

2022

SOUTHERN 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.

Maryland Department of Health Non-Discrimination Statement

The Maryland Department of Health (MDH) complies with applicable Federal civil rights laws and does not discriminate on the basis of race, color, national origin, age, disability in its health programs and activities.

English

Help is available in your language: 410-767-5227 (TTY: 800-735-2258). These services are available for free.

Español/Spanish

Hay ayuda disponible en su idioma: 410-767-5227 (TTY: 800-735-2258). Estos servicios están disponibles gratis.

中文/Chinese

用您的语言为您提供帮助: 410-767-5227 (TTY: 800-735-2258). 这些服务都是免费的

Suggested Citation

Southern 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/Southern-Region-Annual-HIV-Epidemiological-Profile-2022.pdf>

Additional Information and Reporting Instructions

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

Email: mdh.hivdatarequest@maryland.gov

Table of Contents

Section I – Summary of Analyses and Technical Notes	5
Section II – Trends 1985-2022	9
Figure 1 – Trends in HIV and AIDS Diagnoses and Deaths, among Residents at Diagnosis, 1985-2022, Reported through June 30, 2023.....	9
Figure 2 – Trends in People Living with Diagnosed HIV, among Residents at Diagnosis, 1985-2022, Reported through June 30, 2023.....	10
Figure 3 – Trends in People Aged 13+ Living with Diagnosed HIV, among Current Residents, 2013-2022, Reported through June 30, 2023.....	10
Figure 4 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Assigned Sex at Birth, 1985-2022, Reported through June 30, 2023.....	12
Figure 5 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Race/Ethnicity, 1985-2022, Reported through June 30, 2023.....	14
Figure 6 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Age at HIV Diagnosis, 1985-2022, Reported through June 30, 2023.....	16
Figure 7 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Estimated Exposure Category, 1985-2022, Reported through June 30, 2023	18
Section III – Continuum of Care Cascades	20
Figure 8 – Prevalence-Based Estimated 2022 HIV Continuum of Care Cascades, among Current Southern Region Residents Aged 13+, Reported through June 30, 2023	20
Figure 9 – Diagnosis-Based Estimated 2022 HIV Continuum of Care Cascades, among Current Southern Region Residents Aged 13+, Reported through June 30, 2023	21
Section IV – By Jurisdiction	22
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	22
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.....	22
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.....	22
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.....	23
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.....	23
Section V – By Age	24
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.....	24
Table 7 – People Living with Diagnosed HIV, Alive on December 31, 2022, by Age on December 31, 2022, Reported through June 30, 2023.....	25
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	25
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	26
Section VI – By Demographics	27

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	27
Table 11 – HIV Diagnoses, among People Aged 13+ during 2022 by Assigned Sex at Birth and Race/Ethnicity, Reported through June 30, 2023	28
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	29
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	30
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	31
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	32
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	33
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	34
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	35
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	36
Section VII – By HIV Exposure Category.....	37
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	37
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	38
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	39
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	40
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...	40
Section VIII – Disease Progression and Mortality.....	41
Figure 10 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2021, Reported through June 30, 2023....	41
Figure 11 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2021, Reported through June 30, 2023	43
Section IX – Pediatrics	45
Figure 12 – Trends in HIV Diagnoses among People Aged <13, 1985-2022, Reported through June 30, 2023.....	45
Table 25 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2022, by Jurisdiction of Current Residence, Reported through June 30, 2023	47
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	47
Glossary of Terms	48

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 30 reported HIV diagnoses in the Southern Region. The Southern Region includes Calvert County, Charles County, and Saint Mary's County. Data presented below describe HIV diagnoses in the Southern Region, among people ages 13 years and older, during 2022.

- Geographic distribution: Charles County accounted for the highest number (25, 83.3%) and the highest rate (17.6) of HIV diagnoses.
- Age: People aged 25-34 years accounted for the highest number (9, 30.0%) of HIV diagnoses and the highest rate (18.6).
- Assigned Sex at Birth: Males accounted for the highest number (21, 70.0%) of HIV diagnoses. The rate among males was 13.5 and 5.6 among females.
- Race/Ethnicity: Non-Hispanic Black people accounted for the highest number (25, 83.3%) and the highest rate (25.1).
- Exposure Category: Male-to-male sexual contact accounted for the highest number (18, 59.7%) of diagnoses.

People Living with Diagnosed HIV

At the end of 2022, there were 998 people living with diagnosed HIV in the Southern Region. Data presented below describe people living with diagnosed HIV, aged 13 years and older, in the Southern Region.

- Geographic distribution: Charles County accounted for the highest number (697, 69.8%) of people living with diagnosed HIV and the highest rate (489.7).
- Age: People aged 50-59 years accounted for the highest number (284, 28.5%) of people living with diagnosed HIV and the highest rate (514.0).
- Assigned Sex at Birth: Males accounted for the highest number (676, 67.7%) of people living with diagnosed HIV. The rate among males was 433.7 and 198.9 among females.
- Race/Ethnicity: Non-Hispanic Black people accounted for the highest number (746, 74.7%) of the people living with diagnosed HIV and the highest rate (750.0).
- Exposure Category: Male-to-male sexual contact accounted for the highest number (476, 47.7%) of the total people living with diagnosed HIV.

Engagement in HIV Care

- HIV diagnosed: Among people living with HIV in the Southern Region, it is estimated that 87.6 percent have been diagnosed and an estimated 141 people with HIV remain undiagnosed.
- Linked to care: During 2022, 83.3 percent of reported HIV diagnoses were linked to HIV care within one month of their HIV diagnosis.
- Retained in care: Among people living with HIV, 71.3 percent were retained in care during 2022.
- Viral suppression: In 2022, 58.5 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.

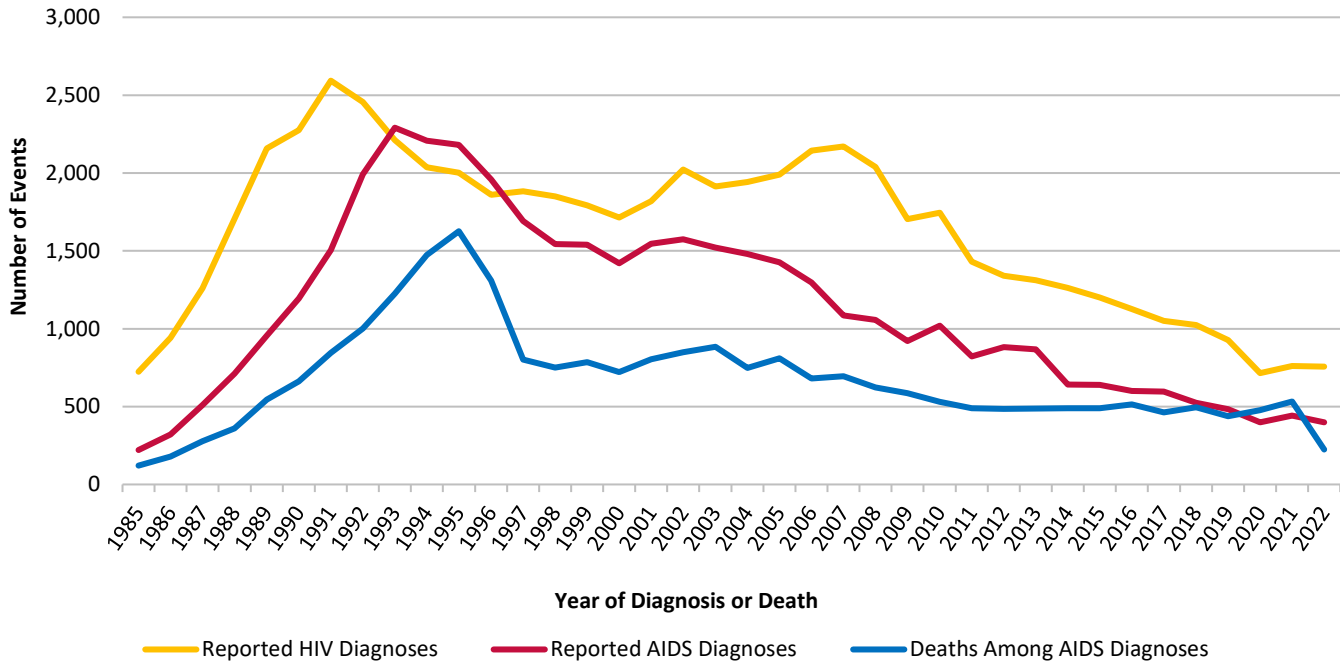
Multiple Imputation

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

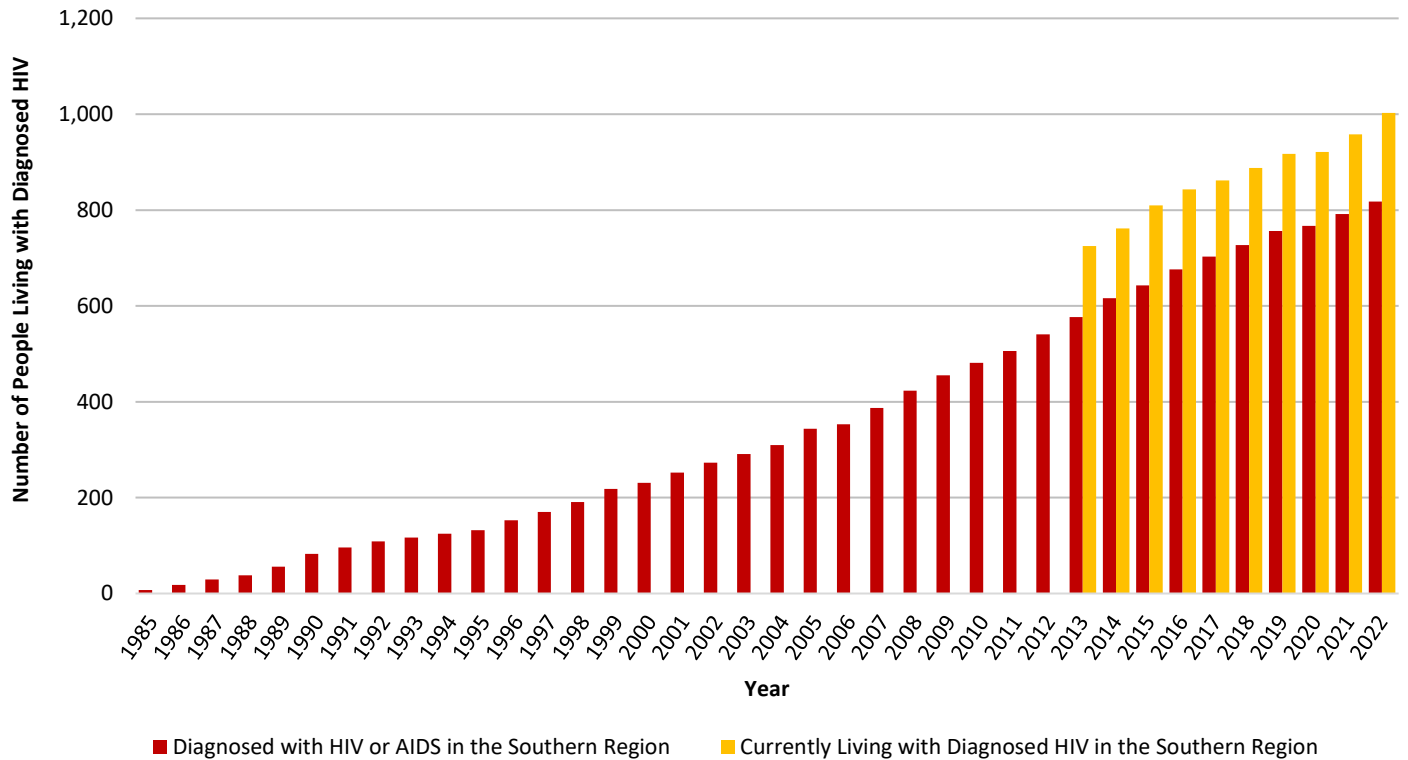


Year of Diagnosis or Death	HIV Diagnoses	AIDS Diagnoses	Deaths Among AIDS Diagnoses	Year of Diagnosis or Death	HIV Diagnoses	AIDS Diagnoses	Deaths Among AIDS Diagnoses
<1985	2	1	1	2004	33	16	7
1985	6	1	0	2005	47	21	12
1986	11	5	2	2006	29	27	14
1987	16	6	4	2007	48	20	11
1988	15	8	5	2008	39	27	3
1989	22	15	5	2009	42	18	9
1990	34	13	7	2010	39	18	11
1991	23	11	11	2011	29	12	3
1992	26	27	12	2012	49	21	9
1993	20	23	11	2013	41	20	5
1994	28	21	16	2014	53	26	11
1995	34	21	24	2015	33	14	4
1996	34	30	10	2016	38	15	5
1997	24	22	9	2017	34	23	5
1998	25	26	8	2018	31	13	6
1999	32	17	3	2019	43	15	11
2000	23	16	5	2020	27	14	12
2001	30	18	3	2021*	35	14	9
2002	32	19	11	2022*	30	14	2
2003	32	20	10	Total	1,189	668	306

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

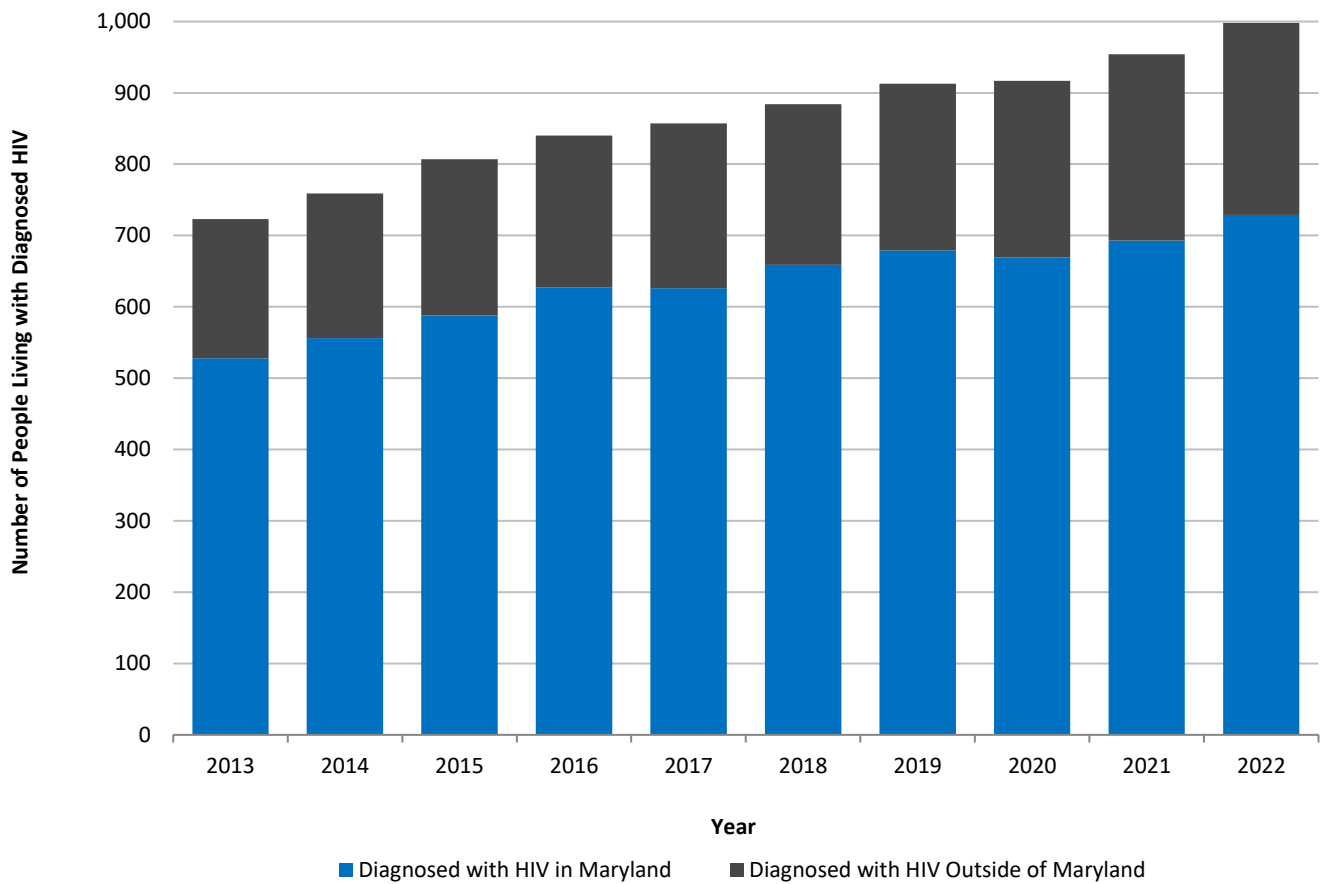


Year	People Living with Diagnosed HIV		Year	People Living with Diagnosed HIV	
	Diagnosed with HIV or AIDS in the Southern Region	Current Residents		Diagnosed with HIV or AIDS in the Southern Region	Current Residents
1985	7	--	2004	310	--
1986	18	--	2005	344	--
1987	29	--	2006	353	--
1988	38	--	2007	387	--
1989	56	--	2008	423	--
1990	83	--	2009	455	--
1991	96	--	2010	481	--
1992	109	--	2011	506	--
1993	117	--	2012	541	--
1994	125	--	2013	577	725
1995	132	--	2014	616	762
1996	153	--	2015	643	810
1997	170	--	2016	676	843
1998	191	--	2017	703	862
1999	218	--	2018	727	888
2000	231	--	2019	756	917
2001	252	--	2020	767	921
2002	273	--	2021	792	958
2003	291	--	2022	818	1,003

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

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

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

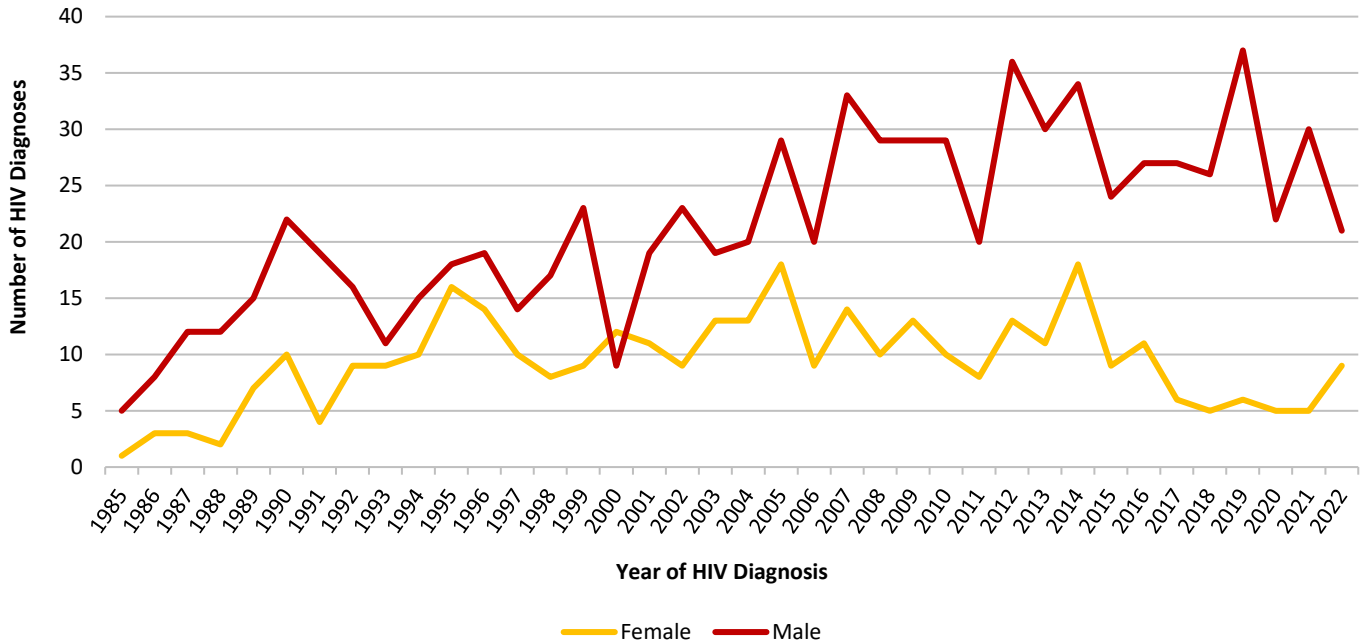


Year	Population Aged 13+	Southern Region Residents Aged 13+ as of December 31st of the Specified Year			
		Diagnosed with HIV in Maryland	Diagnosed with HIV Outside of Maryland	Total	Rate
2013	291,342	528	195	723	248.2
2014	294,126	556	203	759	258.1
2015	296,684	588	219	807	272.0
2016	299,642	627	213	840	280.3
2017	302,566	626	231	857	283.2
2018	305,737	659	225	884	289.1
2019	308,586	679	234	913	295.9
2020	312,033	669	248	917	293.9
2021	315,966	693	261	954	301.9
2022	317,813	729	269	998	314.0

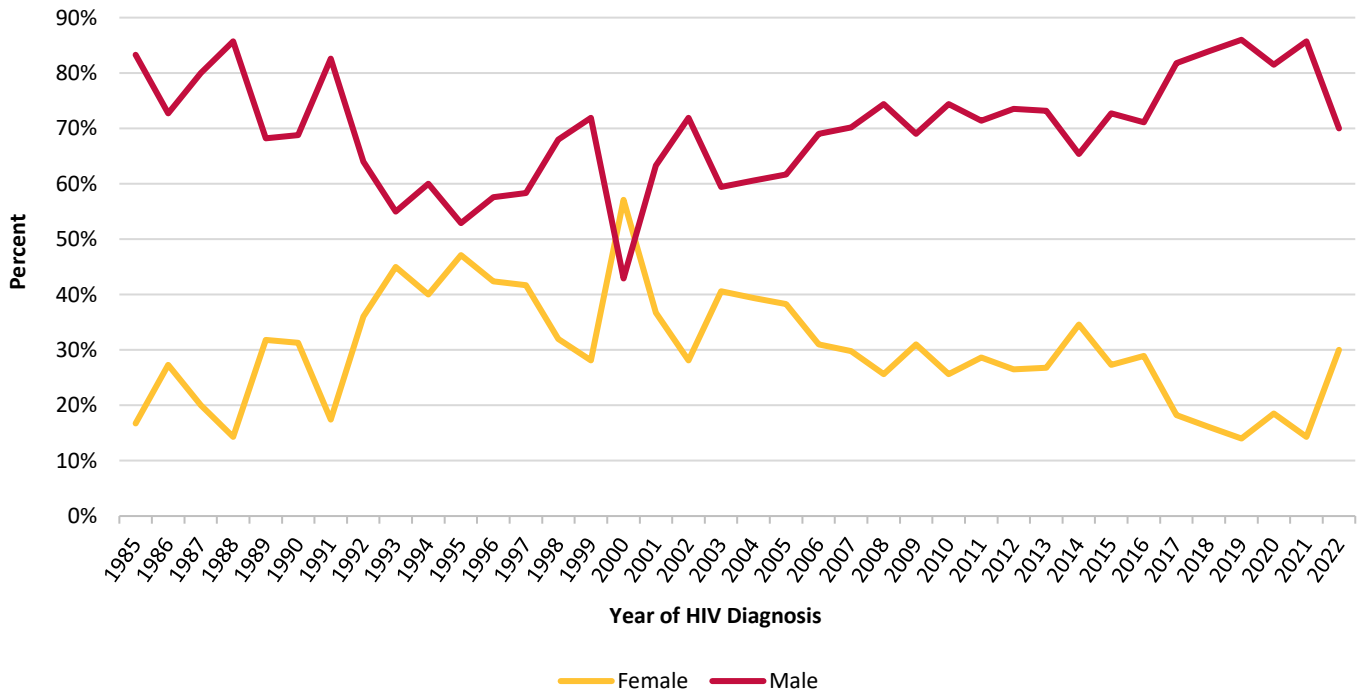
Figure 4 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Assigned Sex at Birth, 1985-2022, Reported through June 30, 2023

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



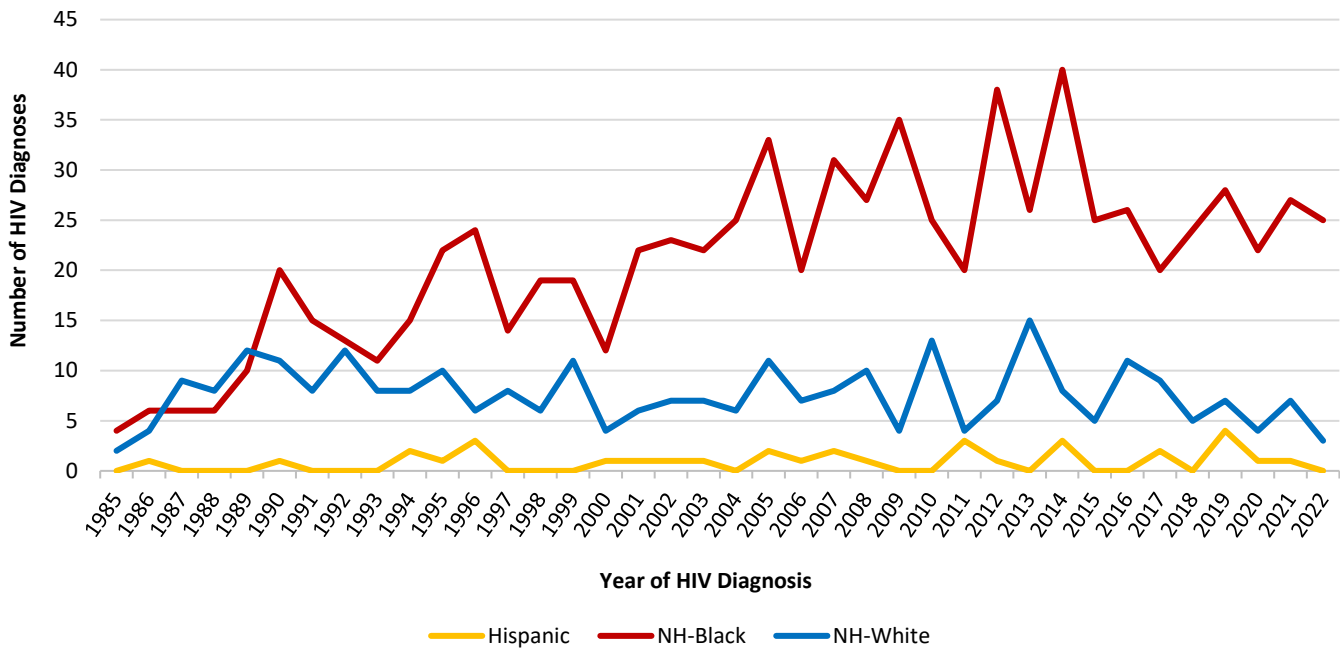
HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	Number	Assigned Sex at Birth			
		Female		Male	
		Number	Percent	Number	Percent
<1985	2	0	0.0%	2	100.0%
1985	6	1	16.7%	5	83.3%
1986	11	3	27.3%	8	72.7%
1987	15	3	20.0%	12	80.0%
1988	14	2	14.3%	12	85.7%
1989	22	7	31.8%	15	68.2%
1990	32	10	31.3%	22	68.8%
1991	23	4	17.4%	19	82.6%
1992	25	9	36.0%	16	64.0%
1993	20	9	45.0%	11	55.0%
1994	25	10	40.0%	15	60.0%
1995	34	16	47.1%	18	52.9%
1996	33	14	42.4%	19	57.6%
1997	24	10	41.7%	14	58.3%
1998	25	8	32.0%	17	68.0%
1999	32	9	28.1%	23	71.9%
2000	21	12	57.1%	9	42.9%
2001	30	11	36.7%	19	63.3%
2002	32	9	28.1%	23	71.9%
2003	32	13	40.6%	19	59.4%
2004	33	13	39.4%	20	60.6%
2005	47	18	38.3%	29	61.7%
2006	29	9	31.0%	20	69.0%
2007	47	14	29.8%	33	70.2%
2008	39	10	25.6%	29	74.4%
2009	42	13	31.0%	29	69.0%
2010	39	10	25.6%	29	74.4%
2011	28	8	28.6%	20	71.4%
2012	49	13	26.5%	36	73.5%
2013	41	11	26.8%	30	73.2%
2014	52	18	34.6%	34	65.4%
2015	33	9	27.3%	24	72.7%
2016	38	11	28.9%	27	71.1%
2017	33	6	18.2%	27	81.8%
2018	31	5	16.1%	26	83.9%
2019	43	6	14.0%	37	86.0%
2020	27	5	18.5%	22	81.5%
2021	35	5	14.3%	30	85.7%
2022	30	9	30.0%	21	70.0%
Total	1,174	353	30.1%	821	69.9%

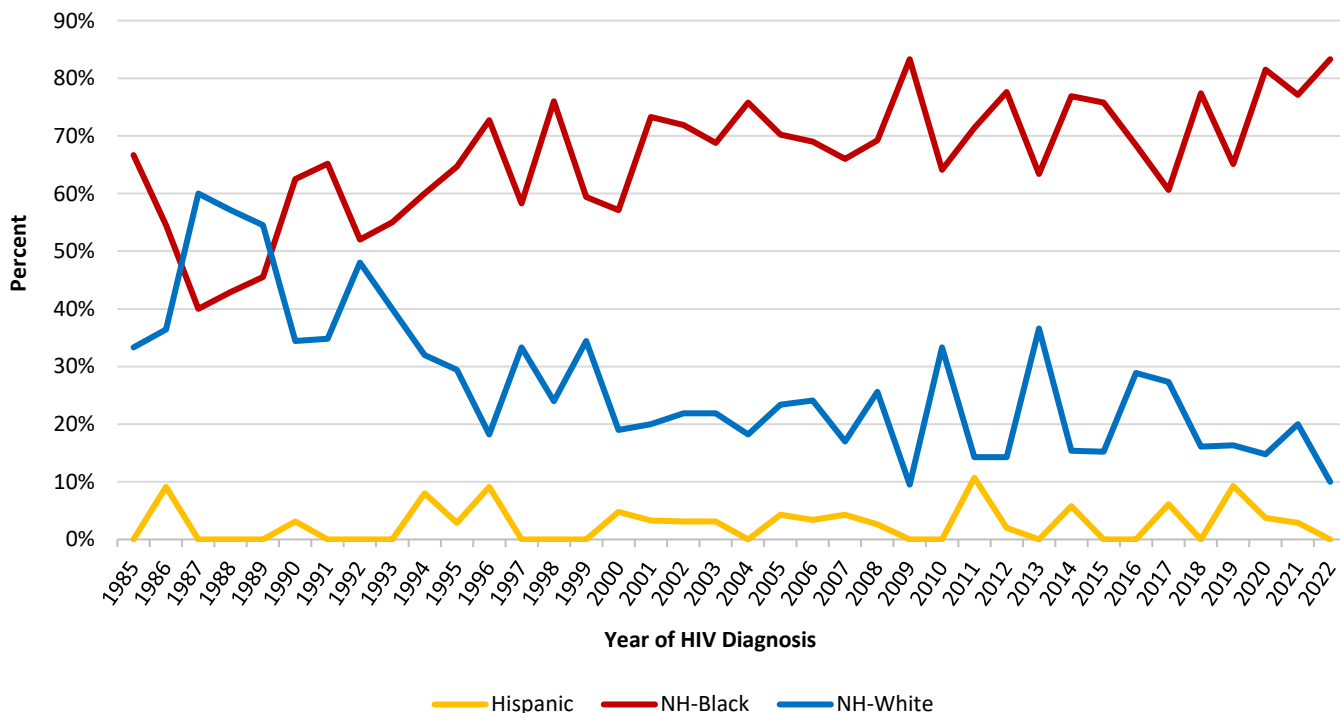
Figure 5 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Race/Ethnicity, 1985-2022, Reported through June 30, 2023

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

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

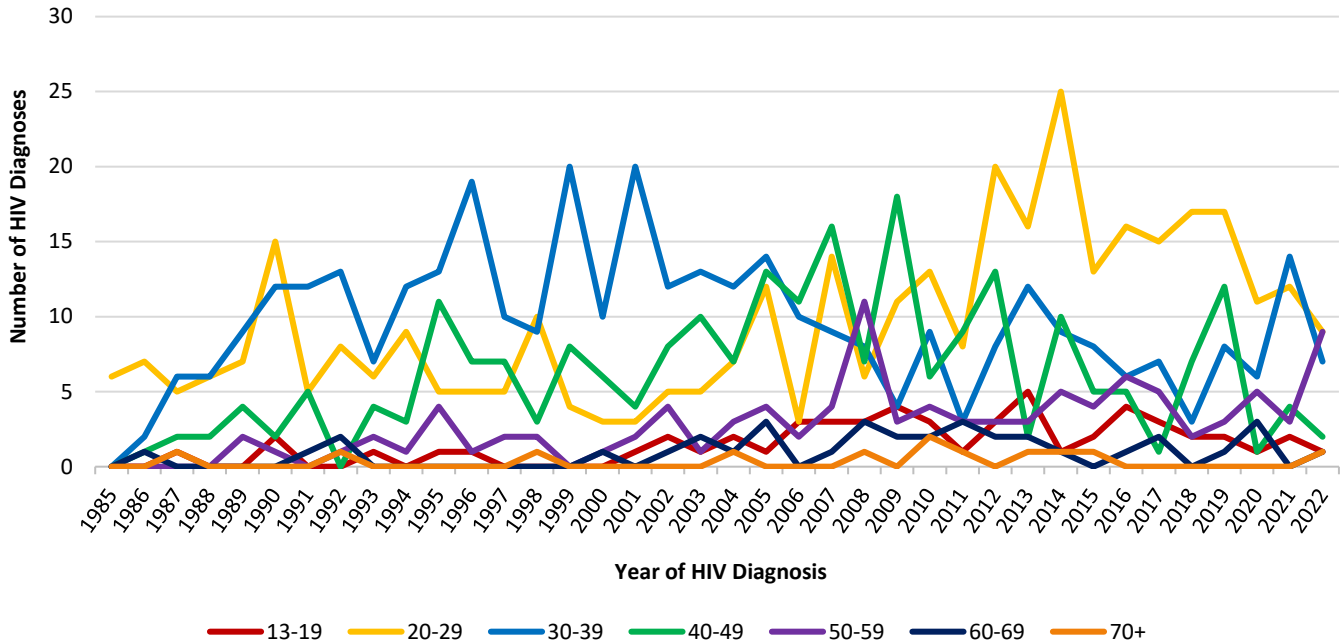
HIV Diagnoses among People Aged 13+

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	2	0	0.0%	1	50.0%	1	50.0%	0	0.0%
1985	6	0	0.0%	4	66.7%	2	33.3%	0	0.0%
1986	11	1	9.1%	6	54.5%	4	36.4%	0	0.0%
1987	15	0	0.0%	6	40.0%	9	60.0%	0	0.0%
1988	14	0	0.0%	6	42.9%	8	57.1%	0	0.0%
1989	22	0	0.0%	10	45.5%	12	54.5%	0	0.0%
1990	32	1	3.1%	20	62.5%	11	34.4%	0	0.0%
1991	23	0	0.0%	15	65.2%	8	34.8%	0	0.0%
1992	25	0	0.0%	13	52.0%	12	48.0%	0	0.0%
1993	20	0	0.0%	11	55.0%	8	40.0%	1	5.0%
1994	25	2	8.0%	15	60.0%	8	32.0%	0	0.0%
1995	34	1	2.9%	22	64.7%	10	29.4%	1	2.9%
1996	33	3	9.1%	24	72.7%	6	18.2%	0	0.0%
1997	24	0	0.0%	14	58.3%	8	33.3%	2	8.3%
1998	25	0	0.0%	19	76.0%	6	24.0%	0	0.0%
1999	32	0	0.0%	19	59.4%	11	34.4%	2	6.3%
2000	21	1	4.8%	12	57.1%	4	19.0%	4	19.0%
2001	30	1	3.3%	22	73.3%	6	20.0%	1	3.3%
2002	32	1	3.1%	23	71.9%	7	21.9%	1	3.1%
2003	32	1	3.1%	22	68.8%	7	21.9%	2	6.3%
2004	33	0	0.0%	25	75.8%	6	18.2%	2	6.1%
2005	47	2	4.3%	33	70.2%	11	23.4%	1	2.1%
2006	29	1	3.4%	20	69.0%	7	24.1%	1	3.4%
2007	47	2	4.3%	31	66.0%	8	17.0%	6	12.8%
2008	39	1	2.6%	27	69.2%	10	25.6%	1	2.6%
2009	42	0	0.0%	35	83.3%	4	9.5%	3	7.1%
2010	39	0	0.0%	25	64.1%	13	33.3%	1	2.6%
2011	28	3	10.7%	20	71.4%	4	14.3%	1	3.6%
2012	49	1	2.0%	38	77.6%	7	14.3%	3	6.1%
2013	41	0	0.0%	26	63.4%	15	36.6%	0	0.0%
2014	52	3	5.8%	40	76.9%	8	15.4%	1	1.9%
2015	33	0	0.0%	25	75.8%	5	15.2%	3	9.1%
2016	38	0	0.0%	26	68.4%	11	28.9%	1	2.6%
2017	33	2	6.1%	20	60.6%	9	27.3%	2	6.1%
2018	31	0	0.0%	24	77.4%	5	16.1%	2	6.5%
2019	43	4	9.3%	28	65.1%	7	16.3%	4	9.3%
2020	27	1	3.7%	22	81.5%	4	14.8%	0	0.0%
2021	35	1	2.9%	27	77.1%	7	20.0%	0	0.0%
2022	30	0	0.0%	25	83.3%	3	10.0%	2	6.7%
Total	1,174	33	2.8%	801	68.2%	292	24.9%	48	4.1%

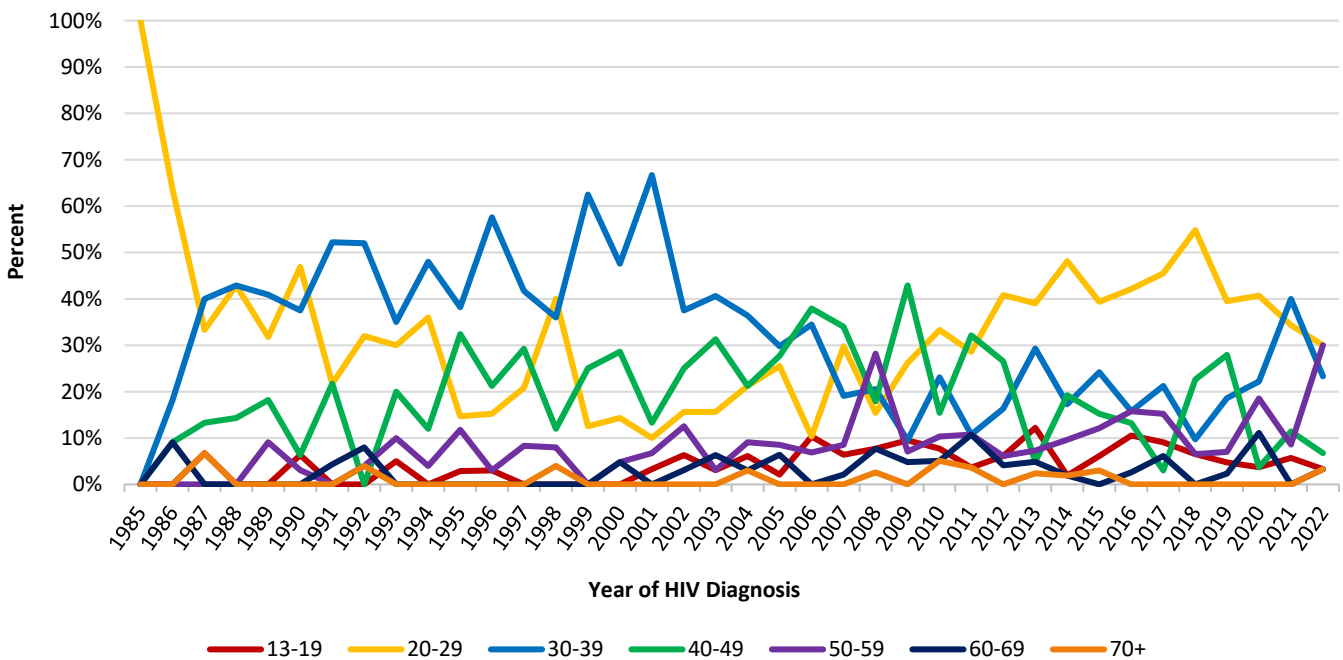
Figure 6 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Age at HIV Diagnosis, 1985-2022, Reported through June 30, 2023

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



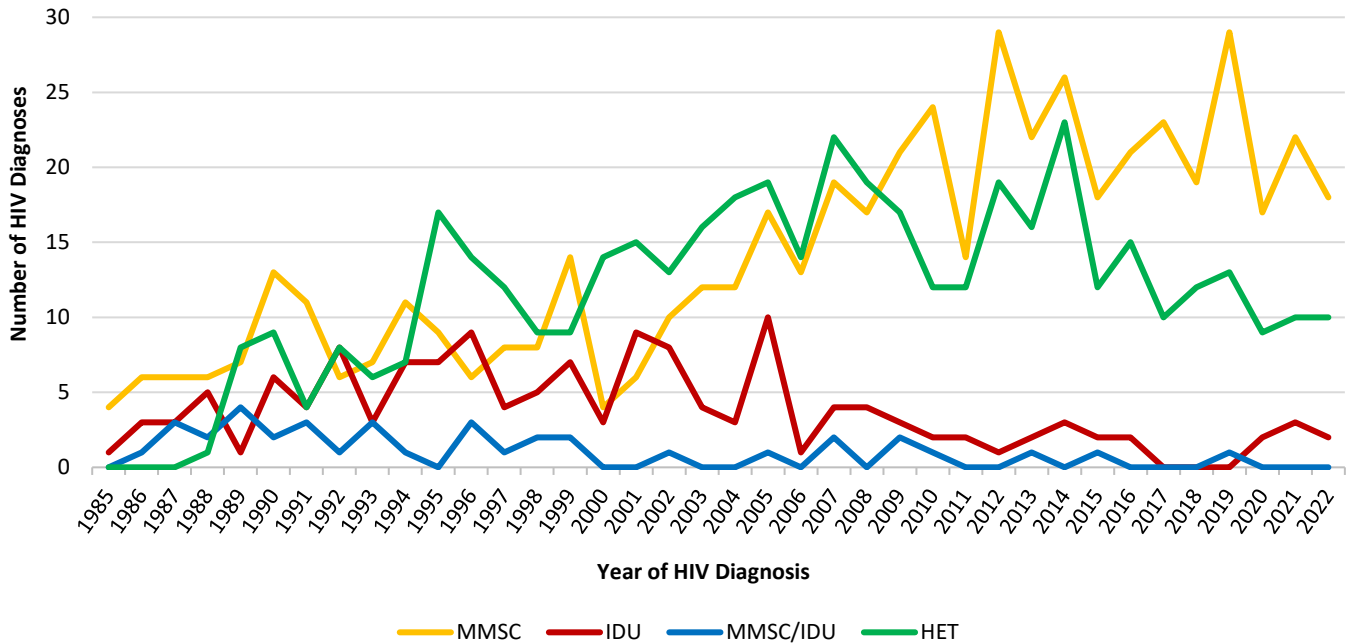
HIV Diagnoses among People Aged 13+

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	2	1	50.0%	0	0.0%	0	0.0%	1	50.0%	0	0.0%	0	0.0%	0	0.0%
1985	6	0	0.0%	6	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
1986	11	0	0.0%	7	63.6%	2	18.2%	1	9.1%	0	0.0%	1	9.1%	0	0.0%
1987	15	1	6.7%	5	33.3%	6	40.0%	2	13.3%	0	0.0%	0	0.0%	1	6.7%
1988	14	0	0.0%	6	42.9%	6	42.9%	2	14.3%	0	0.0%	0	0.0%	0	0.0%
1989	22	0	0.0%	7	31.8%	9	40.9%	4	18.2%	2	9.1%	0	0.0%	0	0.0%
1990	32	2	6.3%	15	46.9%	12	37.5%	2	6.3%	1	3.1%	0	0.0%	0	0.0%
1991	23	0	0.0%	5	21.7%	12	52.2%	5	21.7%	0	0.0%	1	4.3%	0	0.0%
1992	25	0	0.0%	8	32.0%	13	52.0%	0	0.0%	1	4.0%	2	8.0%	1	4.0%
1993	20	1	5.0%	6	30.0%	7	35.0%	4	20.0%	2	10.0%	0	0.0%	0	0.0%
1994	25	0	0.0%	9	36.0%	12	48.0%	3	12.0%	1	4.0%	0	0.0%	0	0.0%
1995	34	1	2.9%	5	14.7%	13	38.2%	11	32.4%	4	11.8%	0	0.0%	0	0.0%
1996	33	1	3.0%	5	15.2%	19	57.6%	7	21.2%	1	3.0%	0	0.0%	0	0.0%
1997	24	0	0.0%	5	20.8%	10	41.7%	7	29.2%	2	8.3%	0	0.0%	0	0.0%
1998	25	0	0.0%	10	40.0%	9	36.0%	3	12.0%	2	8.0%	0	0.0%	1	4.0%
1999	32	0	0.0%	4	12.5%	20	62.5%	8	25.0%	0	0.0%	0	0.0%	0	0.0%
2000	21	0	0.0%	3	14.3%	10	47.6%	6	28.6%	1	4.8%	1	4.8%	0	0.0%
2001	30	1	3.3%	3	10.0%	20	66.7%	4	13.3%	2	6.7%	0	0.0%	0	0.0%
2002	32	2	6.3%	5	15.6%	12	37.5%	8	25.0%	4	12.5%	1	3.1%	0	0.0%
2003	32	1	3.1%	5	15.6%	13	40.6%	10	31.3%	1	3.1%	2	6.3%	0	0.0%
2004	33	2	6.1%	7	21.2%	12	36.4%	7	21.2%	3	9.1%	1	3.0%	1	3.0%
2005	47	1	2.1%	12	25.5%	14	29.8%	13	27.7%	4	8.5%	3	6.4%	0	0.0%
2006	29	3	10.3%	3	10.3%	10	34.5%	11	37.9%	2	6.9%	0	0.0%	0	0.0%
2007	47	3	6.4%	14	29.8%	9	19.1%	16	34.0%	4	8.5%	1	2.1%	0	0.0%
2008	39	3	7.7%	6	15.4%	8	20.5%	7	17.9%	11	28.2%	3	7.7%	1	2.6%
2009	42	4	9.5%	11	26.2%	4	9.5%	18	42.9%	3	7.1%	2	4.8%	0	0.0%
2010	39	3	7.7%	13	33.3%	9	23.1%	6	15.4%	4	10.3%	2	5.1%	2	5.1%
2011	28	1	3.6%	8	28.6%	3	10.7%	9	32.1%	3	10.7%	3	10.7%	1	3.6%
2012	49	3	6.1%	20	40.8%	8	16.3%	13	26.5%	3	6.1%	2	4.1%	0	0.0%
2013	41	5	12.2%	16	39.0%	12	29.3%	2	4.9%	3	7.3%	2	4.9%	1	2.4%
2014	52	1	1.9%	25	48.1%	9	17.3%	10	19.2%	5	9.6%	1	1.9%	1	1.9%
2015	33	2	6.1%	13	39.4%	8	24.2%	5	15.2%	4	12.1%	0	0.0%	1	3.0%
2016	38	4	10.5%	16	42.1%	6	15.8%	5	13.2%	6	15.8%	1	2.6%	0	0.0%
2017	33	3	9.1%	15	45.5%	7	21.2%	1	3.0%	5	15.2%	2	6.1%	0	0.0%
2018	31	2	6.5%	17	54.8%	3	9.7%	7	22.6%	2	6.5%	0	0.0%	0	0.0%
2019	43	2	4.7%	17	39.5%	8	18.6%	12	27.9%	3	7.0%	1	2.3%	0	0.0%
2020	27	1	3.7%	11	40.7%	6	22.2%	1	3.7%	5	18.5%	3	11.1%	0	0.0%
2021	35	2	5.7%	12	34.3%	14	40.0%	4	11.4%	3	8.6%	0	0.0%	0	0.0%
2022	30	1	3.3%	9	30.0%	7	23.3%	2	6.7%	9	30.0%	1	3.3%	1	3.3%
Total	1,174	57	4.9%	364	31.0%	362	30.8%	237	20.2%	106	9.0%	36	3.1%	12	1.0%

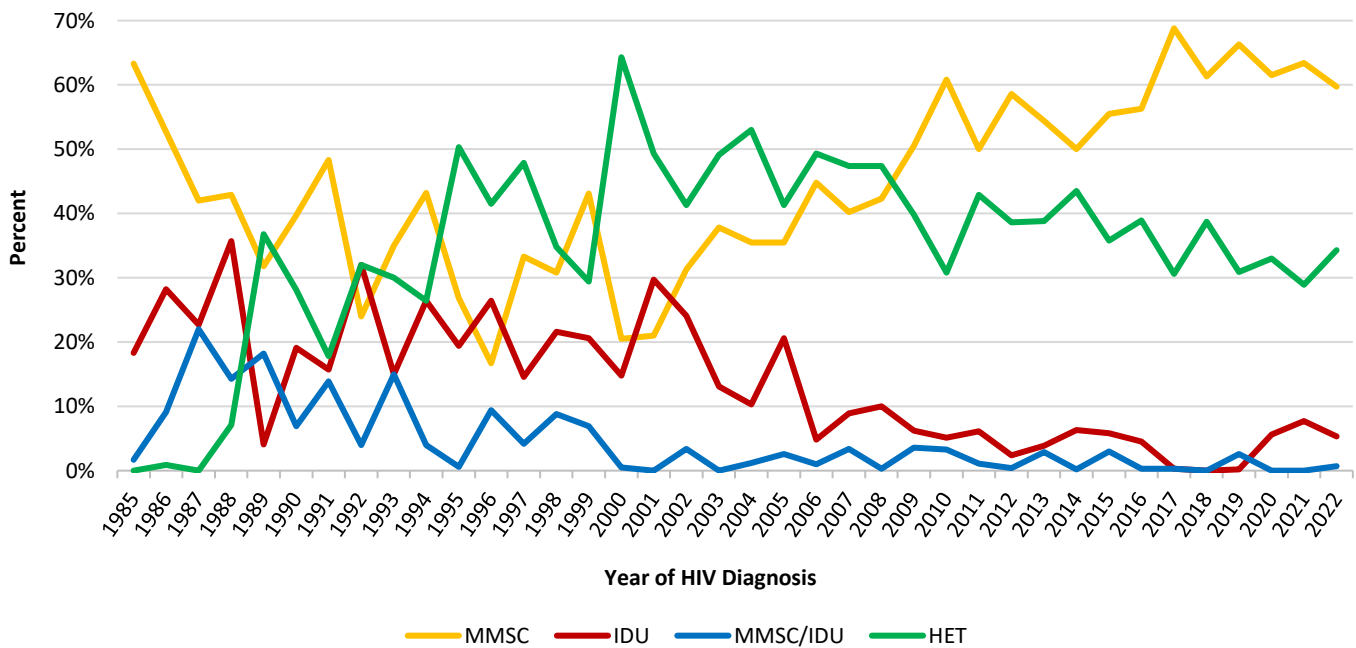
Figure 7 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Estimated Exposure Category, 1985-2022, Reported through June 30, 2023

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	2	0.0%	2	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
1985	6	16.7%	4	63.3%	1	18.3%	0	1.7%	0	0.0%	1	16.7%
1986	11	9.1%	6	52.7%	3	28.2%	1	9.1%	0	0.9%	1	9.1%
1987	15	13.3%	6	42.0%	3	22.7%	3	22.0%	0	0.0%	2	13.3%
1988	14	0.0%	6	42.9%	5	35.7%	2	14.3%	1	7.1%	0	0.0%
1989	22	4.5%	7	31.8%	1	4.1%	4	18.2%	8	36.8%	2	9.1%
1990	32	3.1%	13	39.7%	6	19.1%	2	6.9%	9	28.1%	2	6.3%
1991	23	8.7%	11	48.3%	4	15.7%	3	13.9%	4	17.8%	1	4.3%
1992	25	4.0%	6	24.0%	8	32.0%	1	4.0%	8	32.0%	2	8.0%
1993	20	0.0%	7	35.0%	3	15.0%	3	15.0%	6	30.0%	1	5.0%
1994	25	8.0%	11	43.2%	7	26.4%	1	4.0%	7	26.4%	0	0.0%
1995	34	8.8%	9	26.8%	7	19.4%	0	0.6%	17	50.3%	1	2.9%
1996	33	18.2%	6	16.7%	9	26.4%	3	9.4%	14	41.5%	2	6.1%
1997	24	4.2%	8	33.3%	4	14.6%	1	4.2%	12	47.9%	0	0.0%
1998	25	24.0%	8	30.8%	5	21.6%	2	8.8%	9	34.8%	1	4.0%
1999	32	15.6%	14	43.1%	7	20.6%	2	6.9%	9	29.4%	0	0.0%
2000	21	19.0%	4	20.5%	3	14.8%	0	0.5%	14	64.3%	0	0.0%
2001	30	16.7%	6	21.0%	9	29.7%	0	0.0%	15	49.3%	0	0.0%
2002	32	12.5%	10	31.3%	8	24.1%	1	3.4%	13	41.3%	0	0.0%
2003	32	18.8%	12	37.8%	4	13.1%	0	0.0%	16	49.1%	0	0.0%
2004	33	30.3%	12	35.5%	3	10.3%	0	1.2%	18	53.0%	0	0.0%
2005	47	21.3%	17	35.5%	10	20.6%	1	2.6%	19	41.3%	0	0.0%
2006	29	20.7%	13	44.8%	1	4.8%	0	1.0%	14	49.3%	0	0.0%
2007	47	36.2%	19	40.2%	4	8.9%	2	3.4%	22	47.4%	0	0.0%
2008	39	30.8%	17	42.3%	4	10.0%	0	0.3%	19	47.4%	0	0.0%
2009	42	59.5%	21	50.5%	3	6.2%	2	3.6%	17	39.8%	0	0.0%
2010	39	46.2%	24	60.8%	2	5.1%	1	3.3%	12	30.8%	0	0.0%
2011	28	39.3%	14	50.0%	2	6.1%	0	1.1%	12	42.9%	0	0.0%
2012	49	22.4%	29	58.6%	1	2.4%	0	0.4%	19	38.6%	0	0.0%
2013	41	24.4%	22	54.4%	2	3.9%	1	2.9%	16	38.8%	0	0.0%
2014	52	19.2%	26	50.0%	3	6.3%	0	0.2%	23	43.5%	0	0.0%
2015	33	9.1%	18	55.5%	2	5.8%	1	3.0%	12	35.8%	0	0.0%
2016	38	10.5%	21	56.3%	2	4.5%	0	0.3%	15	38.9%	0	0.0%
2017	33	9.1%	23	68.8%	0	0.3%	0	0.3%	10	30.6%	0	0.0%
2018	31	3.2%	19	61.3%	0	0.0%	0	0.0%	12	38.7%	0	0.0%
2019	43	7.0%	29	66.3%	0	0.2%	1	2.6%	13	30.9%	0	0.0%
2020	27	14.8%	17	61.5%	2	5.6%	0	0.0%	9	33.0%	0	0.0%
2021	35	14.3%	22	63.4%	3	7.7%	0	0.0%	10	28.9%	0	0.0%
2022	30	36.7%	18	59.7%	2	5.3%	0	0.7%	10	34.3%	0	0.0%
Total	1,174	19.2%	537	45.7%	143	12.2%	38	3.2%	444	37.8%	16	1.4%

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

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

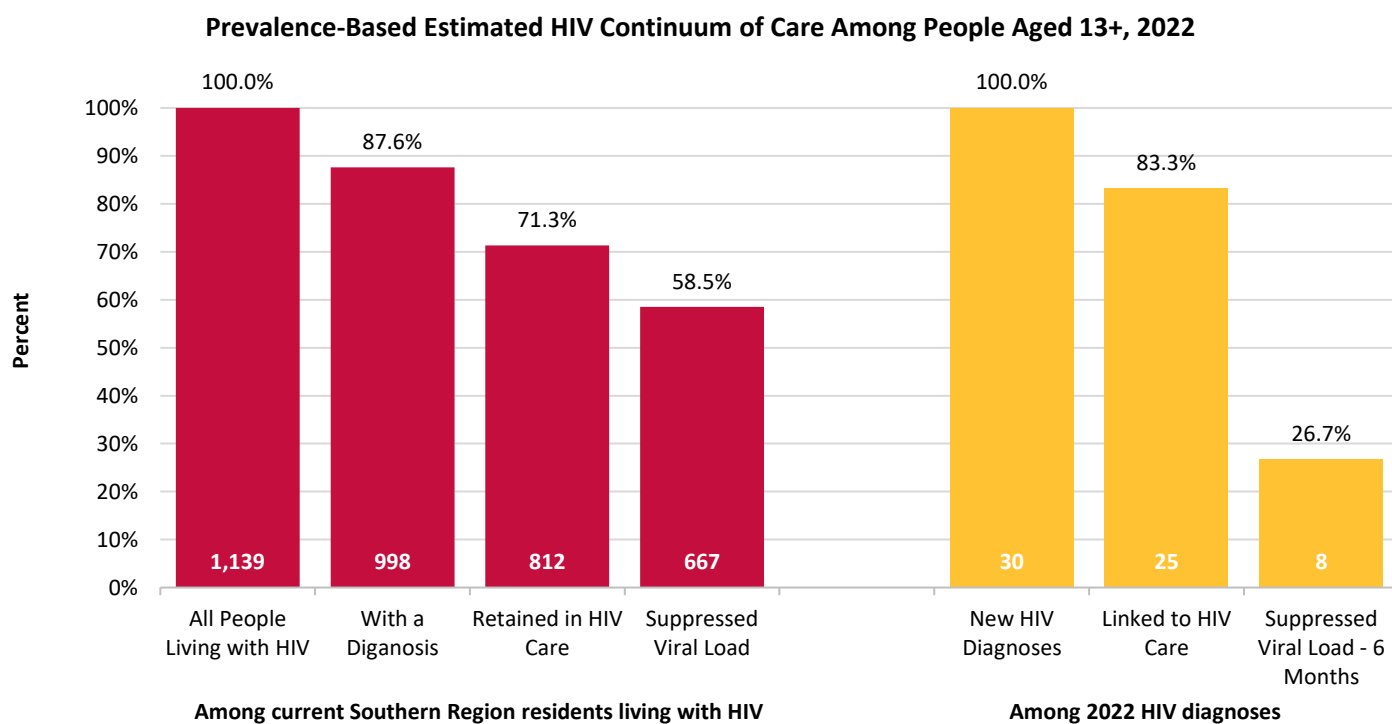
Note. Discrepancies in the table between total HIV diagnoses and the sums by exposure category are due to less than 1 percent of people missing transmission category after multiple imputation.

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 Southern Region Residents Aged 13+, Reported through June 30, 2023

The prevalence-based Southern 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 (12.4%) and the estimated number of people living with HIV currently residing in the Southern Region. Maryland surveillance data is then used to describe the number and percentage of people living with HIV in the Southern Region on December 31, 2022 and the number and percentage of new HIV diagnoses in 2022 who belong to each of the stages of engagement in HIV care.

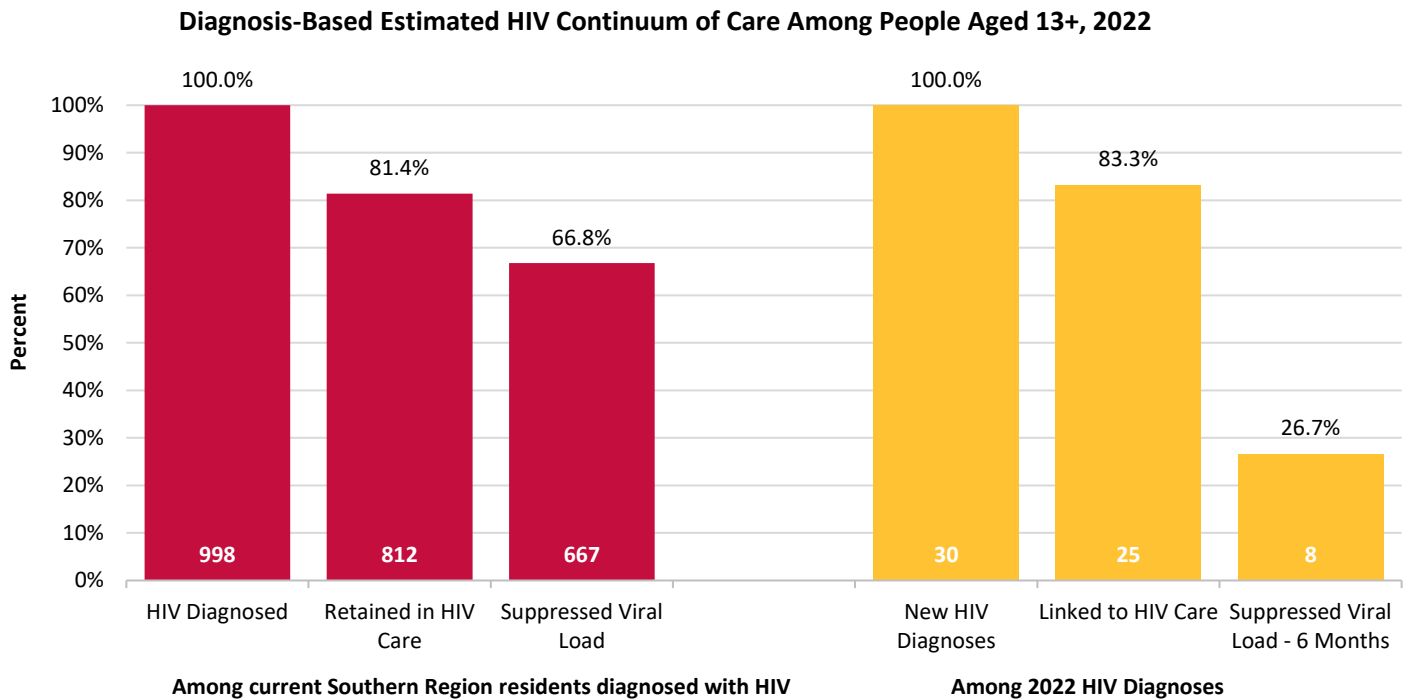


Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2022 HIV Diagnoses	
	Number	Percent		Number	Percent
All People Living with HIV	1,139	100.0%	New HIV Diagnoses	30	100.0%
With a Diagnosis	998	87.6%	Linked to HIV Care	25	83.3%
Retained in HIV Care	812	71.3%	Suppressed Viral Load – 6 Months	8	26.7%
Suppressed Viral Load	667	58.5%			

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 Southern Region Residents Aged 13+, Reported through June 30, 2023

The diagnosis-based Southern Region Engagement in HIV Care Cascade (below) uses Maryland surveillance data for current Southern Region residents to describe the number and percentage of people living with diagnosed HIV in the Southern 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	998	100.0%	New HIV Diagnoses	30	100.0%
Retained in HIV Care	812	81.4%	Linked to HIV Care	25	83.3%
Suppressed Viral Load	667	66.8%	Suppressed Viral Load – 6 Months	8	26.7%

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
Calvert	79,743	1	3.3%	1.3	2	14.3%	2.5
Charles	142,343	25	83.3%	17.6	8	57.1%	5.6
Saint Mary's	95,727	4	13.3%	4.2	4	28.6%	4.2
Total	317,813	30	100.0%	9.4	14	100.0%	4.4

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
Calvert	1	***	***	***	***	***
Charles	25	84.0%	28.0%	20.0%	92.0%	412
Saint Mary's	4	***	***	***	***	***
Total	30	83.3%	26.7%	30.0%	93.3%	302

*** 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)	
Calvert	79,743	118	14.5%	148.0	676	142	14.2%	178.1	562	20.3%
Charles	142,343	548	67.2%	385.0	260	697	69.8%	489.7	204	27.2%
Saint Mary's	95,727	149	18.3%	155.7	642	159	15.9%	166.1	602	6.7%
Total	317,813	815	100.0%	256.4	390	998	100.0%	314.0	318	22.5%

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

Jurisdiction of Current Residence	Total People Aged 13+ Living with Diagnosed HIV								
	No.	Recent CD4 Test Result				<200	200-349	350-499	500+
		No. with Test	% with Test	Median Count					
Calvert	142	119	83.8%	674	6.7%	12.6%	9.2%	71.4%	
Charles	697	543	77.9%	680	6.8%	9.2%	14.2%	69.8%	
Saint Mary's	159	134	84.3%	662	6.0%	10.4%	17.2%	66.4%	
Total	998	796	79.8%	676	6.7%	9.9%	13.9%	69.5%	

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		
Calvert	142	118	83.1%	89.8%	1,065	
Charles	697	494	70.9%	90.9%	8,090	
Saint Mary's	159	132	83.0%	84.8%	3,545	
Total	998	744	74.5%	89.7%	3,610	

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)	21,518	0	0.0%	0.0	--	--	--	--	--
5-12 (Pediatric)	40,221	0	0.0%	0.0	--	--	--	--	--
13-19	36,224	1	3.3%	2.8	***	***	***	***	***
20-29	46,381	9	30.0%	19.4	88.9%	***	***	88.9%	297
30-39	51,700	7	23.3%	13.5	71.4%	***	***	100.0%	171
40-49	47,862	2	6.7%	4.2	***	***	***	***	***
50-59	55,248	9	30.0%	16.3	88.9%	***	***	100.0%	430
60-69	43,593	1	3.3%	2.3	***	***	***	***	***
70+	36,805	1	3.3%	2.7	***	***	***	***	***
Total	379,552	30	100.0%	7.9	83.3%	26.7%	30.0%	93.3%	302
Alternate Age Categories									
13-24	59,613	6	20.0%	10.1	100.0%	***	***	83.3%	507
25-34	48,265	9	30.0%	18.6	66.7%	***	66.7%	88.9%	147
35-44	51,507	3	10.0%	5.8	***	***	***	***	***
45-54	49,452	6	20.0%	12.1	100.0%	***	0.0%	100.0%	469
55-64	53,461	5	16.7%	9.4	***	***	***	100.0%	326
65+	55,515	1	3.3%	1.8	***	***	***	***	***
Total	317,813	30	100.0%	9.4	83.3%	26.7%	30.0%	93.3%	302

*** 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)	21,518	0	0.0%	0.0	--
5-12 (Pediatric)	40,221	5	0.5%	12.4	8,044
13-19	36,224	2	0.2%	5.5	18,112
20-29	46,381	79	7.9%	170.3	587
30-39	51,700	226	22.5%	437.1	229
40-49	47,862	199	19.8%	415.8	241
50-59	55,248	284	28.3%	514.0	195
60-69	43,593	168	16.7%	385.4	259
70+	36,805	40	4.0%	108.7	920
Total	379,552	1,003	100.0%	264.3	378

Alternate Age Categories

13-24	59,613	24	2.4%	40.3	2,484
25-34	48,265	160	16.0%	331.5	302
35-44	51,507	226	22.6%	438.8	228
45-54	49,452	221	22.1%	446.9	224
55-64	53,461	271	27.2%	506.9	197
65+	55,515	96	9.6%	172.9	578
Total	317,813	998	100.0%	314.0	318

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	2	***	***	***	***	***	***	***
20-29	79	59	74.7%	634	11.9%	11.9%	13.6%	62.7%
30-39	226	169	74.8%	709	5.9%	8.9%	13.0%	72.2%
40-49	199	148	74.4%	679	4.7%	7.4%	13.5%	74.3%
50-59	284	240	84.5%	670	7.9%	8.8%	14.6%	68.8%
60-69	168	147	87.5%	680	4.8%	12.9%	13.6%	68.7%
70+	40	***	***	***	***	***	***	***
Total	998	796	79.8%	676	6.7%	9.9%	13.9%	69.5%

Alternate Age Categories

13-24	24	17	70.8%	542	11.8%	5.9%	29.4%	52.9%
25-34	160	119	74.4%	669	7.6%	9.2%	13.4%	69.7%
35-44	226	168	74.3%	679	6.0%	8.9%	11.3%	73.8%
45-54	221	177	80.1%	692	5.6%	8.5%	16.4%	69.5%
55-64	271	238	87.8%	679	7.6%	10.9%	11.8%	69.7%
65+	96	77	80.2%	590	5.2%	14.3%	18.2%	62.3%
Total	998	796	79.8%	676	6.7%	9.9%	13.9%	69.5%

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

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

Age on December 31, 2022	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
13-19	2	***	***	***	***
20-29	79	55	69.6%	70.9%	3,415
30-39	226	163	72.1%	87.7%	26,950
40-49	199	137	68.8%	92.0%	88,300
50-59	284	221	77.8%	88.7%	1,240
60-69	168	136	81.0%	97.1%	790
70+	40	***	***	***	***
Total	998	744	74.5%	89.7%	3,610
Alternate Age Categories					
13-24	24	16	66.7%	75.0%	91,599
25-34	160	113	70.6%	84.1%	6,385
35-44	226	159	70.4%	87.4%	26,950
45-54	221	166	75.1%	90.4%	5,840
55-64	271	215	79.3%	92.6%	1,135
65+	96	75	78.1%	96.0%	550
Total	998	744	74.5%	89.7%	3,610

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

Section VI – By Demographics

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

Demographic Characteristics	Population Aged 13+	HIV Diagnoses among People Aged 13+							First CD4 Test Result	
		No.	% of Total	Rate	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	% with Test	Median Count	
Assigned Sex at Birth										
Female	161,931	9	30.0%	5.6	77.8%	***	***	100.0%	412	
Male	155,882	21	70.0%	13.5	85.7%	***	***	90.5%	247	
Gender Identity										
Cisgender Man or Boy	155,882	21	70.0%	13.5	85.7%	***	***	90.5%	247	
Cisgender Woman or Girl	161,931	9	30.0%	5.6	77.8%	***	***	100.0%	412	
Transgender Man or Boy	--	0	0.0%	0.0	--	--	--	--	--	
Transgender Woman or Girl	--	0	0.0%	0.0	--	--	--	--	--	
Another Gender Identity	--	0	0.0%	0.0	--	--	--	--	--	
Race/Ethnicity										
Hispanic	18,302	0	0.0%	0.0	--	--	--	--	--	
Non-Hispanic	299,511	30	100.0%	10.0	83.3%	26.7%	30.0%	93.3%	302	
American Indian/Alaska Native, only	1,483	0	0.0%	0.0	--	--	--	--	--	
Asian, only	9,443	0	0.0%	0.0	--	--	--	--	--	
Black, only	99,465	25	83.3%	25.1	80.0%	28.0%	32.0%	92.0%	249	
Native Hawaiian/Other Pacific Islander, only	312	0	0.0%	0.0	--	--	--	--	--	
White, only	180,143	3	10.0%	1.7	***	***	***	***	***	
Multiracial/Another Race	8,665	2	6.7%	23.1	***	***	***	***	***	
Total	317,813	30	100.0%	9.4	83.3%	26.7%	30.0%	93.3%	302	
Country of Birth										
United States	286,152	26	86.7%	9.1	80.8%	26.9%	34.6%	96.2%	326	
Foreign-Born	18,395	2	6.7%	10.9	***	***	***	***	***	
Africa	--	2	6.7%	--	***	***	***	***	***	
Asia	--	0	0.0%	--	--	--	--	--	--	
Caribbean	--	0	0.0%	--	--	--	--	--	--	
Central America	--	0	0.0%	--	--	--	--	--	--	
Other	--	0	0.0%	--	--	--	--	--	--	
Unknown	--	2	6.7%	--	***	***	***	***	***	
Total	304,547	30	100.0%	9.9	83.3%	26.7%	30.0%	93.3%	302	

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	8,984	0	0.0%	0.0	9,317	0	0.0%	0.0
Non-Hispanic	152,946	9	100.0%	5.9	146,565	21	100.0%	14.3
American Indian/Alaska Native, only	751	0	0.0%	0.0	731	0	0.0%	0.0
Asian, only	5,334	0	0.0%	0.0	4,109	0	0.0%	0.0
Black, only	52,446	8	88.9%	15.3	47,018	17	81.0%	36.2
Native Hawaiian/Other Pacific Islander, only	153	0	0.0%	0.0	159	0	0.0%	0.0
White, only	89,757	0	0.0%	0.0	90,386	3	14.3%	3.3
Multiracial/Another Race	4,504	1	11.1%	22.2	4,161	1	4.8%	24.0
Total	161,931	9	100.0%	5.6	155,882	21	100.0%	13.5

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	161,931	322	32.3%	198.9	503
Male	155,882	676	67.7%	433.7	231
Gender Identity					
Cisgender Man or Boy	155,882	662	66.3%	424.7	235
Cisgender Woman or Girl	161,931	322	32.3%	198.9	503
Transgender Man or Boy	--	0	0.0%	--	--
Transgender Woman or Girl	--	14	1.4%	--	--
Another Gender Identity	--	0	0.0%	--	--
Race/Ethnicity					
Hispanic	18,302	32	3.2%	174.8	572
Non-Hispanic	299,511	966	96.8%	322.5	310
American Indian/Alaska Native, only	1,483	0	0.0%	0.0	--
Asian, only	9,443	8	0.8%	84.7	1,180
Black, only	99,465	746	74.7%	750.0	133
Native Hawaiian/Other Pacific Islander, only	312	0	0.0%	0.0	--
White, only	180,143	177	17.7%	98.3	1,018
Multiracial/Another Race	8,665	35	3.5%	403.9	248
Total	317,813	998	100.0%	314.0	318
Country of Birth					
United States	286,152	927	92.9%	324.0	309
Foreign-Born	18,395	43	4.3%	233.8	428
Africa	--	23	2.3%	--	--
Asia	--	5	0.5%	--	--
Caribbean	--	2	0.2%	--	--
Central America	--	8	0.8%	--	--
Other	--	5	0.5%	--	--
Unknown	--	28	2.8%	--	--
Total	304,547	998	100.0%	327.7	305

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	8,984	6	1.9%	66.8	9,317	26	3.8%	279.0
Non-Hispanic	152,946	316	98.1%	206.6	146,565	650	96.2%	443.5
American Indian/Alaska Native, only	751	0	0.0%	0.0	731	0	0.0%	0.0
Asian, only	5,334	3	0.9%	56.2	4,109	5	0.7%	121.7
Black, only	52,446	264	82.0%	503.4	47,018	482	71.3%	1,025.1
Native Hawaiian/Other Pacific Islander, only	153	0	0.0%	0.0	159	0	0.0%	0.0
White, only	89,757	33	10.2%	36.8	90,386	144	21.3%	159.3
Multiracial/Another Race	4,504	16	5.0%	355.2	4,161	19	2.8%	456.6
Total	161,931	322	100.0%	198.9	155,882	676	100.0%	433.7

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

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

Demographic Characteristics	Total People Aged 13+ Living with Diagnosed HIV							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Assigned Sex at Birth								
Female	322	260	80.7%	723	6.2%	8.8%	9.6%	75.4%
Male	676	536	79.3%	649	6.9%	10.4%	16.0%	66.6%
Gender Identity								
Cisgender Man or Boy	662	525	79.3%	650	7.0%	10.7%	16.0%	66.3%
Cisgender Woman or Girl	322	260	80.7%	723	6.2%	8.8%	9.6%	75.4%
Transgender Man or Boy	0	--	--	--	--	--	--	--
Transgender Woman or Girl	14	11	78.6%	648	0.0%	0.0%	18.2%	81.8%
Another Gender Identity	0	--	--	--	--	--	--	--
Race/Ethnicity								
Hispanic	32	26	81.3%	709	3.8%	7.7%	3.8%	84.6%
Non-Hispanic	966	770	79.7%	675	6.8%	10.0%	14.3%	69.0%
American Indian/Alaska Native, only	0	--	--	--	--	--	--	--
Asian, only	8	6	75.0%	469	0.0%	16.7%	50.0%	33.3%
Black, only	746	586	78.6%	658	7.5%	10.4%	14.3%	67.7%
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--	--	--	--
White, only	177	148	83.6%	731	4.1%	10.1%	14.2%	71.6%
Multiracial/Another Race	35	30	85.7%	826	6.7%	0.0%	6.7%	86.7%
Country of Birth								
United States	927	748	80.7%	678	6.8%	10.2%	13.9%	69.1%
Foreign-Born	43	30	69.8%	603	6.7%	6.7%	10.0%	76.7%
Africa	23	15	65.2%	630	6.7%	6.7%	6.7%	80.0%
Asia	5	***	***	***	***	***	***	***
Caribbean	2	***	***	***	***	***	***	***
Central America	8	6	75.0%	609	16.7%	0.0%	0.0%	83.3%
Other	5	5	100.0%	560	0.0%	20.0%	20.0%	60.0%
Unknown	28	18	64.3%	675	0.0%	5.6%	22.2%	72.2%
Total	998	796	79.8%	676	6.7%	9.9%	13.9%	69.5%

*** 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	322	237	73.6%	89.5%	470
Male	676	507	75.0%	89.7%	6,431
Gender Identity					
Cisgender Man or Boy	662	496	74.9%	89.7%	8,090
Cisgender Woman or Girl	322	237	73.6%	89.5%	470
Transgender Man or Boy	0	--	--	--	--
Transgender Woman or Girl	14	11	78.6%	90.9%	3,480
Another Gender Identity	0	--	--	--	--
Race/Ethnicity					
Hispanic	32	25	78.1%	96.0%	1,240
Non-Hispanic	966	719	74.4%	89.4%	3,965
American Indian/Alaska Native, only	0	--	--	--	--
Asian, only	8	5	62.5%	100.0%	--
Black, only	746	540	72.4%	88.0%	4,772
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--
White, only	177	145	81.9%	94.5%	920
Multiracial/Another Race	35	29	82.9%	89.7%	9,490
Country of Birth					
United States	927	698	75.3%	89.5%	3,610
Foreign-Born	43	29	67.4%	93.1%	780
Africa	23	14	60.9%	92.9%	320
Asia	5	***	***	***	***
Caribbean	2	***	***	***	***
Central America	8	6	75.0%	83.3%	1,240
Other	5	5	100.0%	100.0%	--
Unknown	28	17	60.7%	88.2%	39,200
Total	998	744	74.5%	89.7%	3,610

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

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

Age on December 31, 2022		Total Females Living with Diagnosed HIV				Total Females by Age Group
		Race/Ethnicity				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race	
<13 (Pediatric)	Population	3,063	9,339	14,734	3,079	30,214
	Number	0	2	0	0	2
	Rate	0.0	21.4	0.0	0.0	6.6
	Ratio (1 in X)	--	4,669	--	--	15,107
13-19	Population	1,470	5,844	8,638	1,726	17,679
	Number	0	0	0	0	0
	Rate	0.0	0.0	0.0	0.0	0.0
	Ratio (1 in X)	--	--	--	--	--
20-29	Population	1,641	7,541	11,430	1,840	22,452
	Number	0	10	0	1	11
	Rate	0.0	132.6	0.0	54.3	49.0
	Ratio (1 in X)	--	754	--	1,840	2,041
30-39	Population	2,011	8,779	13,499	1,680	25,969
	Number	1	36	5	7	49
	Rate	49.7	410.1	37.0	416.7	188.7
	Ratio (1 in X)	2,011	244	2,700	240	530
40-49	Population	1,689	8,717	12,409	1,732	24,547
	Number	0	61	10	3	74
	Rate	0.0	699.8	80.6	173.2	301.5
	Ratio (1 in X)	--	143	1,241	577	332
50-59	Population	1,120	9,844	15,716	1,606	28,286
	Number	***	95	11	***	113
	Rate	***	965.1	70.0	***	399.5
	Ratio (1 in X)	***	104	1,429	***	250
60-69	Population	627	6,555	13,949	1,192	22,323
	Number	***	47	5	***	58
	Rate	***	717.0	35.8	***	259.8
	Ratio (1 in X)	***	139	2,790	***	385
70+	Population	426	5,166	14,116	967	20,675
	Number	0	15	2	0	17
	Rate	0.0	290.4	14.2	0.0	82.2
	Ratio (1 in X)	--	344	7,058	--	1,216
Total Females by Race/Ethnicity	Population	12,047	61,785	104,491	13,822	192,145
	Number	6	266	33	19	324
	Rate	49.8	430.5	31.6	137.5	168.6
	Ratio (1 in X)	2,008	232	3,166	727	593

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

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

Age on December 31, 2022		Total Females Living with Diagnosed HIV				Total Females by Age Group
		Race/Ethnicity				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race	
13-24	Population	2,291	9,622	14,353	2,729	28,996
	Number	0	3	0	1	4
	Rate	0.0	31.2	0.0	36.6	13.8
	Ratio (1 in X)	--	3,207	--	2,729	7,249
25-34	Population	1,775	8,098	12,195	1,645	23,713
	Number	1	20	3	3	27
	Rate	56.3	247.0	24.6	182.4	113.9
	Ratio (1 in X)	1,775	405	4,065	548	878
35-44	Population	2,008	8,766	13,557	1,771	26,102
	Number	0	53	5	5	63
	Rate	0.0	604.6	36.9	282.3	241.4
	Ratio (1 in X)	--	165	2,711	354	414
45-54	Population	1,326	9,429	13,231	1,676	25,662
	Number	1	77	10	6	94
	Rate	75.4	816.6	75.6	358.0	366.3
	Ratio (1 in X)	1,326	122	1,323	279	273
55-64	Population	905	8,591	16,008	1,433	26,937
	Number	***	86	12	***	102
	Rate	***	1,001.0	75.0	***	378.7
	Ratio (1 in X)	***	100	1,334	***	264
65+	Population	679	7,940	20,413	1,489	30,521
	Number	***	25	3	***	32
	Rate	***	314.9	14.7	***	104.8
	Ratio (1 in X)	***	318	6,804	***	954
Total Females by Race/Ethnicity	Population	8,984	52,446	89,757	10,743	161,931
	Number	6	264	33	19	322
	Rate	66.8	503.4	36.8	176.9	198.9
	Ratio (1 in X)	1,497	199	2,720	565	503

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

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

Age on December 31, 2022		Total Males Living with Diagnosed HIV				Total Males by Age Group
		Race/Ethnicity				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race	
<13 (Pediatric)	Population	3,146	9,738	15,449	3,192	31,525
	Number	0	3	0	0	3
	Rate	0.0	30.8	0.0	0.0	9.5
	Ratio (1 in X)	--	3,246	--	--	10,508
13-19	Population	1,576	6,026	9,068	1,875	18,545
	Number	1	1	0	0	2
	Rate	63.4	16.6	0.0	0.0	10.8
	Ratio (1 in X)	1,576	6,026	--	--	9,273
20-29	Population	1,754	7,491	12,742	1,942	23,929
	Number	3	57	7	1	68
	Rate	171.0	760.9	54.9	51.5	284.2
	Ratio (1 in X)	585	131	1,820	1,942	352
30-39	Population	2,160	8,225	13,930	1,416	25,731
	Number	6	142	24	5	177
	Rate	277.8	1,726.4	172.3	353.1	687.9
	Ratio (1 in X)	360	58	580	283	145
40-49	Population	1,887	7,430	12,724	1,274	23,315
	Number	9	77	31	8	125
	Rate	476.9	1,036.3	243.6	627.9	536.1
	Ratio (1 in X)	210	96	410	159	187
50-59	Population	1,071	8,868	15,872	1,151	26,962
	Number	5	125	35	6	171
	Rate	466.9	1,409.6	220.5	521.3	634.2
	Ratio (1 in X)	214	71	453	192	158
60-69	Population	590	5,687	14,145	848	21,270
	Number	***	66	39	***	110
	Rate	***	1,160.5	275.7	***	517.2
	Ratio (1 in X)	***	86	363	***	193
70+	Population	279	3,291	11,905	655	16,130
	Number	***	14	8	***	23
	Rate	***	425.4	67.2	***	142.6
	Ratio (1 in X)	***	235	1,488	***	701
Total Males by Race/Ethnicity	Population	12,463	56,756	105,835	12,353	187,407
	Number	25	484	144	24	677
	Rate	200.6	852.8	136.1	194.3	361.2
	Ratio (1 in X)	499	117	735	515	277

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

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

Age on December 31, 2022		Total Males Living with Diagnosed HIV				Total Males by Age Group
		Race/Ethnicity				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race	
13-24	Population	2,452	9,879	15,312	2,974	30,617
	Number	2	17	1	0	20
	Rate	81.6	172.1	6.5	0.0	65.3
	Ratio (1 in X)	1,226	581	15,312	--	1,531
25-34	Population	1,839	7,896	13,212	1,605	24,552
	Number	4	112	15	2	133
	Rate	217.5	1,418.4	113.5	124.6	541.7
	Ratio (1 in X)	460	71	881	803	185
35-44	Population	2,291	7,742	14,045	1,327	25,405
	Number	9	115	30	9	163
	Rate	392.8	1,485.4	213.6	678.2	641.6
	Ratio (1 in X)	255	67	468	147	156
45-54	Population	1,426	8,090	13,069	1,205	23,790
	Number	5	93	24	5	127
	Rate	350.6	1,149.6	183.6	414.9	533.8
	Ratio (1 in X)	285	87	545	241	187
55-64	Population	802	7,861	16,838	1,023	26,524
	Number	***	104	53	***	169
	Rate	***	1,323.0	314.8	***	637.2
	Ratio (1 in X)	***	76	318	***	157
65+	Population	507	5,550	17,910	1,027	24,994
	Number	***	41	21	***	64
	Rate	***	738.7	117.3	***	256.1
	Ratio (1 in X)	***	135	853	***	391
Total Males by Race/Ethnicity	Population	9,317	47,018	90,386	9,161	155,882
	Number	26	482	144	24	676
	Rate	279.0	1,025.1	159.3	262.0	433.7
	Ratio (1 in X)	358	98	628	382	231

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

Section VII – By HIV Exposure Category

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

Estimated or Reported Exposure Category	HIV Diagnoses among People Aged 13+					First CD4 Test Result	
	No.	% of Total	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	% with Test	Median Count
Male-to-male Sexual Contact (MMSC)	18	59.7%	86.0%	70.0%	31.8%	88.8%	277
Injection Drug Use (IDU)	2	5.3%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	0	0.0%	--	--	--	--	--
Heterosexual Contact (HET)	10	34.3%	***	***	***	***	***
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	30	100.0%	83.3%	53.3%	30.0%	93.3%	302
Female Estimated or Reported Exposure Category							
Injection Drug Use (IDU)	1	15.6%	***	***	***	***	***
Heterosexual Contact (HET)	8	84.4%	***	***	***	***	***
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	9	100.0%	77.8%	20.0%	22.2%	100.0%	412
Male Estimated or Reported Exposure Category							
Male-to-male Sexual Contact (MMSC)	18	85.2%	***	***	***	***	***
Injection Drug Use (IDU)	0	0.0%	--	--	--	--	--
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	0	0.0%	--	--	--	--	--
Heterosexual Contact (HET)	3	12.9%	***	***	***	***	***
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	21	100.0%	85.7%	70.0%	33.3%	90.5%	247

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)	476	47.7%
Injection Drug Use (IDU)	80	8.0%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	24	2.4%
Heterosexual Contact (HET)	409	41.0%
Perinatal Transmission	7	0.7%
Other Exposure	1	0.1%
No Estimated or Reported Exposure	1	0.1%
Total	998	100.0%

Female Estimated or Reported Exposure Category		
Injection Drug Use (IDU)	38	11.9%
Heterosexual Contact (HET)	280	86.9%
Perinatal Transmission	3	0.9%
Other Exposure	1	0.3%
No Estimated or Reported Exposure	0	0.0%
Total	322	100.0%

Male Estimated or Reported Exposure Category		
Male-to-male Sexual Contact (MMSC)	476	70.4%
Injection Drug Use (IDU)	42	6.2%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	24	3.5%
Heterosexual Contact (HET)	129	19.1%
Perinatal Transmission	4	0.6%
Other Exposure	0	0.0%
No Estimated or Reported Exposure	1	0.1%
Total	676	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)	16	48.8%	326	43.7%	118	66.8%
Injection Drug Use (IDU)	2	7.2%	60	8.0%	14	8.1%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	0	0.3%	16	2.1%	7	4.0%
Heterosexual Contact (HET)	14	43.8%	336	45.1%	36	20.6%
Perinatal Transmission	0	0.0%	6	0.8%	1	0.6%
Other Exposure	0	0.0%	1	0.1%	0	0.0%
No Estimated or Reported Exposure	0	0.0%	1	0.1%	0	0.0%
Total	32	100.0%	746	100.0%	176	100.0%
Female Estimated or Reported Exposure Category						
Injection Drug Use (IDU)	1	16.7%	26	9.7%	9	27.9%
Heterosexual Contact (HET)	5	83.3%	234	88.8%	24	72.1%
Perinatal Transmission	0	0.0%	3	1.1%	0	0.0%
Other Exposure	0	0.0%	1	0.4%	0	0.0%
No Estimated or Reported Exposure	0	0.0%	0	0.0%	0	0.0%
Total	6	100.0%	264	100.0%	33	100.0%
Male Estimated or Reported Exposure Category						
Male-to-male Sexual Contact (MMSC)	16	60.0%	326	67.6%	118	82.1%
Injection Drug Use (IDU)	1	5.0%	34	7.1%	5	3.5%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	0	0.4%	16	3.3%	7	4.9%
Heterosexual Contact (HET)	9	34.6%	102	21.2%	13	8.8%
Perinatal Transmission	0	0.0%	3	0.6%	1	0.7%
Other Exposure	0	0.0%	0	0.0%	0	0.0%
No Estimated or Reported Exposure	0	0.0%	1	0.2%	0	0.0%
Total	26	100.0%	482	100.0%	144	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)	476	373	78.3%	686	4.8%	11.0%	14.0%	70.2%
Injection Drug Use (IDU)	80	64	80.6%	591	14.1%	12.1%	14.8%	59.0%
Male-to-male Sexual Contact and Injection Drug Use (MMSA/IDU)	24	18	76.2%	631	13.7%	7.7%	22.5%	56.0%
Heterosexual Contact (HET)	409	336	82.1%	678	6.4%	8.5%	13.5%	71.6%
Perinatal Transmission	7	***	***	***	***	***	***	***
Other Exposure	1	***	***	***	***	***	***	***
No Estimated or Reported Exposure	1	***	***	***	***	***	***	***
Total	998	796	79.8%	676	6.7%	9.9%	13.9%	69.5%

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

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

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

Estimated or Reported Exposure Category	Total People Aged 13+ with Living Diagnosed HIV				
	No.	Recent Viral Load Test Results			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
Male-to-male Sexual Contact (MMSA)	476	357	75.1%	89.1%	9,729
Injection Drug Use (IDU)	80	59	74.3%	89.4%	1,980
Male-to-male Sexual Contact and Injection Drug Use (MMSA/IDU)	24	17	70.7%	91.7%	4,680
Heterosexual Contact (HET)	409	305	74.6%	90.0%	690
Perinatal Transmission	7	***	***	***	***
Other Exposure	1	***	***	***	***
No Estimated or Reported Exposure	1	***	***	***	***
Total	998	744	74.5%	89.7%	3,610

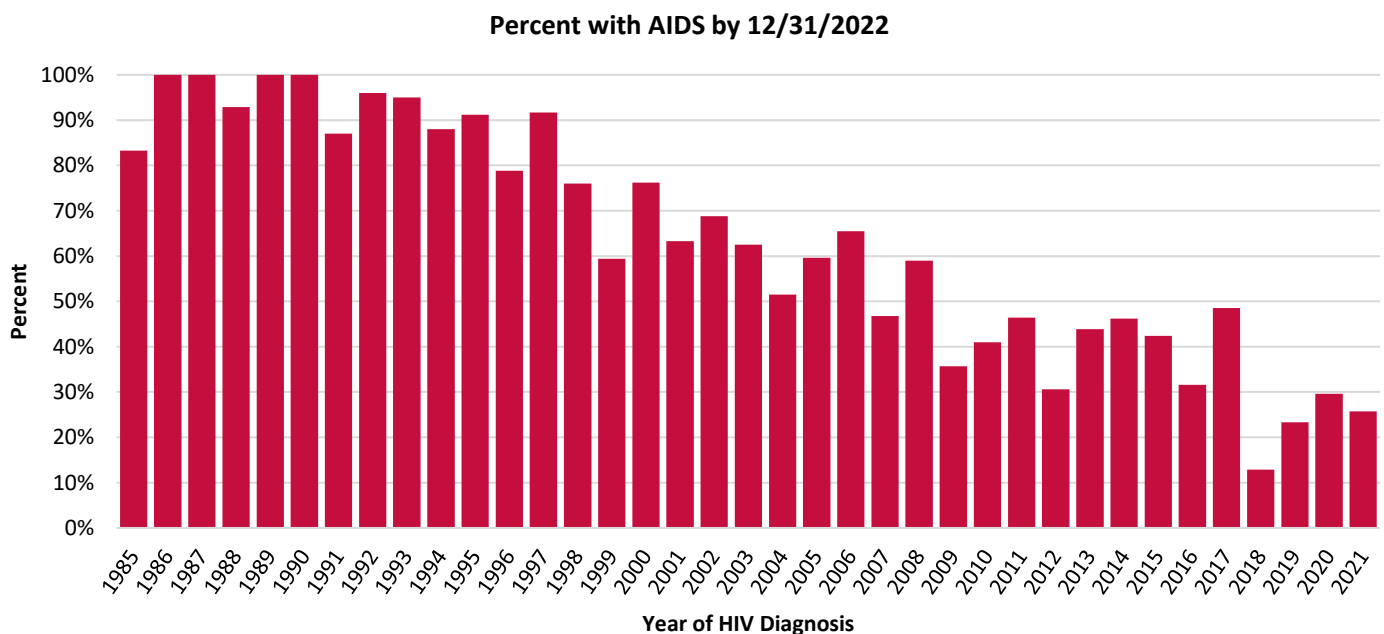
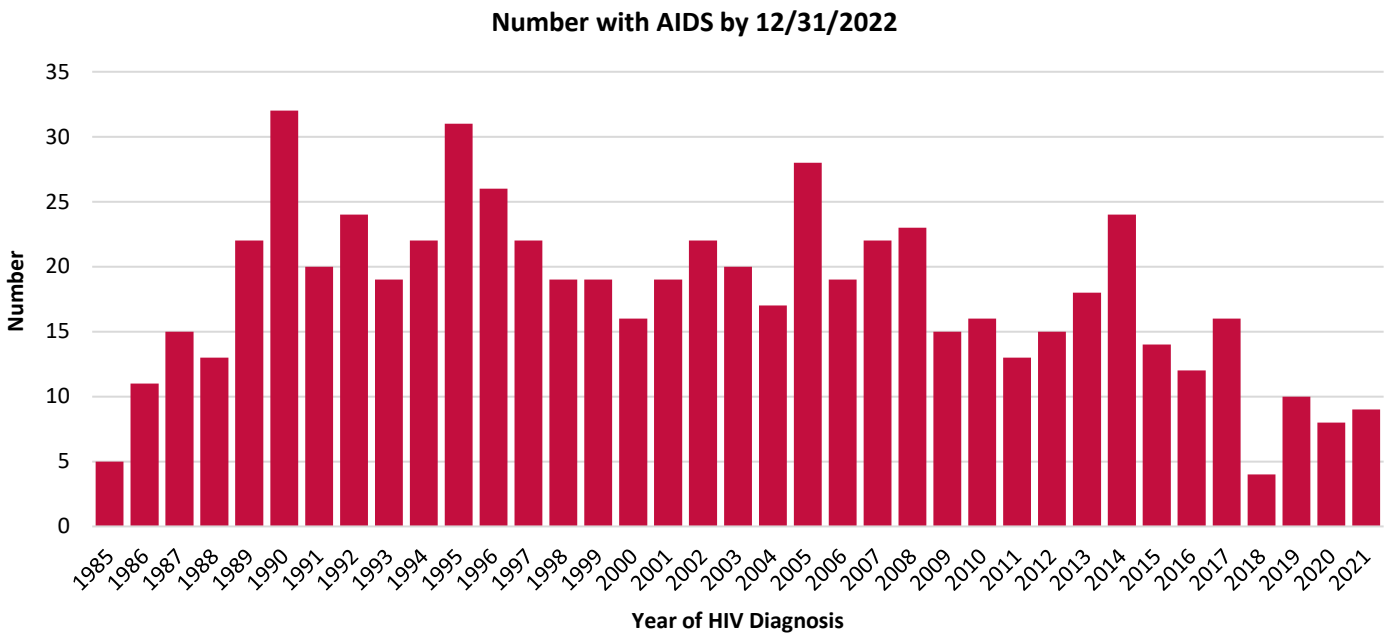
Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Median unsuppressed is weighted based on statistical adjustment.

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

Section VIII – Disease Progression and Mortality

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

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



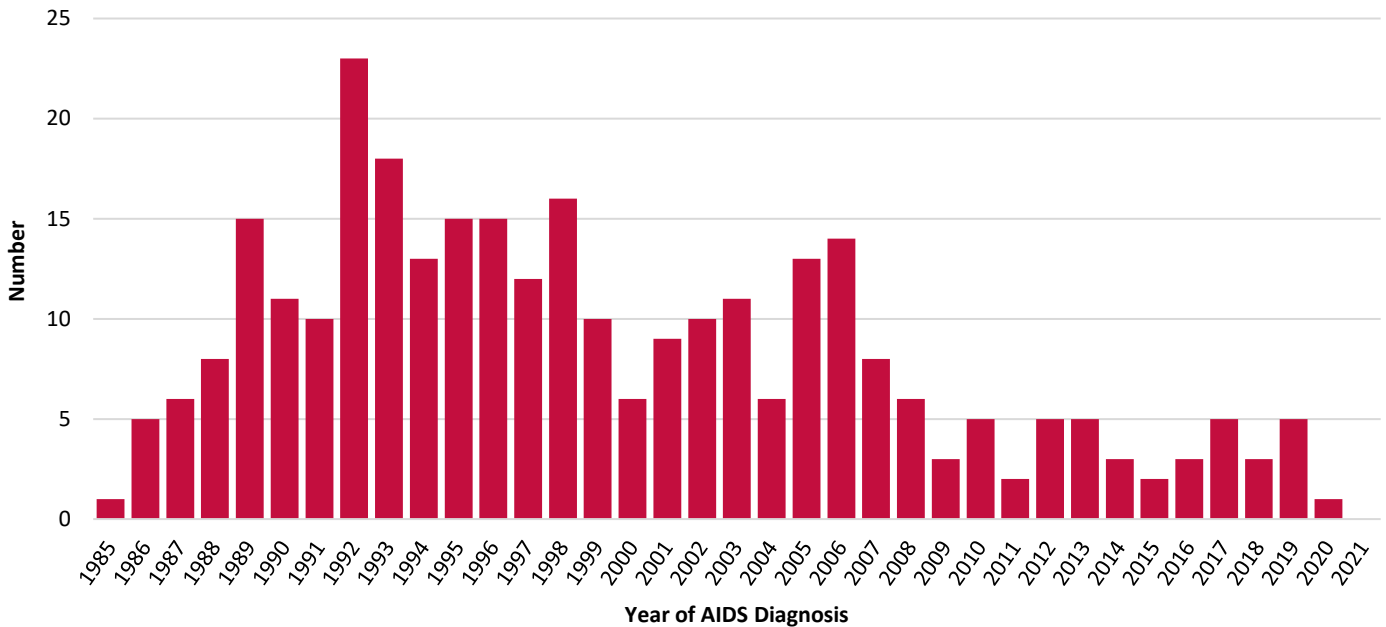
HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	No.	AIDS Diagnoses		Percent with AIDS by Years After HIV Diagnosis				
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	2	2	100.0%	10.0	50.0%	50.0%	50.0%	50.0%
1985	6	5	83.3%	9.8	16.7%	16.7%	33.3%	50.0%
1986	11	11	100.0%	9.2	27.3%	27.3%	36.4%	54.5%
1987	15	15	100.0%	5.7	40.0%	40.0%	60.0%	86.7%
1988	14	13	92.9%	2.7	57.1%	57.1%	71.4%	92.9%
1989	22	22	100.0%	2.6	59.1%	59.1%	81.8%	90.9%
1990	32	32	100.0%	4.7	37.5%	46.9%	65.6%	87.5%
1991	23	20	87.0%	3.6	47.8%	52.2%	60.9%	78.3%
1992	25	24	96.0%	1.5	72.0%	72.0%	88.0%	92.0%
1993	20	19	95.0%	1.3	80.0%	85.0%	90.0%	90.0%
1994	25	22	88.0%	2.6	60.0%	68.0%	68.0%	80.0%
1995	34	31	91.2%	4.0	47.1%	50.0%	64.7%	79.4%
1996	33	26	78.8%	2.5	48.5%	57.6%	66.7%	72.7%
1997	24	22	91.7%	2.6	62.5%	66.7%	70.8%	83.3%
1998	25	19	76.0%	1.2	60.0%	68.0%	68.0%	76.0%
1999	32	19	59.4%	2.3	37.5%	43.8%	50.0%	53.1%
2000	21	16	76.2%	4.6	28.6%	33.3%	57.1%	66.7%
2001	30	19	63.3%	0.4	60.0%	60.0%	63.3%	63.3%
2002	32	22	68.8%	2.7	43.8%	46.9%	56.3%	65.6%
2003	32	20	62.5%	2.8	43.8%	43.8%	50.0%	56.3%
2004	33	17	51.5%	1.5	42.4%	45.5%	45.5%	48.5%
2005	47	28	59.6%	2.7	40.4%	42.6%	46.8%	51.1%
2006	29	19	65.5%	1.0	55.2%	55.2%	58.6%	65.5%
2007	47	22	46.8%	2.3	27.7%	29.8%	38.3%	44.7%
2008	39	23	59.0%	0.9	48.7%	51.3%	53.8%	59.0%
2009	42	15	35.7%	2.7	19.0%	21.4%	26.2%	33.3%
2010	39	16	41.0%	2.1	25.6%	28.2%	35.9%	38.5%
2011	28	13	46.4%	2.7	25.0%	32.1%	32.1%	46.4%
2012	49	15	30.6%	1.6	22.4%	26.5%	26.5%	28.6%
2013	41	18	43.9%	2.0	26.8%	26.8%	39.0%	--
2014	52	24	46.2%	1.4	32.7%	32.7%	42.3%	--
2015	33	14	42.4%	1.9	24.2%	30.3%	36.4%	--
2016	38	12	31.6%	1.3	21.1%	26.3%	28.9%	--
2017	33	16	48.5%	1.2	36.4%	36.4%	45.5%	--
2018	31	4	12.9%	0.2	12.9%	12.9%	--	--
2019	43	10	23.3%	0.3	23.3%	23.3%	--	--
2020	27	8	29.6%	0.2	29.6%	29.6%	--	--
2021	35	9	25.7%	0.3	25.7%	--	--	--
Total	1,144	662	57.9%	2.5	37.9%	40.7%	47.4%	53.8%

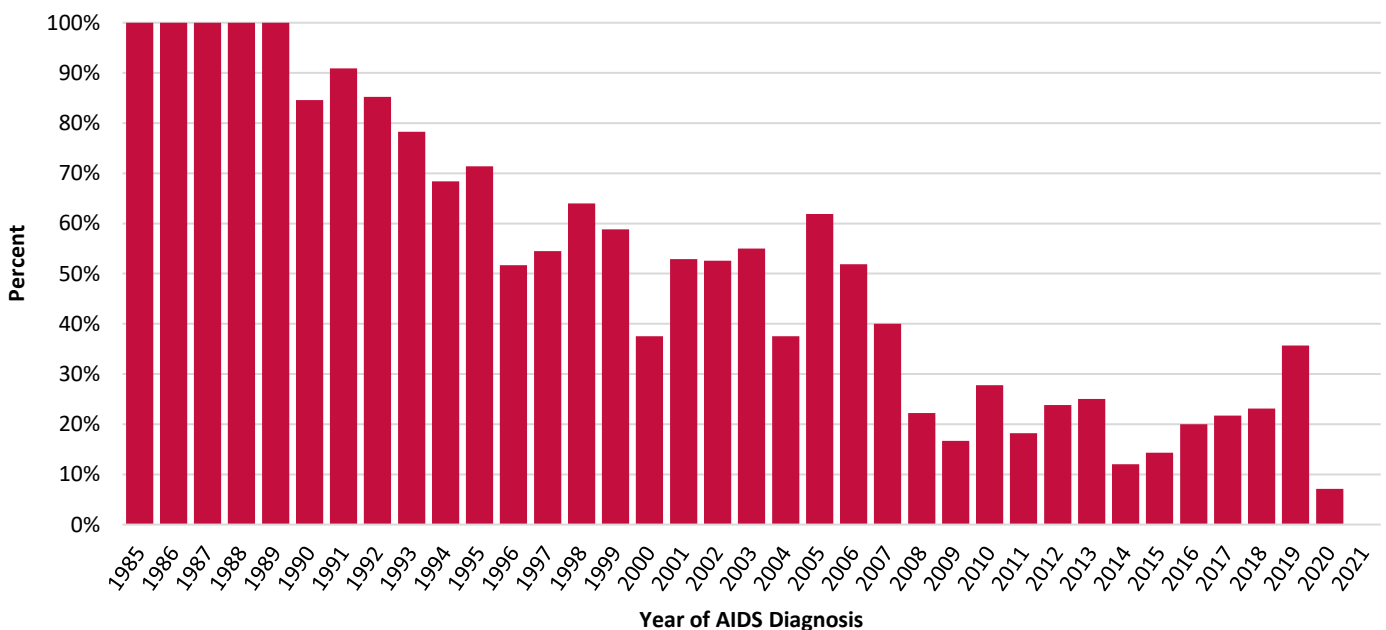
Figure 11 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2021, Reported through June 30, 2023

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	1	1	100.0%	0.0	0.0%	0.0%	0.0%	0.0%
1985	1	1	100.0%	2.9	100.0%	100.0%	0.0%	0.0%
1986	5	5	100.0%	1.1	40.0%	20.0%	0.0%	0.0%
1987	6	6	100.0%	2.5	50.0%	16.7%	16.7%	16.7%
1988	8	8	100.0%	2.3	62.5%	50.0%	12.5%	0.0%
1989	15	15	100.0%	2.0	86.7%	46.7%	0.0%	0.0%
1990	13	11	84.6%	3.6	76.9%	61.5%	38.5%	23.1%
1991	11	10	90.9%	2.3	81.8%	54.5%	18.2%	9.1%
1992	27	23	85.2%	3.0	85.2%	59.3%	22.2%	22.2%
1993	23	18	78.3%	4.2	78.3%	52.2%	34.8%	30.4%
1994	19	13	68.4%	3.2	89.5%	52.6%	47.4%	42.1%
1995	21	15	71.4%	4.7	76.2%	57.1%	52.4%	42.9%
1996	29	15	51.7%	4.9	86.2%	79.3%	72.4%	58.6%
1997	22	12	54.5%	9.1	81.8%	81.8%	81.8%	63.6%
1998	25	16	64.0%	8.6	84.0%	84.0%	80.0%	60.0%
1999	17	10	58.8%	6.9	88.2%	88.2%	70.6%	58.8%
2000	16	6	37.5%	11.4	100.0%	100.0%	87.5%	87.5%
2001	17	9	52.9%	6.7	88.2%	82.4%	70.6%	64.7%
2002	19	10	52.6%	5.5	84.2%	78.9%	63.2%	57.9%
2003	20	11	55.0%	5.2	85.0%	80.0%	70.0%	65.0%
2004	16	6	37.5%	3.7	81.3%	75.0%	75.0%	68.8%
2005	21	13	61.9%	5.1	81.0%	76.2%	66.7%	42.9%
2006	27	14	51.9%	4.3	81.5%	81.5%	63.0%	55.6%
2007	20	8	40.0%	6.1	85.0%	85.0%	80.0%	75.0%
2008	27	6	22.2%	5.1	92.6%	92.6%	85.2%	81.5%
2009	18	3	16.7%	4.6	94.4%	94.4%	88.9%	88.9%
2010	18	5	27.8%	3.9	88.9%	83.3%	83.3%	72.2%
2011	11	2	18.2%	2.1	90.9%	90.9%	81.8%	81.8%
2012	21	5	23.8%	6.9	100.0%	100.0%	95.2%	76.2%
2013	20	5	25.0%	2.1	85.0%	80.0%	80.0%	--
2014	25	3	12.0%	4.6	96.0%	96.0%	96.0%	--
2015	14	2	14.3%	1.8	92.9%	92.9%	85.7%	--
2016	15	3	20.0%	3.0	93.3%	86.7%	86.7%	--
2017	23	5	21.7%	2.9	100.0%	91.3%	78.3%	--
2018	13	3	23.1%	1.7	92.3%	92.3%	--	--
2019	14	5	35.7%	0.4	71.4%	64.3%	--	--
2020	14	1	7.1%	0.0	92.9%	92.9%	--	--
2021*	14	0	0.0%	--	100.0%	--	--	--
Total	646	304	47.1%	4.5	86.4%	78.3%	67.6%	60.5%

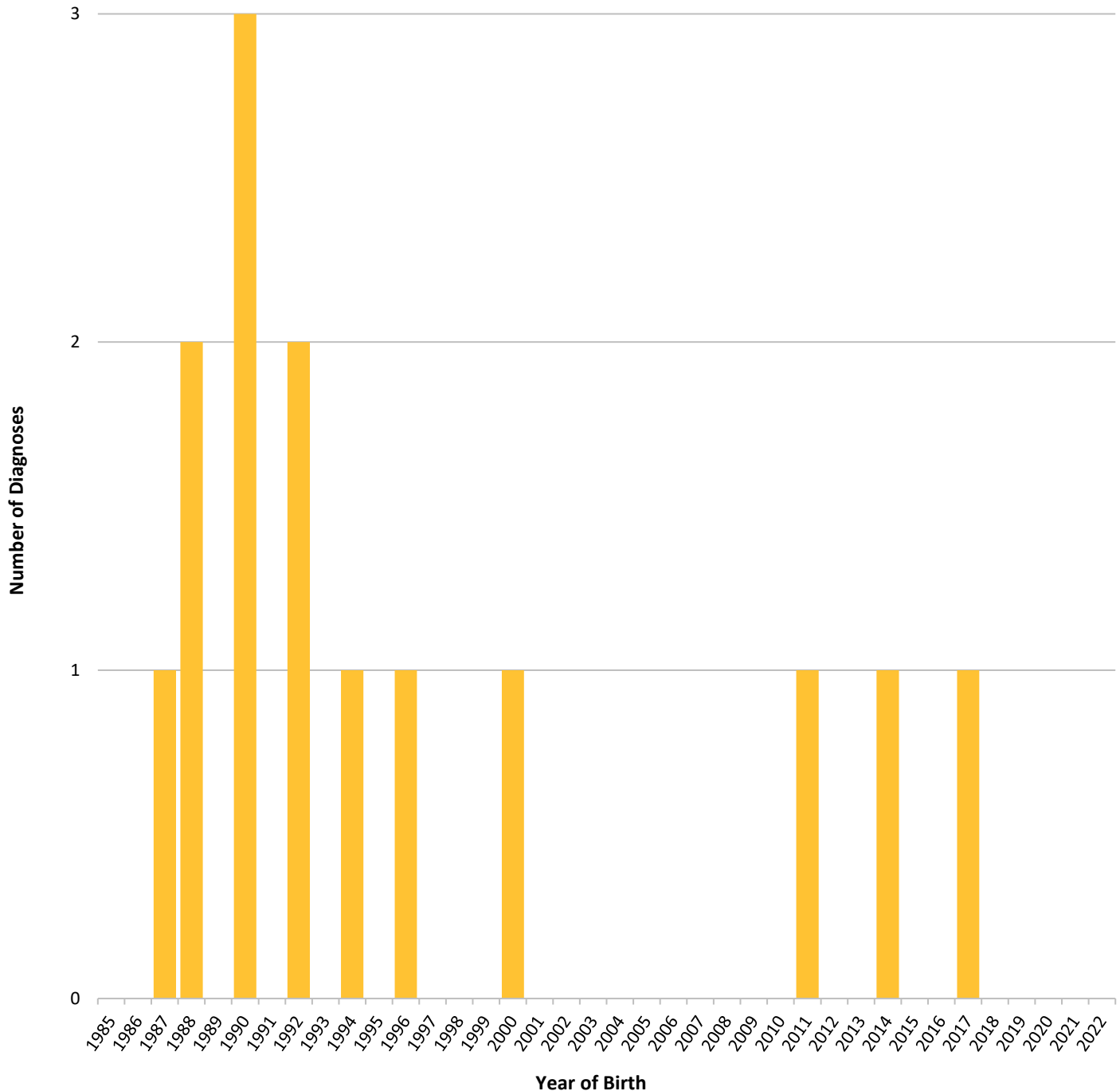
*2021 deaths among AIDS diagnoses are preliminary.

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	1	0	0	0	--
1985	0	0	0	0	0
1986	0	0	0	0	0
1987	1	1	1	0	0
1988	2	1	1	0	0
1989	0	0	0	0	0
1990	3	2	0	0	2
1991	0	0	1	1	1
1992	2	1	0	0	2
1993	0	0	0	0	2
1994	1	3	3	0	4
1995	0	0	0	1	3
1996	1	1	1	1	4
1997	0	0	0	0	4
1998	0	0	1	0	4
1999	0	0	0	1	3
2000	1	2	0	0	5
2001	0	0	0	0	6
2002	0	0	0	0	6
2003	0	0	0	0	6
2004	0	0	0	0	6
2005	0	0	0	0	6
2006	0	0	0	0	6
2007	0	1	0	0	7
2008	0	0	0	0	7
2009	0	0	0	0	7
2010	0	0	0	1	6
2011	1	1	1	0	7
2012	0	0	0	0	7
2013	0	0	0	1	6
2014	1	1	1	0	7
2015	0	0	0	0	7
2016	0	0	0	0	7
2017	1	1	0	0	8
2018	0	0	0	0	8
2019	0	0	1	0	8
2020	0	0	0	0	8
2021	0	0	0	0	8
2022	0	0	0	0	8
Total	15	15	11	6	--

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

Jurisdiction of Current Residence	Total People Aged <13 Living with Diagnosed HIV	
	No.	% of Total
Calvert	0	0.0%
Charles	5	100.0%
Saint Mary's	0	0.0%
Total	5	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	2	40.0%
Male	3	60.0%
Race/Ethnicity		
Hispanic	0	0.0%
Non-Hispanic	5	100.0%
American Indian/Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	5	100.0%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	0	0.0%
Multiracial/Another Race	0	0.0%
Total	5	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.