmission	0	--	--		--	--	--	--	--	--	--	--
Other Exposure	0	--	--		--	--	--	--	--	--	--	--
No Estimated or Reported Exposure	0	--	--		--	--	--	--	--	--	--	--
Total	714	54	7.6%		185	25.9%	226	31.7%	198	27.7%	51	7.1%
Female Estimated or Reported Exposure Category												
Injection Drug Use (IDU)	12	3	25.0%		3	25.0%	2	20.0%	3	21.7%	1	8.3%
Heterosexual Contact (HET)	151	8	5.3%		44	29.1%	49	32.2%	40	26.8%	10	6.6%
Perinatal Transmission	0	--	--		--	--	--	--	--	--	--	--
Other Exposure	0	--	--		--	--	--	--	--	--	--	--
No Estimated or Reported Exposure	0	--	--		--	--	--	--	--	--	--	--
Total	163	11	6.7%		47	28.8%	51	31.3%	43	26.4%	11	6.7%
Male Estimated or Reported Exposure Category												
Males with Male Sexual Contact (MMSC)	388	36	9.4%		112	28.8%	129	33.1%	86	22.1%	26	6.6%
Injection Drug Use (IDU)	18	3	16.4%		3	14.1%	4	21.5%	5	28.8%	3	19.2%
Males with Male Sexual Contact and Injection Drug Use (MMSC/IDU)	6	0	0.0%		2	40.0%	1	18.2%	2	38.2%	0	0.0%
Heterosexual Contact (HET)	139	4	2.6%		21	15.3%	42	29.8%	62	44.5%	11	7.7%
Perinatal Transmission	0	--	--		--	--	--	--	--	--	--	--
Other Exposure	0	--	--		--	--	--	--	--	--	--	--
No Estimated or Reported Exposure	0	--	--		--	--	--	--	--	--	--	--
Total	551	43	7.8%		138	25.0%	175	31.8%	155	28.1%	40	7.3%

Note. 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. Exposure category is based on assigned sex at birth. For exposure category by gender identity, please see the Maryland HIV Epidemiological Profile Gender Diverse People Supplement.

Table 29 – HIV Diagnoses, among People Aged 13+ during 2023, Linked to Care and Viral Suppression by Estimated or Reported Exposure Category and Assigned Sex at Birth, Reported through June 30, 2024

Estimated or Reported Exposure Category	HIV Diagnoses among People Aged 13+					
	Diagnoses		Linked to Care – 1 Month		Virally Suppressed – 6 Months	
	No.	% of Total	No.	%	No.	%
Males with Male Sexual Contact (MMSC)	388	54.4%	338	87.0%	165	42.6%
Injection Drug Use (IDU)	30	4.2%	23	78.5%	8	27.6%
Males with Male Sexual Contact and Injection Drug Use (MMSC/IDU)	6	0.8%	6	100.0%	1	23.6%
Heterosexual Contact (HET)	290	40.7%	257	88.6%	110	37.9%
Perinatal Transmission	0	0.0%	0	--	--	--
Other Exposure	0	0.0%	0	--	--	--
No Estimated or Reported Exposure	0	0.0%	0	--	--	--
Total	714	100.0%	624	87.4%	285	39.9%
Female Estimated or Reported Exposure Category						
Injection Drug Use (IDU)	12	7.4%	10	82.5%	3	26.7%
Heterosexual Contact (HET)	151	92.6%	132	87.5%	64	42.3%
Perinatal Transmission	0	0.0%	0	--	--	--
Other Exposure	0	0.0%	0	--	--	--
No Estimated or Reported Exposure	0	0.0%	0	--	--	--
Total	163	100.0%	142	87.1%	67	41.1%
Male Estimated or Reported Exposure Category						
Males with Male Sexual Contact (MMSC)	388	70.5%	338	87.0%	165	42.6%
Injection Drug Use (IDU)	18	3.2%	13	75.7%	5	28.2%
Males with Male Sexual Contact and Injection Drug Use (MMSC/IDU)	6	1.0%	6	100.0%	1	23.6%
Heterosexual Contact (HET)	139	25.3%	125	89.7%	46	33.2%
Perinatal Transmission	0	0.0%	0	--	--	--
Other Exposure	0	0.0%	0	--	--	--
No Estimated or Reported Exposure	0	0.0%	0	--	--	--
Total	551	100.0%	482	87.5%	218	39.6%

Note. 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. Exposure category is based on assigned sex at birth. For exposure category by gender identity, please see the Maryland HIV Epidemiological Profile Gender Diverse People Supplement.

Table 30 – People with New HIV Stage 3 (AIDS), Aged 13+ during 2023, by Previous HIV Diagnosis, Estimated or Reported Exposure Category and Assigned Sex at Birth, Reported through June 30, 2024

Estimated or Reported Exposure Category	No.	New HIV Stage 3 (AIDS) among People Aged 13+			
		Previously Diagnosed with HIV		Stage 3 (AIDS) at HIV Diagnosis	
		No.	%	No.	%
Males with Male Sexual Contact (MMSC)	174	86	49.1%	89	50.9%
Injection Drug Use (IDU)	36	28	75.8%	9	24.2%
Males with Male Sexual Contact and Injection Drug Use (MMSC/IDU)	8	6	74.7%	2	25.3%
Heterosexual Contact (HET)	212	105	49.3%	107	50.7%
Perinatal Transmission	2	2	100.0%	0	0.0%
Other Exposure	0	--	--	--	--
No Estimated or Reported Exposure	0	--	--	--	--
Total	433	226	52.2%	207	47.8%
Female Estimated or Reported Exposure Category					
Injection Drug Use (IDU)	14	11	74.1%	4	25.9%
Heterosexual Contact (HET)	105	61	58.6%	43	41.4%
Perinatal Transmission	2	2	100.0%	0	0.0%
Other Exposure	0	--	--	--	--
No Estimated or Reported Exposure	0	--	--	--	--
Total	121	74	61.2%	47	38.8%
Male Estimated or Reported Exposure Category					
Males with Male Sexual Contact (MMSC)	174	86	49.1%	89	50.9%
Injection Drug Use (IDU)	22	17	76.8%	5	23.2%
Males with Male Sexual Contact and Injection Drug Use (MMSC/IDU)	8	6	74.7%	2	25.3%
Heterosexual Contact (HET)	107	43	40.3%	64	59.7%
Perinatal Transmission	0	--	--	--	--
Other Exposure	0	--	--	--	--
No Estimated or Reported Exposure	0	--	--	--	--
Total	312	152	48.7%	160	51.3%

Note. 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. Exposure category is based on assigned sex at birth. For exposure category by gender identity, please see the Maryland HIV Epidemiological Profile Gender Diverse People Supplement.

Table 31 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2023, by Estimated or Reported Exposure Category and Assigned Sex at Birth, Reported through June 30, 2024

Estimated or Reported Exposure Category	People Aged 13+ Living with Diagnosed HIV	
	No.	% of Total
Males with Male Sexual Contact (MMSC)	13,367	41.8%
Injection Drug Use (IDU)	4,432	13.9%
Males with Male Sexual Contact and Injection Drug Use (MMSC/IDU)	1,053	3.3%
Heterosexual Contact (HET)	12,544	39.3%
Perinatal Transmission	435	1.4%
Other Exposure	39	0.1%
No Estimated or Reported Exposure	86	0.3%
Total	31,956	100.0%

Female Estimated or Reported Exposure Category

Injection Drug Use (IDU)	1,895	17.7%
Heterosexual Contact (HET)	8,494	79.3%
Perinatal Transmission	256	2.4%
Other Exposure	17	0.2%
No Estimated or Reported Exposure	43	0.4%
Total	10,705	100.0%

Male Estimated or Reported Exposure Category

Males with Male Sexual Contact (MMSC)	13,367	62.9%
Injection Drug Use (IDU)	2,538	11.9%
Males with Male Sexual Contact and Injection Drug Use (MMSC/IDU)	1,053	5.0%
Heterosexual Contact (HET)	4,049	19.1%
Perinatal Transmission	179	0.8%
Other Exposure	22	0.1%
No Estimated or Reported Exposure	43	0.2%
Total	21,251	100.0%

Note. 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. Exposure category is based on assigned sex at birth. For exposure category by gender identity, please see the Maryland HIV Epidemiological Profile Gender Diverse People Supplement.

Table 32 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2023, by Estimated or Reported Exposure Category, Race and Ethnicity, and Assigned Sex at Birth, Reported through June 30, 2024

Estimated or Reported Exposure Category	People Aged 13+ Living with Diagnosed HIV					
	Hispanic		Race and Ethnicity		Non-Hispanic, White, only	
	No.	% of Total	No.	% of Total	No.	% of Total
Males with Male Sexual Contact (MMSC)	1,488	55.4%	8,556	36.3%	2,331	62.7%
Injection Drug Use (IDU)	132	4.9%	3,544	15.0%	492	13.2%
Males with Male Sexual Contact and Injection Drug Use (MMSC/IDU)	65	2.4%	728	3.1%	170	4.6%
Heterosexual Contact (HET)	973	36.2%	10,268	43.6%	681	18.3%
Perinatal Transmission	20	0.7%	378	1.6%	21	0.6%
Other Exposure	2	0.1%	16	0.1%	17	0.5%
No Estimated or Reported Exposure	7	0.3%	66	0.3%	6	0.2%
Total	2,687	100.0%	23,556	100.0%	3,718	100.0%
Female Estimated or Reported Exposure Category						
Injection Drug Use (IDU)	56	9.6%	1,449	16.4%	262	36.0%
Heterosexual Contact (HET)	509	88.1%	7,123	80.6%	447	61.4%
Perinatal Transmission	10	1.7%	224	2.5%	13	1.8%
Other Exposure	0	0.0%	13	0.1%	2	0.3%
No Estimated or Reported Exposure	3	0.5%	33	0.4%	4	0.5%
Total	578	100.0%	8,842	100.0%	728	100.0%
Male Estimated or Reported Exposure Category						
Males with Male Sexual Contact (MMSC)	1,488	70.5%	8,556	58.1%	2,331	78.0%
Injection Drug Use (IDU)	77	3.6%	2,095	14.2%	230	7.7%
Males with Male Sexual Contact and Injection Drug Use (MMSC/IDU)	65	3.1%	728	4.9%	170	5.7%
Heterosexual Contact (HET)	464	22.0%	3,145	21.4%	233	7.8%
Perinatal Transmission	10	0.5%	154	1.0%	8	0.3%
Other Exposure	2	0.1%	3	0.0%	15	0.5%
No Estimated or Reported Exposure	4	0.2%	33	0.2%	2	0.1%
Total	2,110	100.0%	14,714	100.0%	2,989	100.0%

Note. 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. Exposure category is based on assigned sex at birth. For exposure category by gender identity, please see the Maryland HIV Epidemiological Profile Gender Diverse People Supplement.

Table 33 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2023, HIV Stage 3 (AIDS) by Estimated or Reported Exposure Category and Assigned Sex at Birth, Reported through June 30, 2024

Estimated or Reported Exposure Category	No.	People Aged 13+ Living with Diagnosed HIV			
		Never HIV Stage 3 (AIDS)		Ever HIV Stage 3 (AIDS)	
		No.	%	No.	%
Males with Male Sexual Contact (MMSC)	13,367	7,633	57.1%	5,734	42.9%
Injection Drug Use (IDU)	4,432	1,329	30.0%	3,104	70.0%
Males with Male Sexual Contact and Injection Drug Use (MMSC/IDU)	1,053	343	32.6%	711	67.4%
Heterosexual Contact (HET)	12,544	5,966	47.6%	6,577	52.4%
Perinatal Transmission	435	188	43.2%	247	56.8%
Other Exposure	39	3	7.7%	36	92.3%
No Estimated or Reported Exposure	86	49	57.0%	37	43.0%
Total	31,956	15,511	48.5%	16,445	51.5%
Female Estimated or Reported Exposure Category					
Injection Drug Use (IDU)	1,895	574	30.3%	1,320	69.7%
Heterosexual Contact (HET)	8,494	4,237	49.9%	4,258	50.1%
Perinatal Transmission	256	114	44.5%	142	55.5%
Other Exposure	17	0	0.0%	17	100.0%
No Estimated or Reported Exposure	43	26	60.5%	17	39.5%
Total	10,705	4,951	46.2%	5,754	53.8%
Male Estimated or Reported Exposure Category					
Males with Male Sexual Contact (MMSC)	13,367	7,633	57.1%	5,734	42.9%
Injection Drug Use (IDU)	2,538	755	29.7%	1,783	70.3%
Males with Male Sexual Contact and Injection Drug Use (MMSC/IDU)	1,053	343	32.6%	711	67.4%
Heterosexual Contact (HET)	4,049	1,729	42.7%	2,320	57.3%
Perinatal Transmission	179	74	41.3%	105	58.7%
Other Exposure	22	3	13.6%	19	86.4%
No Estimated or Reported Exposure	43	23	53.5%	20	46.5%
Total	21,251	10,560	49.7%	10,691	50.3%

Note. 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. Exposure category is based on assigned sex at birth. For exposure category by gender identity, please see the Maryland HIV Epidemiological Profile Gender Diverse People Supplement.

Table 34 – Current Stage of HIV during 2023 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2023, by Estimated or Reported Exposure Category, Reported through June 30, 2024

Estimated or Reported Exposure Category	No.	People Aged 13+ Living with Diagnosed HIV							
		Current Stage of HIV							
		Stage 1		Stage 2		Stage 3		Stage Unknown	
		No.	%	No.	%	No.	%	No.	%
Males with Male Sexual Contact (MMSC)	13,367	7,227	54.1%	2,431	18.2%	511	3.8%	3,198	23.9%
Injection Drug Use (IDU)	4,432	2,022	45.6%	1,001	22.6%	307	6.9%	1,102	24.9%
Males with Male Sexual Contact and Injection Drug Use (MMSC/IDU)	1,053	470	44.6%	254	24.2%	73	6.9%	256	24.3%
Heterosexual Contact (HET)	12,544	6,567	52.4%	2,217	17.7%	640	5.1%	3,120	24.9%
Perinatal Transmission	435	223	51.3%	71	16.3%	43	9.9%	98	22.5%
Other Exposure	39	14	35.9%	16	41.0%	5	12.8%	4	10.3%
No Estimated or Reported Exposure	86	37	43.0%	22	25.6%	7	8.1%	20	23.3%
Total	31,956	16,560	51.8%	6,012	18.8%	1,586	5.0%	7,798	24.4%

Note. 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. Exposure category is based on assigned sex at birth. For exposure category by gender identity, please see the Maryland HIV Epidemiological Profile Gender Diverse People Supplement.

Table 35 – Viral Load Test Results during 2023 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2023, by Estimated or Reported Exposure Category, Reported through June 30, 2024

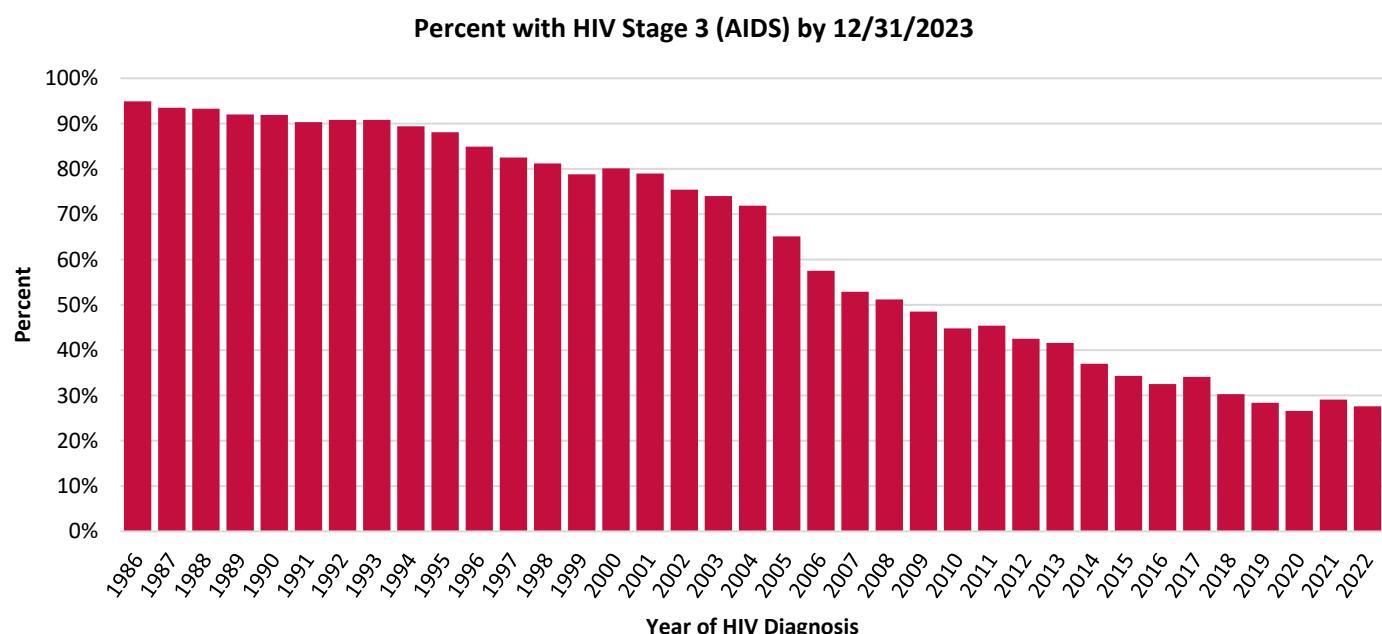
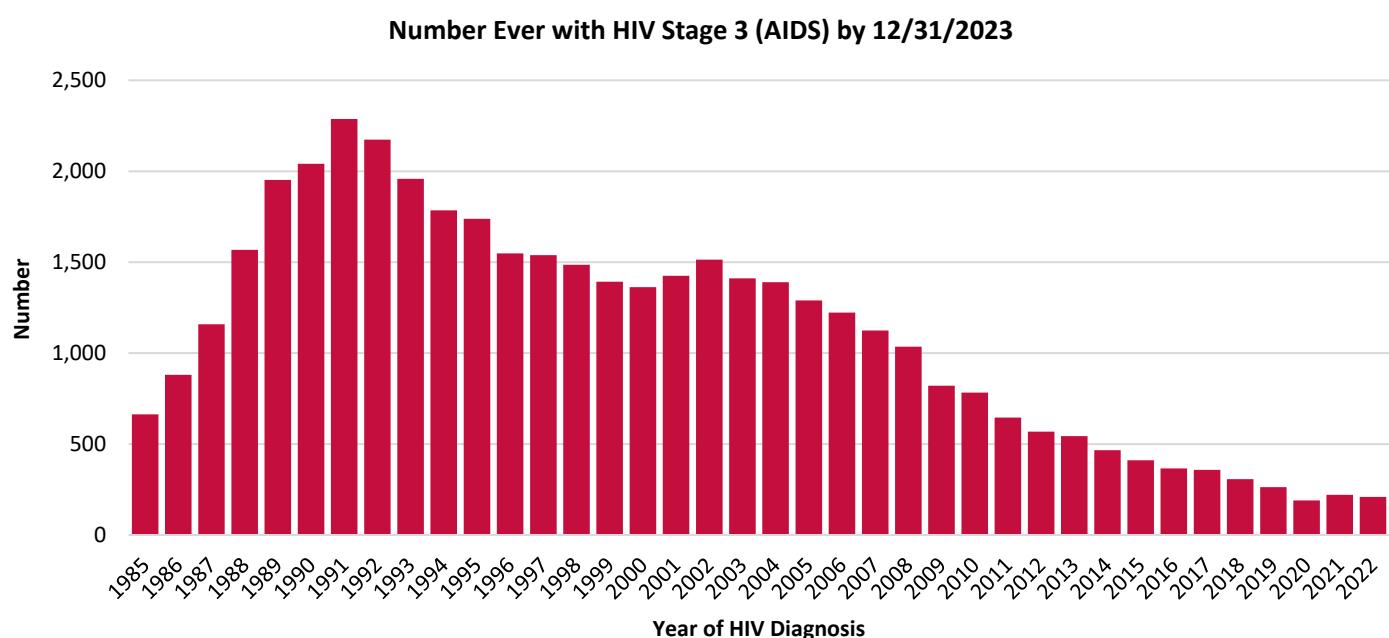
Estimated or Reported Exposure Category	No.	People Aged 13+ with Living Diagnosed HIV							
		Recent Viral Load Test Results					Median Unsuppressed Viral Load	No. of Total People Suppressed	% Suppressed of Total People
		No. with Test	% with Test	No. Suppressed	% Suppressed				
Males with Male Sexual Contact (MMSC)	13,367	10,599	79.3%	9,709	91.6%	11,000	9,709	72.6%	
Injection Drug Use (IDU)	4,432	3,459	78.0%	3,079	89.0%	8,650	3,079	69.5%	
Males with Male Sexual Contact and Injection Drug Use (MMSC/IDU)	1,053	832	79.0%	740	88.9%	16,700	740	70.2%	
Heterosexual Contact (HET)	12,544	9,795	78.1%	8,974	91.6%	8,900	8,974	71.5%	
Perinatal Transmission	435	364	83.7%	282	77.5%	10,465	282	64.8%	
Other Exposure	39	36	92.3%	35	97.2%	3,830	35	89.7%	
No Estimated or Reported Exposure	86	66	76.7%	53	80.3%	4,260	53	61.6%	
Total	31,956	25,151	78.7%	22,872	90.9%	9,805	22,872	71.6%	

Note. 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. Exposure category is based on assigned sex at birth. For exposure category by gender identity, please see the Maryland HIV Epidemiological Profile Gender Diverse People Supplement.

Section VIII – Maryland HIV Disease Progression and Mortality

Figure 10 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2022, Reported through June 30, 2024

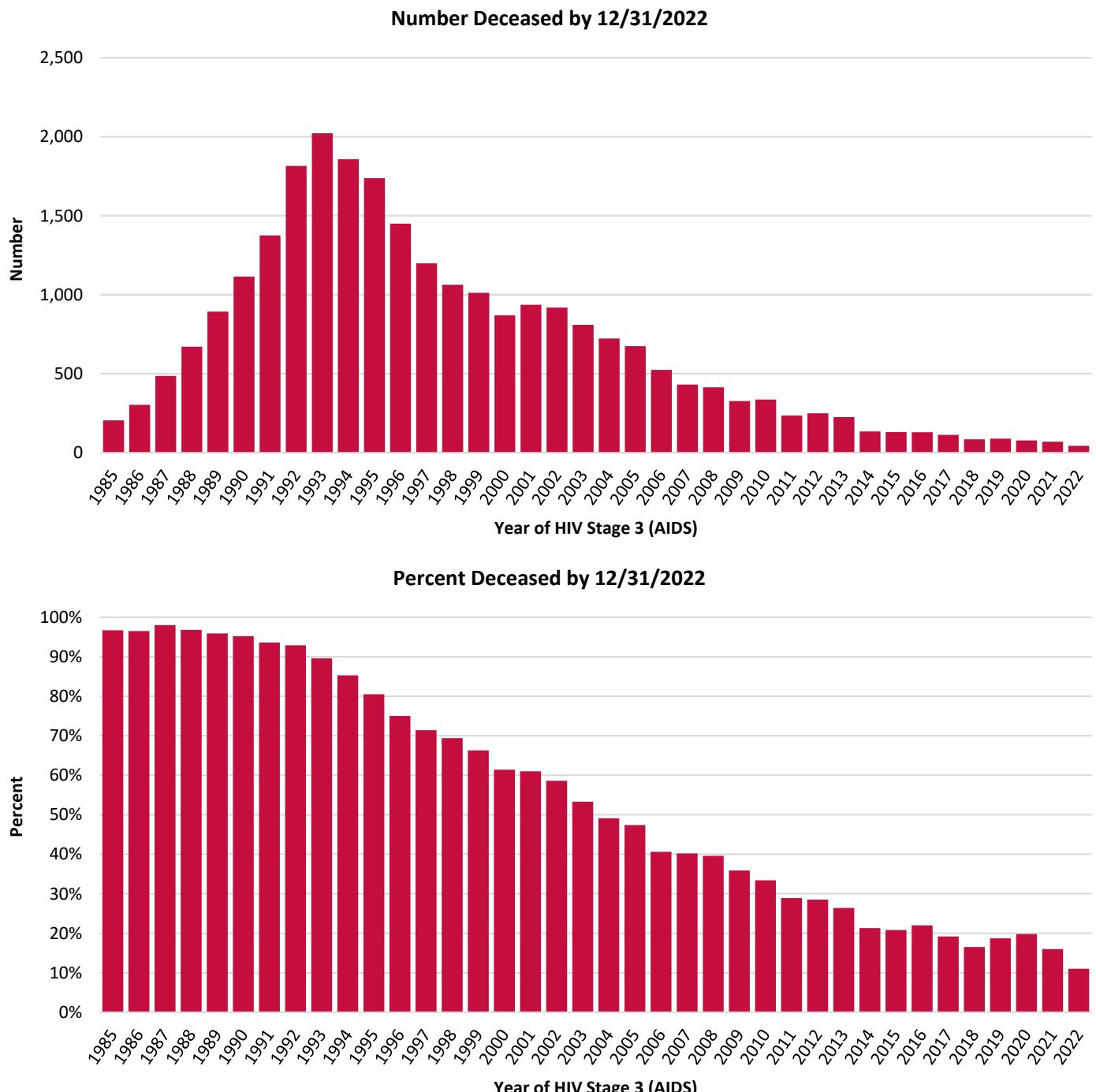
Number of People Aged 13+ with Diagnosed HIV, Aged 13+ at HIV Diagnosis, (HIV Diagnoses among People Aged 13+), Number of People Aged 13+ with Diagnosed HIV Ever with HIV Stage 3 (AIDS) by December 31, 2023, Percent by Year of HIV Diagnosis of Reported HIV Diagnoses Ever with HIV Stage 3 (AIDS) among People Aged 13+ by December 31, 2023, the Average Years from HIV Diagnosis to HIV Stage 3 (AIDS) for People Ever with HIV Stage 3 (AIDS), and the Percent by Year of HIV Diagnosis Ever with HIV Stage 3 (AIDS) 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 2022, Reported through June 30, 2024



Year of HIV Diagnosis	No.	HIV Diagnoses among People Aged 13+						
		Ever HIV Stage 3 (AIDS)		Percent Ever with HIV Stage 3 (AIDS) by Years After HIV Diagnosis				
		No.	% Ever with HIV Stage 3 (AIDS)	Mean Years from HIV Diagnosis to HIV Stage 3 (AIDS)	1 Year	2 Years	5 Years	10 Years
<1985	380	365	96.1%	7.3	37.4%	37.4%	40.5%	65.5%
1985	711	663	93.2%	6.3	30.9%	32.5%	40.4%	75.4%
1986	928	881	94.9%	5.3	36.1%	37.2%	48.9%	82.2%
1987	1,240	1,159	93.5%	4.5	37.8%	40.3%	57.1%	83.6%
1988	1,680	1,568	93.3%	3.9	40.4%	44.4%	65.5%	86.1%
1989	2,121	1,952	92.0%	3.5	41.2%	45.9%	69.1%	85.1%
1990	2,221	2,041	91.9%	3.2	44.0%	51.2%	72.8%	85.5%
1991	2,534	2,287	90.3%	2.9	46.6%	55.8%	74.2%	84.3%
1992	2,393	2,174	90.8%	2.8	49.5%	58.4%	74.8%	83.8%
1993	2,156	1,958	90.8%	2.3	55.6%	63.9%	77.4%	86.1%
1994	1,996	1,785	89.4%	2.3	57.3%	64.5%	75.7%	83.9%
1995	1,973	1,738	88.1%	2.4	58.1%	63.7%	72.6%	82.5%
1996	1,824	1,548	84.9%	2.2	59.0%	63.2%	70.7%	79.7%
1997	1,866	1,539	82.5%	2.4	55.6%	60.2%	68.6%	76.7%
1998	1,829	1,486	81.2%	2.3	55.8%	59.7%	67.6%	75.6%
1999	1,768	1,393	78.8%	2.0	56.6%	60.5%	67.7%	74.2%
2000	1,701	1,363	80.1%	2.2	54.9%	58.8%	67.9%	75.2%
2001	1,803	1,425	79.0%	2.1	56.0%	59.7%	68.3%	74.1%
2002	2,008	1,514	75.4%	2.0	54.1%	57.8%	64.7%	70.8%
2003	1,908	1,411	74.0%	1.9	53.6%	57.0%	62.9%	70.0%
2004	1,934	1,390	71.9%	2.2	50.3%	53.7%	59.6%	67.1%
2005	1,982	1,290	65.1%	2.1	45.7%	48.7%	54.6%	61.2%
2006	2,128	1,223	57.5%	2.2	38.3%	40.6%	47.7%	54.0%
2007	2,126	1,124	52.9%	2.6	32.3%	35.0%	42.1%	49.0%
2008	2,020	1,035	51.2%	2.4	31.5%	34.7%	42.2%	47.6%
2009	1,694	821	48.5%	2.4	29.8%	32.5%	39.3%	45.7%
2010	1,747	783	44.8%	2.2	27.9%	30.7%	36.6%	42.5%
2011	1,422	646	45.4%	2.0	30.2%	33.7%	37.8%	43.6%
2012	1,338	568	42.5%	1.8	29.4%	32.1%	36.9%	41.0%
2013	1,308	544	41.6%	1.5	31.2%	32.7%	36.7%	40.9%
2014	1,258	466	37.0%	1.5	25.8%	28.2%	32.8%	--
2015	1,197	411	34.3%	1.2	25.6%	27.8%	31.2%	--
2016	1,125	366	32.5%	1.1	24.7%	26.8%	30.3%	--
2017	1,049	358	34.1%	0.9	27.6%	29.1%	31.8%	--
2018	1,013	307	30.3%	0.8	25.2%	26.6%	29.3%	--
2019	927	263	28.4%	0.5	24.8%	26.0%	--	--
2020	715	190	26.6%	0.4	23.6%	24.3%	--	--
2021	759	221	29.1%	0.3	26.5%	28.3%	--	--
2022	756	209	27.6%	0.2	26.9%	--	--	--
Total	61,538	42,465	69.0%	2.6	42.6%	46.6%	55.9%	64.4%

Figure 11 – Trends in Survival Times by Year of HIV Stage 3 (AIDS), 1985-2022, Reported through June 30, 2024

Number of People Aged 13+ with Diagnosed HIV, Aged 13+ at HIV Diagnosis, Ever with HIV Stage 3 (AIDS) by December 31, 2022, Number of Ever HIV Stage 3 (AIDS) among People Aged 13+ Reported to Have Died of Any Cause by December 31, 2023 (Reported Deaths), Percent by Year of HIV Stage 3 (AIDS) of Ever HIV Stage 3 (AIDS) with a Reported Death (Percent Dead) among People Aged 13+ by December 31, 2023, the Average Years from HIV Stage 3 (AIDS) to Death for People that have Died, and the Percent by Year of HIV Stage 3 (AIDS) Diagnosis of HIV Stage 3 (AIDS) among People Aged 13+ Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Stage 3 (AIDS), by Year of HIV Stage 3 (AIDS) from 1985 through 2022, Reported through June 30, 2024



Year of HIV Stage 3 (AIDS)	HIV Stage 3 (AIDS) among People Aged 13+							
	No.	Deaths among Ever HIV Stage 3 (AIDS)			Percent Alive by Years After HIV Stage 3 (AIDS)			
		No.	% Deceased	Mean Years from HIV Stage 3 (AIDS) to Death	1 Year	2 Years	5 Years	10 Years
<1985	146	141	96.6%	1.7	43.2%	21.2%	11.0%	8.2%
1985	212	205	96.7%	1.9	42.5%	19.8%	11.3%	6.1%
1986	314	303	96.5%	2.2	51.3%	33.1%	13.1%	8.3%
1987	496	486	98.0%	2.2	57.1%	31.7%	11.1%	5.8%
1988	693	671	96.8%	2.3	60.6%	38.1%	14.0%	6.5%
1989	931	893	95.9%	3.0	64.0%	43.6%	17.8%	9.7%
1990	1,171	1,115	95.2%	3.3	66.7%	48.0%	21.3%	12.1%
1991	1,469	1,375	93.6%	3.1	68.4%	48.2%	18.9%	12.8%
1992	1,954	1,815	92.9%	3.5	71.9%	50.6%	22.3%	16.3%
1993	2,257	2,022	89.6%	4.5	77.2%	56.5%	33.2%	22.4%
1994	2,179	1,858	85.3%	4.7	78.1%	59.0%	39.8%	26.7%
1995	2,159	1,738	80.5%	6.2	78.7%	67.6%	51.8%	37.6%
1996	1,934	1,450	75.0%	6.5	82.2%	75.5%	60.0%	43.2%
1997	1,680	1,199	71.4%	7.2	85.5%	78.3%	63.7%	48.6%
1998	1,532	1,063	69.4%	7.1	87.0%	80.8%	66.1%	49.3%
1999	1,527	1,012	66.3%	7.1	87.4%	80.9%	66.6%	51.8%
2000	1,416	870	61.4%	7.3	88.2%	83.6%	69.7%	56.4%
2001	1,534	936	61.0%	6.4	86.6%	79.7%	66.7%	55.1%
2002	1,567	919	58.6%	7.1	88.7%	83.7%	71.7%	59.7%
2003	1,519	809	53.3%	6.2	85.8%	80.4%	70.7%	61.2%
2004	1,474	723	49.1%	6.5	88.8%	84.4%	75.0%	65.5%
2005	1,421	674	47.4%	6.6	89.4%	85.4%	76.5%	67.7%
2006	1,291	524	40.6%	5.7	89.5%	85.7%	77.5%	68.6%
2007	1,075	432	40.2%	5.7	89.5%	86.5%	79.5%	69.3%
2008	1,046	414	39.6%	5.5	89.4%	85.5%	78.6%	70.2%
2009	912	327	35.9%	5.0	90.5%	87.4%	79.9%	70.5%
2010	1,009	337	33.4%	5.0	91.7%	88.9%	82.8%	72.6%
2011	814	235	28.9%	4.6	93.9%	90.9%	82.9%	74.7%
2012	876	250	28.5%	4.5	91.6%	89.7%	83.8%	74.2%
2013	856	226	26.4%	3.9	92.5%	89.3%	83.5%	74.5%
2014	634	135	21.3%	3.3	92.4%	89.6%	86.1%	--
2015	631	131	20.8%	2.7	92.2%	89.9%	84.3%	--
2016	591	130	22.0%	2.1	90.4%	86.8%	81.2%	--
2017	589	113	19.2%	2.3	93.2%	89.1%	83.9%	--
2018	515	85	16.5%	1.6	91.7%	89.9%	83.7%	--
2019	475	89	18.7%	1.1	88.8%	85.1%	--	--
2020	394	78	19.8%	0.8	87.3%	82.5%	--	--
2021	438	70	16.0%	0.7	87.7%	84.9%	--	--
2022*	400	44	11.0%	0.4	90.5%	--	--	--
Total	42,131	25,897	61.5%	5.1	82.8%	73.4%	59.4%	49.4%

*2022 deaths are preliminary.

Section IX – HIV in Maryland by Health Insurance

Table 36 – Reported HIV Diagnoses, among People Aged 13+ during 2023, by Health Insurance Status, Reported through June 30, 2024

Insurance Status	HIV Diagnoses among People Aged 13+					
	Initial Insurance				Recent Insurance	
	No.	% of Total HIV Diagnoses	% of Total with Insurance	No.	% of Total HIV Diagnoses	% of Total with Insurance
Medicaid	344	48.2%	77.0%	360	50.4%	64.7%
Medicare/Medicare Eligible	29	4.1%	6.5%	32	4.5%	5.8%
Private	101	14.1%	22.6%	215	30.1%	38.7%
Veterans Affairs	11	1.5%	2.5%	14	2.0%	2.5%
Uninsured	61	8.5%	--	69	9.7%	--
Missing	206	28.9%	--	89	12.5%	--
Total	752	--	--	779	--	--

Note. Health insurance status categories are not mutually exclusive and persons may have more than one health insurance reported. As a result, there may be discrepancies between the totals and the sum of columns.

Initial Insurance: First reported health insurance within 6 months after HIV diagnosis.

Recent Insurance: Most recent reported health insurance after HIV diagnosis, reported through June 30, 2024.

Section X – HIV in Maryland by Facility Type

Table 37 – Reported HIV Diagnoses, among People Aged 13+ during 2023, HIV Diagnosis Facility Type by Jurisdiction of Residence at Diagnosis, Reported through June 30, 2024

Jurisdiction of Residence at HIV Diagnosis	No.	HIV Diagnoses among People Aged 13+													
		HIV Diagnosis Facility Type													
		Inpatient Hospital		Outpatient Hospital		Clinic		Private Physician's Office		Local Health Department		Emergency/Urgent Care		Correctional	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Allegany	3	1	33.3%	1	33.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	33.3%
Anne Arundel	43	5	11.6%	9	20.9%	6	14.0%	15	34.9%	6	14.0%	2	4.7%	0	0.0%
Baltimore City	166	31	18.7%	34	20.5%	45	27.1%	20	12.1%	27	16.3%	4	2.4%	5	3.0%
Baltimore	87	28	32.2%	9	10.3%	22	25.3%	14	16.1%	7	8.1%	5	5.8%	2	2.3%
Calvert	8	0	0.0%	2	25.0%	0	0.0%	2	25.0%	3	37.5%	0	0.0%	1	12.5%
Caroline	5	0	0.0%	0	0.0%	1	20.0%	3	60.0%	1	20.0%	0	0.0%	0	0.0%
Carroll	2	0	0.0%	0	0.0%	0	0.0%	2	100.0%	0	0.0%	0	0.0%	0	0.0%
Cecil	5	1	20.0%	1	20.0%	0	0.0%	1	20.0%	2	40.0%	0	0.0%	0	0.0%
Charles	14	2	14.3%	5	35.7%	3	21.4%	3	21.4%	0	0.0%	1	7.1%	0	0.0%
Dorchester	4	0	0.0%	0	0.0%	1	25.0%	1	25.0%	2	50.0%	0	0.0%	0	0.0%
Frederick	19	2	10.5%	5	26.3%	6	31.6%	4	21.1%	2	10.5%	0	0.0%	0	0.0%
Garrett	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Harford	7	1	14.3%	2	28.6%	0	0.0%	0	0.0%	4	57.1%	0	0.0%	0	0.0%
Howard	12	2	16.7%	0	0.0%	6	50.0%	2	16.7%	1	8.3%	1	8.3%	0	0.0%
Kent	1	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Montgomery	99	19	19.2%	5	5.1%	26	26.3%	35	35.4%	9	9.1%	4	4.0%	1	1.0%
Prince George's	194	32	16.5%	26	13.4%	67	34.5%	49	25.3%	10	5.2%	9	4.6%	1	0.5%
Queen Anne's	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Saint Mary's	5	0	0.0%	1	20.0%	1	20.0%	2	40.0%	1	20.0%	0	0.0%	0	0.0%
Somerset	7	1	14.3%	0	0.0%	4	57.1%	1	14.3%	1	14.3%	0	0.0%	0	0.0%
Talbot	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	100.0%
Washington	12	0	0.0%	4	33.3%	1	8.3%	2	16.7%	5	41.7%	0	0.0%	0	0.0%
Wicomico	16	1	6.3%	2	12.5%	6	37.5%	4	25.0%	2	12.5%	1	6.3%	0	0.0%
Worcester	3	0	0.0%	1	33.3%	1	33.3%	0	0.0%	1	33.3%	0	0.0%	0	0.0%
Corrections	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	100.0%
Total	714	126	17.7%	108	15.1%	196	27.5%	160	22.4%	84	11.8%	27	3.8%	13	1.8%

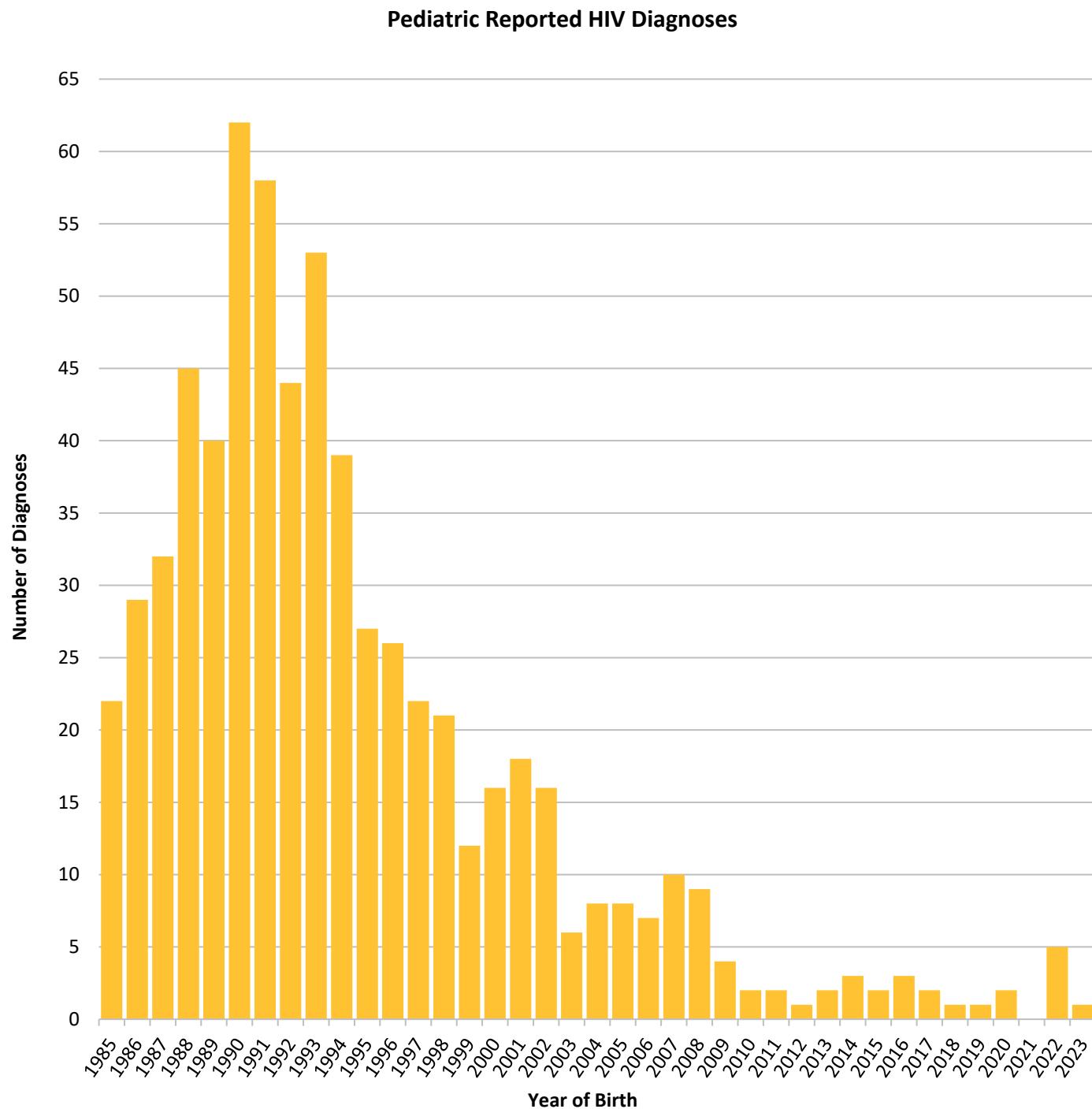
Table 38 – Reported HIV Diagnoses, among People Aged 13+ during 2023, HIV Diagnosis Facility Type by Assigned Sex at Birth, Gender Identity, Sexual Orientation, Race and Ethnicity, and Country of Birth, Reported through June 30, 2024

Demographic Characteristics		No.	HIV Diagnoses among People Aged 13+											
			HIV Diagnosis Facility Type											
			Inpatient Hospital		Outpatient Hospital		Clinic		Private Physician's Office		Local Health Department		Emergency/Urgent Care	
Assigned Sex at Birth	Female	163	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
	Male	551	87	15.8%	84	15.3%	151	27.4%	124	22.5%	67	12.2%	25	4.5%
Gender Identity	Cisgender Man or Boy	529	86	16.3%	83	15.7%	136	25.7%	122	23.1%	64	12.1%	25	4.7%
	Cisgender Woman or Girl	162	39	24.1%	23	14.2%	45	27.8%	36	22.2%	17	10.5%	2	1.2%
	Transgender Man or Boy	1	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Transgender Woman or Girl	19	1	5.3%	1	5.3%	14	73.7%	1	5.3%	2	10.5%	0	0.0%
	Another Gender Identity	3	0	0.0%	0	0.0%	1	33.3%	1	33.3%	1	33.3%	0	0.0%
	Bisexual	47	9	19.2%	6	12.8%	10	21.3%	11	23.4%	7	14.9%	3	6.4%
Sexual Orientation	Gay/Homosexual	191	19	10.0%	26	13.6%	61	31.9%	44	23.0%	28	14.7%	10	5.2%
	Straight/Heterosexual	203	47	23.2%	35	17.2%	52	25.6%	38	18.7%	25	12.3%	3	1.5%
	Another Sexual Orientation	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	100.0%	0	0.0%
	Unknown Sexual Orientation	272	51	18.8%	41	15.1%	73	26.8%	67	24.6%	23	8.5%	11	4.0%
	Hispanic	136	20	14.7%	14	10.3%	49	36.0%	30	22.1%	17	12.5%	5	3.7%
Race and Ethnicity	Non-Hispanic	578	106	18.3%	94	16.3%	147	25.4%	130	22.5%	67	11.6%	22	3.8%
	American Indian or Alaska Native, only	0	--	--	--	--	--	--	--	--	--	--	--	--
	Asian, only	18	3	16.7%	4	22.2%	5	27.8%	4	22.2%	1	5.6%	1	5.6%
	Black, only	464	83	17.9%	68	14.7%	130	28.0%	108	23.3%	49	10.6%	18	3.4%
	Native Hawaiian or Another Pacific Islander, only	0	--	--	--	--	--	--	--	--	--	--	--	--
	White, only	82	16	19.5%	20	24.4%	10	12.2%	18	22.0%	14	17.1%	1	1.2%
	Multiracial or Another Race	14	4	28.6%	2	14.3%	2	14.3%	0	0.0%	3	21.4%	2	14.3%
	United States	543	92	16.9%	92	16.9%	133	24.5%	126	23.2%	66	12.2%	21	3.9%
Country of Birth	Foreign-Born People	171	34	19.9%	16	9.4%	63	36.8%	34	19.9%	18	10.5%	6	3.5%
	Africa	65	16	24.6%	6	9.2%	21	32.3%	14	21.5%	5	7.7%	3	4.6%
	Asia	15	4	26.7%	2	13.3%	4	26.7%	4	26.7%	0	0.0%	1	6.7%
	Caribbean	24	3	12.5%	1	4.2%	13	54.2%	6	25.0%	1	4.2%	0	0.0%
	Central America	51	10	19.6%	6	11.8%	19	37.3%	5	9.8%	9	17.8%	2	3.9%
	Other	16	1	6.3%	1	6.3%	6	37.5%	5	31.3%	3	18.8%	0	0.0%
	Unknown	0	--	--	--	--	--	--	--	--	--	--	--	--
	Total	714	126	17.7%	108	15.1%	196	27.5%	160	22.4%	84	11.8%	27	3.8%

Section XI – Pediatric HIV in Maryland

Figure 12 – Trends in HIV Diagnoses among People Aged <13, 1985-2023, Reported through June 30, 2024

Number of Pediatric HIV Diagnoses, Age <13 at HIV Diagnosis, by Year of Birth, by Year of HIV Diagnosis, by Year of HIV Stage 3 (AIDS), 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 31st of Each Year (Total Living Pediatric Diagnoses) from 1985 through 2023, as Reported by Name through June 30, 2024



Year	Number of Pediatric HIV Diagnoses				Total Pediatric Diagnoses Alive on December 31st of Each Year
	By Birth Year	By HIV Diagnosis Year	By HIV Stage 3 (AIDS) Year	By Death Year	
<1985	55	5	3	0	--
1985	22	13	8	2	17
1986	29	15	6	4	28
1987	32	22	15	5	44
1988	45	29	19	6	67
1989	40	37	25	8	96
1990	62	54	23	9	141
1991	58	58	35	12	187
1992	44	65	38	12	239
1993	53	56	37	16	277
1994	39	41	29	16	302
1995	27	28	23	20	309
1996	26	36	26	19	324
1997	22	19	12	7	336
1998	21	21	13	6	349
1999	12	24	13	5	366
2000	16	16	5	1	381
2001	18	14	11	5	390
2002	16	14	8	4	400
2003	6	6	3	6	399
2004	8	11	6	5	406
2005	8	8	5	1	413
2006	7	15	7	4	425
2007	10	43	10	5	463
2008	9	15	8	3	477
2009	4	10	7	2	486
2010	2	3	8	6	485
2011	2	3	7	5	485
2012	1	3	3	4	487
2013	2	3	11	3	488
2014	3	6	4	1	494
2015	2	0	8	3	492
2016	3	4	7	4	493
2017	2	3	3	3	495
2018	1	4	9	3	496
2019	1	0	6	2	497
2020	2	1	2	2	496
2021	0	2	3	2	497
2022	5	6	3	5	500
2023	1	2	8	4	497
Total	716	715	477	230	--

Table 39 – Perinatal HIV Transmissions by Year of Birth, 2014-2023

Year of Birth	Live Births ¹	People of Childbearing Age Living with Diagnosed HIV	Reported Perinatal HIV Exposures	Confirmed Perinatal HIV Transmission		
				No.	%	Rate
2014	73,921	6,859	202	3	1.5%	4.1
2015	73,616	6,679	153	1	0.7%	1.4
2016	73,136	6,297	185	3	1.6%	4.1
2017	71,641	5,892	168	1	0.6%	1.4
2018	71,080	5,645	162	0	0.0%	0.0
2019	70,178	5,394	168	0	0.0%	0.0
2020	68,554	5,066	151	2	1.3%	2.9
2021	68,285	4,861	159	0	0.0%	0.0
2022	68,782	4,669	151	5	3.3%	7.3
2023	65,594	4,258	117	1	0.9%	1.5
Total	704,787	55,620	1,616	16	1.0%	2.3

¹Centers for Disease Control and Prevention, National Center for Health Statistics (NCHS). National Vital Statistics System, Natality on CDC WONDER Online Database. Data are from the Natality Records 2014-2023, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program.

Glossary of Terms

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.

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. Includes “bigender,” “gender queer,” and “two-spirit.”

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

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

Confirmed Perinatal HIV Transmission: Reported babies born to a birthing person living with diagnosed HIV, with a confirmed HIV diagnosis and a resident of Maryland at time of birth.

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, 2014.

Current Stage of HIV: Current Stage of HIV determined by the most recent CD4 test or opportunistic infection during the specified year.

Deaths among Ever HIV Stage 3 (AIDS): Reported HIV diagnoses who have ever met the criteria for HIV Stage 3 (AIDS), reported to have died of any cause during the specified year.

Ever HIV Stage 3 (AIDS): Reported HIV diagnoses who have ever met the criteria for HIV Stage 3 (AIDS).

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

Gender Identity: One's innermost concept of self as a man, woman, a blend of both or neither – how individuals perceive themselves and what they call themselves. One's gender identity can be the same or different from their assigned sex at birth.

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 Diagnosis Facility Type: The type of facility where a person received their initial HIV diagnosis. Facility types include inpatient hospital, clinic, outpatient hospital, private physician's office, local health department, emergency/urgent care, and correctional.

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.

Initial Insurance: First reported health insurance within 6 months after HIV diagnosis.

Insurance Status: Type of health insurance.

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, 2014.

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

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at the later time of initial HIV diagnosis or time of initial HIV Stage 3 (AIDS) classification.

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

Jurisdiction of Residence at HIV Stage 3 (AIDS): Jurisdiction of residence at time of initial HIV Stage 3 (AIDS) classification.

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.

Live Births: Babies born alive in the general population.

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

Males with 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.

Males with 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).

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 HIV Stage 3 (AIDS) to Death: Mean or average number of years from new HIV Stage 3 (AIDS) to death for adult/adolescent reported ever HIV Stage 3 (AIDS) with a reported death.

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.

Medicaid: Coverage provided by the government for those with a low income or a disability.

Medicare/Medicare Eligible: Coverage provided by the government for people aged 65+ or people with certain disabilities. This includes people who do not have a reported insurance status but are aged 65+ and therefore qualify for Medicare.

Never HIV Stage 3 (AIDS): Reported HIV diagnoses who have never met the criteria for HIV Stage 3 (AIDS).

New HIV Stage 3 (AIDS): Reported HIV diagnoses with an initial HIV Stage 3 (AIDS) classification during the specified year.

New HIV Stage 3 (AIDS) among People Aged 13+: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV Stage 3 (AIDS) classification during the specified year.

Number of People Suppressed: Number 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.

Opportunistic Infection: Illnesses that occur more frequently and are more severe in people living with HIV.

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.

Pediatric HIV Diagnoses: Reported HIV diagnoses among people less than 13 years of age with an initial HIV diagnosis during the specified year.

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

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

People of Childbearing Age Living with Diagnosed HIV: Reported HIV diagnoses among people of childbearing age (13-49 years old) with childbearing potential.

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 HIV Stage 3 (AIDS): Percent of adult/adolescent reported HIV Stage 3 (AIDS) not reported to have died at 1 year, 2 years, 5 years, and 10 years after initial HIV Stage 3 (AIDS), by year of HIV Stage 3 (AIDS).

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 among people aged 13+ living with diagnosed HIV with a recent viral load test result.

Percent of People 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 among people aged 13+ living with diagnosed HIV.

Percent with HIV Stage 3 (AIDS) by Years after HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses in the specified year with new HIV Stage 3 (AIDS) at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

Perinatal HIV Exposure: Any infant born to a person with childbearing potential living with HIV.

Perinatal HIV 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 breast/chestfeeding (through breast/chest milk).

Perinatal HIV Transmission Number: Number of confirmed perinatal HIV transmissions among reported perinatal HIV exposures.

Perinatal HIV Transmission Percent: Percent of confirmed perinatal HIV transmissions among reported perinatal HIV exposures.

Perinatal HIV Transmission Rate: Number of confirmed perinatal HIV transmissions divided by the number of live births multiplied by 100,000.

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.

Previously Diagnosed with HIV: Reported HIV Stage 3 (AIDS) diagnosis during the specified year with an initial HIV diagnosis prior to the specified year.

Private (Health Insurance): Coverage through a current or former employer or union or purchased directly from an insurance company.

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 Insurance: Most recent reported health insurance after HIV diagnosis, reported through June 30, 2024.

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 HIV Stage 3 (AIDS) classification.

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

Sexual Orientation: An inherent or immutable enduring emotional, romantic or sexual attraction to other people.

Stage of HIV: The stages of HIV are based on age specific CD4 counts. The stages are as follows: Stage 0, Stage 1, Stage 2, Stage 3 (AIDS), and Stage Unknown.

Stage of HIV at Diagnosis: Stage of HIV at diagnosis determined by the first CD4 test after HIV diagnosis or an opportunistic infection diagnosis documented prior to the first CD4 test.

Stage Unknown: No reported opportunistic infection and no information available on CD4 count or percentage.

Stage 0: First positive HIV test result within 6 months after a negative HIV test result. The stage remains 0 until 6 months after the first positive test result. After 6 months, the stage may be classified as 1, 2, 3, or unknown if based on a CD4 test result or the diagnosis of an opportunistic infection.

Stage 1: CD4 lymphocyte count of ≥ 500 or a CD4 percentage of total lymphocytes of ≥ 26 .

Stage 2: CD4 lymphocyte count of 200-499 or a CD4 percentage of total lymphocytes of 14-25.

Stage 3: CD4 lymphocyte count of <200 or a CD4 percentage of total lymphocytes of <14 or documentation of an opportunistic infection.

Stage 3 (AIDS): CD4 lymphocyte count of <200 or a CD4 percentage of total lymphocytes of <14 or documentation of an opportunistic infection.

Stage 3 (AIDS) at HIV Diagnosis: Reported HIV diagnoses that meet HIV Stage 3 (AIDS) criteria within 3 months of their initial HIV diagnosis.

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 assigned sex at birth is female but who identifies as a man or boy.

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

Unknown Health Insurance: No reported information on insurance coverage.

Uninsured: Reported to not have any insurance coverage.

Veterans Affairs (Health Insurance): Coverage provided by the government for those currently in the military and veterans. Includes TRICARE and Department of Veterans Affairs coverage.

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