

2022

BALTIMORE METROPOLITAN REGION ANNUAL HIV EPIDEMIOLOGICAL PROFILE

Data reported through
June 30, 2023

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

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



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

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Section I – Summary of Analyses and Technical Notes

Highlights of Analyses

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

HIV Diagnoses

During 2022, there were 305 reported HIV diagnoses in the Baltimore Metropolitan Region. The Baltimore Metropolitan Region includes Anne Arundel County, Baltimore City, Baltimore County, Carroll County, Harford County, Howard County, and Queen Anne’s County. Data presented below describe HIV diagnoses in the Baltimore Metropolitan Region, among people ages 13 years and older, during 2022.

- **Geographic distribution:** Baltimore City accounted for the highest number (158, 51.8%) and highest rate (32.6) of HIV diagnoses.
- **Age:** People aged 30-39 years accounted for the highest number (120, 39.3%) of HIV diagnoses and the highest rate (29.4).
- **Sex at Birth:** Males accounted for the highest number (236, 77.4%) of HIV diagnoses. The rate among males was 20.6 and 5.5 among females.
- **Race/Ethnicity:** Non-Hispanic Black people accounted for the highest number (217, 71.7%) and the highest rate (30.8).
- **Exposure Category:** Male-to-male sexual contact accounted for the highest number (181, 59.4%) of diagnoses.

People Living with Diagnosed HIV

At the end of 2022, there were 16,706 people living with diagnosed HIV in the Baltimore Metropolitan Region. Data presented below describe people living with diagnosed HIV, aged 13 years and older, in the Baltimore Metropolitan Region.

- **Geographic distribution:** Baltimore City accounted for the highest number (9,971, 59.7%) of people living with diagnosed HIV and the highest rate (2,054.3).
- **Age:** People aged 50+ years accounted for the highest number (9,605, 57.5%) of people living with diagnosed HIV. People aged 50-59 accounted for the highest rate (1,217.7).
- **Sex at Birth:** Males accounted for the highest number (11,013, 65.9%) of people living with diagnosed HIV. The rate among males was 959.0 and 455.1 among females.
- **Race/Ethnicity:** Non-Hispanic Black people accounted for the highest number (12,614, 75.5%) of the people living with diagnosed HIV. People who identify as multiracial or another race accounted for the highest rate (1,903.6).
- **Exposure Category:** Male-to-male sexual contact accounted for the highest number (6,344, 38.0%) of the total people living with diagnosed HIV.

Engagement in HIV Care

- **HIV diagnosed:** Among people living with HIV in the Baltimore Metropolitan Region, it is estimated that 91.8 percent have been diagnosed and an estimated 1,492 people with HIV remain undiagnosed.
- **Linked to care:** During 2022, 84.9 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, 75.7 percent were retained in care during 2022.
- **Viral suppression:** In 2022, 62.2 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.

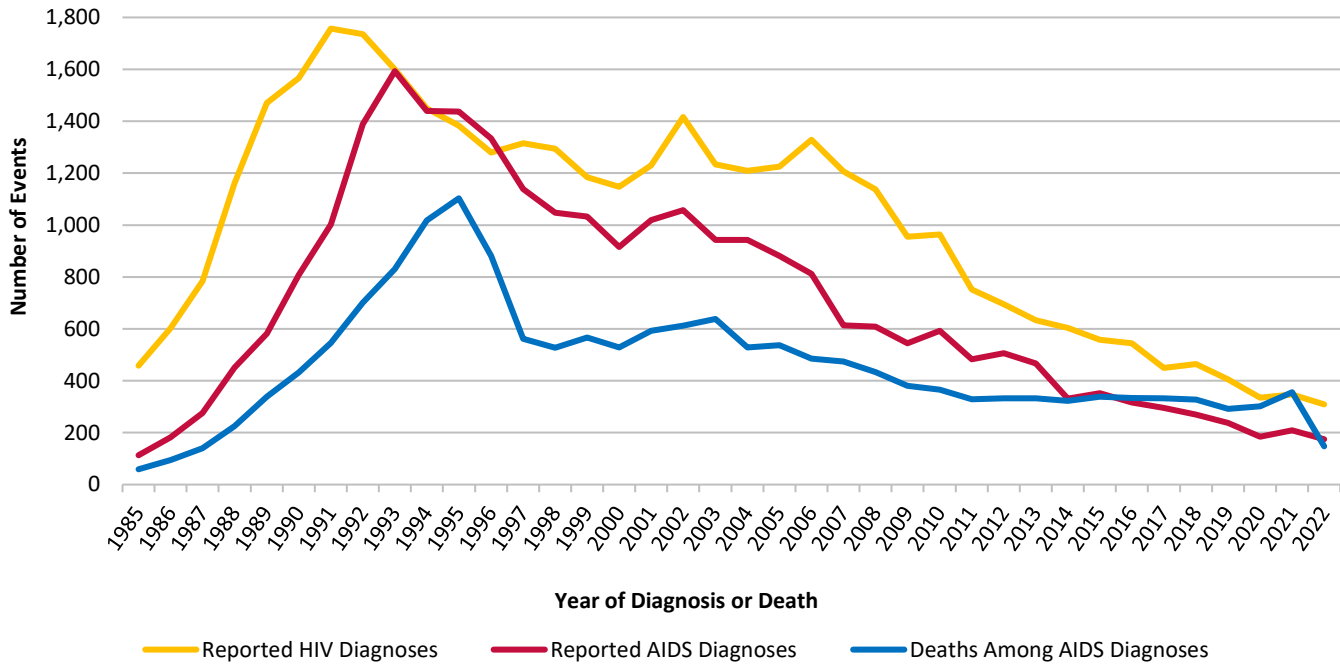
Multiple Imputation

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

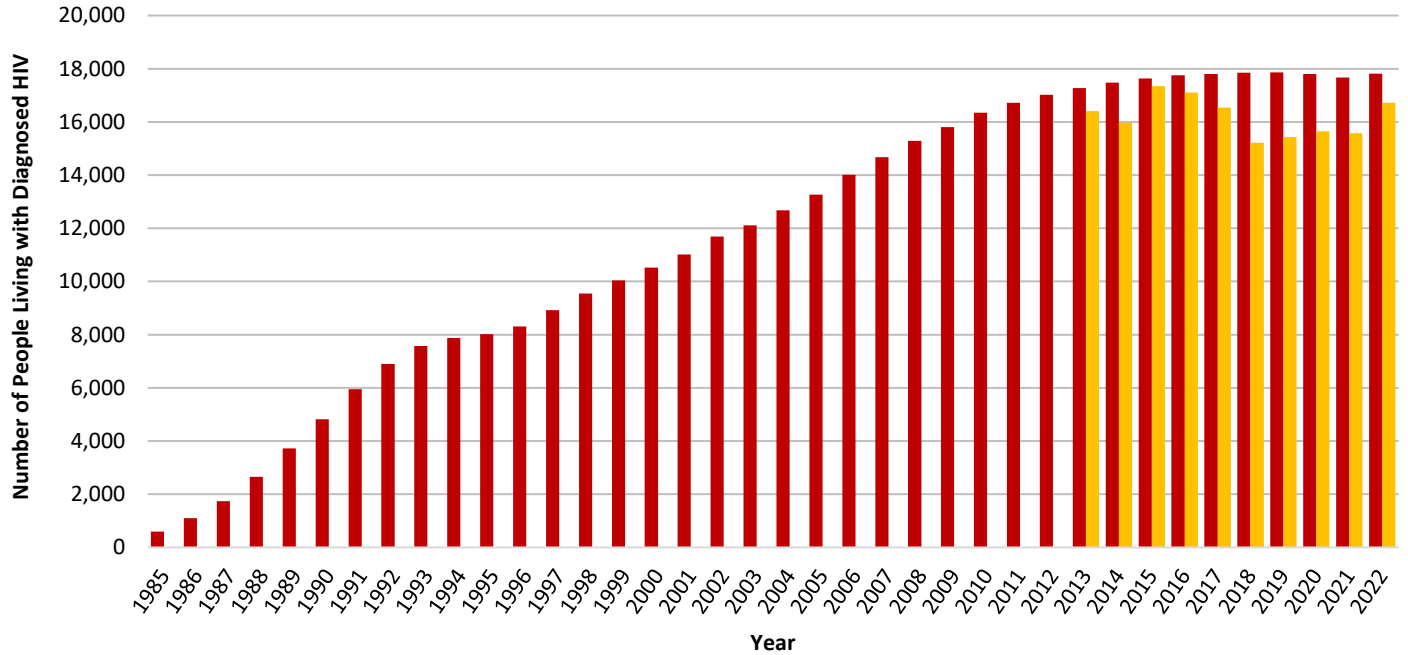


Year of Diagnosis or Death	HIV Diagnoses	AIDS Diagnoses	Deaths Among AIDS Diagnoses	Year of Diagnosis or Death	HIV Diagnoses	AIDS Diagnoses	Deaths Among AIDS Diagnoses
<1985	241	78	35	2004	1,209	943	529
1985	458	113	59	2005	1,225	881	537
1986	603	182	94	2006	1,329	812	485
1987	784	276	140	2007	1,207	614	474
1988	1,161	451	225	2008	1,138	609	433
1989	1,471	582	338	2009	955	545	380
1990	1,566	808	432	2010	964	592	366
1991	1,757	1,002	546	2011	751	483	329
1992	1,736	1,389	701	2012	695	506	333
1993	1,600	1,593	830	2013	633	467	332
1994	1,449	1,439	1,018	2014	604	331	322
1995	1,383	1,437	1,103	2015	558	352	338
1996	1,279	1,333	881	2016	544	316	334
1997	1,315	1,139	562	2017	450	295	332
1998	1,294	1,047	527	2018	464	270	328
1999	1,185	1,033	567	2019	405	238	292
2000	1,148	915	529	2020	335	185	301
2001	1,230	1,019	593	2021*	347	209	356
2002	1,416	1,058	612	2022*	309	175	147
2003	1,234	943	638	Total	38,432	26,660	17,378

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



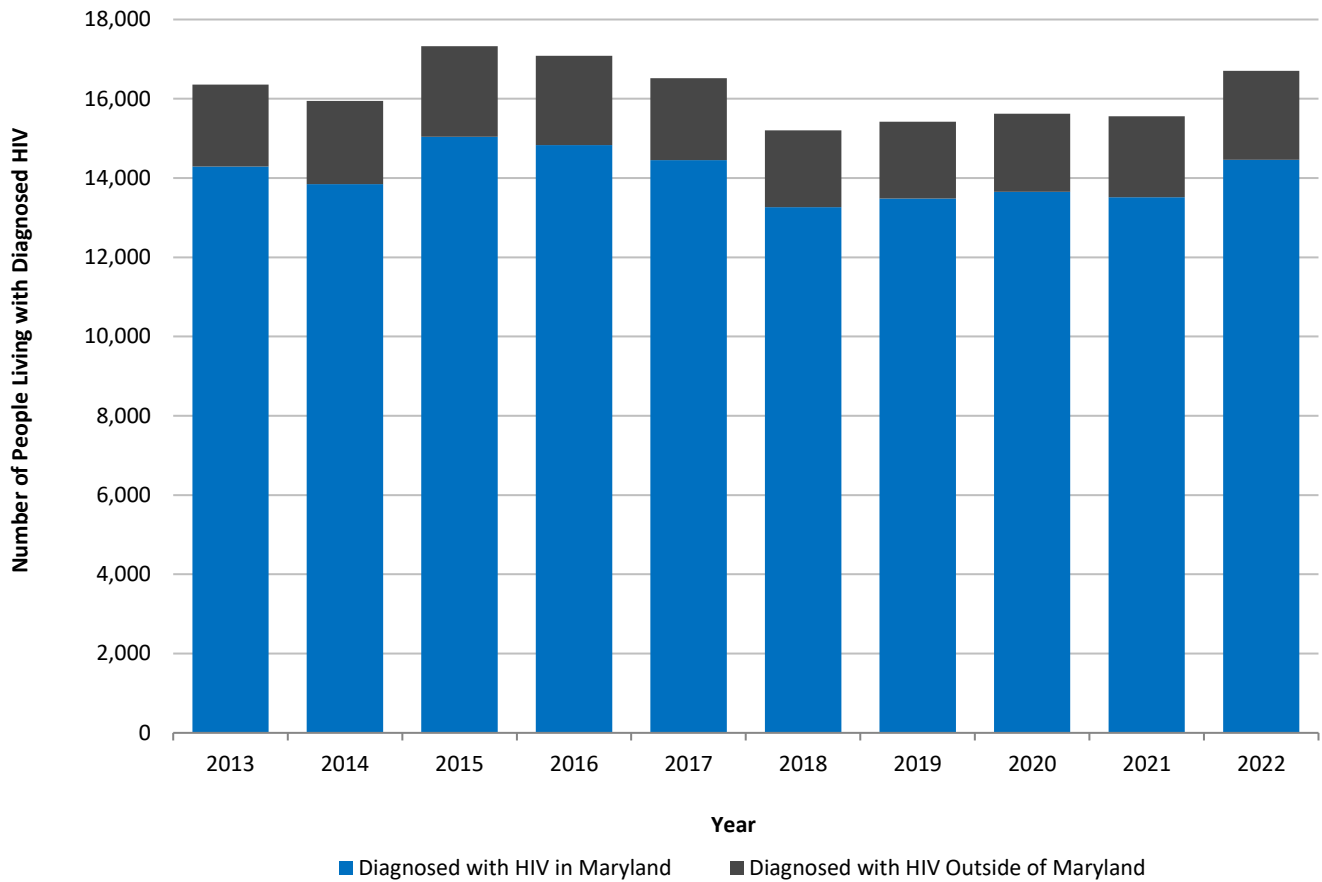
■ Diagnosed with HIV or AIDS in the Baltimore Metropolitan Region ■ Currently Living with Diagnosed HIV in the Baltimore Metropolitan Region

People Living with Diagnosed HIV			People Living with Diagnosed HIV		
Year	Diagnosed with HIV or AIDS in the Baltimore Metropolitan Region	Current Residents	Year	Diagnosed with HIV or AIDS in the Baltimore Metropolitan Region	Current Residents
1985	597	--	2004	12,675	--
1986	1,099	--	2005	13,260	--
1987	1,737	--	2006	14,016	--
1988	2,653	--	2007	14,668	--
1989	3,729	--	2008	15,289	--
1990	4,823	--	2009	15,806	--
1991	5,953	--	2010	16,347	--
1992	6,906	--	2011	16,715	--
1993	7,573	--	2012	17,017	--
1994	7,873	--	2013	17,268	16,402
1995	8,024	--	2014	17,471	15,978
1996	8,311	--	2015	17,639	17,349
1997	8,926	--	2016	17,753	17,106
1998	9,547	--	2017	17,804	16,542
1999	10,043	--	2018	17,848	15,217
2000	10,522	--	2019	17,865	15,433
2001	11,020	--	2020	17,798	15,642
2002	11,683	--	2021	17,674	15,572
2003	12,113	--	2022	17,810	16,722

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 Baltimore Metropolitan Region and Not Reported to have Died as of December 31st of Each Year from 2013 through 2022, as Reported through June 30, 2023

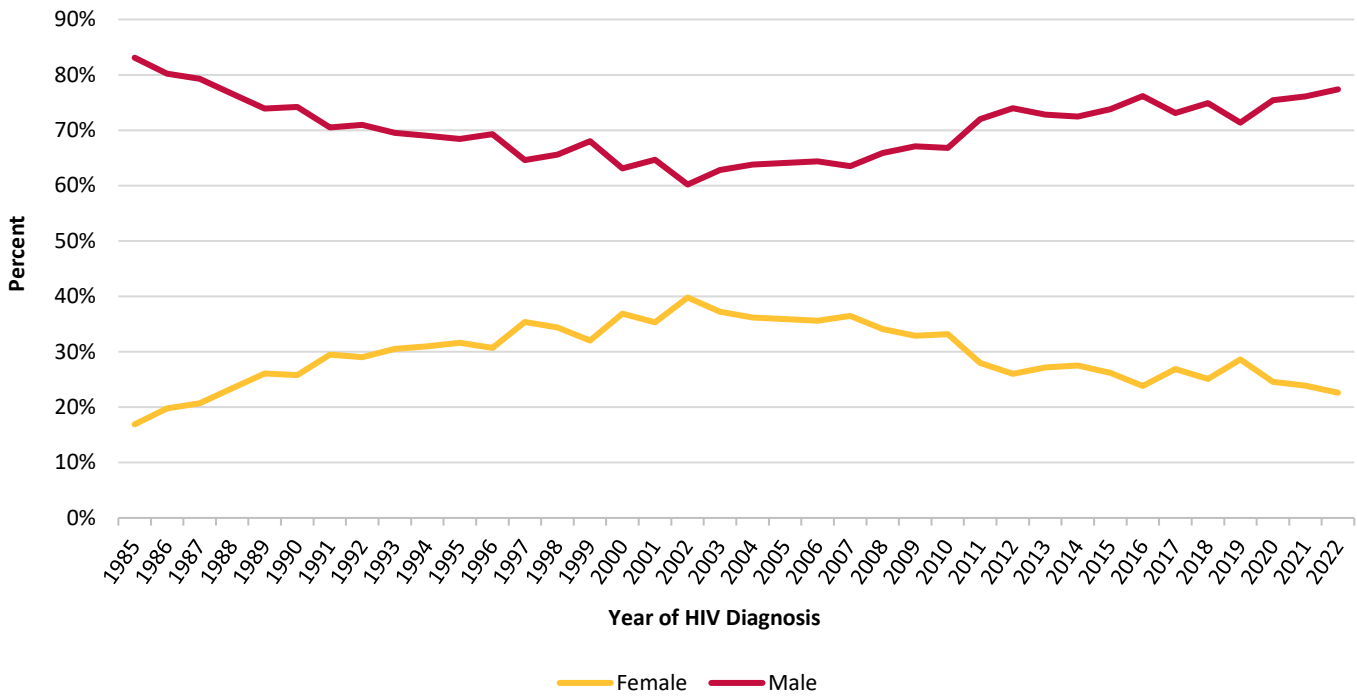


Year	Population Aged 13+	Baltimore Metropolitan Region Residents Aged 13+ as of December 31st of the Specified Year			
		Diagnosed with HIV in Maryland	Diagnosed with HIV Outside of Maryland	Total	Rate
2013	2,324,975	14,287	2,069	16,356	703.5
2014	2,337,168	13,843	2,104	15,947	682.3
2015	2,347,637	15,042	2,281	17,323	737.9
2016	2,352,490	14,833	2,248	17,081	726.1
2017	2,357,861	14,456	2,060	16,516	700.5
2018	2,361,800	13,262	1,937	15,199	643.5
2019	2,363,892	13,482	1,938	15,420	652.3
2020	2,398,337	13,650	1,976	15,626	651.5
2021	2,403,235	13,518	2,040	15,558	647.4
2022	2,399,260	14,462	2,244	16,706	696.3

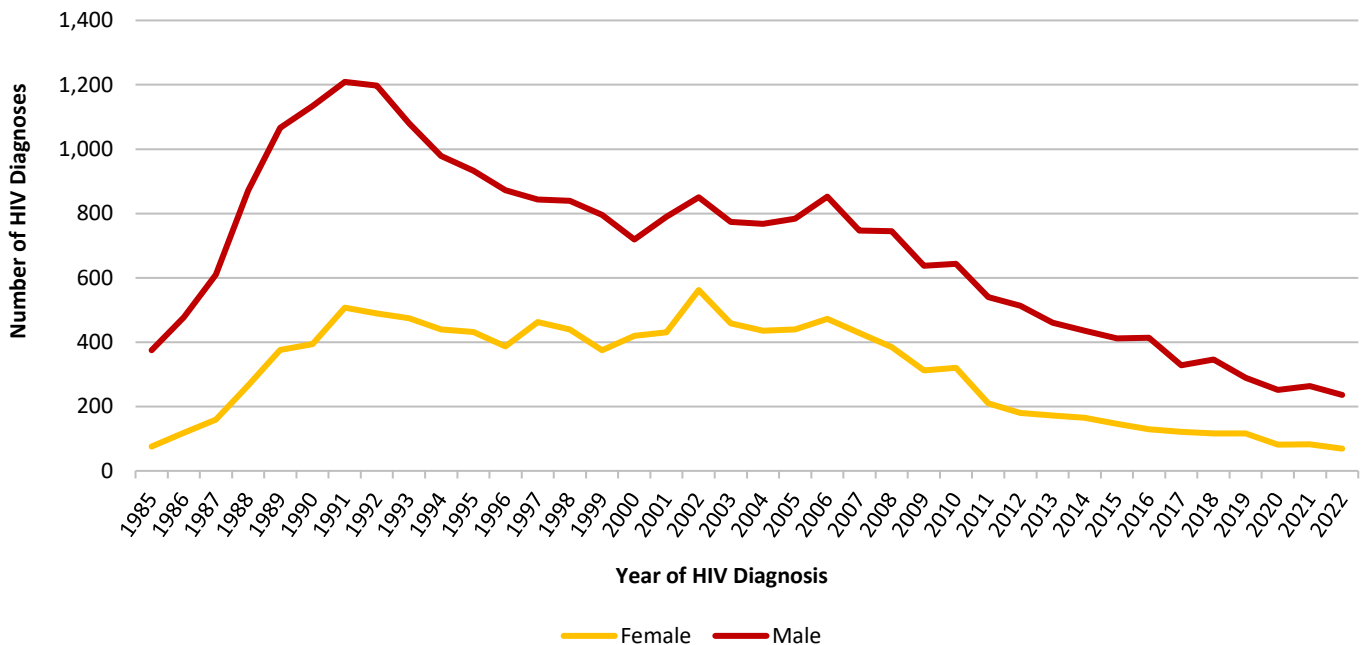
Figure 4 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Assigned Sex at Birth, 1985-2022, Reported through June 30, 2023

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+ by Assigned Sex at Birth, 1985-2022, Reported through June 30, 2023



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



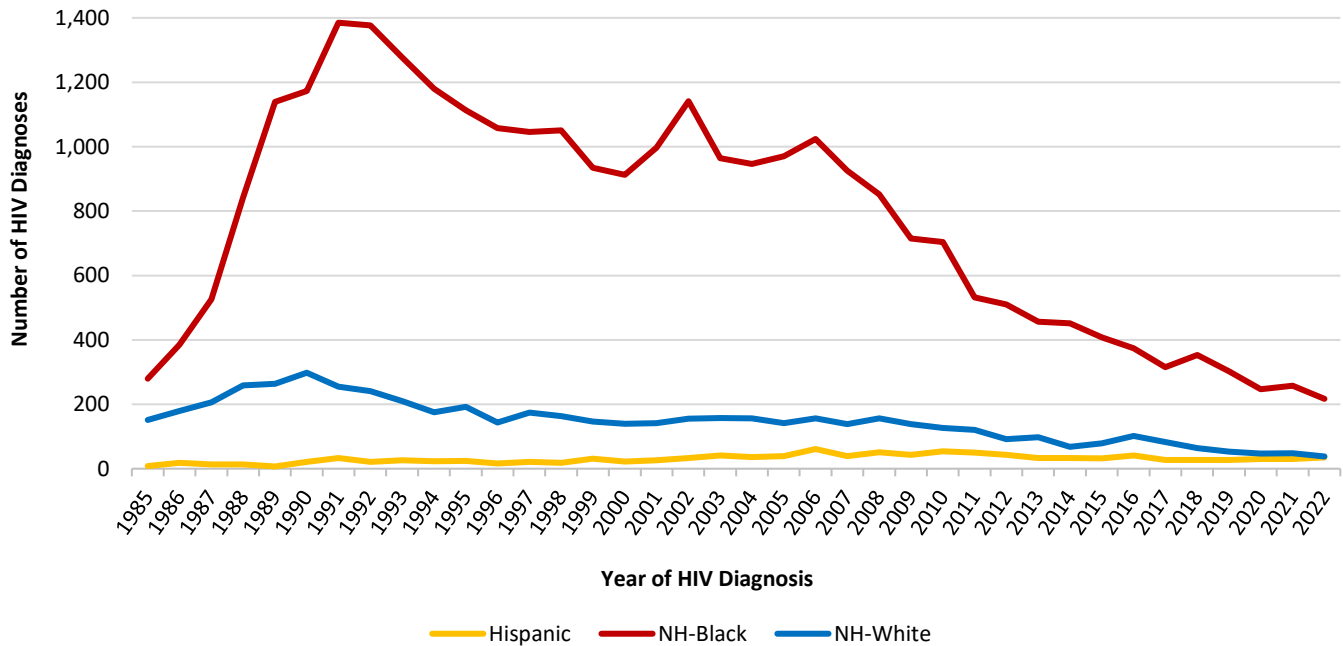
HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	Number	Assigned Sex at Birth			
		Female		Male	
		Number	Percent	Number	Percent
<1985	239	31	13.0%	208	87.0%
1985	451	76	16.9%	375	83.1%
1986	595	118	19.8%	477	80.2%
1987	769	159	20.7%	610	79.3%
1988	1,137	266	23.4%	871	76.6%
1989	1,442	376	26.1%	1,066	73.9%
1990	1,528	394	25.8%	1,134	74.2%
1991	1,716	507	29.5%	1,209	70.5%
1992	1,686	489	29.0%	1,197	71.0%
1993	1,554	474	30.5%	1,080	69.5%
1994	1,419	440	31.0%	979	69.0%
1995	1,365	432	31.6%	933	68.4%
1996	1,259	387	30.7%	872	69.3%
1997	1,305	462	35.4%	843	64.6%
1998	1,279	440	34.4%	839	65.6%
1999	1,171	375	32.0%	796	68.0%
2000	1,139	420	36.9%	719	63.1%
2001	1,221	431	35.3%	790	64.7%
2002	1,412	562	39.8%	850	60.2%
2003	1,232	458	37.2%	774	62.8%
2004	1,204	436	36.2%	768	63.8%
2005	1,224	440	35.9%	784	64.1%
2006	1,324	472	35.6%	852	64.4%
2007	1,176	429	36.5%	747	63.5%
2008	1,130	385	34.1%	745	65.9%
2009	949	312	32.9%	637	67.1%
2010	963	320	33.2%	643	66.8%
2011	750	210	28.0%	540	72.0%
2012	693	180	26.0%	513	74.0%
2013	632	172	27.2%	460	72.8%
2014	601	165	27.5%	436	72.5%
2015	558	146	26.2%	412	73.8%
2016	543	129	23.8%	414	76.2%
2017	449	121	26.9%	328	73.1%
2018	462	116	25.1%	346	74.9%
2019	405	116	28.6%	289	71.4%
2020	334	82	24.6%	252	75.4%
2021	347	83	23.9%	264	76.1%
2022	305	69	22.6%	236	77.4%
Total	37,968	11,680	30.8%	26,288	69.2%

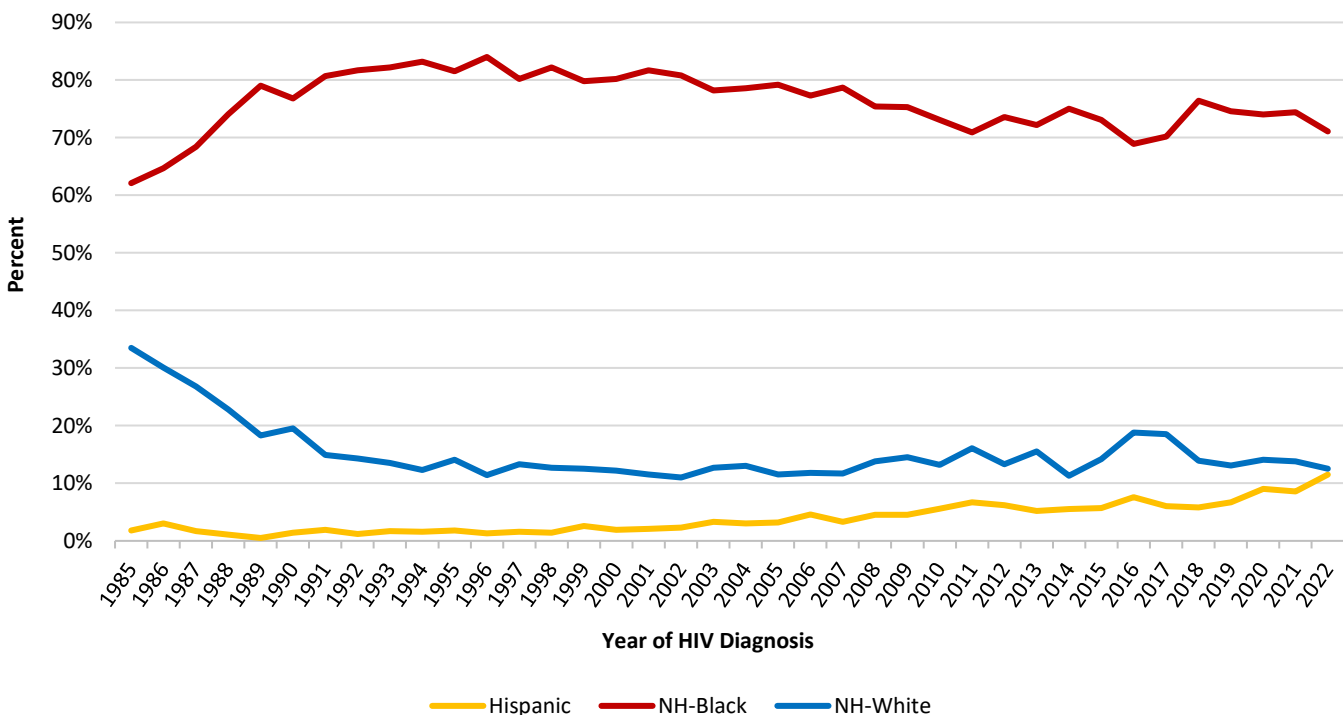
Figure 5 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Race/Ethnicity, 1985-2022, Reported through June 30, 2023

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

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



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



NH: Non-Hispanic

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

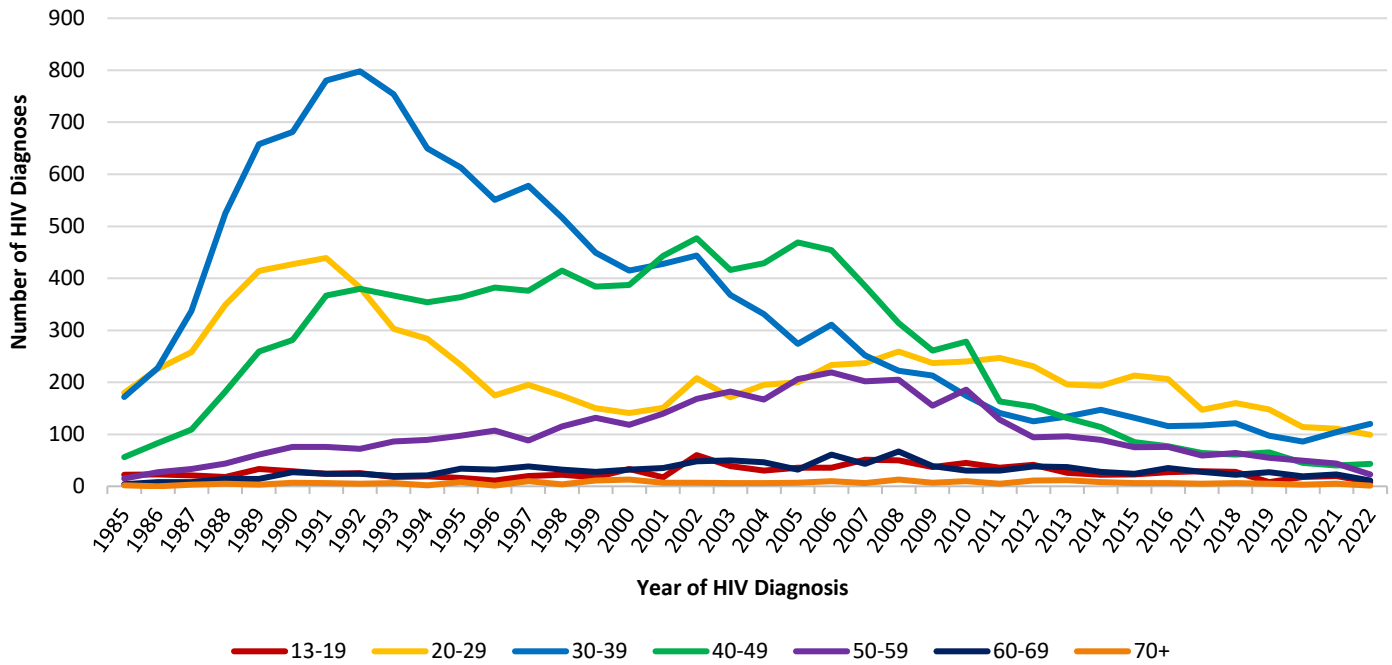
HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	No.	Race/Ethnicity							
		Hispanic		Non-Hispanic Black, only		Non-Hispanic White, only		Non-Hispanic Another Race	
		No.	%	No.	%	No.	%	No.	%
<1985	239	7	2.9%	131	54.8%	94	39.3%	7	2.9%
1985	451	8	1.8%	280	62.1%	151	33.5%	12	2.7%
1986	595	18	3.0%	385	64.7%	179	30.1%	13	2.2%
1987	769	13	1.7%	526	68.4%	206	26.8%	24	3.1%
1988	1,137	13	1.1%	842	74.1%	259	22.8%	23	2.0%
1989	1,442	7	0.5%	1,139	79.0%	264	18.3%	32	2.2%
1990	1,528	21	1.4%	1,173	76.8%	298	19.5%	36	2.4%
1991	1,716	33	1.9%	1,385	80.7%	255	14.9%	43	2.5%
1992	1,686	21	1.2%	1,377	81.7%	241	14.3%	47	2.8%
1993	1,554	26	1.7%	1,277	82.2%	210	13.5%	41	2.6%
1994	1,419	23	1.6%	1,180	83.2%	175	12.3%	41	2.9%
1995	1,365	24	1.8%	1,113	81.5%	192	14.1%	36	2.6%
1996	1,259	16	1.3%	1,058	84.0%	143	11.4%	42	3.3%
1997	1,305	21	1.6%	1,046	80.2%	174	13.3%	64	4.9%
1998	1,279	18	1.4%	1,051	82.2%	163	12.7%	47	3.7%
1999	1,171	31	2.6%	934	79.8%	146	12.5%	60	5.1%
2000	1,139	22	1.9%	913	80.2%	139	12.2%	65	5.7%
2001	1,221	26	2.1%	997	81.7%	141	11.5%	57	4.7%
2002	1,412	33	2.3%	1,141	80.8%	155	11.0%	83	5.9%
2003	1,232	41	3.3%	964	78.2%	157	12.7%	70	5.7%
2004	1,204	36	3.0%	946	78.6%	156	13.0%	66	5.5%
2005	1,224	39	3.2%	970	79.2%	141	11.5%	74	6.0%
2006	1,324	61	4.6%	1,024	77.3%	156	11.8%	83	6.3%
2007	1,176	39	3.3%	925	78.7%	138	11.7%	74	6.3%
2008	1,130	51	4.5%	852	75.4%	156	13.8%	71	6.3%
2009	949	43	4.5%	715	75.3%	138	14.5%	53	5.6%
2010	963	54	5.6%	704	73.1%	127	13.2%	78	8.1%
2011	750	50	6.7%	532	70.9%	121	16.1%	47	6.3%
2012	693	43	6.2%	510	73.6%	92	13.3%	48	6.9%
2013	632	33	5.2%	456	72.2%	98	15.5%	45	7.1%
2014	601	33	5.5%	451	75.0%	68	11.3%	49	8.2%
2015	558	32	5.7%	408	73.1%	79	14.2%	39	7.0%
2016	543	41	7.6%	374	68.9%	102	18.8%	26	4.8%
2017	449	27	6.0%	315	70.2%	83	18.5%	24	5.3%
2018	462	27	5.8%	353	76.4%	64	13.9%	18	3.9%
2019	405	27	6.7%	302	74.6%	53	13.1%	23	5.7%
2020	334	30	9.0%	247	74.0%	47	14.1%	10	3.0%
2021	347	30	8.6%	258	74.4%	48	13.8%	11	3.2%
2022	305	35	11.5%	217	71.1%	38	12.5%	15	4.9%
Total	37,968	1,153	3.0%	29,471	77.6%	5,647	14.9%	1,697	4.5%

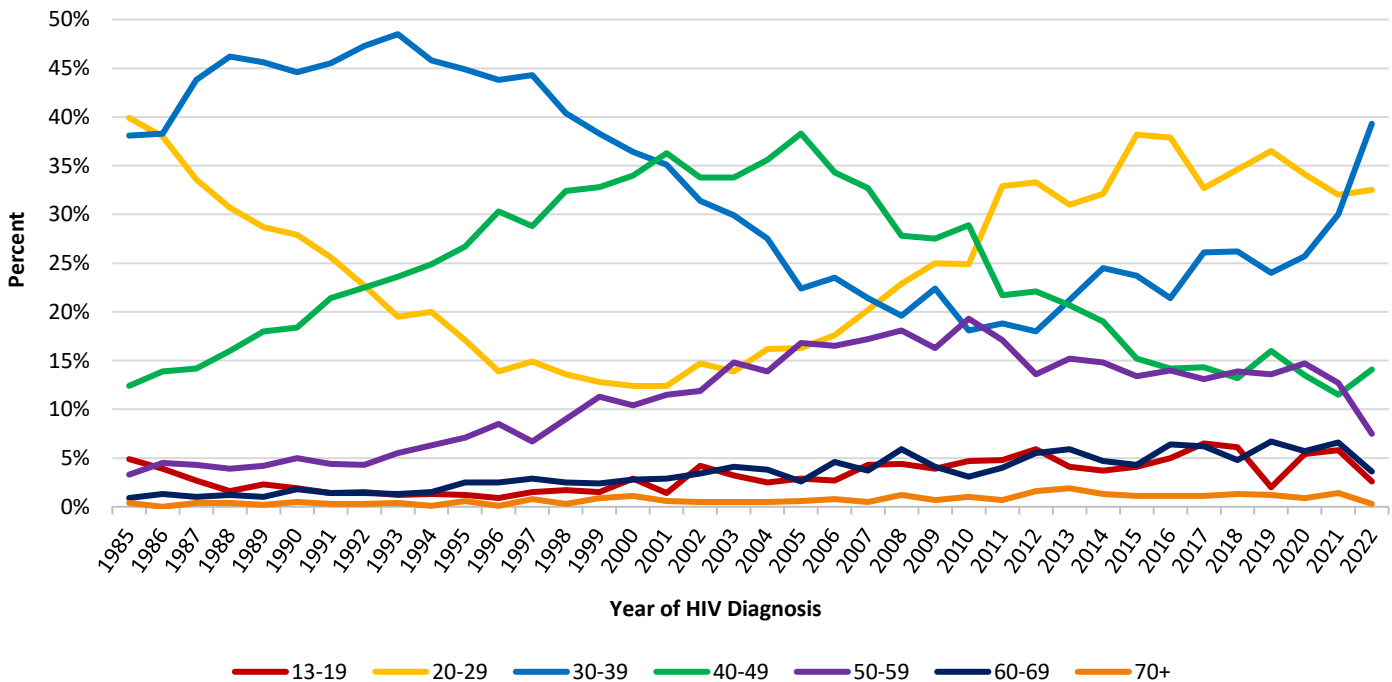
Figure 6 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Age at HIV Diagnosis, 1985-2022, Reported through June 30, 2023

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

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



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



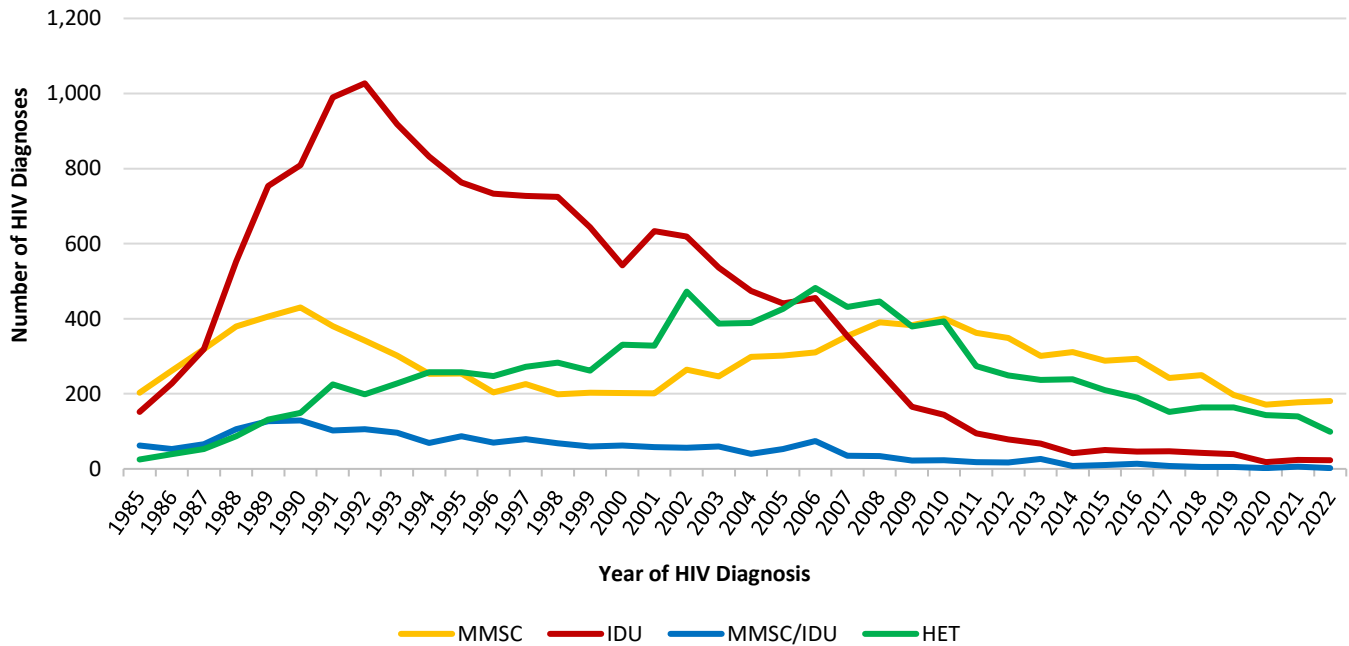
HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	No.	Age at HIV Diagnosis													
		13-19		20-29		30-39		40-49		50-59		60-69		70+	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<1985	239	18	7.5%	103	43.1%	71	29.7%	32	13.4%	14	5.9%	1	0.4%	0	0.0%
1985	451	22	4.9%	180	39.9%	172	38.1%	56	12.4%	15	3.3%	4	0.9%	2	0.4%
1986	595	23	3.9%	226	38.0%	228	38.3%	83	13.9%	27	4.5%	8	1.3%	0	0.0%
1987	769	21	2.7%	258	33.6%	337	43.8%	109	14.2%	33	4.3%	8	1.0%	3	0.4%
1988	1,137	18	1.6%	349	30.7%	525	46.2%	182	16.0%	44	3.9%	14	1.2%	5	0.4%
1989	1,442	33	2.3%	414	28.7%	658	45.6%	259	18.0%	61	4.2%	14	1.0%	3	0.2%
1990	1,528	29	1.9%	427	27.9%	681	44.6%	281	18.4%	76	5.0%	27	1.8%	7	0.5%
1991	1,716	24	1.4%	439	25.6%	780	45.5%	367	21.4%	76	4.4%	24	1.4%	6	0.3%
1992	1,686	25	1.5%	382	22.7%	798	47.3%	380	22.5%	72	4.3%	24	1.4%	5	0.3%
1993	1,554	18	1.2%	303	19.5%	754	48.5%	367	23.6%	86	5.5%	20	1.3%	6	0.4%
1994	1,419	19	1.3%	284	20.0%	650	45.8%	354	24.9%	89	6.3%	21	1.5%	2	0.1%
1995	1,365	16	1.2%	233	17.1%	613	44.9%	364	26.7%	97	7.1%	34	2.5%	8	0.6%
1996	1,259	11	0.9%	175	13.9%	551	43.8%	382	30.3%	107	8.5%	32	2.5%	1	0.1%
1997	1,305	20	1.5%	195	14.9%	578	44.3%	376	28.8%	88	6.7%	38	2.9%	10	0.8%
1998	1,279	22	1.7%	174	13.6%	517	40.4%	415	32.4%	115	9.0%	32	2.5%	4	0.3%
1999	1,171	17	1.5%	150	12.8%	449	38.3%	384	32.8%	132	11.3%	28	2.4%	11	0.9%
2000	1,139	33	2.9%	141	12.4%	415	36.4%	387	34.0%	118	10.4%	32	2.8%	13	1.1%
2001	1,221	17	1.4%	151	12.4%	428	35.1%	443	36.3%	140	11.5%	35	2.9%	7	0.6%
2002	1,412	60	4.2%	208	14.7%	444	31.4%	477	33.8%	168	11.9%	48	3.4%	7	0.5%
2003	1,232	39	3.2%	171	13.9%	368	29.9%	416	33.8%	182	14.8%	50	4.1%	6	0.5%
2004	1,204	30	2.5%	195	16.2%	331	27.5%	429	35.6%	167	13.9%	46	3.8%	6	0.5%
2005	1,224	36	2.9%	200	16.3%	274	22.4%	469	38.3%	206	16.8%	32	2.6%	7	0.6%
2006	1,324	36	2.7%	233	17.6%	311	23.5%	454	34.3%	219	16.5%	61	4.6%	10	0.8%
2007	1,176	51	4.3%	237	20.2%	252	21.4%	385	32.7%	202	17.2%	43	3.7%	6	0.5%
2008	1,130	50	4.4%	259	22.9%	222	19.6%	314	27.8%	205	18.1%	67	5.9%	13	1.2%
2009	949	37	3.9%	237	25.0%	213	22.4%	261	27.5%	155	16.3%	39	4.1%	7	0.7%
2010	963	45	4.7%	240	24.9%	174	18.1%	278	28.9%	186	19.3%	30	3.1%	10	1.0%
2011	750	36	4.8%	247	32.9%	141	18.8%	163	21.7%	128	17.1%	30	4.0%	5	0.7%
2012	693	41	5.9%	231	33.3%	125	18.0%	153	22.1%	94	13.6%	38	5.5%	11	1.6%
2013	632	26	4.1%	196	31.0%	134	21.2%	131	20.7%	96	15.2%	37	5.9%	12	1.9%
2014	601	22	3.7%	193	32.1%	147	24.5%	114	19.0%	89	14.8%	28	4.7%	8	1.3%
2015	558	23	4.1%	213	38.2%	132	23.7%	85	15.2%	75	13.4%	24	4.3%	6	1.1%
2016	543	27	5.0%	206	37.9%	116	21.4%	77	14.2%	76	14.0%	35	6.4%	6	1.1%
2017	449	29	6.5%	147	32.7%	117	26.1%	64	14.3%	59	13.1%	28	6.2%	5	1.1%
2018	462	28	6.1%	160	34.6%	121	26.2%	61	13.2%	64	13.9%	22	4.8%	6	1.3%
2019	405	8	2.0%	148	36.5%	97	24.0%	65	16.0%	55	13.6%	27	6.7%	5	1.2%
2020	334	18	5.4%	114	34.1%	86	25.7%	45	13.5%	49	14.7%	19	5.7%	3	0.9%
2021	347	20	5.8%	111	32.0%	104	30.0%	40	11.5%	44	12.7%	23	6.6%	5	1.4%
2022	305	8	2.6%	99	32.5%	120	39.3%	43	14.1%	23	7.5%	11	3.6%	1	0.3%
Total	37,968	1,056	2.8%	8,629	22.7%	13,234	34.9%	9,745	25.7%	3,932	10.4%	1,134	3.0%	238	0.6%

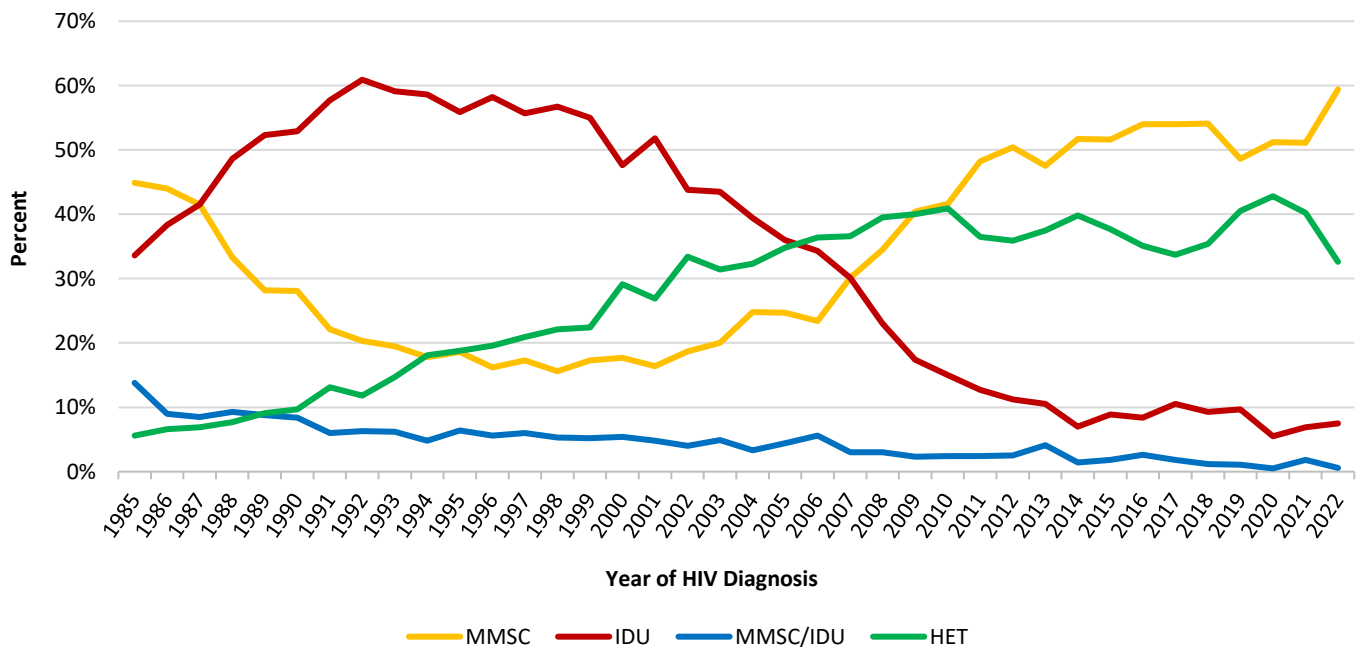
Figure 7 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Estimated Exposure Category, 1985-2022, Reported through June 30, 2023

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

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



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



Other exposure category not shown.

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

HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	No.	% with No Reported Exposure ^x	Estimated Exposure Category [§]									
			MMSC		IDU		MMSC/IDU		HET		Other Exposure	
			No.	%	No.	%	No.	%	No.	%	No.	%
<1985	239	2.5%	132	55.3%	63	26.3%	27	11.1%	8	3.5%	9	3.8%
1985	451	4.2%	203	44.9%	152	33.6%	62	13.8%	25	5.6%	9	2.0%
1986	595	2.9%	262	44.0%	228	38.3%	53	9.0%	39	6.6%	13	2.2%
1987	769	2.7%	319	41.5%	319	41.5%	66	8.5%	53	6.9%	12	1.6%
1988	1,137	2.9%	379	33.3%	552	48.6%	106	9.3%	87	7.7%	13	1.1%
1989	1,442	2.4%	406	28.2%	754	52.3%	127	8.8%	131	9.1%	24	1.7%
1990	1,528	3.9%	430	28.1%	809	52.9%	129	8.4%	149	9.7%	12	0.8%
1991	1,716	3.7%	380	22.1%	990	57.7%	102	6.0%	225	13.1%	19	1.1%
1992	1,686	4.4%	342	20.3%	1,027	60.9%	106	6.3%	199	11.8%	12	0.7%
1993	1,554	2.7%	302	19.5%	918	59.1%	96	6.2%	228	14.7%	10	0.6%
1994	1,419	3.7%	253	17.8%	832	58.6%	69	4.8%	257	18.1%	9	0.6%
1995	1,365	4.0%	254	18.6%	763	55.9%	87	6.4%	257	18.8%	4	0.3%
1996	1,259	4.1%	204	16.2%	733	58.2%	70	5.6%	247	19.6%	5	0.4%
1997	1,305	6.0%	226	17.3%	727	55.7%	79	6.0%	272	20.9%	1	0.1%
1998	1,279	5.2%	199	15.6%	725	56.7%	68	5.3%	283	22.1%	4	0.3%
1999	1,171	6.7%	203	17.3%	644	55.0%	60	5.2%	262	22.4%	2	0.2%
2000	1,139	6.8%	202	17.7%	542	47.6%	62	5.4%	331	29.1%	2	0.2%
2001	1,221	7.6%	201	16.4%	633	51.8%	58	4.8%	328	26.9%	1	0.1%
2002	1,412	10.0%	264	18.7%	619	43.8%	56	4.0%	472	33.4%	1	0.1%
2003	1,232	9.1%	246	20.0%	536	43.5%	60	4.9%	387	31.4%	3	0.2%
2004	1,204	9.9%	298	24.8%	474	39.4%	40	3.3%	389	32.3%	3	0.2%
2005	1,224	14.3%	302	24.7%	441	36.0%	53	4.4%	426	34.8%	2	0.2%
2006	1,324	18.7%	310	23.4%	455	34.3%	74	5.6%	482	36.4%	3	0.2%
2007	1,176	19.0%	354	30.1%	354	30.1%	35	3.0%	431	36.6%	2	0.2%
2008	1,130	25.8%	390	34.5%	260	23.0%	34	3.0%	446	39.5%	1	0.1%
2009	949	26.3%	383	40.4%	165	17.4%	22	2.3%	379	40.0%	0	0.0%
2010	963	28.7%	401	41.6%	144	15.0%	23	2.4%	393	40.9%	2	0.2%
2011	750	22.7%	362	48.2%	95	12.7%	18	2.4%	274	36.5%	1	0.1%
2012	693	16.9%	349	50.4%	78	11.2%	17	2.5%	249	35.9%	0	0.0%
2013	632	10.6%	301	47.5%	67	10.5%	26	4.1%	237	37.5%	2	0.3%
2014	601	8.5%	311	51.7%	42	7.0%	8	1.4%	239	39.8%	1	0.2%
2015	558	4.8%	288	51.6%	50	8.9%	10	1.8%	210	37.7%	0	0.0%
2016	543	12.5%	293	54.0%	46	8.4%	14	2.6%	190	35.1%	0	0.0%
2017	449	10.2%	242	54.0%	47	10.5%	8	1.8%	152	33.7%	0	0.0%
2018	462	12.3%	250	54.1%	43	9.3%	5	1.2%	164	35.4%	0	0.0%
2019	405	10.1%	197	48.6%	39	9.7%	5	1.1%	164	40.5%	0	0.0%
2020	334	8.1%	171	51.2%	18	5.5%	2	0.5%	143	42.8%	0	0.0%
2021	347	11.0%	177	51.1%	24	6.9%	6	1.8%	140	40.2%	0	0.0%
2022	305	18.7%	181	59.4%	23	7.5%	2	0.6%	99	32.6%	0	0.0%
Total	37,968	9.3%	10,967	28.9%	15,431	40.6%	1,945	5.1%	9,447	24.9%	182	0.5%

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

^xPercent with no reported exposure prior to multiple imputation adjustment.

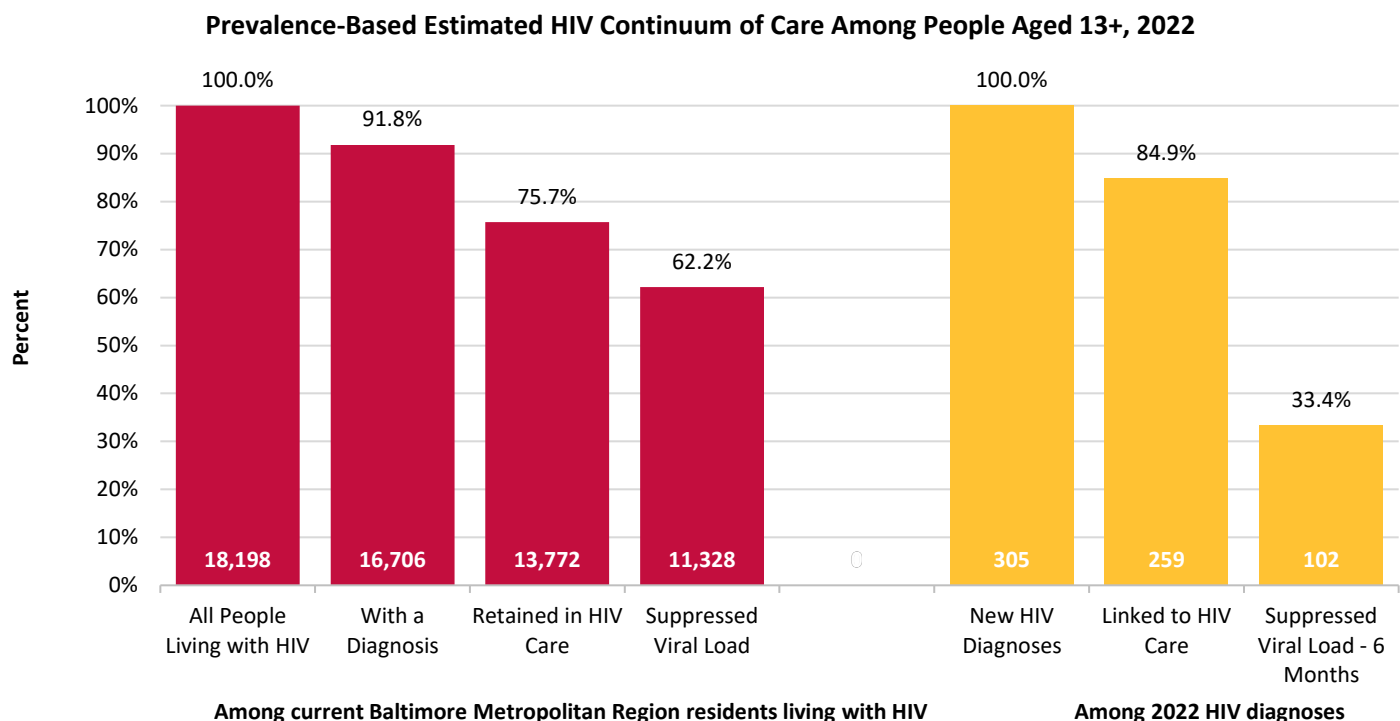
Note. Discrepancies in the table between total HIV diagnoses and the sums by exposure category are due to less than 1 percent of people missing transmission category after multiple imputation.

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 Baltimore Metropolitan Region Residents Aged 13+, Reported through June 30, 2023

The prevalence-based Baltimore Metropolitan 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 (8.2%) and the estimated number of people living with HIV currently residing in the Baltimore Metropolitan Region. Maryland surveillance data is then used to describe the number and percentage of people living with HIV in the Baltimore Metropolitan 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.

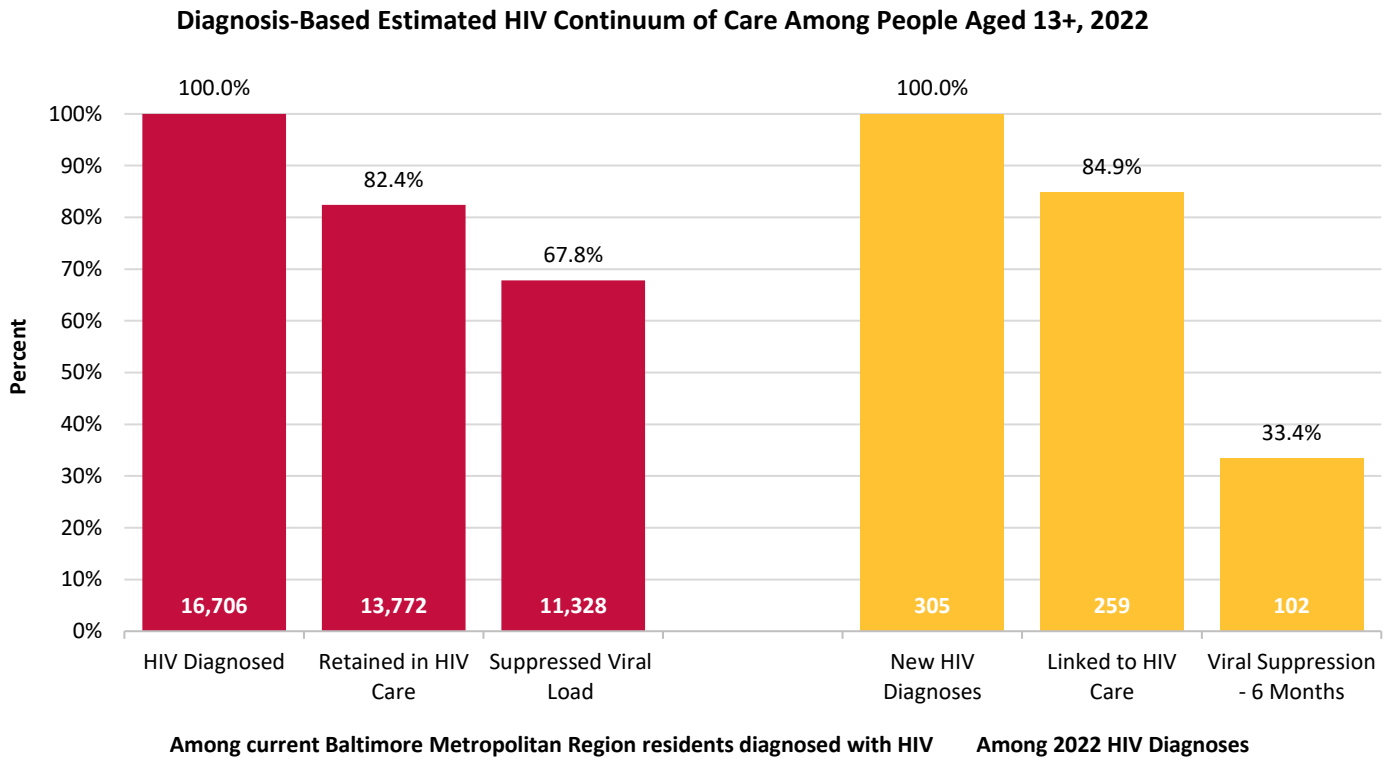


Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2022 HIV Diagnoses	
	Number	Percent		Number	Percent
All People Living with HIV	18,198	100.0%	New HIV Diagnoses	305	100.0%
With a Diagnosis	16,706	91.8%	Linked to HIV Care	259	84.9%
Retained in HIV Care	13,772	75.7%	Suppressed Viral Load – 6 Months	102	33.4%
Suppressed Viral Load	11,328	62.2%			

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 Baltimore Metropolitan Region Residents Aged 13+, Reported through June 30, 2023

The diagnosis-based Baltimore Metropolitan Region Engagement in HIV Care Cascade (below) uses Maryland surveillance data for current Baltimore Metropolitan Region residents to describe the number and percentage of people living with diagnosed HIV in the Baltimore Metropolitan 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	16,706	100.0%	New HIV Diagnoses	305	100.0%
Retained in HIV Care	13,772	82.4%	Linked to HIV Care	259	84.9%
Suppressed Viral Load	11,328	67.8%	Suppressed Viral Load – 6 Months	102	33.4%

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
Anne Arundel	499,060	25	8.2%	5.0	22	12.7%	4.4
Baltimore City	485,365	158	51.8%	32.6	93	53.8%	19.2
Baltimore	717,811	83	27.2%	11.6	33	19.1%	4.6
Carroll	148,583	3	1.0%	2.0	3	1.7%	2.0
Harford	223,232	12	3.9%	5.4	8	4.6%	3.6
Howard	280,829	20	6.6%	7.1	13	7.5%	4.6
Queen Anne's	44,380	4	1.3%	9.0	1	0.6%	2.3
Total	2,399,260	305	100.0%	12.7	173	100.0%	7.2

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

Jurisdiction of Residence at HIV Diagnosis	HIV Diagnoses among People Aged 13+					
	No.	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	First CD4 Test Result	
					% with Test	Median Count
Anne Arundel	25	80.0%	20.0%	32.0%	100.0%	367
Baltimore City	158	86.1%	38.6%	15.8%	96.8%	442
Baltimore	83	86.7%	28.9%	16.9%	97.6%	333
Carroll	3	***	***	***	***	***
Harford	12	75.0%	***	***	100.0%	334
Howard	20	80.0%	45.0%	35.0%	100.0%	433
Queen Anne's	4	***	***	***	***	***
Total	305	84.9%	33.4%	20.0%	97.7%	395

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

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

Jurisdiction of Residence	Population Aged 13+	Total People Aged 13+ Living with Diagnosed HIV								
		Residence at Diagnosis				Current Residence				% Change
		No.	% of Total	Rate	Ratio (1 in X)	No.	% of Total	Rate	Ratio (1 in X)	
Anne Arundel	499,060	1,348	7.6%	270.1	370	1,416	8.5%	238.7	352	5.0%
Baltimore City	485,365	11,742	66.0%	2,419.2	41	9,971	59.7%	2,054.3	49	-15.1%
Baltimore	717,811	3,354	18.8%	467.3	214	3,787	22.7%	527.6	190	12.9%
Carroll	148,583	160	0.9%	107.7	929	160	1.0%	107.7	929	0.0%
Harford	223,232	468	2.6%	209.6	477	545	3.3%	244.1	410	16.5%
Howard	280,829	667	3.7%	237.5	421	766	4.6%	272.8	367	14.8%
Queen Anne's	44,380	60	0.3%	135.2	740	61	0.4%	137.4	728	1.7%
Total	2,399,260	17,799	100.0%	741.9	135	16,706	100.0%	696.3	144	-6.7%

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

Jurisdiction of Current Residence	Total People Aged 13+ Living with Diagnosed HIV							
	No.	Recent CD4 Test Result						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
Anne Arundel	1,416	1,067	75.4%	669	6.0%	9.0%	15.7%	69.4%
Baltimore City	9,971	7,555	75.8%	633	8.4%	10.9%	15.0%	65.8%
Baltimore	3,787	2,811	74.2%	666	5.3%	9.7%	15.8%	69.2%
Carroll	160	123	76.9%	672	6.5%	8.1%	15.4%	69.9%
Harford	545	372	68.3%	675	6.7%	11.6%	12.6%	69.1%
Howard	766	588	76.8%	659	5.6%	9.7%	13.6%	71.1%
Queen Anne's	61	43	70.5%	682	4.7%	18.6%	7.0%	69.8%
Total	16,706	12,559	75.2%	645	7.3%	10.4%	15.0%	67.2%

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	
Anne Arundel	1,416	1,037	73.2%	91.4%	9,430
Baltimore City	9,971	7,711	77.3%	88.0%	6,710
Baltimore	3,787	2,869	75.8%	90.0%	8,620
Carroll	160	127	79.4%	94.5%	5,500
Harford	545	368	67.5%	88.0%	2,635
Howard	766	581	75.8%	91.0%	3,240
Queen Anne's	61	44	72.1%	95.5%	45,050
Total	16,706	12,737	76.2%	88.9%	7,160

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)	160,458	3	1.0%	1.9	***	***	***	***	***
5-12 (Pediatric)	275,954	1	0.3%	0.4	***	***	***	***	***
13-19	246,964	8	2.6%	3.2	87.5%	***	***	100.0%	378
20-29	359,229	99	32.0%	27.6	80.8%	37.4%	11.1%	99.0%	425
30-39	407,900	120	38.8%	29.4	85.8%	34.2%	20.8%	95.8%	455
40-49	348,649	43	13.9%	12.3	88.4%	30.2%	23.3%	100.0%	374
50-59	367,992	23	7.4%	6.3	87.0%	21.7%	39.1%	95.7%	332
60-69	342,158	11	3.6%	3.2	90.9%	***	***	100.0%	231
70+	326,368	1	0.3%	0.3	***	***	***	***	***
Total	2,835,672	309	100.0%	10.9	85.1%	33.7%	20.1%	97.7%	396
Alternate Age Categories									
13-24	422,283	55	18.0%	13.0	81.8%	36.4%	***	100.0%	442
25-34	389,803	113	37.0%	29.0	84.1%	35.4%	18.6%	95.6%	385
35-44	388,031	78	25.6%	20.1	87.2%	35.9%	23.1%	98.7%	422
45-54	341,257	37	12.1%	10.8	83.8%	21.6%	32.4%	97.3%	354
55-64	375,571	16	5.2%	4.3	93.8%	***	31.3%	100.0%	358
65+	482,315	6	2.0%	1.2	83.3%	***	***	100.0%	206
Total	2,399,260	305	100.0%	12.7	85.1%	33.7%	20.1%	97.7%	396

*** 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)	160,458	4	0.0%	2.5	40,115
5-12 (Pediatric)	275,954	12	0.1%	4.3	22,996
13-19	246,964	51	0.3%	20.7	4,842
20-29	359,229	1,071	6.4%	298.1	335
30-39	407,900	3,061	18.3%	750.4	133
40-49	348,649	2,918	17.5%	836.9	119
50-59	367,992	4,481	26.8%	1,217.7	82
60-69	342,158	3,957	23.7%	1,156.5	86
70+	326,368	1,167	7.0%	357.6	280
Total	2,835,672	16,722	100.0%	589.7	170
Alternate Age Categories					
13-24	422,283	369	2.2%	87.4	1,144
25-34	389,803	2,179	13.0%	559.0	179
35-44	388,031	3,108	18.6%	801.0	125
45-54	341,257	3,371	20.2%	987.8	101
55-64	375,571	4,975	29.8%	1,324.6	75
65+	482,315	2,704	16.2%	560.6	178
Total	2,399,260	16,706	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						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
13-19	51	44	86.3%	697	2.3%	4.5%	6.8%	86.4%
20-29	1,071	832	77.7%	680	6.5%	7.8%	13.1%	72.6%
30-39	3,061	2,270	74.2%	670	8.2%	9.0%	13.0%	69.7%
40-49	2,918	2,097	71.9%	663	6.9%	8.7%	16.2%	68.2%
50-59	4,481	3,355	74.9%	647	7.5%	10.9%	14.4%	67.2%
60-69	3,957	3,063	77.4%	621	7.2%	11.7%	16.2%	64.8%
70+	1,167	898	76.9%	578	6.6%	14.4%	18.2%	60.9%
Total	16,706	12,559	75.2%	645	7.3%	10.4%	15.0%	67.2%
Alternate Age Categories								
13-24	369	310	84.0%	690	1.6%	6.8%	11.6%	80.0%
25-34	2,179	1,632	74.9%	669	8.5%	8.9%	13.0%	69.6%
35-44	3,108	2,270	73.0%	672	7.5%	8.7%	14.4%	69.3%
45-54	3,371	2,454	72.8%	657	7.4%	10.0%	15.2%	67.3%
55-64	4,975	3,787	76.1%	635	7.3%	11.1%	15.2%	66.4%
65+	2,704	2,106	77.9%	601	6.9%	13.1%	17.3%	62.7%
Total	16,706	12,559	75.2%	645	7.3%	10.4%	15.0%	67.2%

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	51	43	84.3%	81.4%	2,210
20-29	1,071	843	78.7%	78.8%	16,200
30-39	3,061	2,300	75.1%	83.3%	8,245
40-49	2,918	2,178	74.6%	88.1%	11,800
50-59	4,481	3,447	76.9%	90.9%	6,130
60-69	3,957	3,085	78.0%	92.5%	2,930
70+	1,167	841	72.1%	95.7%	1,745
Total	16,706	12,737	76.2%	88.9%	7,160
Alternate Age Categories					
13-24	369	309	83.7%	81.6%	8,900
25-34	2,179	1,649	75.7%	81.3%	8,935
35-44	3,108	2,326	74.8%	84.8%	9,270
45-54	3,371	2,528	75.0%	89.6%	7,570
55-64	4,975	3,899	78.4%	92.3%	4,240
65+	2,704	2,026	74.9%	93.7%	2,240
Total	16,706	12,737	76.2%	88.9%	7,160

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	1,250,924	69	22.6%	5.5	82.6%	37.7%	20.3%	98.6%	394
Male	1,148,336	236	77.4%	20.6	85.6%	32.2%	19.9%	97.5%	395
Gender Identity									
Cisgender Man or Boy	1,148,336	222	72.8%	19.3	86.9%	31.1%	21.2%	97.7%	389
Cisgender Woman or Girl	1,250,924	67	22.0%	5.4	82.1%	35.8%	20.9%	98.5%	384
Transgender Man or Boy	--	1	0.3%	0.0	***	***	***	***	***
Transgender Woman or Girl	--	15	4.9%	0.0	***	***	***	***	***
Another Gender Identity	--	0	0.0%	0.0	--	--	--	--	--
Race/Ethnicity									
Hispanic	144,691	35	11.5%	24.2	80.0%	31.4%	34.3%	100.0%	306
Non-Hispanic	2,254,569	270	88.5%	12.0	85.6%	33.7%	18.1%	97.4%	399
American Indian/Alaska Native, only	6,028	0	0.0%	0.0	--	--	--	--	--
Asian, only	150,513	6	2.0%	4.0	***	***	***	***	***
Black, only	705,649	217	71.1%	30.8	84.8%	34.6%	17.5%	96.8%	404
Native Hawaiian/Other Pacific Islander, only	1,201	1	0.3%	83.3	***	***	***	***	***
White, only	1,340,956	38	12.5%	2.8	89.5%	21.1%	18.4%	100.0%	368
Multiracial/Another Race	50,221	8	2.6%	15.9	75.0%	62.5%	***	100.0%	468
Total	2,399,260	305	100.0%	12.7	84.9%	33.4%	20.0%	97.7%	395
Country of Birth									
United States	2,081,843	271	88.9%	13.0	84.9%	32.5%	18.5%	97.4%	398
Foreign-Born	276,984	27	8.9%	9.7	85.2%	44.4%	29.6%	100.0%	336
Africa	--	7	2.3%	--	71.4%	***	***	100.0%	257
Asia	--	3	1.0%	--	***	***	***	***	***
Caribbean	--	1	0.3%	--	***	***	***	***	***
Central America	--	12	3.9%	--	91.7%	41.7%	***	100.0%	303
Other	--	4	1.3%	--	***	***	***	***	***
Unknown	--	7	2.3%	--	85.7%	***	***	100.0%	269
Total	2,358,827	305	100.0%	12.9	84.9%	33.4%	20.0%	97.7%	395

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	70,243	4	5.8%	5.7	74,448	31	13.1%	41.6
Non-Hispanic	1,180,681	65	94.2%	5.5	1,073,888	205	86.9%	19.1
American Indian/Alaska Native, only	3,134	0	0.0%	0.0	2,894	0	0.0%	0.0
Asian, only	78,680	0	0.0%	0.0	71,833	6	2.5%	8.4
Black, only	387,966	54	78.3%	13.9	317,683	163	69.1%	51.3
Native Hawaiian/Other Pacific Islander, only	671	***	***	***	530	***	***	***
White, only	683,828	8	11.6%	1.2	657,129	30	12.7%	4.6
Multiracial/Another Race	26,403	***	***	***	23,819	***	***	***
Total	1,250,924	69	100.0%	5.5	1,148,336	236	100.0%	20.6

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

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

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	1,250,924	5,693	34.1%	455.1	220
Male	1,148,336	11,013	65.9%	959.0	104
Gender Identity					
Cisgender Man or Boy	1,148,336	10,802	64.7%	940.7	106
Cisgender Woman or Girl	1,250,924	5,679	34.0%	454.0	220
Transgender Man or Boy	--	12	0.1%	--	--
Transgender Woman or Girl	--	213	1.3%	--	--
Another Gender Identity	--	0	0.0%	--	--
Race/Ethnicity					
Hispanic	144,691	923	5.5%	637.9	157
Non-Hispanic	2,254,569	15,783	94.5%	700.0	143
American Indian/Alaska Native, only	6,028	6	0.0%	99.5	1,005
Asian, only	150,513	118	0.7%	78.4	1,276
Black, only	705,649	12,614	75.5%	1,787.6	56
Native Hawaiian/Other Pacific Islander, only	1,201	2	0.0%	166.5	601
White, only	1,340,956	2,087	12.5%	155.6	643
Multiracial/Another Race	50,221	956	5.7%	1,903.6	53
Total	2,399,260	16,706	100.0%	696.3	144
Country of Birth					
United States	2,081,843	15,110	90.4%	725.8	138
Foreign-Born	276,984	1,179	7.1%	425.7	235
Africa	--	638	3.8%	--	--
Asia	--	106	0.6%	--	--
Caribbean	--	94	0.6%	--	--
Central America	--	222	1.3%	--	--
Other	--	119	0.7%	--	--
Unknown	--	417	2.5%	--	--
Total	2,358,827	16,706	100.0%	708.2	141

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

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

Total People Aged 13+ Living with Diagnosed HIV								
Race/Ethnicity	Assigned Sex at Birth							
	Female				Male			
	Population 13+	No.	% of Total	Rate	Population 13+	No.	% of Total	Rate
Hispanic	70,243	213	3.7%	303.2	74,448	710	6.4%	953.7
Non-Hispanic	1,180,681	5,480	96.3%	464.1	1,073,888	10,303	93.6%	959.4
American Indian/Alaska Native, only	3,134	***	***	***	2,894	***	***	***
Asian, only	78,680	26	0.5%	33.0	71,833	92	0.8%	128.1
Black, only	387,966	4,728	83.0%	1,218.7	317,683	7,886	71.6%	2,482.4
Native Hawaiian/Other Pacific Islander, only	671	***	***	***	530	***	***	***
White, only	683,828	421	7.4%	61.6	657,129	1,666	15.1%	253.5
Multiracial/Another Race	26,403	302	5.3%	1,143.8	23,819	654	5.9%	2,745.8
Total	1,250,924	5,693	100.0%	455.1	1,148,336	11,013	100.0%	959.0

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	5,693	4,295	75.4%	698	7.6%	9.0%	12.6%	70.8%
Male	11,013	8,264	75.0%	622	7.2%	11.2%	16.3%	65.4%
Gender Identity								
Cisgender Man or Boy	10,802	8,093	74.9%	621	7.2%	11.2%	16.4%	65.2%
Cisgender Woman or Girl	5,679	4,284	75.4%	698	7.6%	9.0%	12.6%	70.8%
Transgender Man or Boy	12	9	75.0%	683	11.1%	0.0%	11.1%	77.8%
Transgender Woman or Girl	213	173	81.2%	678	6.9%	9.2%	12.7%	71.1%
Another Gender Identity	0	--	--	--	--	--	--	--
Race/Ethnicity								
Hispanic	923	678	73.5%	626	7.5%	11.4%	15.9%	65.2%
Non-Hispanic	15,783	11,881	75.3%	646	7.3%	10.4%	15.0%	67.4%
American Indian/Alaska Native, only	6	***	***	***	***	***	***	***
Asian, only	118	93	78.8%	542	8.6%	9.7%	23.7%	58.1%
Black, only	12,614	9,600	76.1%	648	7.4%	10.3%	14.6%	67.7%
Native Hawaiian/Other Pacific Islander, only	2	***	***	***	***	***	***	***
White, only	2,087	1,483	71.1%	655	6.1%	10.7%	16.5%	66.7%
Multiracial/Another Race	956	702	73.4%	629	8.3%	10.3%	16.4%	65.1%
Country of Birth								
United States	15,110	11,410	75.5%	644	7.5%	10.6%	15.0%	66.9%
Foreign-Born	1,179	844	71.6%	644	4.9%	9.6%	16.1%	69.4%
Africa	638	455	71.3%	654	4.8%	7.7%	14.5%	73.0%
Asia	106	78	73.6%	537	6.4%	10.3%	25.6%	57.7%
Caribbean	94	77	81.9%	739	3.9%	11.7%	14.3%	70.1%
Central America	222	153	68.9%	589	5.9%	14.4%	17.6%	62.1%
Other	119	81	68.1%	707	2.5%	8.6%	14.8%	74.1%
Unknown	417	305	73.1%	696	6.2%	6.9%	14.8%	72.1%
Total	16,706	12,559	75.2%	645	7.3%	10.4%	15.0%	67.2%

*** 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	5,693	4,460	78.3%	88.6%	6,050
Male	11,013	8,277	75.2%	89.1%	7,830
Gender Identity					
Cisgender Man or Boy	10,802	8,108	75.1%	89.3%	7,830
Cisgender Woman or Girl	5,679	4,448	78.3%	88.6%	6,070
Transgender Man or Boy	12	10	83.3%	90.0%	5,040
Transgender Woman or Girl	213	171	80.3%	78.9%	6,130
Another Gender Identity	0	--	--	--	--
Race/Ethnicity					
Hispanic	923	688	74.5%	90.0%	21,800
Non-Hispanic	15,783	12,049	76.3%	88.9%	6,710
American Indian/Alaska Native, only	6	***	***	***	***
Asian, only	118	96	81.4%	97.9%	51,469
Black, only	12,614	9,676	76.7%	88.4%	6,480
Native Hawaiian/Other Pacific Islander, only	2	***	***	***	***
White, only	2,087	1,552	74.4%	91.0%	9,270
Multiracial/Another Race	956	722	75.5%	89.6%	10,200
Country of Birth					
United States	15,110	11,591	76.7%	88.5%	7,180
Foreign-Born	1,179	850	72.1%	92.8%	2,650
Africa	638	444	69.6%	92.8%	5,435
Asia	106	83	78.3%	96.4%	31,000
Caribbean	94	72	76.6%	93.1%	898
Central America	222	164	73.9%	89.6%	2,610
Other	119	87	73.1%	95.4%	22,027
Unknown	417	296	71.0%	93.2%	6,875
Total	16,706	12,737	76.2%	88.9%	7,160

*** 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	26,371	67,565	92,737	27,310	213,983
	Number	0	5	1	0	6
	Rate	0.0	7.4	1.1	0.0	2.8
	Ratio (1 in X)	--	13,513	92,737	--	35,664
13-19	Population	11,866	39,333	55,687	14,482	121,368
	Number	0	19	1	2	22
	Rate	0.0	48.3	1.8	13.8	18.1
	Ratio (1 in X)	--	2,070	55,687	7,241	5,517
20-29	Population	14,093	60,700	86,748	18,628	180,169
	Number	19	193	11	9	232
	Rate	134.8	318.0	12.7	48.3	128.8
	Ratio (1 in X)	742	315	7,886	2,070	777
30-39	Population	14,481	68,919	104,706	20,929	209,035
	Number	35	585	68	44	732
	Rate	241.7	848.8	64.9	210.2	350.2
	Ratio (1 in X)	414	118	1,540	476	286
40-49	Population	13,119	58,237	88,950	19,174	179,480
	Number	55	905	101	83	1,144
	Rate	419.2	1,554.0	113.5	432.9	637.4
	Ratio (1 in X)	239	64	881	231	157
50-59	Population	8,352	58,828	107,811	14,834	189,825
	Number	56	1,491	131	94	1,772
	Rate	670.5	2,534.5	121.5	633.7	933.5
	Ratio (1 in X)	149	39	823	158	107
60-69	Population	4,725	53,766	111,970	10,737	181,198
	Number	35	1,181	90	77	1,383
	Rate	740.7	2,196.6	80.4	717.1	763.3
	Ratio (1 in X)	135	46	1,244	139	131
70+	Population	3,607	48,183	127,956	10,103	189,849
	Number	13	354	19	22	408
	Rate	360.4	734.7	14.8	217.8	214.9
	Ratio (1 in X)	277	136	6,735	459	465
Total Females by Race/Ethnicity	Population	96,614	455,531	776,565	136,197	1,464,907
	Number	213	4,714	421	329	5,677
	Rate	220.5	1,034.8	54.2	241.6	387.5
	Ratio (1 in X)	454	97	1,845	414	258

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	19,019	69,252	96,970	23,772	209,013
	Number	5	70	4	2	81
	Rate	26.3	101.1	4.1	8.4	38.8
	Ratio (1 in X)	3,804	989	24,242	11,886	2,580
25-34	Population	14,110	66,526	97,735	19,631	198,002
	Number	28	393	33	22	476
	Rate	198.4	590.7	33.8	112.1	240.4
	Ratio (1 in X)	504	169	2,962	892	416
35-44	Population	14,540	64,347	99,563	20,710	199,160
	Number	47	738	98	71	954
	Rate	323.2	1,146.9	98.4	342.8	479.0
	Ratio (1 in X)	309	87	1,016	292	209
45-54	Population	10,593	56,098	92,135	17,198	176,024
	Number	58	1,187	112	84	1,441
	Rate	547.5	2,115.9	121.6	488.4	818.6
	Ratio (1 in X)	183	47	823	205	122
55-64	Population	6,363	59,180	116,868	12,676	195,087
	Number	50	1,538	125	99	1,812
	Rate	785.8	2,598.9	107.0	781.0	928.8
	Ratio (1 in X)	127	38	935	128	108
65+	Population	5,618	72,563	180,557	14,900	273,638
	Number	25	802	49	53	929
	Rate	445.0	1,105.2	27.1	355.7	339.5
	Ratio (1 in X)	225	90	3,685	281	295
Total Females by Race/Ethnicity	Population	70,243	387,966	683,828	108,887	1,250,924
	Number	213	4,728	421	331	5,693
	Rate	303.2	1,218.7	61.6	304.0	455.1
	Ratio (1 in X)	330	82	1,624	329	220

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	27,758	69,157	97,455	28,059	222,429
	Number	1	5	2	2	10
	Rate	3.6	7.2	2.1	7.1	4.5
	Ratio (1 in X)	27,758	13,831	48,728	14,029	22,243
13-19	Population	12,369	40,088	58,354	14,785	125,596
	Number	2	25	2	0	29
	Rate	16.2	62.4	3.4	0.0	23.1
	Ratio (1 in X)	6,185	1,604	29,177	--	4,331
20-29	Population	14,178	56,258	90,757	17,867	179,060
	Number	84	665	44	46	839
	Rate	592.5	1,182.1	48.5	257.5	468.6
	Ratio (1 in X)	169	85	2,063	388	213
30-39	Population	15,817	57,630	106,644	18,774	198,865
	Number	191	1,748	238	152	2,329
	Rate	1,207.6	3,033.1	223.2	809.6	1,171.1
	Ratio (1 in X)	83	33	448	124	85
40-49	Population	15,367	46,893	89,802	17,107	169,169
	Number	171	1,182	291	130	1,774
	Rate	1,112.8	2,520.6	324.0	759.9	1,048.7
	Ratio (1 in X)	90	40	309	132	95
50-59	Population	9,464	48,648	106,422	13,633	178,167
	Number	155	1,841	504	209	2,709
	Rate	1,637.8	3,784.3	473.6	1,533.0	1,520.5
	Ratio (1 in X)	61	26	211	65	66
60-69	Population	4,673	40,392	106,587	9,308	160,960
	Number	82	1,895	429	168	2,574
	Rate	1,754.8	4,691.5	402.5	1,804.9	1,599.2
	Ratio (1 in X)	57	21	248	55	63
70+	Population	2,580	27,774	98,563	7,602	136,519
	Number	25	530	158	46	759
	Rate	969.0	1,908.3	160.3	605.1	556.0
	Ratio (1 in X)	103	52	624	165	180
Total Males by Race/Ethnicity	Population	102,206	386,840	754,584	127,135	1,370,765
	Number	709	7,866	1,666	753	10,994
	Rate	693.7	2,033.4	220.8	592.3	802.0
	Ratio (1 in X)	144	49	453	169	125

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	19,722	68,228	101,581	23,739	213,270
	Number	34	230	12	12	288
	Rate	172.4	337.1	11.8	50.5	135.0
	Ratio (1 in X)	580	297	8,465	1,978	741
25-34	Population	14,250	58,831	100,436	18,284	191,801
	Number	136	1,309	146	112	1,703
	Rate	954.4	2,225.0	145.4	612.6	887.9
	Ratio (1 in X)	105	45	688	163	113
35-44	Population	17,027	51,842	101,581	18,421	188,871
	Number	195	1,561	261	137	2,154
	Rate	1,145.2	3,011.1	256.9	743.7	1,140.5
	Ratio (1 in X)	87	33	389	134	88
45-54	Population	12,024	45,800	91,780	15,629	165,233
	Number	169	1,256	351	154	1,930
	Rate	1,405.5	2,742.4	382.4	985.3	1,168.0
	Ratio (1 in X)	71	36	261	101	86
55-64	Population	6,995	47,997	114,215	11,277	180,484
	Number	121	2,241	573	228	3,163
	Rate	1,729.8	4,669.0	501.7	2,021.8	1,752.5
	Ratio (1 in X)	58	21	199	49	57
65+	Population	4,430	44,985	147,536	11,726	208,677
	Number	55	1,289	323	108	1,775
	Rate	1,241.5	2,865.4	218.9	921.0	850.6
	Ratio (1 in X)	81	35	457	109	118
Total Males by Race/Ethnicity	Population	74,448	317,683	657,129	99,076	1,148,336
	Number	710	7,886	1,666	751	11,013
	Rate	953.7	2,482.4	253.5	758.0	959.0
	Ratio (1 in X)	105	40	394	132	104

Section VII – By HIV Exposure Category

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

Estimated or Reported Exposure Category	HIV Diagnoses among People Aged 13+					First CD4 Test Result	
	No.	% of Total	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	% with Test	Median Count
Male-to-male Sexual Contact (MMSC)	181	59.4%	86.6%	63.2%	15.6%	97.6%	436
Injection Drug Use (IDU)	23	7.5%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	2	0.6%	***	***	***	***	***
Heterosexual Contact (HET)	99	32.6%	84.8%	58.0%	24.8%	97.7%	367
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	305	100.0%	84.9%	60.4%	20.0%	97.7%	395
Female Estimated or Reported Exposure Category							
Injection Drug Use (IDU)	13	19.0%	66.4%	57.0%	35.1%	100.0%	333
Heterosexual Contact (HET)	56	81.0%	86.4%	59.6%	16.8%	98.2%	399
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	69	100.0%	82.6%	59.1%	20.3%	98.6%	394
Male Estimated or Reported Exposure Category							
Male-to-male Sexual Contact (MMSC)	181	76.8%	86.6%	63.2%	15.6%	97.6%	436
Injection Drug Use (IDU)	10	4.1%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	2	0.7%	***	***	***	***	***
Heterosexual Contact (HET)	43	18.4%	82.7%	55.1%	35.0%	97.0%	263
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	236	100.0%	85.6%	60.8%	19.9%	97.5%	395

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)	6,344	38.0%
Injection Drug Use (IDU)	3,528	21.1%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	692	4.1%
Heterosexual Contact (HET)	5,820	34.8%
Perinatal Transmission	259	1.6%
Other Exposure	23	0.1%
No Estimated or Reported Exposure	40	0.2%
Total	16,706	100.0%

Female Estimated or Reported Exposure Category		
Injection Drug Use (IDU)	1,508	26.5%
Heterosexual Contact (HET)	3,996	70.2%
Perinatal Transmission	155	2.7%
Other Exposure	9	0.2%
No Estimated or Reported Exposure	25	0.4%
Total	5,693	100.0%

Male Estimated or Reported Exposure Category		
Male-to-male Sexual Contact (MMSC)	6,344	57.6%
Injection Drug Use (IDU)	2,020	18.3%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	692	6.3%
Heterosexual Contact (HET)	1,824	16.6%
Perinatal Transmission	104	0.9%
Other Exposure	14	0.1%
No Estimated or Reported Exposure	15	0.1%
Total	11,013	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)	488	52.9%	4,147	32.9%	1,243	59.5%
Injection Drug Use (IDU)	79	8.6%	2,890	22.9%	348	16.7%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	31	3.3%	508	4.0%	94	4.5%
Heterosexual Contact (HET)	313	33.9%	4,801	38.1%	377	18.1%
Perinatal Transmission	8	0.9%	226	1.8%	12	0.6%
Other Exposure	1	0.1%	9	0.1%	12	0.6%
No Estimated or Reported Exposure	3	0.3%	33	0.3%	1	0.0%
Total	923	100.0%	12,614	100.0%	2,087	100.0%
Female Estimated or Reported Exposure Category						
Injection Drug Use (IDU)	36	16.9%	1,181	25.0%	183	43.6%
Heterosexual Contact (HET)	171	80.3%	3,379	71.5%	231	54.8%
Perinatal Transmission	4	1.9%	139	2.9%	5	1.2%
Other Exposure	0	0.0%	7	0.1%	2	0.5%
No Estimated or Reported Exposure	2	0.9%	22	0.5%	0	0.0%
Total	213	100.0%	4,728	100.0%	421	100.0%
Male Estimated or Reported Exposure Category						
Male-to-male Sexual Contact (MMSC)	488	68.7%	4,147	52.6%	1,243	74.6%
Injection Drug Use (IDU)	43	6.1%	1,708	21.7%	165	9.9%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	31	4.3%	508	6.4%	94	5.7%
Heterosexual Contact (HET)	142	20.0%	1,422	18.0%	147	8.8%
Perinatal Transmission	4	0.6%	87	1.1%	7	0.4%
Other Exposure	1	0.1%	2	0.0%	10	0.6%
No Estimated or Reported Exposure	1	0.1%	11	0.1%	1	0.1%
Total	710	100.0%	7,885	100.0%	1,667	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 (MMSA)	6,344	4,801	75.7%	671	5.2%	9.1%	14.9%	70.8%
Injection Drug Use (IDU)	3,528	2,649	75.1%	570	11.3%	14.0%	16.4%	58.3%
Male-to-male Sexual Contact and Injection Drug Use (MMSA/IDU)	692	535	77.3%	570	9.9%	13.7%	17.5%	59.0%
Heterosexual Contact (HET)	5,820	4,314	74.1%	674	6.4%	9.2%	14.5%	70.0%
Perinatal Transmission	259	207	79.9%	589	16.9%	11.6%	7.7%	63.8%
Other Exposure	23	21	91.3%	510	19.0%	14.3%	14.3%	52.4%
No Estimated or Reported Exposure	40	33	82.5%	628	3.0%	21.2%	6.1%	69.7%
Total	16,706	12,559	75.2%	645	7.3%	10.4%	15.0%	67.2%

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

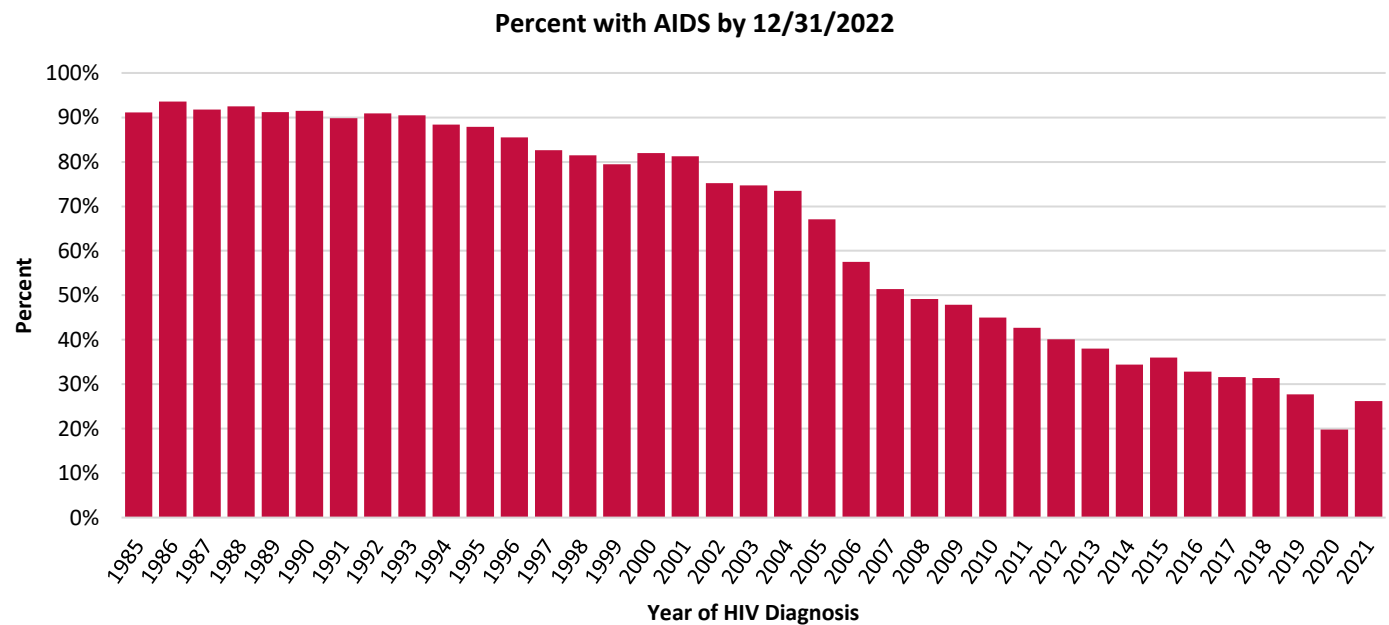
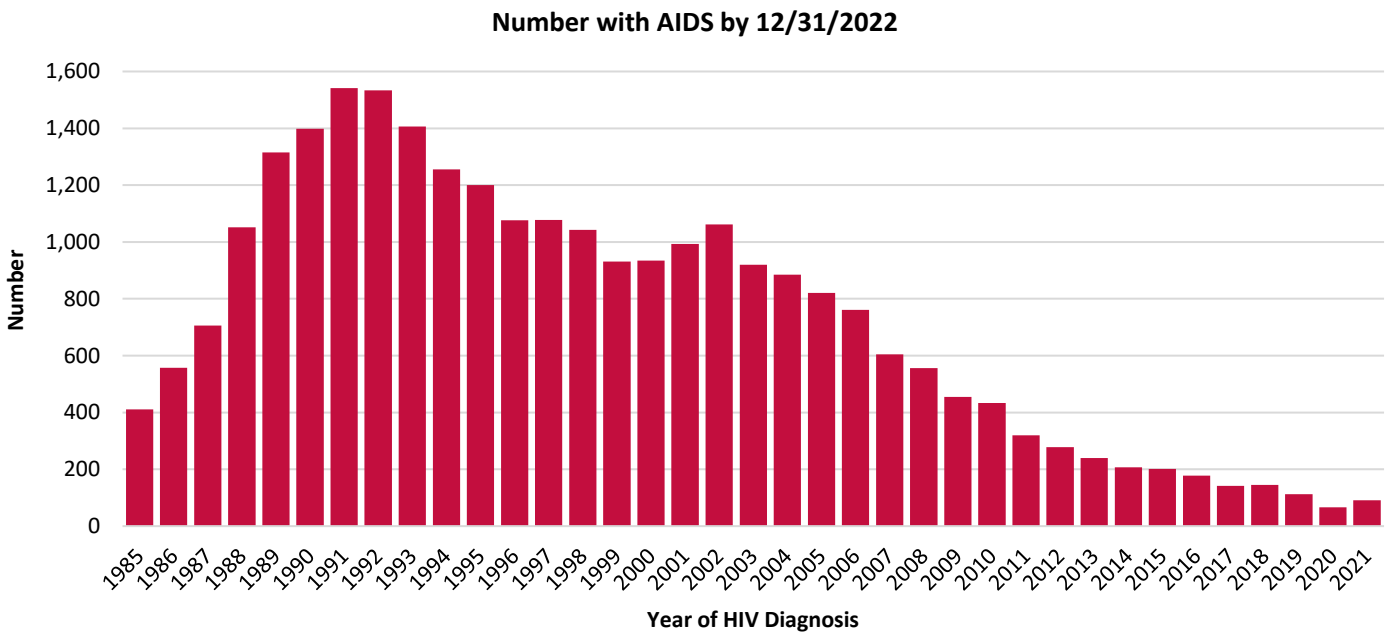
Estimated or Reported Exposure Category	Total People Aged 13+ with Living Diagnosed HIV				
	No.	Recent Viral Load Test Results			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
Male-to-male Sexual Contact (MMSA)	6,344	4,822	76.0%	89.1%	8,100
Injection Drug Use (IDU)	3,528	2,692	76.3%	87.8%	4,890
Male-to-male Sexual Contact and Injection Drug Use (MMSA/IDU)	692	551	79.6%	89.8%	12,300
Heterosexual Contact (HET)	5,820	4,402	75.6%	90.2%	7,079
Perinatal Transmission	259	215	83.0%	72.6%	10,790
Other Exposure	23	20	87.0%	100.0%	--
No Estimated or Reported Exposure	40	35	87.5%	80.0%	2,710
Total	16,706	12,737	76.2%	88.9%	7,160

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



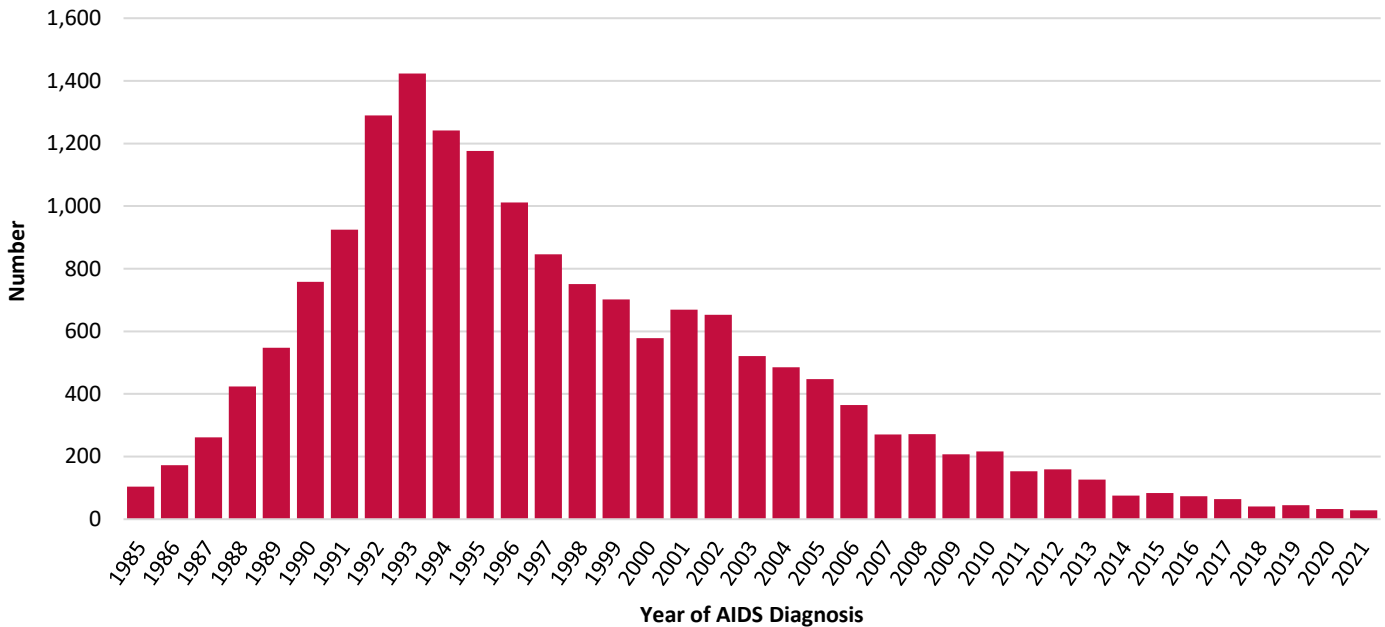
HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	No.	AIDS Diagnoses		Mean Years from HIV to AIDS	Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS		1 Year	2 Years	5 Years	10 Years
<1985	239	231	96.7%	7.4	33.1%	33.1%	36.4%	67.4%
1985	451	411	91.1%	6.6	25.9%	27.5%	35.5%	74.5%
1986	595	557	93.6%	5.6	32.8%	33.8%	46.2%	80.3%
1987	769	706	91.8%	4.7	33.2%	36.7%	53.7%	82.2%
1988	1,137	1,052	92.5%	4.0	37.9%	41.7%	63.5%	85.9%
1989	1,442	1,315	91.2%	3.7	38.6%	44.2%	67.9%	83.8%
1990	1,528	1,398	91.5%	3.2	44.0%	50.9%	73.4%	85.3%
1991	1,716	1,541	89.8%	2.8	46.6%	56.1%	73.8%	84.2%
1992	1,686	1,533	90.9%	2.7	50.5%	59.1%	75.7%	84.6%
1993	1,554	1,406	90.5%	2.3	54.3%	62.9%	77.0%	86.0%
1994	1,419	1,255	88.4%	2.4	54.3%	62.2%	75.1%	83.1%
1995	1,365	1,200	87.9%	2.5	56.4%	62.1%	72.4%	82.1%
1996	1,259	1,076	85.5%	2.1	59.3%	64.3%	71.7%	80.6%
1997	1,305	1,078	82.6%	2.3	54.6%	59.6%	69.0%	77.5%
1998	1,279	1,043	81.5%	2.1	56.0%	59.9%	68.3%	76.8%
1999	1,171	931	79.5%	2.0	56.6%	60.7%	68.8%	75.4%
2000	1,139	934	82.0%	2.0	56.2%	60.6%	70.3%	77.9%
2001	1,221	993	81.3%	1.9	58.0%	62.2%	71.3%	76.9%
2002	1,412	1,062	75.2%	2.0	53.0%	56.7%	64.2%	70.9%
2003	1,232	920	74.7%	1.8	54.1%	58.1%	64.0%	70.9%
2004	1,204	885	73.5%	2.1	51.2%	55.2%	61.8%	68.9%
2005	1,224	821	67.1%	2.1	46.1%	49.3%	56.1%	63.3%
2006	1,324	761	57.5%	2.2	37.7%	40.0%	47.4%	54.3%
2007	1,176	604	51.4%	2.7	29.1%	32.3%	39.9%	47.5%
2008	1,130	556	49.2%	2.5	28.3%	31.8%	40.1%	45.9%
2009	949	455	47.9%	2.4	27.5%	30.8%	39.3%	45.7%
2010	963	433	45.0%	2.5	26.0%	28.8%	36.1%	42.9%
2011	750	320	42.7%	1.9	27.1%	31.1%	36.0%	41.5%
2012	693	278	40.1%	1.7	27.1%	29.7%	35.5%	39.4%
2013	632	240	38.0%	1.3	28.5%	29.9%	34.2%	--
2014	601	207	34.4%	1.2	25.0%	28.1%	32.1%	--
2015	558	201	36.0%	1.2	25.8%	28.9%	33.0%	--
2016	543	178	32.8%	0.9	25.2%	27.4%	31.3%	--
2017	449	142	31.6%	0.8	25.2%	26.7%	30.3%	--
2018	462	145	31.4%	0.7	26.2%	27.5%	--	--
2019	405	112	27.7%	0.5	23.7%	24.9%	--	--
2020	334	66	19.8%	0.2	18.0%	18.9%	--	--
2021	347	91	26.2%	0.2	24.2%	--	--	--
Total	37,663	27,137	72.1%	2.6	43.2%	47.8%	58.2%	67.5%

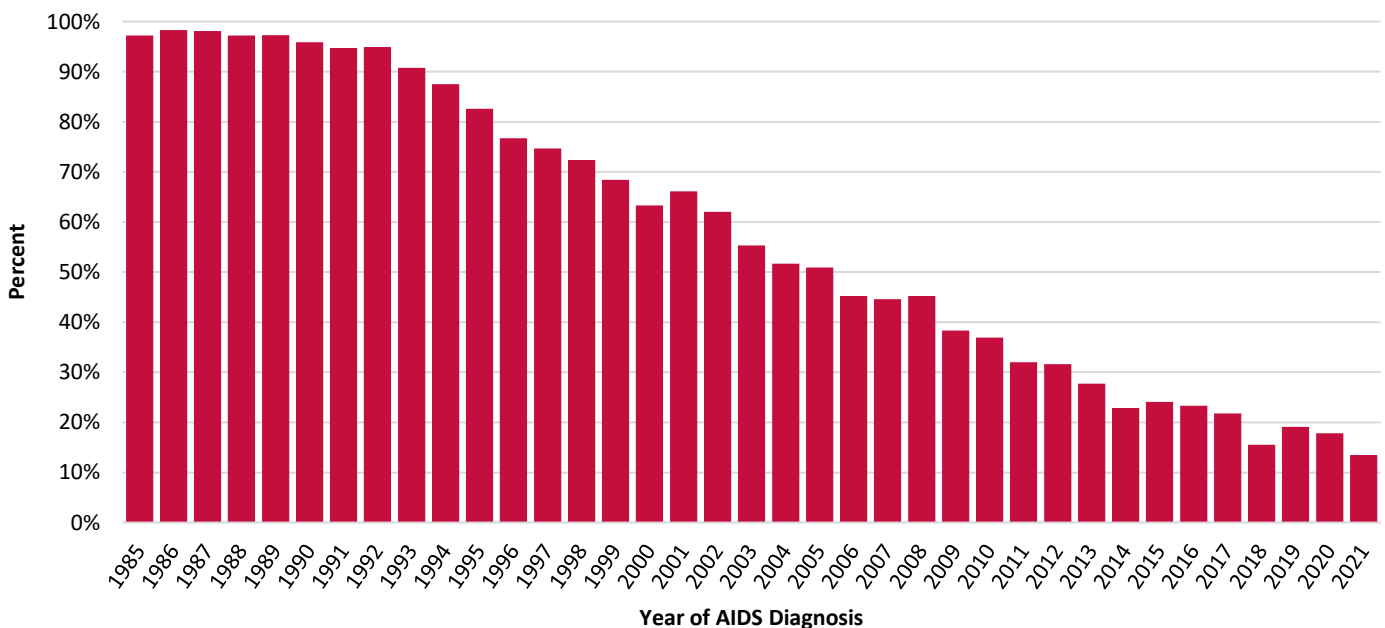
Figure 11 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2021, Reported through June 30, 2023

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

Number Deceased by 12/31/2022



Percent Deceased by 12/31/2022



AIDS Diagnoses among People Aged 13+

Year of AIDS Diagnosis	No.	Reported Deaths Among AIDS Diagnoses			Percent Alive by Years After AIDS Diagnosis			
		No.	% Deceased	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	77	73	94.8%	2.5	53.2%	33.8%	16.9%	14.3%
1985	107	104	97.2%	2.3	43.0%	22.4%	9.3%	7.5%
1986	176	173	98.3%	2.6	54.0%	35.8%	14.8%	8.5%
1987	266	261	98.1%	2.3	62.0%	33.5%	11.3%	5.3%
1988	436	424	97.2%	2.5	59.2%	39.2%	14.2%	6.9%
1989	563	548	97.3%	2.8	60.6%	39.1%	15.5%	7.8%
1990	790	758	95.9%	3.3	65.9%	46.6%	20.0%	11.5%
1991	977	925	94.7%	3.1	67.7%	46.2%	18.1%	12.1%
1992	1,360	1,290	94.9%	3.4	70.4%	48.7%	20.1%	14.0%
1993	1,568	1,423	90.8%	4.3	77.7%	55.4%	32.3%	20.9%
1994	1,420	1,242	87.5%	4.5	77.5%	58.7%	38.0%	23.9%
1995	1,423	1,176	82.6%	5.9	78.6%	66.5%	49.3%	35.1%
1996	1,320	1,012	76.7%	6.2	81.8%	74.8%	57.5%	41.3%
1997	1,133	846	74.7%	6.8	85.3%	77.3%	60.8%	44.5%
1998	1,038	751	72.4%	7.0	87.1%	79.9%	63.9%	46.9%
1999	1,026	702	68.4%	6.6	87.1%	79.9%	64.1%	48.7%
2000	913	578	63.3%	6.6	86.2%	80.6%	65.2%	52.6%
2001	1,012	669	66.1%	6.1	85.7%	77.0%	62.3%	50.0%
2002	1,053	653	62.0%	6.8	88.2%	82.6%	70.0%	56.3%
2003	942	521	55.3%	5.6	84.0%	78.2%	67.1%	57.5%
2004	939	485	51.7%	6.0	87.5%	82.9%	72.1%	62.0%
2005	879	447	50.9%	6.3	88.5%	83.6%	74.2%	64.7%
2006	808	365	45.2%	5.4	88.2%	83.7%	74.3%	64.4%
2007	608	271	44.6%	5.3	88.3%	84.9%	76.0%	64.8%
2008	602	272	45.2%	5.3	89.0%	84.1%	75.2%	65.0%
2009	540	207	38.3%	4.7	91.1%	86.9%	78.0%	66.5%
2010	585	216	36.9%	4.7	90.8%	87.9%	80.5%	68.0%
2011	478	153	32.0%	4.6	94.1%	91.0%	82.0%	70.7%
2012	503	159	31.6%	3.9	90.7%	88.7%	80.3%	69.0%
2013	458	127	27.7%	3.8	94.1%	90.2%	82.1%	--
2014	327	75	22.9%	2.8	90.8%	87.2%	83.8%	--
2015	349	84	24.1%	2.4	90.8%	87.7%	80.2%	--
2016	313	73	23.3%	2.1	91.1%	86.9%	79.6%	--
2017	293	64	21.8%	1.8	91.8%	86.3%	79.5%	--
2018	265	41	15.5%	1.4	91.3%	89.4%	--	--
2019	235	45	19.1%	0.9	89.4%	83.4%	--	--
2020	185	33	17.8%	0.7	88.6%	82.7%	--	--
2021*	207	28	13.5%	0.5	88.4%	--	--	--
Total	26,174	17,274	66.0%	4.9	82.0%	71.5%	55.9%	45.1%

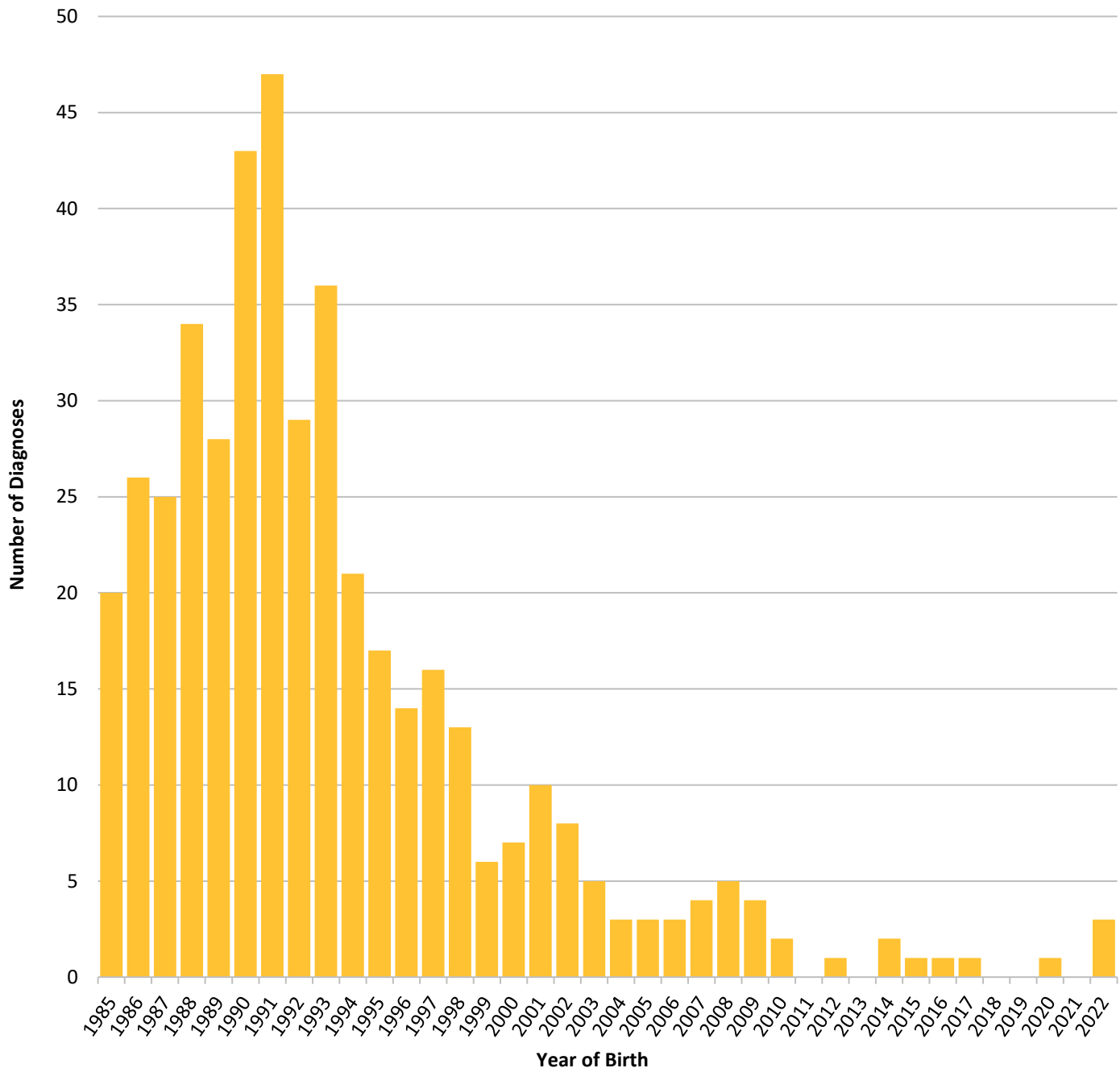
*2021 deaths among AIDS diagnoses are preliminary.

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	25	2	1	0	--
1985	20	7	5	1	9
1986	26	8	6	4	13
1987	25	15	10	5	23
1988	34	24	15	4	43
1989	28	29	19	5	67
1990	43	38	18	5	100
1991	47	41	26	8	132
1992	29	50	29	9	173
1993	36	46	25	12	207
1994	21	30	19	12	225
1995	17	18	15	12	230
1996	14	20	11	14	238
1997	16	10	6	6	242
1998	13	15	10	3	253
1999	6	14	7	4	262
2000	7	9	2	0	271
2001	10	9	8	3	276
2002	8	4	4	4	277
2003	5	2	2	2	276
2004	3	5	4	3	279
2005	3	1	1	0	281
2006	3	5	4	2	285
2007	4	31	7	4	311
2008	5	8	7	3	316
2009	4	6	4	2	321
2010	2	1	7	4	318
2011	0	1	6	5	315
2012	1	2	3	3	314
2013	0	1	9	2	314
2014	2	3	3	0	318
2015	1	0	2	3	316
2016	1	1	5	3	312
2017	1	1	2	3	310
2018	0	2	5	2	310
2019	0	0	3	1	309
2020	1	1	0	1	309
2021	0	0	2	2	307
2022	3	4	2	2	309
Total	464	464	314	158	--

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
Anne Arundel	2	12.5%
Baltimore City	8	50.0%
Baltimore	3	18.8%
Carroll	0	0.0%
Harford	1	6.3%
Howard	2	12.5%
Queen Anne’s	0	0.0%
Total	16	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	6	37.5%
Male	10	62.5%
Race/Ethnicity		
Hispanic	1	6.3%
Non-Hispanic	15	93.8%
American Indian/Alaska Native, only	0	0.0%
Asian, only	1	6.3%
Black, only	10	62.5%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	3	18.8%
Multiracial/Another Race	1	6.3%
Total	16	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.