

2022

**SUBURBAN REGION
ANNUAL HIV
EPIDEMIOLOGICAL
PROFILE**

**Data reported through
June 30, 2023**

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

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



Acknowledgements

This report is published by The Center for HIV Surveillance, Epidemiology and Evaluation (CHSEE). This report would not have been possible without the cooperation, dedication and hard work of HIV health care providers, local health departments, community groups, researchers, and members of the community.

This report was prepared by the following CHSEE staff: Morgan Boyer, Joseph Duda, Colin Flynn, Abigail Grady, Molly Gribbin, Elizabeth Kassens, Amber Lee, Kristen Lowe, Molly Lutrey, Shreya Patel, Michelle Ryan, Alyssa Risney, Jasmine Smith, and Jami Stockdale.

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Suggested Citation

Suburban Region Annual HIV Epidemiological Profile 2022. Center for HIV Surveillance, Epidemiology and Evaluation, Maryland Department of Health, Baltimore, MD. 2023.

On the Web

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

Additional Information and Reporting Instructions

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Email: mdh.hivdatarequest@maryland.gov

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Section I – Summary of Analyses and Technical Notes

Highlights of Analyses

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

All rates presented below are per 100,000 population.

HIV Diagnoses

During 2022, there were 365 reported HIV diagnoses in the Suburban Region, which includes Montgomery County and Prince George's County. Data presented below describe HIV diagnoses in the Suburban Region, among people ages 13 years and older, during 2022.

- **Geographic distribution:** Prince George's County accounted for the highest number (258, 70.7%) and the highest rate of HIV diagnoses (32.3) in the Suburban Region.
- **Age:** People aged 25-34 years accounted for the highest number (129, 35.3%) of HIV diagnoses and the highest rate (50.5).
- **Assigned Sex at Birth:** Males accounted for the highest number (273, 74.8%) of HIV diagnoses. The rate among males was 33.7 and 10.5 among females.
- **Race/Ethnicity:** Non-Hispanic Black people accounted for the highest number (256, 70.1%) and the highest rate (38.2).
- **Exposure Category:** Male-to-male sexual contact accounted for the highest number (192, 52.5%) of diagnoses.

People Living with Diagnosed HIV

At the end of 2022, there were 11,733 people living with diagnosed HIV in the Suburban Region. Data presented below describe people living with diagnosed HIV, aged 13 years and older, in the Suburban Region.

- **Geographic distribution:** Prince George's County accounted for the highest number (8,045, 68.6%) of people living with diagnosed HIV and the highest rate (1,007.3).
- **Age:** People aged 50-59 years accounted for the highest number (3,171, 27.0%) of people living with diagnosed HIV and the highest rate (1,157.4).
- **Assigned Sex at Birth:** Males accounted for the highest number (7,712, 65.7%) of people living with diagnosed HIV. The rate among males was 951.7 and 459.8 among females.
- **Race/Ethnicity:** Non-Hispanic Black people accounted for the highest number (8,992, 76.6%) and NH-Multiracial/Another Race accounted for the highest rate (1,463.9) of the people living with diagnosed HIV.
- **Exposure Category:** Heterosexual contact accounted for the highest number (5,331, 45.4%) of the total people living with diagnosed HIV.

Engagement in HIV Care

- **HIV diagnosed:** Among people living with HIV in the Suburban Region, it is estimated that 89.0 percent have been diagnosed and an estimated 1,450 people with HIV remain undiagnosed.
- **Linked to care:** During 2022, 86.6 percent of reported HIV diagnoses were linked to HIV care within one month of their HIV diagnosis.
- **Retained in care:** Among people living with HIV, 68.2 percent were retained in care during 2022.
- **Viral suppression:** In 2022, 53.1 percent of people living with HIV achieved viral suppression.

Technical Notes

HIV Reporting

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

Report Changes

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

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

Data Specifications

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

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

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

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

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

COVID-19 and HIV Surveillance Data

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

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

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

Undiagnosed HIV

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

AIDS Diagnoses

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

Mortality

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

Engagement in HIV Care

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

Viral Suppression

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

Geographic Distribution

Residence at diagnosis is used exclusively to describe new diagnoses. Estimates of people living with diagnosed HIV use current residence. Current residence estimates are restricted to people for which there is a case report form or laboratory test reported since January 1, 2013. Restricting address data to recent years presents the

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

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

Residents of Correctional Facilities

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

Gender Identity

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

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

Race/Ethnicity

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

Country of Birth

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

HIV Exposure Categories

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

Sources of Data

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

Population data by sex, age, and race/ethnicity are from the July 1, 2022 United States Census Estimates. Population data by country-of-birth are from the Census Bureau's 2020 American Community Survey. This

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

Tabulation of Column Totals

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

Data Suppression

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

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

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

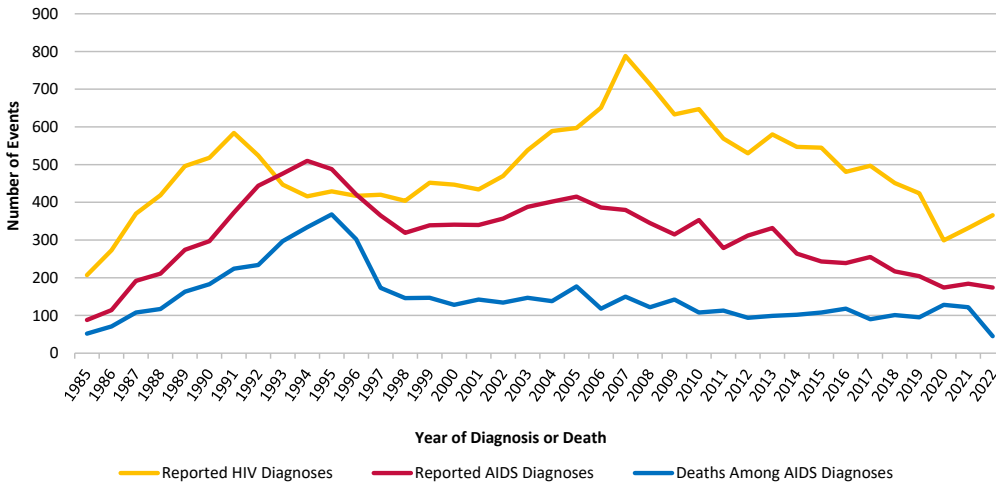
Multiple Imputation

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

Section II – Trends 1985-2022

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

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

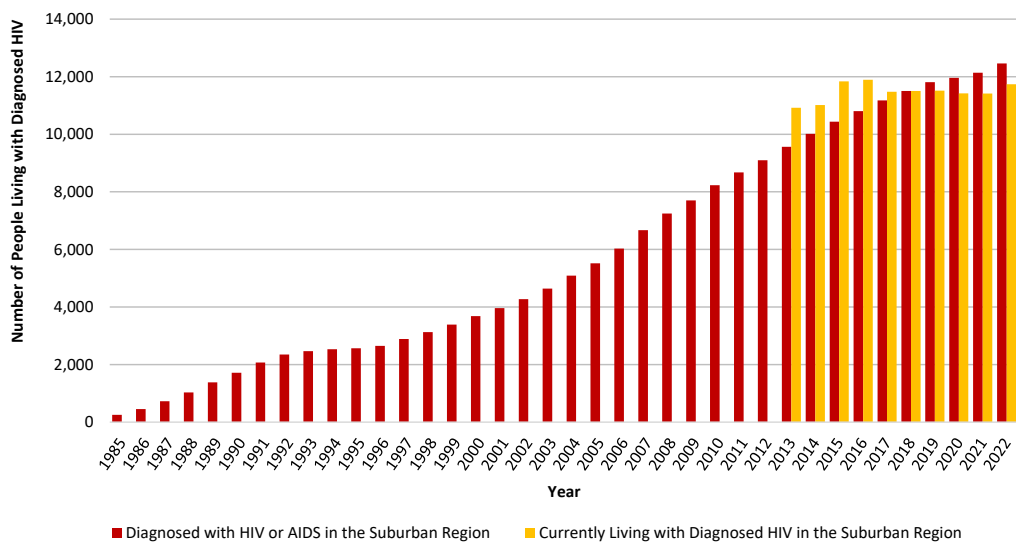


Year of Diagnosis or Death	HIV Diagnoses	AIDS Diagnoses	Deaths Among AIDS Diagnoses	Year of Diagnosis or Death	HIV Diagnoses	AIDS Diagnoses	Deaths Among AIDS Diagnoses
<1985	117	56	27	2004	589	402	138
1985	207	88	52	2005	597	415	177
1986	273	114	71	2006	651	386	118
1987	370	192	108	2007	788	380	150
1988	419	211	117	2008	713	345	122
1989	496	274	163	2009	633	315	142
1990	518	297	183	2010	647	353	108
1991	584	373	224	2011	569	279	113
1992	524	444	234	2012	530	312	94
1993	447	476	297	2013	580	332	99
1994	416	510	334	2014	547	264	102
1995	429	488	368	2015	545	243	108
1996	417	421	302	2016	481	239	118
1997	420	365	173	2017	497	255	90
1998	404	319	146	2018	451	217	101
1999	452	339	147	2019	424	204	95
2000	447	341	128	2020	299	174	128
2001	434	340	142	2021*	332	184	122
2002	470	357	134	2022*	366	174	45
2003	538	388	147	Total	18,621	11,866	5,667

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

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

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

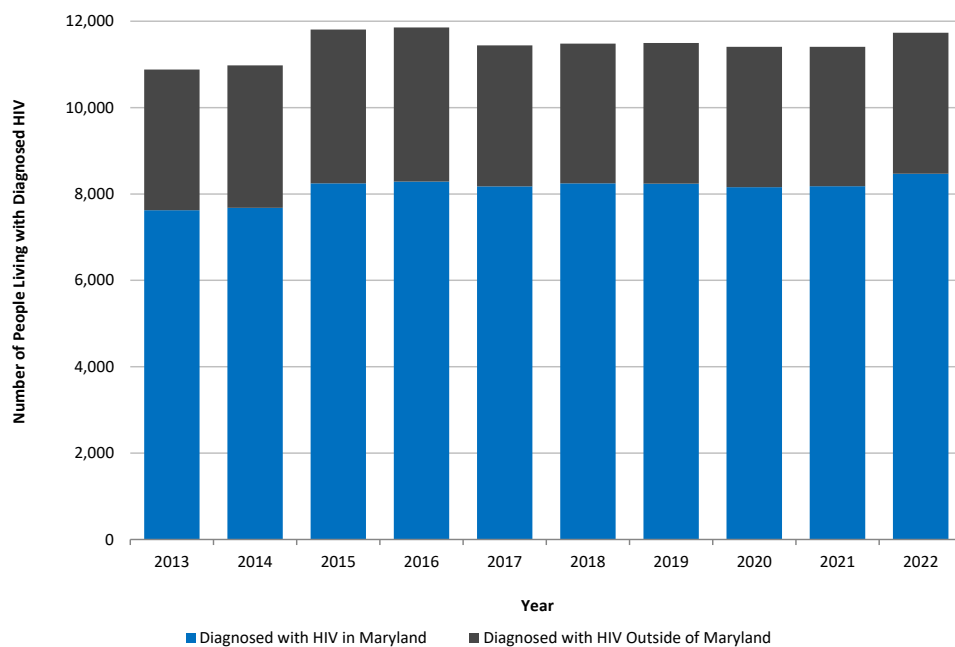


People Living with Diagnosed HIV			People Living with Diagnosed HIV		
Year	Diagnosed with HIV or AIDS in the Suburban Region	Current Residents	Year	Diagnosed with HIV or AIDS in the Suburban Region	Current Residents
1985	252	--	2004	5,089	--
1986	455	--	2005	5,518	--
1987	728	--	2006	6,031	--
1988	1,033	--	2007	6,667	--
1989	1,380	--	2008	7,248	--
1990	1,714	--	2009	7,702	--
1991	2,072	--	2010	8,231	--
1992	2,348	--	2011	8,677	--
1993	2,465	--	2012	9,096	--
1994	2,532	--	2013	9,564	10,920
1995	2,567	--	2014	10,017	11,014
1996	2,651	--	2015	10,436	11,839
1997	2,888	--	2016	10,805	11,892
1998	3,127	--	2017	11,178	11,475
1999	3,388	--	2018	11,502	11,507
2000	3,683	--	2019	11,812	11,515
2001	3,963	--	2020	11,961	11,421
2002	4,273	--	2021	12,140	11,413
2003	4,641	--	2022	12,460	11,739

Note: Current residents are people reported to be residents of Maryland in the ten years prior to the data reported through date.

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

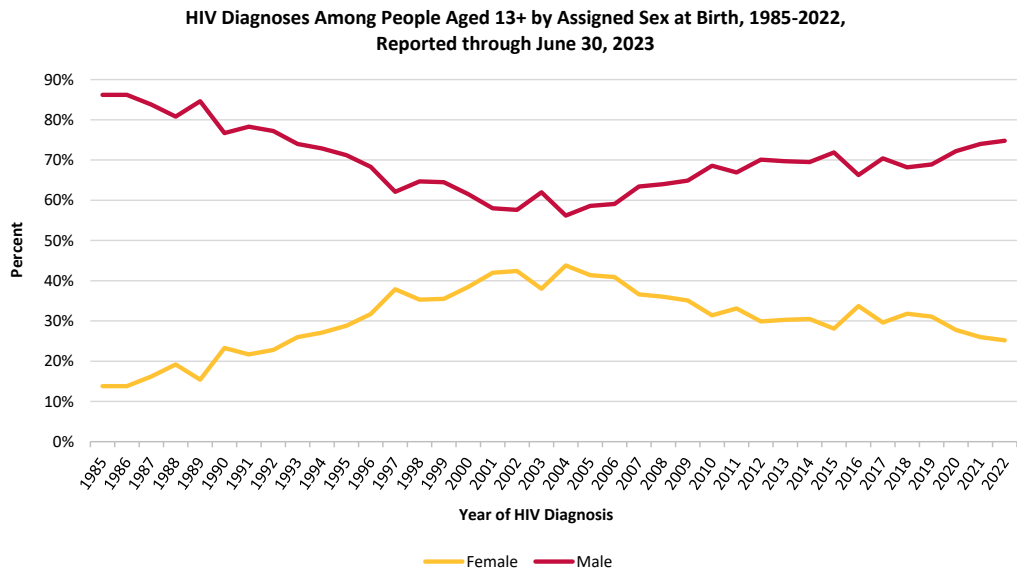
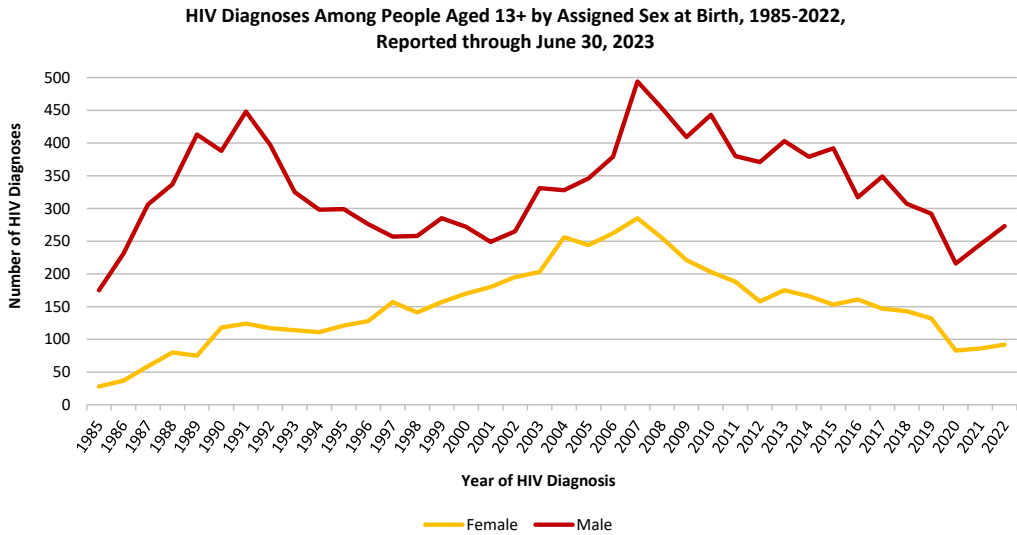
People Living with Diagnosed HIV in the Suburban Region and Not Reported to have Died as of December 31st of Each Year from 2013 through 2022, as Reported through June 30, 2023



Year	Population Aged 13+	Suburban Region Residents Aged 13+ as of December 31st of the Specified Year			
		Diagnosed with HIV in Maryland	Diagnosed with HIV Outside of Maryland	Total	Rate
2013	1,586,267	7,623	3,258	10,881	686.0
2014	1,600,795	7,679	3,297	10,976	685.7
2015	1,614,647	8,246	3,560	11,806	731.2
2016	1,622,667	8,286	3,568	11,854	730.5
2017	1,632,425	8,178	3,262	11,440	700.8
2018	1,635,724	8,247	3,234	11,481	701.9
2019	1,639,965	8,238	3,258	11,496	701.0
2020	1,697,778	8,159	3,250	11,409	672.0
2021	1,692,241	8,179	3,227	11,406	674.0
2022	1,684,934	8,469	3,264	11,733	696.3

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

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

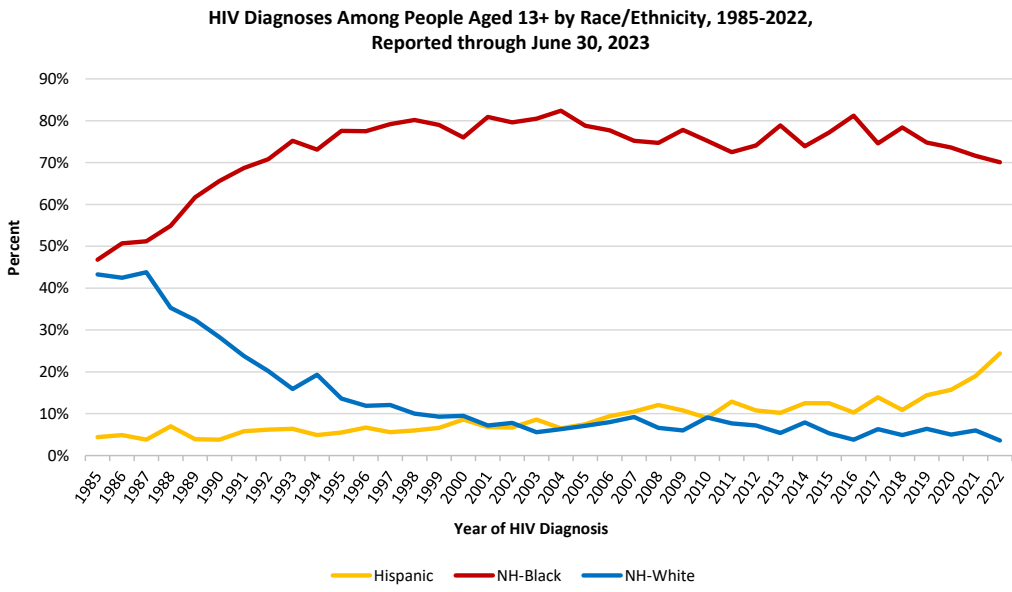
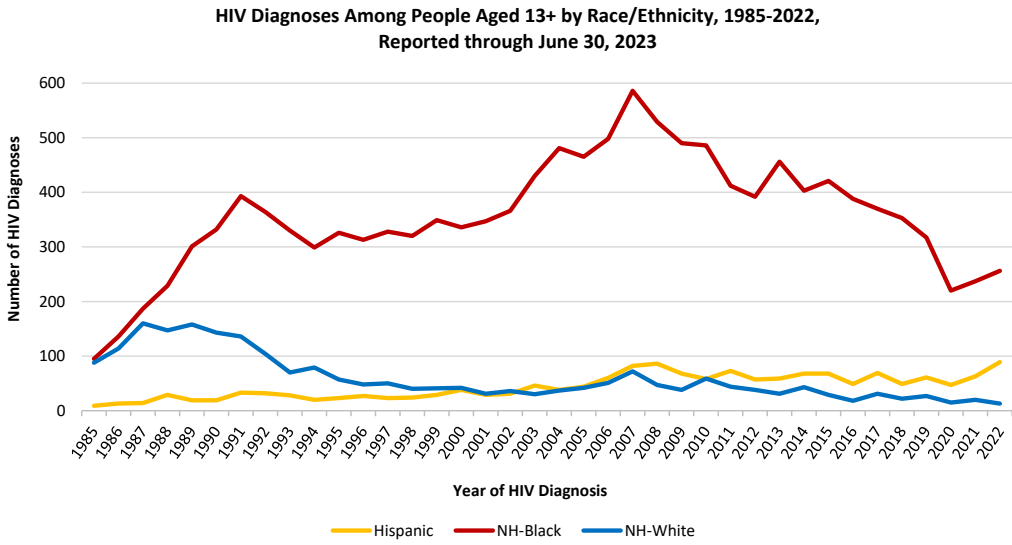


HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	Number	Assigned Sex at Birth			
		Female		Male	
		Number	Percent	Number	Percent
<1985	114	11	9.6%	103	90.4%
1985	203	28	13.8%	175	86.2%
1986	268	37	13.8%	231	86.2%
1987	365	59	16.2%	306	83.8%
1988	417	80	19.2%	337	80.8%
1989	488	75	15.4%	413	84.6%
1990	506	118	23.3%	388	76.7%
1991	572	124	21.7%	448	78.3%
1992	514	117	22.8%	397	77.2%
1993	439	114	26.0%	325	74.0%
1994	409	111	27.1%	298	72.9%
1995	420	121	28.8%	299	71.2%
1996	404	128	31.7%	276	68.3%
1997	414	157	37.9%	257	62.1%
1998	399	141	35.3%	258	64.7%
1999	442	157	35.5%	285	64.5%
2000	442	170	38.5%	272	61.5%
2001	429	180	42.0%	249	58.0%
2002	460	195	42.4%	265	57.6%
2003	534	203	38.0%	331	62.0%
2004	584	256	43.8%	328	56.2%
2005	590	244	41.4%	346	58.6%
2006	641	262	40.9%	379	59.1%
2007	779	285	36.6%	494	63.4%
2008	708	255	36.0%	453	64.0%
2009	630	221	35.1%	409	64.9%
2010	646	203	31.4%	443	68.6%
2011	568	188	33.1%	380	66.9%
2012	529	158	29.9%	371	70.1%
2013	578	175	30.3%	403	69.7%
2014	545	166	30.5%	379	69.5%
2015	545	153	28.1%	392	71.9%
2016	478	161	33.7%	317	66.3%
2017	496	147	29.6%	349	70.4%
2018	450	143	31.8%	307	68.2%
2019	424	132	31.1%	292	68.9%
2020	299	83	27.8%	216	72.2%
2021	331	86	26.0%	245	74.0%
2022	365	92	25.2%	273	74.8%
Total	18,425	5,736	31.1%	12,689	68.9%

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

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



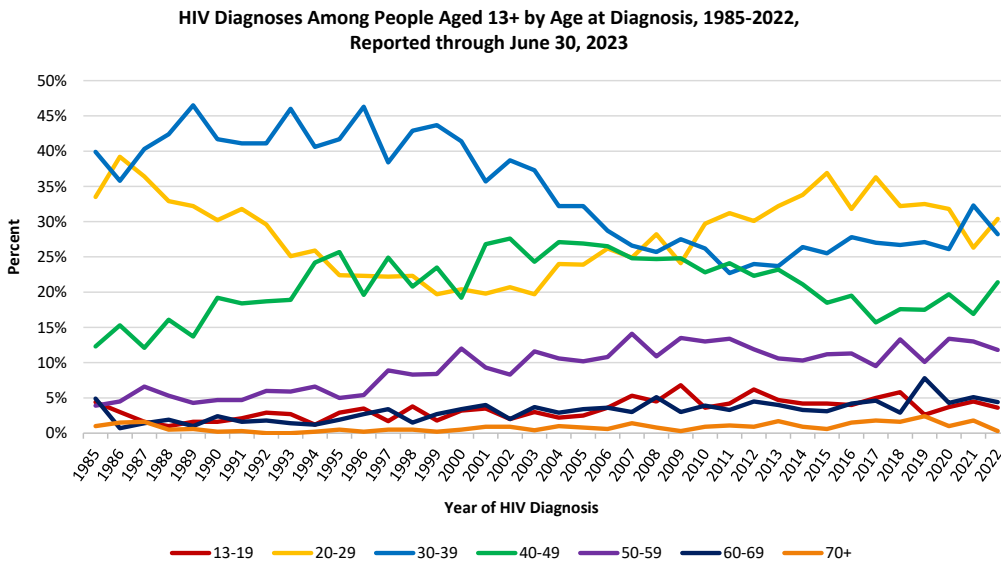
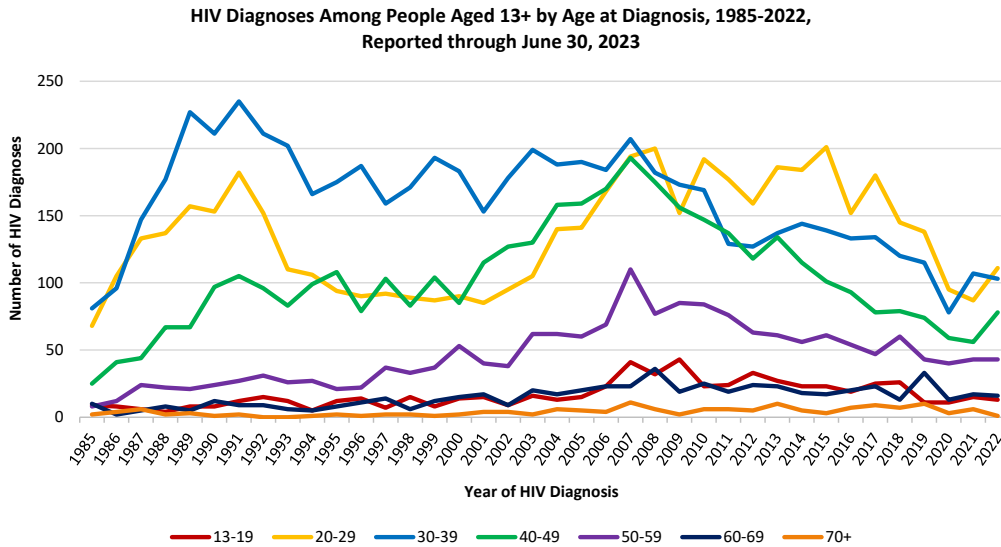
NH: Non-Hispanic
 NH-Asian, NH-American Indian, NH-Native Hawaiian/Other Pacific Islander, NH-Multiracial/Another Race not shown

HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	No.	Race/Ethnicity							
		Hispanic		Non-Hispanic Black, only		Non-Hispanic White, only		Non-Hispanic Another Race	
		No.	%	No.	%	No.	%	No.	%
<1985	114	4	3.5%	68	59.6%	37	32.5%	5	4.4%
1985	203	9	4.4%	95	46.8%	88	43.3%	11	5.4%
1986	268	13	4.9%	136	50.7%	114	42.5%	5	1.9%
1987	365	14	3.8%	187	51.2%	160	43.8%	4	1.1%
1988	417	29	7.0%	229	54.9%	147	35.3%	12	2.9%
1989	488	19	3.9%	301	61.7%	158	32.4%	10	2.0%
1990	506	19	3.8%	332	65.6%	143	28.3%	12	2.4%
1991	572	33	5.8%	393	68.7%	136	23.8%	10	1.7%
1992	514	32	6.2%	364	70.8%	104	20.2%	14	2.7%
1993	439	28	6.4%	330	75.2%	70	15.9%	11	2.5%
1994	409	20	4.9%	299	73.1%	79	19.3%	11	2.7%
1995	420	23	5.5%	326	77.6%	57	13.6%	14	3.3%
1996	404	27	6.7%	313	77.5%	48	11.9%	16	4.0%
1997	414	23	5.6%	328	79.2%	50	12.1%	13	3.1%
1998	399	24	6.0%	320	80.2%	40	10.0%	15	3.8%
1999	442	29	6.6%	349	79.0%	41	9.3%	23	5.2%
2000	442	38	8.6%	336	76.0%	42	9.5%	26	5.9%
2001	429	29	6.8%	347	80.9%	31	7.2%	22	5.1%
2002	460	31	6.7%	366	79.6%	36	7.8%	27	5.9%
2003	534	46	8.6%	430	80.5%	30	5.6%	28	5.2%
2004	584	38	6.5%	481	82.4%	37	6.3%	28	4.8%
2005	590	44	7.5%	465	78.8%	42	7.1%	39	6.6%
2006	641	60	9.4%	498	77.7%	51	8.0%	32	5.0%
2007	779	82	10.5%	586	75.2%	72	9.2%	39	5.0%
2008	708	86	12.1%	529	74.7%	47	6.6%	46	6.5%
2009	630	68	10.8%	490	77.8%	38	6.0%	34	5.4%
2010	646	58	9.0%	486	75.2%	59	9.1%	43	6.7%
2011	568	73	12.9%	412	72.5%	44	7.7%	39	6.9%
2012	529	57	10.8%	392	74.1%	38	7.2%	42	7.9%
2013	578	59	10.2%	456	78.9%	31	5.4%	32	5.5%
2014	545	68	12.5%	403	73.9%	43	7.9%	31	5.7%
2015	545	68	12.5%	421	77.2%	29	5.3%	27	5.0%
2016	478	49	10.3%	388	81.2%	18	3.8%	23	4.8%
2017	496	69	13.9%	370	74.6%	31	6.3%	26	5.2%
2018	450	49	10.9%	353	78.4%	22	4.9%	26	5.8%
2019	424	61	14.4%	317	74.8%	27	6.4%	19	4.5%
2020	299	47	15.7%	220	73.6%	15	5.0%	17	5.7%
2021	331	63	19.0%	237	71.6%	20	6.0%	11	3.3%
2022	365	89	24.4%	256	70.1%	13	3.6%	7	1.9%
Total	18,425	1,678	9.1%	13,609	73.9%	2,288	12.4%	850	4.6%

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

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

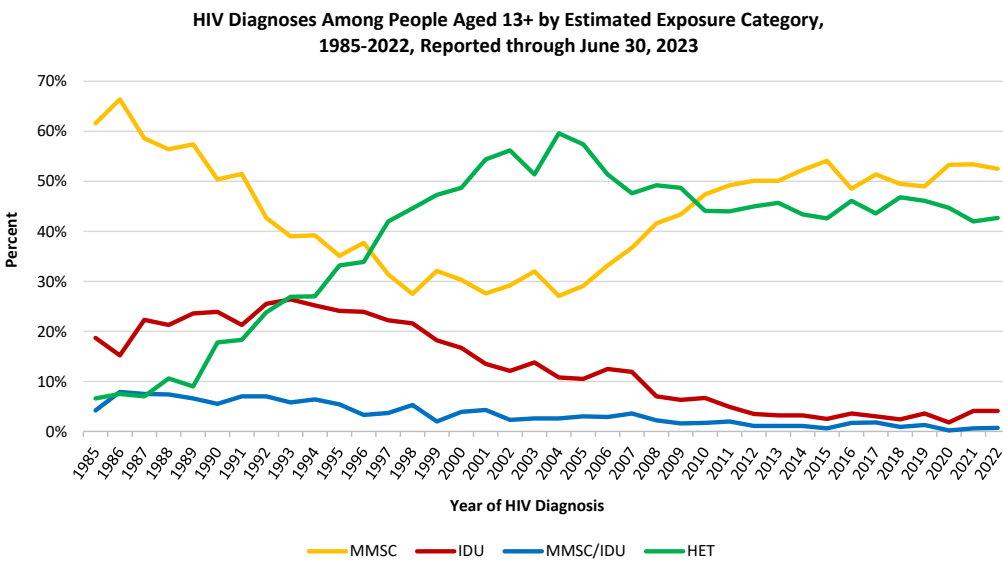
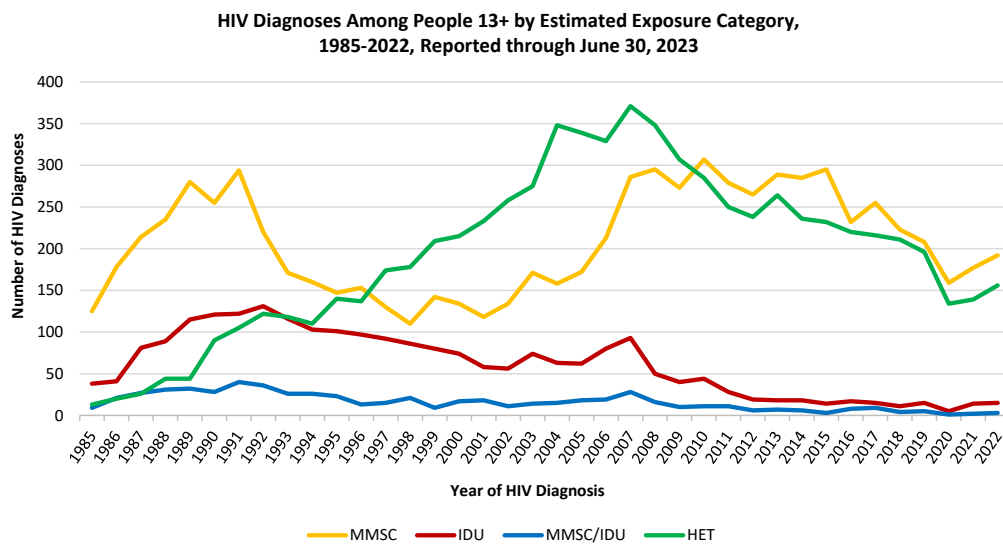


HIV Diagnoses among People Aged 13+

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	114	12	10.5%	42	36.8%	34	29.8%	19	16.7%	4	3.5%	2	1.8%	1	0.9%
1985	203	9	4.4%	68	33.5%	81	39.9%	25	12.3%	8	3.9%	10	4.9%	2	1.0%
1986	268	8	3.0%	105	39.2%	96	35.8%	41	15.3%	12	4.5%	2	0.7%	4	1.5%
1987	365	6	1.6%	133	36.4%	147	40.3%	44	12.1%	24	6.6%	5	1.4%	6	1.6%
1988	417	4	1.0%	137	32.9%	177	42.4%	67	16.1%	22	5.3%	8	1.9%	2	0.5%
1989	488	8	1.6%	157	32.2%	227	46.5%	67	13.7%	21	4.3%	5	1.0%	3	0.6%
1990	506	8	1.6%	153	30.2%	211	41.7%	97	19.2%	24	4.7%	12	2.4%	1	0.2%
1991	572	12	2.1%	182	31.8%	235	41.1%	105	18.4%	27	4.7%	9	1.6%	2	0.3%
1992	514	15	2.9%	152	29.6%	211	41.1%	96	18.7%	31	6.0%	9	1.8%	0	0.0%
1993	439	12	2.7%	110	25.1%	202	46.0%	83	18.9%	26	5.9%	6	1.4%	0	0.0%
1994	409	5	1.2%	106	25.9%	166	40.6%	99	24.2%	27	6.6%	5	1.2%	1	0.2%
1995	420	12	2.9%	94	22.4%	175	41.7%	108	25.7%	21	5.0%	8	1.9%	2	0.5%
1996	404	14	3.5%	90	22.3%	187	46.3%	79	19.6%	22	5.4%	11	2.7%	1	0.2%
1997	414	7	1.7%	92	22.2%	159	38.4%	103	24.9%	37	8.9%	14	3.4%	2	0.5%
1998	399	15	3.8%	89	22.3%	171	42.9%	83	20.8%	33	8.3%	6	1.5%	2	0.5%
1999	442	8	1.8%	87	19.7%	193	43.7%	104	23.5%	37	8.4%	12	2.7%	1	0.2%
2000	442	14	3.2%	90	20.4%	183	41.4%	85	19.2%	53	12.0%	15	3.4%	2	0.5%
2001	429	15	3.5%	85	19.8%	153	35.7%	115	26.8%	40	9.3%	17	4.0%	4	0.9%
2002	460	9	2.0%	95	20.7%	178	38.7%	127	27.6%	38	8.3%	9	2.0%	4	0.9%
2003	534	16	3.0%	105	19.7%	199	37.3%	130	24.3%	62	11.6%	20	3.7%	2	0.4%
2004	584	13	2.2%	140	24.0%	188	32.2%	158	27.1%	62	10.6%	17	2.9%	6	1.0%
2005	590	15	2.5%	141	23.9%	190	32.2%	159	26.9%	60	10.2%	20	3.4%	5	0.8%
2006	641	23	3.6%	168	26.2%	184	28.7%	170	26.5%	69	10.8%	23	3.6%	4	0.6%
2007	779	41	5.3%	194	24.9%	207	26.6%	193	24.8%	110	14.1%	23	3.0%	11	1.4%
2008	708	32	4.5%	200	28.2%	182	25.7%	175	24.7%	77	10.9%	36	5.1%	6	0.8%
2009	630	43	6.8%	152	24.1%	173	27.5%	156	24.8%	85	13.5%	19	3.0%	2	0.3%
2010	646	23	3.6%	192	29.7%	169	26.2%	147	22.8%	84	13.0%	25	3.9%	6	0.9%
2011	568	24	4.2%	177	31.2%	129	22.7%	137	24.1%	76	13.4%	19	3.3%	6	1.1%
2012	529	33	6.2%	159	30.1%	127	24.0%	118	22.3%	63	11.9%	24	4.5%	5	0.9%
2013	578	27	4.7%	186	32.2%	137	23.7%	134	23.2%	61	10.6%	23	4.0%	10	1.7%
2014	545	23	4.2%	184	33.8%	144	26.4%	115	21.1%	56	10.3%	18	3.3%	5	0.9%
2015	545	23	4.2%	201	36.9%	139	25.5%	101	18.5%	61	11.2%	17	3.1%	3	0.6%
2016	478	19	4.0%	152	31.8%	133	27.8%	93	19.5%	54	11.3%	20	4.2%	7	1.5%
2017	496	25	5.0%	180	36.3%	134	27.0%	78	15.7%	47	9.5%	23	4.6%	9	1.8%
2018	450	26	5.8%	145	32.2%	120	26.7%	79	17.6%	60	13.3%	13	2.9%	7	1.6%
2019	424	11	2.6%	138	32.5%	115	27.1%	74	17.5%	43	10.1%	33	7.8%	10	2.4%
2020	299	11	3.7%	95	31.8%	78	26.1%	59	19.7%	40	13.4%	13	4.3%	3	1.0%
2021	331	15	4.5%	87	26.3%	107	32.3%	56	16.9%	43	13.0%	17	5.1%	6	1.8%
2022	365	13	3.6%	111	30.4%	103	28.2%	78	21.4%	43	11.8%	16	4.4%	1	0.3%
Total	18,425	649	3.5%	5,174	28.1%	6,144	33.3%	3,957	21.5%	1,763	9.6%	584	3.2%	154	0.8%

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

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



Other exposure category not shown.

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

HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	No.	% with No Reported Exposure [‡]	Estimated Exposure Category [§]									
			MMSC		IDU		MMSC/IDU		HET		Other Exposure	
			No.	%	No.	%	No.	%	No.	%	No.	%
<1985	114	9.6%	77	67.2%	16	14.0%	9	7.9%	8	7.4%	4	3.5%
1985	203	6.9%	125	61.6%	38	18.7%	9	4.2%	13	6.6%	18	8.9%
1986	268	3.7%	178	66.4%	41	15.2%	21	7.9%	20	7.5%	8	3.0%
1987	365	3.3%	214	58.6%	81	22.3%	27	7.5%	26	7.0%	17	4.7%
1988	417	5.8%	235	56.4%	89	21.3%	31	7.4%	44	10.6%	18	4.3%
1989	488	7.0%	280	57.4%	115	23.6%	32	6.6%	44	9.0%	16	3.3%
1990	506	5.1%	255	50.4%	121	23.9%	28	5.5%	90	17.8%	13	2.6%
1991	572	7.5%	294	51.5%	122	21.3%	40	7.0%	105	18.3%	11	1.9%
1992	514	10.9%	220	42.7%	131	25.5%	36	7.0%	122	23.8%	5	1.0%
1993	439	9.6%	171	39.0%	116	26.4%	26	5.8%	118	26.9%	8	1.8%
1994	409	9.0%	160	39.2%	103	25.2%	26	6.4%	110	27.0%	9	2.2%
1995	420	12.1%	147	35.1%	101	24.1%	23	5.4%	140	33.2%	9	2.1%
1996	404	14.9%	153	37.7%	97	23.9%	13	3.3%	137	33.9%	5	1.2%
1997	414	15.5%	130	31.4%	92	22.2%	15	3.7%	174	42.0%	3	0.7%
1998	399	17.8%	110	27.5%	86	21.6%	21	5.3%	178	44.6%	4	1.0%
1999	442	14.9%	142	32.1%	80	18.2%	9	2.0%	209	47.3%	2	0.5%
2000	442	17.6%	134	30.3%	74	16.7%	17	3.9%	215	48.7%	2	0.5%
2001	429	16.3%	118	27.6%	58	13.5%	18	4.3%	233	54.4%	1	0.2%
2002	460	13.5%	134	29.2%	56	12.1%	11	2.3%	258	56.2%	1	0.2%
2003	534	12.9%	171	32.0%	74	13.8%	14	2.6%	275	51.4%	1	0.2%
2004	584	19.3%	158	27.1%	63	10.8%	15	2.6%	348	59.6%	0	0.0%
2005	590	20.7%	172	29.1%	62	10.5%	18	3.0%	339	57.4%	0	0.0%
2006	641	27.5%	213	33.2%	80	12.5%	19	2.9%	329	51.4%	0	0.0%
2007	779	28.6%	286	36.7%	93	11.9%	28	3.6%	371	47.6%	2	0.3%
2008	708	36.6%	295	41.6%	50	7.0%	16	2.2%	348	49.2%	0	0.0%
2009	630	34.9%	273	43.4%	40	6.3%	10	1.6%	307	48.7%	0	0.0%
2010	646	35.4%	307	47.4%	44	6.7%	11	1.7%	285	44.1%	0	0.0%
2011	568	34.0%	279	49.2%	28	4.9%	11	2.0%	250	44.0%	0	0.0%
2012	529	23.6%	265	50.1%	19	3.5%	6	1.1%	238	45.0%	2	0.4%
2013	578	20.8%	289	50.1%	18	3.2%	7	1.1%	264	45.7%	0	0.0%
2014	545	19.8%	285	52.3%	18	3.2%	6	1.1%	236	43.4%	0	0.0%
2015	545	13.4%	295	54.1%	14	2.5%	3	0.6%	232	42.6%	1	0.2%
2016	478	17.6%	232	48.5%	17	3.6%	8	1.7%	220	46.1%	1	0.2%
2017	496	17.9%	255	51.4%	15	3.0%	9	1.8%	216	43.6%	1	0.2%
2018	450	15.6%	223	49.5%	11	2.4%	4	0.9%	211	46.8%	2	0.4%
2019	424	25.7%	208	49.0%	15	3.6%	5	1.3%	196	46.1%	0	0.0%
2020	299	13.7%	159	53.3%	5	1.8%	1	0.2%	134	44.7%	0	0.0%
2021	331	19.9%	177	53.4%	14	4.1%	2	0.6%	139	42.0%	0	0.0%
2022	365	30.1%	192	52.5%	15	4.1%	3	0.7%	156	42.7%	0	0.0%
Total	18,425	18.6%	8,011	43.5%	2,312	12.5%	608	3.3%	7,338	39.8%	164	0.9%

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

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

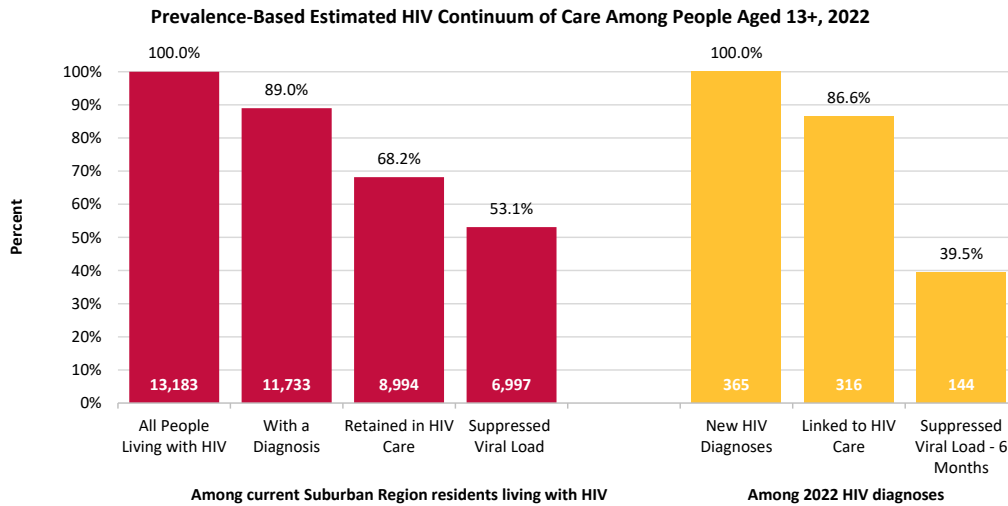
Note. Discrepancies in the table between total HIV diagnoses and the sums by exposure category are due to less than 1 percent of people missing transmission category after multiple imputation.

Section III – Continuum of Care Cascades

In their 2011 article in *Clinical Infectious Diseases*, Gardner et al.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 2022 HIV Continuum of Care Cascades, among Current Suburban Region Residents Aged 13+, Reported through June 30, 2023

The prevalence-based Suburban Region Engagement in HIV Care Cascades (below) apply the CDC CD4 depletion model to Maryland surveillance data, reported through June 30, 2023, to estimate the number of people living with undiagnosed HIV (11.0%) and the estimated number of people living with HIV currently residing in the Suburban Region. Maryland surveillance data is then used to describe the number and percentage of people living with HIV in the Suburban Region on December 31, 2022 and the number and percentage of new HIV diagnoses in 2022 who belong to each of the stages of engagement in HIV care.

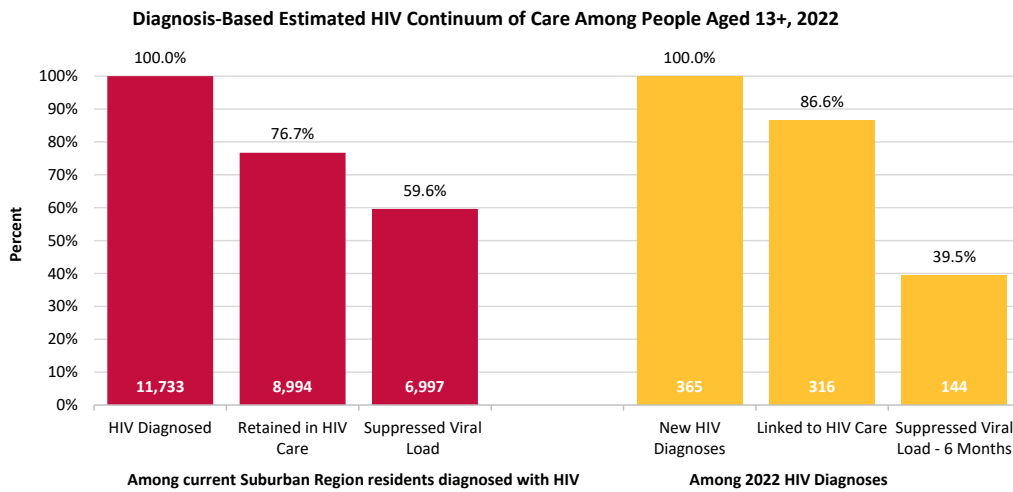


Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2022 HIV Diagnoses	
	Number	Percent		Number	Percent
All People Living with HIV	13,183	100.0%	New HIV Diagnoses	365	100.0%
With a Diagnosis	11,733	89.0%	Linked to HIV Care	316	86.6%
Retained in HIV Care	8,994	68.2%	Suppressed Viral Load – 6 Months	144	39.5%
Suppressed Viral Load	6,997	53.1%			

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

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



Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2022 HIV Diagnoses	
	Number	Percent		Number	Percent
HIV Diagnosed	11,733	100.0%	New HIV Diagnoses	365	100.0%
Retained in HIV Care	8,994	76.7%	Linked to HIV Care	316	86.6%
Suppressed Viral Load	6,997	59.6%	Suppressed Viral Load – 6 Months	144	39.5%

Section IV – By Jurisdiction

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

Jurisdiction of Residence at Diagnosis	Population Aged 13+	HIV Diagnoses among People Aged 13+			AIDS Diagnoses among People Aged 13+		
		No.	% of Total	Rate	No.	% of Total	Rate
Montgomery	886,227	107	29.3%	12.1	51	29.5%	5.8
Prince George's	798,706	258	70.7%	32.3	122	70.5%	15.3
Total	1,684,933	365	100.0%	21.7	173	100.0%	10.3

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

Jurisdiction of Residence at HIV Diagnosis	No.	HIV Diagnoses among People Aged 13+			First CD4 Test Result	
		% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	% with Test	Median Count
Montgomery	107	85.0%	43.0%	30.8%	97.2%	335
Prince George's	258	87.2%	38.0%	23.6%	95.7%	410
Total	365	86.6%	39.5%	25.8%	96.2%	385

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

Jurisdiction of Residence	Population Aged 13+	Total People Aged 13+ Living with Diagnosed HIV								% Change
		Residence at Diagnosis				Current Residence				
		No.	% of Total	Rate	Ratio (1 in X)	No.	% of Total	Rate	Ratio (1 in X)	
Montgomery	886,227	4,246	34.1%	479.1	209	3,688	31.4%	416.1	240	-13.1%
Prince George's	798,706	8,207	65.9%	1,027.5	97	8,045	68.6%	1,007.3	99	-2.0%
Total	1,684,933	12,453	100.0%	739.1	135	11,733	100.0%	696.3	144	-5.8%

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

Jurisdiction of Current Residence	No.	Total People Aged 13+ Living with Diagnosed HIV						
		Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Montgomery	3,688	2,637	71.5%	629	5.7%	11.0%	16.4%	66.9%
Prince George's	8,045	6,152	76.5%	645	6.4%	10.1%	15.3%	68.2%
Total	11,733	8,789	74.9%	641	6.2%	10.4%	15.6%	67.8%

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

Jurisdiction of Current Residence	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
Montgomery	3,688	2,339	63.4%	90.9%	5,785
Prince George's	8,045	5,515	68.6%	88.3%	7,630
Total	11,733	7,854	66.9%	89.1%	6,790

Section V – By Age

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

Age at HIV Diagnosis	Population	HIV Diagnoses						First CD4 Test Result	
		No.	% of Total	Rate	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	% with Test	Median Count
<5 (Pediatric)	116,503	1	0.3%	0.9	***	***	***	***	***
5-12 (Pediatric)	198,055	0	0.0%	0.0	--	--	--	--	--
13-19	176,859	13	3.6%	7.4	100.0%	46.2%	***	100.0%	534
20-29	244,907	111	30.3%	45.3	86.5%	41.4%	13.5%	93.7%	416
30-39	269,023	103	28.1%	38.3	89.3%	35.0%	28.2%	98.1%	373
40-49	266,235	78	21.3%	29.3	82.1%	38.5%	38.5%	97.4%	260
50-59	273,986	43	11.7%	15.7	81.4%	39.5%	37.2%	93.0%	319
60-69	234,430	16	4.4%	6.8	93.8%	56.3%	***	100.0%	379
70+	219,494	1	0.3%	0.5	***	***	***	***	***
Total	1,999,492	366	100.0%	18.3	86.6%	39.6%	25.7%	96.2%	388
Alternate Age Categories									
13-24	299,194	58	15.9%	19.4	91.4%	53.4%	12.1%	94.8%	453
25-34	255,221	129	35.3%	50.5	84.5%	***	19.4%	96.1%	383
35-44	274,637	83	22.7%	30.2	89.2%	41.0%	36.1%	97.6%	362
45-54	265,440	67	18.4%	25.2	85.1%	35.8%	35.8%	95.5%	319
55-64	264,645	21	5.8%	7.9	81.0%	47.6%	38.1%	95.2%	297
65+	325,797	7	1.9%	2.1	85.7%	***	0.0%	100.0%	407
Total	1,684,934	365	100.0%	21.7	86.6%	39.6%	25.7%	96.2%	388

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

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

Age on December 31, 2022	Population	Total People Living with Diagnosed HIV			
		No.	% of Total	Rate	Ratio (1 in X)
<5 (Pediatric)	116,503	1	0.0%	0.9	116,503
5-12 (Pediatric)	198,055	5	0.0%	2.5	39,611
13-19	176,859	61	0.5%	34.5	2,899
20-29	244,907	831	7.1%	339.3	295
30-39	269,023	2,386	20.3%	886.9	113
40-49	266,235	2,689	22.9%	1,010.0	99
50-59	273,986	3,171	27.0%	1,157.4	86
60-69	234,430	1,925	16.4%	821.1	122
70+	219,494	670	5.7%	305.2	328
Total	1,999,492	11,739	100.0%	587.1	170

Alternate Age Categories

13-24	299,194	307	2.6%	102.6	975
25-34	255,221	1,760	15.0%	689.6	145
35-44	274,637	2,570	21.9%	935.8	107
45-54	265,440	2,865	24.4%	1,079.3	93
55-64	264,645	2,799	23.9%	1,057.6	95
65+	325,797	1,432	12.2%	439.5	228
Total	1,684,934	11,733	100.0%	696.3	144

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

Age on December 31, 2022	Total People Aged 13+ Living with Diagnosed HIV								
	No.	Recent CD4 Test Results				<200	200-349	350-499	500+
		No. with Test	% with Test	Median Count					
13-19	61	31	50.8%	653	6.5%	12.9%	3.2%	77.4%	
20-29	831	640	77.0%	680	5.6%	7.2%	14.7%	72.5%	
30-39	2,386	1,761	73.8%	645	6.2%	9.3%	15.7%	68.8%	
40-49	2,689	1,999	74.3%	648	6.9%	9.9%	15.0%	68.2%	
50-59	3,171	2,401	75.7%	642	5.8%	10.4%	16.4%	67.4%	
60-69	1,925	1,487	77.2%	626	5.8%	12.6%	15.4%	66.2%	
70+	670	470	70.1%	567	7.0%	14.0%	16.8%	62.1%	
Total	11,733	8,789	74.9%	641	6.2%	10.4%	15.6%	67.8%	

Alternate Age Categories

13-24	307	230	74.9%	640	5.7%	10.4%	12.6%	71.3%
25-34	1,760	1,309	74.4%	673	6.0%	7.5%	15.3%	71.3%
35-44	2,570	1,898	73.9%	641	6.5%	10.2%	15.5%	67.8%
45-54	2,865	2,163	75.5%	642	6.5%	10.1%	16.0%	67.5%
55-64	2,799	2,131	76.1%	641	6.0%	10.7%	15.8%	67.6%
65+	1,432	1,058	73.9%	599	5.8%	14.4%	16.0%	63.9%
Total	11,733	8,789	74.9%	641	6.2%	10.4%	15.6%	67.8%

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

Age on December 31, 2022	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
13-19	61	55	90.2%	76.4%	30,600
20-29	831	594	71.5%	80.1%	8,965
30-39	2,386	1,578	66.1%	84.8%	9,260
40-49	2,689	1,825	67.9%	88.9%	6,470
50-59	3,171	2,142	67.5%	91.5%	6,270
60-69	1,925	1,267	65.8%	94.2%	1,160
70+	670	393	58.7%	93.4%	7,130
Total	11,733	7,854	66.9%	89.1%	6,790
Alternate Age Categories					
13-24	307	241	78.5%	81.3%	35,400
25-34	1,760	1,178	66.9%	81.5%	7,835
35-44	2,570	1,730	67.3%	87.1%	6,570
45-54	2,865	1,951	68.1%	89.9%	10,150
55-64	2,799	1,875	67.0%	93.5%	2,260
65+	1,432	879	61.4%	94.1%	3,450
Total	11,733	7,854	66.9%	89.1%	6,790

Section VI – By Demographics

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

Demographic Characteristics	Population Aged 13+	HIV Diagnoses among People Aged 13+						First CD4 Test Result	
		No.	% of Total	Rate	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	% with Test	Median Count
Assigned Sex at Birth									
Female	874,585	92	25.2%	10.5	84.8%	50.0%	27.2%	96.7%	420
Male	810,349	273	74.8%	33.7	87.2%	35.9%	25.3%	96.0%	372
Gender Identity									
Cisgender Man or Boy	810,349	262	71.8%	32.3	86.6%	35.9%	26.0%	96.2%	364
Cisgender Woman or Girl	874,585	92	25.2%	10.5	84.8%	***	***	96.7%	420
Transgender Man or Boy	--	0	0.0%	0.0	--	--	--	--	--
Transgender Woman or Girl	--	11	3.0%	0.0	100.0%	***	***	90.9%	494
Another Gender Identity	--	0	0.0%	0.0	--	--	--	--	--
Race/Ethnicity									
Hispanic	315,823	89	24.4%	28.2	93.3%	50.6%	28.1%	93.3%	359
Non-Hispanic	1,369,110	276	75.6%	20.2	84.4%	35.9%	25.0%	97.1%	395
American Indian/Alaska Native, only	3,423	0	0.0%	0.0	--	--	--	--	--
Asian, only	179,434	4	1.1%	2.2	***	***	***	***	***
Black, only	670,263	256	70.1%	38.2	84.0%	34.4%	24.2%	96.9%	395
Native Hawaiian/Other Pacific Islander, only	704	0	0.0%	0.0	--	--	--	--	--
White, only	479,493	13	3.6%	2.7	84.6%	61.5%	38.5%	100.0%	352
Multiracial/Another Race	35,794	3	0.8%	8.4	***	***	***	***	***
Total	1,684,934	365	100.0%	21.7	86.6%	39.5%	25.8%	96.2%	385
Country of Birth									
United States	1,112,484	278	76.2%	25.0	85.3%	35.3%	23.0%	96.0%	410
Foreign-Born	522,919	78	21.4%	14.9	89.7%	50.0%	33.3%	96.2%	302
Africa	--	44	12.1%	--	88.6%	45.5%	38.6%	97.7%	280
Asia	--	1	0.3%	--	***	***	***	***	***
Caribbean	--	9	2.5%	--	77.8%	55.6%	***	88.9%	498
Central America	--	20	5.5%	--	95.0%	50.0%	25.0%	95.0%	302
Other	--	4	1.1%	--	***	***	***	***	***
Unknown	--	9	2.5%	--	100.0%	77.8%	***	100.0%	281
Total	1,635,403	365	100.0%	22.3	86.6%	39.5%	25.8%	96.2%	385

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

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

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

HIV Diagnoses among People Aged 13+								
Race/Ethnicity	Assigned Sex at Birth							
	Female				Male			
	Population 13+	No.	% of Total	Rate	Population 13+	No.	% of Total	Rate
Hispanic	151,579	7	7.6%	4.6	164,245	82	30.0%	49.9
Non-Hispanic	723,006	85	92.4%	11.8	646,104	191	70.0%	29.6
American Indian/Alaska Native, only	1,826	0	0.0%	0.0	1,597	0	0.0%	0.0
Asian, only	95,511	0	0.0%	0.0	83,923	4	1.5%	4.8
Black, only	361,965	82	89.1%	22.7	308,297	174	63.7%	56.4
Native Hawaiian/Other Pacific Islander, only	398	0	0.0%	0.0	306	0	0.0%	0.0
White, only	244,177	2	2.2%	0.8	235,316	11	4.0%	4.7
Multiracial/Another Race	19,130	1	1.1%	5.2	16,664	2	0.7%	12.0
Total	874,585	92	100.0%	10.5	810,349	273	100.0%	33.7

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

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

Demographic Characteristics	Population Aged 13+	Total People Aged 13+ Living with Diagnosed HIV			
		No.	% of Total	Rate	Ratio (1 in X)
Assigned Sex at Birth					
Female	874,585	4,021	34.3%	459.8	218
Male	810,349	7,712	65.7%	951.7	105
Gender Identity					
Cisgender Man or Boy	810,349	7,627	65.0%	941.2	106
Cisgender Woman or Girl	874,585	4,016	34.2%	459.2	218
Transgender Man or Boy	--	4	0.0%	--	--
Transgender Woman or Girl	--	86	0.7%	--	--
Another Gender Identity	--	0	0.0%	--	--
Race/Ethnicity					
Hispanic	315,823	1,310	11.2%	414.8	241
Non-Hispanic	1,369,110	10,423	88.8%	761.3	131
American Indian/Alaska Native, only	3,423	***	***	***	***
Asian, only	179,434	116	1.0%	64.6	1,547
Black, only	670,263	8,992	76.6%	1,341.6	75
Native Hawaiian/Other Pacific Islander, only	704	***	***	***	***
White, only	479,493	779	6.6%	162.5	616
Multiracial/Another Race	35,794	524	4.5%	1,463.9	68
Total	1,684,934	11,733	100.0%	696.3	144
Country of Birth					
United States	1,112,484	8,528	72.7%	766.6	130
Foreign-Born	522,919	2,871	24.5%	549.0	182
Africa	--	1,918	16.3%	--	--
Asia	--	89	0.8%	--	--
Caribbean	--	182	1.6%	--	--
Central America	--	467	4.0%	--	--
Other	--	215	1.8%	--	--
Unknown	--	334	2.8%	--	--
Total	1,635,403	11,733	100.0%	717.4	139

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

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

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

Total People Aged 13+ Living with Diagnosed HIV								
Race/Ethnicity	Assigned Sex at Birth							
	Female				Male			
	Population 13+	No.	% of Total	Rate	Population 13+	No.	% of Total	Rate
Hispanic	151,579	273	6.8%	180.1	164,245	1,037	13.4%	631.4
Non-Hispanic	723,006	3,748	93.2%	518.4	646,104	6,675	86.6%	1,033.1
American Indian/Alaska Native, only	1,826	***	***	***	1,597	***	***	***
Asian, only	95,511	17	0.4%	17.8	83,923	99	1.3%	118.0
Black, only	361,965	3,467	86.2%	957.8	308,297	5,525	71.6%	1,792.1
Native Hawaiian/Other Pacific Islander, only	398	***	***	***	306	***	***	***
White, only	244,177	121	3.0%	49.6	235,316	658	8.5%	279.6
Multiracial/Another Race	19,130	139	3.5%	726.6	16,664	385	5.0%	2,310.3
Total	874,585	4,021	100.0%	459.8	810,349	7,712	100.0%	951.7

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

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

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

Demographic Characteristics	Total People Aged 13+ Living with Diagnosed HIV							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Assigned Sex at Birth								
Female	4,021	3,018	75.1%	683	5.0%	9.3%	14.2%	71.5%
Male	7,712	5,771	74.8%	622	6.8%	11.0%	16.4%	65.9%
Gender Identity								
Cisgender Man or Boy	7,627	5,703	74.8%	621	6.8%	11.0%	16.4%	65.8%
Cisgender Woman or Girl	4,016	3,015	75.1%	683	5.0%	9.3%	14.2%	71.5%
Transgender Man or Boy	4	***	***	***	***	***	***	***
Transgender Woman or Girl	86	***	***	***	***	***	***	***
Another Gender Identity	0	--	--	--	--	--	--	--
Race/Ethnicity								
Hispanic	1,310	1,008	76.9%	622	6.7%	10.4%	15.7%	67.2%
Non-Hispanic	10,423	7,781	74.7%	643	6.1%	10.4%	15.6%	67.9%
American Indian/Alaska Native, only	***	***	***	***	***	***	***	***
Asian, only	116	84	72.4%	649	3.6%	7.1%	17.9%	71.4%
Black, only	8,992	6,706	74.6%	641	6.4%	10.4%	15.9%	67.3%
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***	***	***	***
White, only	779	566	72.7%	688	3.5%	9.9%	11.8%	74.7%
Multiracial/Another Race	524	415	79.2%	621	5.5%	11.3%	16.1%	67.0%
Country of Birth								
United States	8,528	6,500	76.2%	650	6.4%	10.0%	14.8%	68.7%
Foreign-Born	2,871	2,066	72.0%	604	5.7%	11.7%	18.2%	64.5%
Africa	1,918	1,369	71.4%	590	5.8%	11.5%	19.5%	63.3%
Asia	89	67	75.3%	638	3.0%	7.5%	19.4%	70.1%
Caribbean	182	125	68.7%	668	6.4%	12.0%	14.4%	67.2%
Central America	467	363	77.7%	577	6.1%	14.6%	15.7%	63.6%
Other	215	142	66.0%	660	4.9%	7.7%	14.1%	73.2%
Unknown	334	223	66.8%	659	4.0%	8.5%	15.7%	71.7%
Total	11,733	8,789	74.9%	641	6.2%	10.4%	15.6%	67.8%

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

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

Demographic Characteristics	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
Assigned Sex at Birth					
Female	4,021	2,672	66.5%	89.6%	5,700
Male	7,712	5,182	67.2%	88.8%	7,995
Gender Identity					
Cisgender Man or Boy	7,627	5,116	67.1%	89.0%	7,240
Cisgender Woman or Girl	4,016	2,669	66.5%	89.5%	5,700
Transgender Man or Boy	4	***	***	***	***
Transgender Woman or Girl	86	***	***	***	***
Another Gender Identity	0	--	--	--	--
Race/Ethnicity					
Hispanic	1,310	929	70.9%	89.5%	13,000
Non-Hispanic	10,423	6,925	66.4%	89.0%	6,570
American Indian/Alaska Native, only	***	***	***	***	***
Asian, only	116	79	68.1%	93.7%	1,910
Black, only	8,992	5,929	65.9%	88.4%	6,755
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***
White, only	779	541	69.4%	95.4%	32,800
Multiracial/Another Race	524	366	69.8%	89.3%	4,370
Country of Birth					
United States	8,528	5,803	68.0%	88.3%	7,085
Foreign-Born	2,871	1,850	64.4%	91.0%	5,085
Africa	1,918	1,203	62.7%	90.7%	4,600
Asia	89	62	69.7%	95.2%	4,540
Caribbean	182	114	62.6%	93.0%	50,850
Central America	467	344	73.7%	90.7%	20,004
Other	215	127	59.1%	91.3%	800
Unknown	334	201	60.2%	93.5%	8,570
Total	11,733	7,854	66.9%	89.1%	6,790

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

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

Age on December 31, 2022		Total Females Living with Diagnosed HIV				Total Females by Age Group
		Race/Ethnicity				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race	
<13 (Pediatric)	Population	46,854	55,043	31,048	20,699	153,644
	Number	0	3	0	0	3
	Rate	0.0	5.5	0.0	0.0	2.0
	Ratio (1 in X)	--	18,348	--	--	51,215
13-19	Population	23,296	31,312	19,681	11,706	85,995
	Number	4	21	2	1	28
	Rate	17.2	67.1	10.2	8.5	32.6
	Ratio (1 in X)	5,824	1,491	9,840	11,706	3,071
20-29	Population	27,498	51,866	27,353	15,946	122,663
	Number	14	151	3	2	170
	Rate	50.9	291.1	11.0	12.5	138.6
	Ratio (1 in X)	1,964	343	9,118	7,973	722
30-39	Population	27,212	56,420	32,572	18,848	135,052
	Number	52	444	18	20	534
	Rate	191.1	787.0	55.3	106.1	395.4
	Ratio (1 in X)	523	127	1,810	942	253
40-49	Population	28,851	54,043	31,879	20,113	134,886
	Number	75	943	25	45	1,088
	Rate	260.0	1,744.9	78.4	223.7	806.6
	Ratio (1 in X)	385	57	1,275	447	124
50-59	Population	21,519	64,027	37,840	18,996	142,382
	Number	78	1,050	29	46	1,203
	Rate	362.5	1,639.9	76.6	242.2	844.9
	Ratio (1 in X)	276	61	1,305	413	118
60-69	Population	13,356	54,125	41,778	15,241	124,500
	Number	31	628	27	37	723
	Rate	232.1	1,160.3	64.6	242.8	580.7
	Ratio (1 in X)	431	86	1,547	412	172
70+	Population	9,847	50,172	53,074	16,014	129,107
	Number	19	230	17	9	275
	Rate	193.0	458.4	32.0	56.2	213.0
	Ratio (1 in X)	518	218	3,122	1,779	469
Total Females by Race/Ethnicity	Population	198,433	417,008	275,225	137,563	1,028,229
	Number	269	3,449	119	159	3,996
	Rate	135.6	827.1	43.2	115.6	388.6
	Ratio (1 in X)	738	121	2,313	865	257

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

Age on December 31, 2022		Total Females Living with Diagnosed HIV				Total Females by Age Group
		Race/Ethnicity				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race	
13-24	Population	37,838	55,866	33,706	19,410	146,820
	Number	8	59	3	1	71
	Rate	21.1	105.6	8.9	5.2	48.4
	Ratio (1 in X)	4,730	947	11,235	19,410	2,068
25-34	Population	26,073	55,948	28,463	17,350	127,834
	Number	35	291	7	9	342
	Rate	134.2	520.1	24.6	51.9	267.5
	Ratio (1 in X)	745	192	4,066	1,928	374
35-44	Population	29,415	55,338	34,233	19,872	138,858
	Number	70	686	24	28	808
	Rate	238.0	1,239.7	70.1	140.9	581.9
	Ratio (1 in X)	420	81	1,426	710	172
45-54	Population	25,206	57,825	33,072	19,933	136,036
	Number	75	1,059	30	60	1,224
	Rate	297.5	1,831.4	90.7	301.0	899.8
	Ratio (1 in X)	336	55	1,102	332	111
55-64	Population	17,646	62,189	41,530	17,163	138,528
	Number	56	872	27	38	993
	Rate	317.4	1,402.2	65.0	221.4	716.8
	Ratio (1 in X)	315	71	1,538	452	140
65+	Population	15,401	74,799	73,173	23,136	186,509
	Number	29	500	30	24	583
	Rate	188.3	668.5	41.0	103.7	312.6
	Ratio (1 in X)	531	150	2,439	964	320
Total Females by Race/Ethnicity	Population	151,579	361,965	244,177	116,864	874,585
	Number	273	3,467	121	160	4,021
	Rate	180.1	957.8	49.6	136.9	459.8
	Ratio (1 in X)	555	104	2,018	730	218

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

Age on December 31, 2022		Total Males Living with Diagnosed HIV				Total Males by Age Group
		Race/Ethnicity				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race	
<13 (Pediatric)	Population	49,565	56,178	33,073	160,914	22,099
	Number	0	2	1	3	0
	Rate	0.0	3.6	3.0	1.9	0.0
	Ratio (1 in X)	--	28,089	33,073	53,638	--
13-19	Population	24,993	31,996	21,272	90,864	12,602
	Number	6	26	1	33	0
	Rate	24.0	81.3	4.7	36.3	0.0
	Ratio (1 in X)	4,165	1,231	21,272	2,753	--
20-29	Population	29,500	48,495	28,848	122,244	15,401
	Number	123	480	26	661	32
	Rate	416.9	989.8	90.1	540.7	207.8
	Ratio (1 in X)	240	101	1,110	185	481
30-39	Population	30,131	52,997	33,642	133,971	17,201
	Number	263	1,397	75	1,852	117
	Rate	872.9	2,636.0	222.9	1,382.4	680.2
	Ratio (1 in X)	115	38	449	72	147
40-49	Population	35,427	47,153	32,016	131,349	16,753
	Number	304	1,076	110	1,601	111
	Rate	858.1	2,281.9	343.6	1,218.9	662.6
	Ratio (1 in X)	117	44	291	82	151
50-59	Population	24,513	53,314	38,010	131,604	15,767
	Number	217	1,424	198	1,968	129
	Rate	885.2	2,671.0	520.9	1,495.4	818.2
	Ratio (1 in X)	113	37	192	67	122
60-69	Population	12,938	43,359	40,686	109,930	12,947
	Number	100	837	186	1,202	79
	Rate	772.9	1,930.4	457.2	1,093.4	610.2
	Ratio (1 in X)	129	52	219	91	164
70+	Population	6,743	30,983	40,842	90,387	11,819
	Number	24	285	62	395	24
	Rate	355.9	919.9	151.8	437.0	203.1
	Ratio (1 in X)	281	109	659	229	492
Total Males by Race/Ethnicity	Population	213,810	364,475	268,389	971,263	124,589
	Number	1,031	5,501	658	7,682	492
	Rate	482.2	1,509.3	245.2	790.9	394.9
	Ratio (1 in X)	207	66	408	126	253

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

Age on December 31, 2022		Total Males Living with Diagnosed HIV				Total Males by Age Group
		Race/Ethnicity				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race	
13-24	Population	40,600	55,392	36,124	20,257	152,374
	Number	36	179	7	14	236
	Rate	88.7	323.2	19.4	69.1	154.9
	Ratio (1 in X)	1,128	309	5,161	1,447	646
25-34	Population	28,222	52,991	29,924	16,250	127,387
	Number	234	1,062	51	71	1,418
	Rate	829.1	2,004.1	170.4	436.9	1,113.1
	Ratio (1 in X)	121	50	587	229	90
35-44	Population	34,801	49,542	34,247	17,189	135,779
	Number	276	1,267	98	121	1,762
	Rate	793.1	2,557.4	286.2	703.9	1,297.7
	Ratio (1 in X)	126	39	349	142	77
45-54	Population	30,155	49,207	33,501	16,541	129,404
	Number	261	1,143	128	109	1,641
	Rate	865.5	2,322.8	382.1	659.0	1,268.1
	Ratio (1 in X)	116	43	262	152	79
55-64	Population	18,521	51,674	41,449	14,473	126,117
	Number	172	1,279	237	118	1,806
	Rate	928.7	2,475.1	571.8	815.3	1,432.0
	Ratio (1 in X)	108	40	175	123	70
65+	Population	11,946	49,491	60,071	17,780	139,288
	Number	58	595	137	59	849
	Rate	485.5	1,202.2	228.1	331.8	609.5
	Ratio (1 in X)	206	83	438	301	164
Total Males by Race/Ethnicity	Population	164,245	308,297	235,316	102,490	810,349
	Number	1,037	5,525	658	492	7,712
	Rate	631.4	1,792.1	279.6	480.0	951.7
	Ratio (1 in X)	158	56	358	208	105

Section VII – By HIV Exposure Category

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

Estimated or Reported Exposure Category	HIV Diagnoses among People Aged 13+					First CD4 Test Result	
	No.	% of Total	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	% with Test	Median Count
Male-to-male Sexual Contact (MMSM)	192	52.5%	88.1%	61.7%	21.2%	95.8%	406
Injection Drug Use (IDU)	15	4.1%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MMSM/IDU)	3	0.7%	***	***	***	***	***
Heterosexual Contact (HET)	156	42.7%	84.6%	71.2%	29.8%	96.7%	367
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	365	100.0%	86.6%	65.2%	25.8%	96.2%	385
Female Estimated or Reported Exposure Category							
Injection Drug Use (IDU)	7	8.0%	***	***	***	***	***
Heterosexual Contact (HET)	85	92.0%	***	***	***	***	***
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	92	100.0%	84.8%	80.7%	27.2%	96.7%	420
Male Estimated or Reported Exposure Category							
Male-to-male Sexual Contact (MMSM)	192	70.2%	88.1%	61.7%	21.2%	95.8%	406
Injection Drug Use (IDU)	7	2.7%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MMSM/IDU)	3	1.0%	***	***	***	***	***
Heterosexual Contact (HET)	71	26.1%	84.6%	57.8%	35.2%	96.4%	336
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	273	100.0%	87.2%	59.8%	25.3%	96.0%	372

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

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

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

Estimated or Reported Exposure Category	Total People Aged 13+ Living with Diagnosed HIV	
	No.	% of Total
Male-to-male Sexual Contact (MMSC)	5,280	45.0%
Injection Drug Use (IDU)	678	5.8%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	258	2.2%
Heterosexual Contact (HET)	5,331	45.4%
Perinatal Transmission	137	1.2%
Other Exposure	12	0.1%
No Estimated or Reported Exposure	36	0.3%
Total	11,733	100.0%
Female Estimated or Reported Exposure Category		
Injection Drug Use (IDU)	313	7.8%
Heterosexual Contact (HET)	3,606	89.7%
Perinatal Transmission	79	2.0%
Other Exposure	7	0.2%
No Estimated or Reported Exposure	16	0.4%
Total	4,021	100.0%
Male Estimated or Reported Exposure Category		
Male-to-male Sexual Contact (MMSC)	5,280	68.5%
Injection Drug Use (IDU)	365	4.7%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	258	3.4%
Heterosexual Contact (HET)	1,725	22.4%
Perinatal Transmission	58	0.8%
Other Exposure	5	0.1%
No Estimated or Reported Exposure	20	0.3%
Total	7,712	100.0%

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

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

Estimated or Reported Exposure Category	Total People Aged 13+ Living with Diagnosed HIV					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total	No.	% of Total	No.	% of Total
Male-to-male Sexual Contact (MMSC)	725	55.3%	3,615	40.2%	559	71.8%
Injection Drug Use (IDU)	37	2.8%	562	6.3%	45	5.8%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	27	2.0%	178	2.0%	30	3.8%
Heterosexual Contact (HET)	507	38.7%	4,481	49.8%	136	17.5%
Perinatal Transmission	12	0.9%	118	1.3%	4	0.5%
Other Exposure	1	0.1%	6	0.1%	3	0.4%
No Estimated or Reported Exposure	2	0.2%	31	0.3%	2	0.3%
Total	1,311	100.0%	8,991	100.0%	779	100.0%
Female Estimated or Reported Exposure Category						
Injection Drug Use (IDU)	12	4.4%	265	7.6%	20	16.2%
Heterosexual Contact (HET)	254	93.0%	3,116	89.9%	95	78.8%
Perinatal Transmission	6	2.2%	68	2.0%	3	2.5%
Other Exposure	0	0.0%	5	0.1%	1	0.8%
No Estimated or Reported Exposure	1	0.4%	13	0.4%	2	1.7%
Total	273	100.0%	3,467	100.0%	121	100.0%
Male Estimated or Reported Exposure Category						
Male-to-male Sexual Contact (MMSC)	725	69.9%	3,615	65.4%	559	85.0%
Injection Drug Use (IDU)	25	2.4%	297	5.4%	26	3.9%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	27	2.6%	178	3.2%	30	4.5%
Heterosexual Contact (HET)	253	24.4%	1,364	24.7%	41	6.2%
Perinatal Transmission	6	0.6%	50	0.9%	1	0.2%
Other Exposure	1	0.1%	1	0.0%	2	0.3%
No Estimated or Reported Exposure	1	0.1%	18	0.3%	0	0.0%
Total	1,038	100.0%	5,523	100.0%	659	100.0%

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

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

Estimated or Reported Exposure Category	Total People Aged 13+ with Living Diagnosed HIV							
	No.	Recent CD4 Test Results						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
Male-to-male Sexual Contact (MMSC)	5,280	4,043	76.6%	645	5.7%	9.6%	15.4%	69.2%
Injection Drug Use (IDU)	678	489	72.0%	633	7.8%	12.1%	16.6%	63.6%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	258	186	72.1%	539	7.8%	15.1%	19.1%	58.0%
Heterosexual Contact (HET)	5,331	3,944	74.0%	641	6.2%	10.7%	15.6%	67.5%
Perinatal Transmission	137	89	65.0%	638	15.7%	9.0%	12.4%	62.9%
Other Exposure	12	10	83.3%	529	0.0%	10.0%	30.0%	60.0%
No Estimated or Reported Exposure	36	28	77.8%	535	10.7%	10.7%	17.9%	60.7%
Total	11,733	8,789	74.9%	641	6.2%	10.4%	15.6%	67.8%

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

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

Estimated or Reported Exposure Category	Total People Aged 13+ with Living Diagnosed HIV				
	No.	Recent Viral Load Test Results			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
Male-to-male Sexual Contact (MMSC)	5,280	3,655	69.2%	88.9%	8,550
Injection Drug Use (IDU)	678	420	61.9%	88.6%	9,460
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	258	166	64.3%	87.1%	3,410
Heterosexual Contact (HET)	5,331	3,472	65.1%	90.0%	6,270
Perinatal Transmission	137	107	78.1%	72.0%	10,980
Other Exposure	12	9	75.0%	100.0%	--
No Estimated or Reported Exposure	36	25	69.4%	72.0%	3,310
Total	11,733	7,854	66.9%	89.1%	6,790

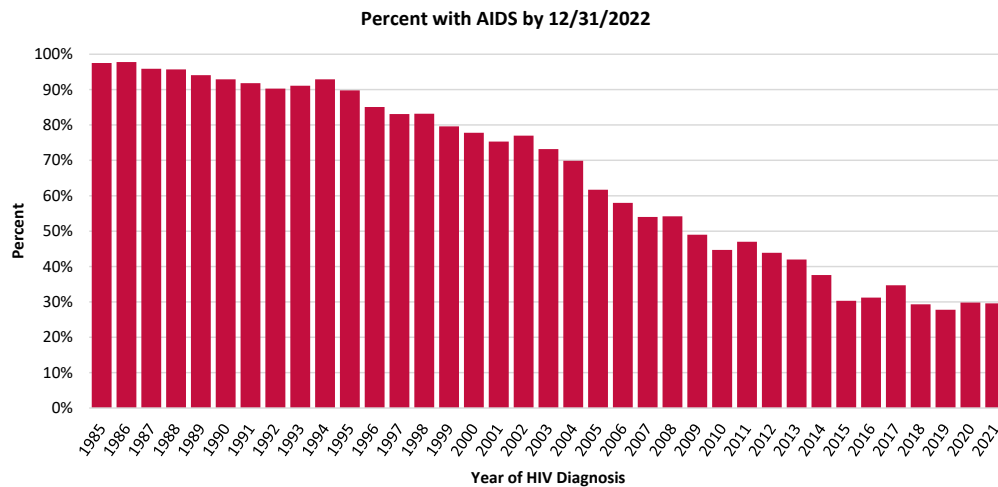
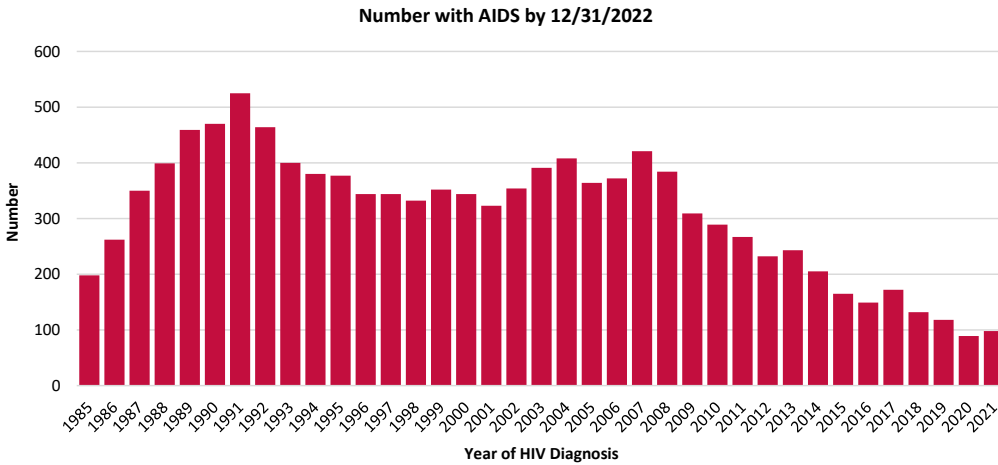
Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Median unsuppressed is weighted based on statistical adjustment.

Section VIII – Disease Progression and Mortality

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

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

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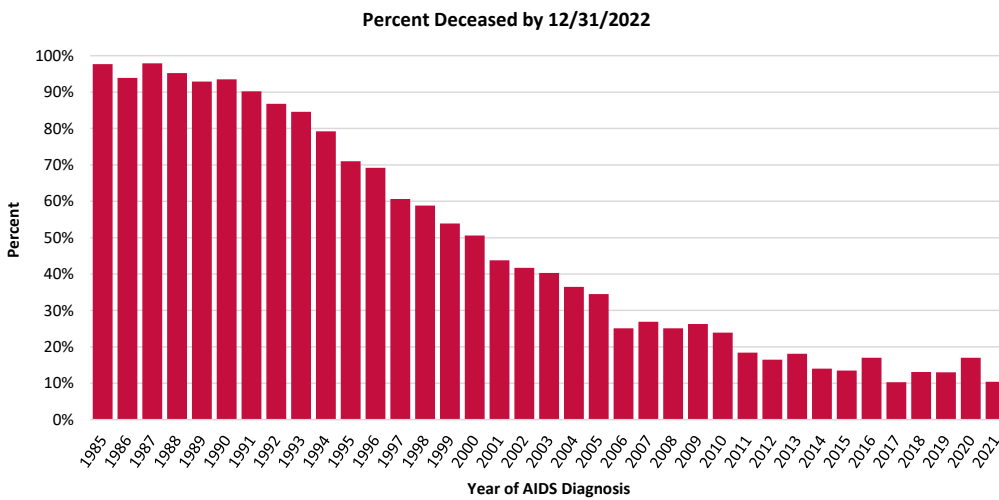
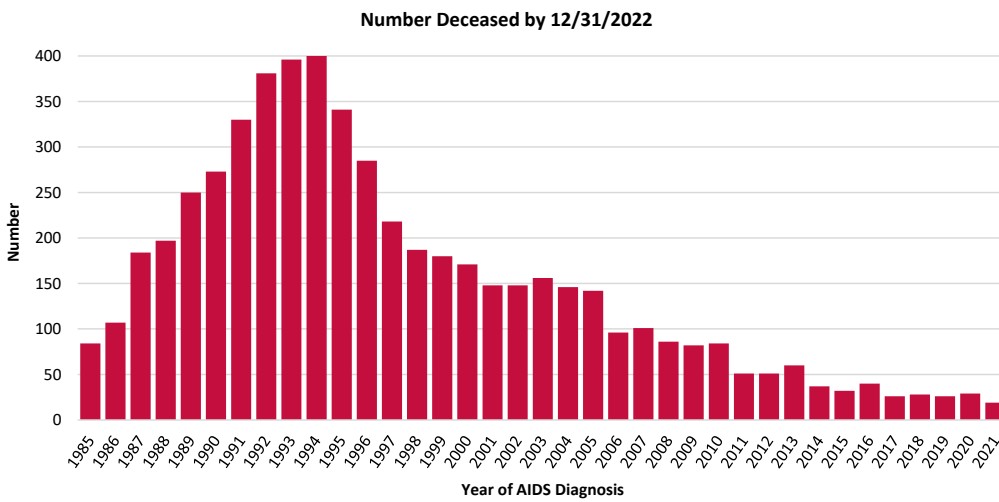


HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	No.	AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	114	107	93.9%	7.9	41.2%	41.2%	43.9%	57.9%
1985	203	198	97.5%	5.7	42.4%	43.8%	49.8%	77.3%
1986	268	262	97.8%	4.7	43.3%	44.0%	54.9%	86.9%
1987	365	350	95.9%	3.9	47.7%	48.5%	64.4%	86.8%
1988	417	399	95.7%	3.3	48.7%	53.2%	72.9%	89.2%
1989	488	459	94.1%	3.0	48.8%	51.6%	73.4%	88.7%
1990	506	470	92.9%	3.0	48.6%	55.7%	74.1%	87.4%
1991	572	525	91.8%	2.6	51.6%	60.5%	79.0%	86.2%
1992	514	464	90.3%	3.1	48.4%	56.6%	73.2%	82.3%
1993	439	400	91.1%	2.3	59.9%	65.8%	77.4%	85.9%
1994	409	380	92.9%	2.1	66.7%	71.6%	78.5%	87.5%
1995	420	377	89.8%	2.0	65.5%	70.7%	75.5%	85.0%
1996	404	344	85.1%	2.1	62.9%	64.6%	71.8%	80.2%
1997	414	344	83.1%	2.2	60.6%	64.3%	70.5%	78.0%
1998	399	332	83.2%	2.4	57.9%	62.2%	69.4%	76.9%
1999	442	352	79.6%	1.8	60.4%	64.3%	68.8%	74.7%
2000	442	344	77.8%	2.4	55.4%	58.8%	64.7%	71.9%
2001	429	323	75.3%	2.3	52.9%	55.5%	63.2%	69.0%
2002	460	354	77.0%	1.6	61.1%	64.8%	68.9%	72.8%
2003	534	391	73.2%	1.8	55.2%	57.5%	62.7%	69.1%
2004	584	408	69.9%	2.0	51.5%	54.1%	58.6%	66.3%
2005	590	364	61.7%	1.6	47.6%	50.0%	54.4%	59.2%
2006	641	372	58.0%	2.0	40.7%	43.5%	49.3%	54.4%
2007	779	421	54.0%	2.1	36.7%	39.0%	44.7%	50.6%
2008	708	384	54.2%	2.0	36.9%	40.0%	47.2%	51.3%
2009	630	309	49.0%	2.2	32.9%	35.1%	40.2%	47.0%
2010	646	289	44.7%	1.7	31.0%	33.7%	38.1%	42.9%
2011	568	267	47.0%	1.8	32.7%	35.7%	39.4%	45.4%
2012	529	232	43.9%	1.4	32.5%	35.2%	39.3%	43.5%
2013	578	243	42.0%	1.3	32.5%	34.4%	37.4%	--
2014	545	205	37.6%	1.4	26.2%	28.4%	33.4%	--
2015	545	165	30.3%	0.9	24.4%	25.9%	28.4%	--
2016	478	149	31.2%	0.8	25.1%	26.8%	29.9%	--
2017	496	172	34.7%	0.5	30.8%	32.3%	33.9%	--
2018	450	132	29.3%	0.4	26.2%	28.0%	--	--
2019	424	118	27.8%	0.2	26.2%	27.4%	--	--
2020	299	89	29.8%	0.2	28.8%	29.4%	--	--
2021	331	98	29.6%	0.1	28.7%	--	--	--
Total	18,060	11,592	64.2%	2.3	43.3%	46.4%	53.4%	60.4%

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

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



AIDS Diagnoses among People Aged 13+

Year of AIDS Diagnosis	No.	Reported Deaths Among AIDS Diagnoses			Percent Alive by Years After AIDS Diagnosis			
		No.	% Deceased	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	53	53	100.0%	0.9	34.0%	5.7%	1.9%	0.0%
1985	86	84	97.7%	1.4	39.5%	15.1%	11.6%	3.5%
1986	114	107	93.9%	1.9	51.8%	32.5%	12.3%	8.8%
1987	188	184	97.9%	2.1	51.6%	29.3%	10.6%	6.4%
1988	207	197	95.2%	2.0	62.8%	37.2%	14.0%	7.2%
1989	269	250	92.9%	3.3	68.8%	51.3%	22.3%	13.8%
1990	292	273	93.5%	3.0	64.7%	48.3%	21.2%	13.4%
1991	366	330	90.2%	3.0	68.0%	52.5%	19.7%	15.0%
1992	439	381	86.8%	3.4	74.0%	53.3%	26.2%	21.0%
1993	468	396	84.6%	3.9	73.1%	57.7%	33.8%	25.9%
1994	505	400	79.2%	4.2	75.8%	55.8%	40.8%	30.7%
1995	480	341	71.0%	5.7	75.6%	66.0%	55.6%	44.0%
1996	412	285	69.2%	6.0	80.1%	74.3%	63.1%	46.8%
1997	360	218	60.6%	6.1	81.7%	76.1%	64.4%	53.9%
1998	318	187	58.8%	6.4	85.5%	81.4%	70.4%	55.0%
1999	334	180	53.9%	6.1	84.4%	78.4%	69.8%	58.4%
2000	338	171	50.6%	7.5	92.0%	89.6%	79.0%	64.5%
2001	338	148	43.8%	6.3	87.6%	84.0%	76.6%	68.0%
2002	355	148	41.7%	5.9	89.6%	86.5%	76.6%	69.0%
2003	387	156	40.3%	5.8	89.1%	84.2%	77.3%	70.3%
2004	400	146	36.5%	6.2	90.3%	87.0%	81.0%	74.3%
2005	412	142	34.5%	6.1	90.8%	88.6%	81.3%	75.0%
2006	383	96	25.1%	5.1	93.2%	90.9%	86.2%	78.9%
2007	376	101	26.9%	5.0	91.8%	88.8%	84.8%	78.2%
2008	342	86	25.1%	4.0	90.4%	87.4%	83.3%	78.9%
2009	312	82	26.3%	4.3	90.4%	88.8%	83.7%	77.9%
2010	352	84	23.9%	4.2	92.9%	90.3%	85.2%	79.5%
2011	277	51	18.4%	3.0	94.2%	91.0%	85.6%	81.9%
2012	310	51	16.5%	3.3	92.9%	91.3%	89.0%	83.9%
2013	331	60	18.1%	3.0	93.1%	90.9%	87.3%	--
2014	264	37	14.0%	2.9	95.8%	93.6%	89.4%	--
2015	237	32	13.5%	2.2	93.2%	92.0%	89.0%	--
2016	235	40	17.0%	1.4	89.8%	87.2%	83.8%	--
2017	252	26	10.3%	1.6	94.4%	92.5%	90.1%	--
2018	213	28	13.1%	1.5	93.4%	92.0%	--	--
2019	200	26	13.0%	0.8	90.0%	88.5%	--	--
2020	171	29	17.0%	0.4	86.0%	83.0%	--	--
2021*	183	19	10.4%	0.4	90.7%	--	--	--
Total	11,559	5,625	48.7%	4.3	83.5%	76.0%	65.3%	58.3%

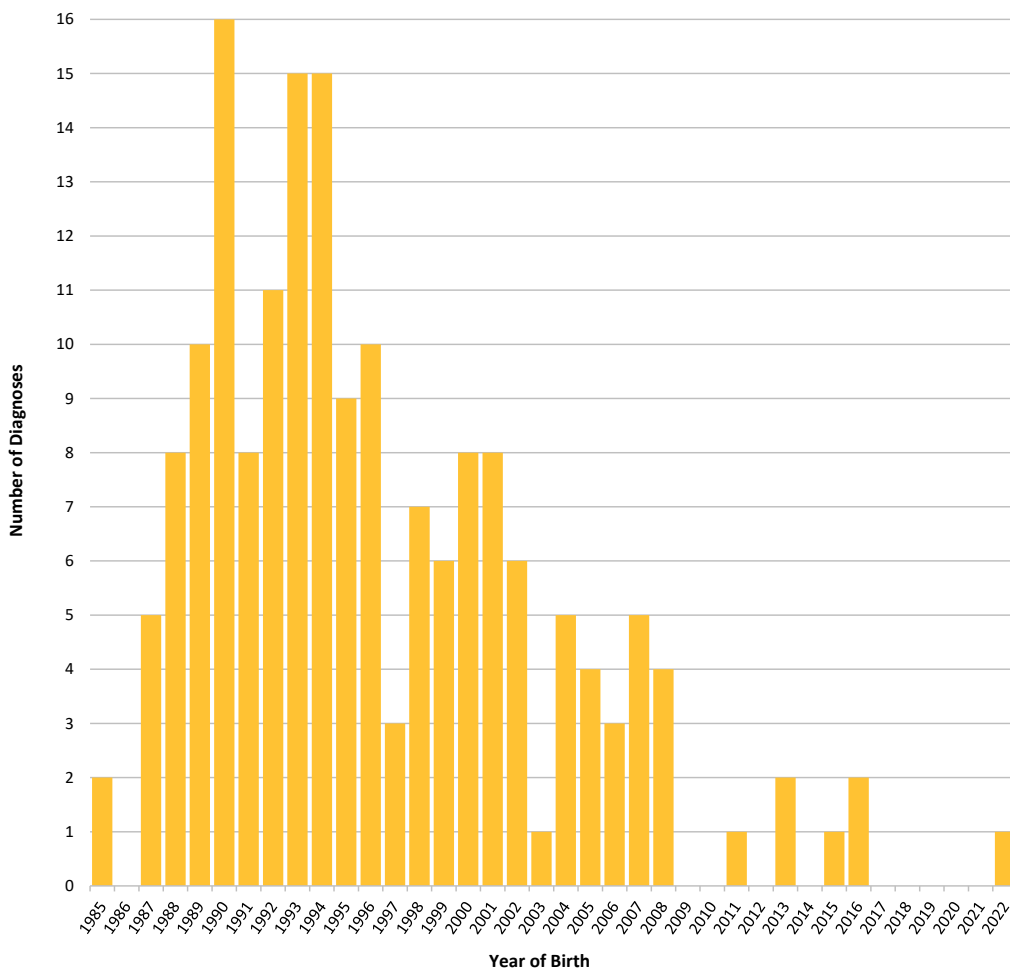
*2021 deaths among AIDS diagnoses are preliminary.

Section IX – Pediatrics

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

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

Pediatric Reported HIV Diagnoses



Year	Number of Pediatric HIV Diagnoses				Total Pediatric Diagnoses Alive on December 31st of Each Year
	By Birth Year	By HIV Diagnosis Year	By AIDS Diagnosis Year	By Death Year	
<1985	20	3	2	0	--
1985	2	4	2	1	6
1986	0	5	0	0	11
1987	5	5	3	0	17
1988	8	2	3	2	18
1989	10	8	5	2	24
1990	16	12	5	4	32
1991	8	12	7	2	41
1992	11	10	6	2	48
1993	15	8	10	4	50
1994	15	7	4	2	56
1995	9	9	8	5	60
1996	10	13	11	2	68
1997	3	6	5	1	73
1998	7	5	1	3	75
1999	6	10	6	0	84
2000	8	5	3	1	88
2001	8	5	2	2	91
2002	6	10	2	0	101
2003	1	4	1	4	101
2004	5	5	2	2	104
2005	4	7	3	1	110
2006	3	10	3	1	119
2007	5	9	3	1	128
2008	4	5	1	0	135
2009	0	3	3	0	138
2010	0	1	1	1	139
2011	1	1	1	0	141
2012	0	1	0	0	144
2013	2	2	1	0	146
2014	0	2	0	0	148
2015	1	0	6	0	148
2016	2	3	2	1	152
2017	0	1	1	0	155
2018	0	1	4	1	155
2019	0	0	2	1	157
2020	0	0	2	1	156
2021	0	1	0	0	158
2022	1	1	1	1	158
Total	196	196	122	48	--

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

Jurisdiction of Current Residence	Total People Aged <13 Living with Diagnosed HIV	
	No.	% of Total
Montgomery	4	66.7%
Prince George’s	2	33.3%
Total	6	100.0%

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

Demographic Characteristic	Total People Aged <13 Living with Diagnosed HIV	
	No.	% of Total
Assigned Sex at Birth		
Female	3	50.0%
Male	3	50.0%
Race/Ethnicity		
Hispanic	0	0.0%
Non-Hispanic	6	100.0%
American Indian/Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	5	83.3%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	1	16.7%
Multiracial/Another Race	0	0.0%
Total	6	100.0%

Glossary of Terms

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

People Aged 13+ Living with Diagnosed HIV: Reported HIV diagnoses, age 13 years or older as of December 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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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