2021

SUBURBAN REGION ANNUAL HIV EPIDEMIOLOGICAL PROFILE

Data reported through

June 30, 2022

CENTER FOR HIV SURVEILLANCE, EPIDEMIOLOGY AND EVALUATION

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

Maryland
DEPARTMENT OF HEALTH

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, 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

Suburban Region Annual HIV Epidemiological Profile 2021. Center for HIV Surveillance, Epidemiology and Evaluation, Maryland Department of Health, Baltimore, MD. 2022.

On the Web

https://health.maryland.gov/phpa/OIDEOR/CHSE/SiteAssets/Pages/statistics/Suburban-Region-Annual-HIV-Epidemiological-Profile-2021.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 1985-2021 ..... **9**

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, among Residents at Diagnosis, 1985-2021, Reported through June 30, 2022 9

Figure 2 – Trends in People Living with Diagnosed HIV, among Residents at Diagnosis, 1985-2021, Reported through June 30, 2022 10

Figure 3 – Trends in People Aged 13+ Living with Diagnosed HIV, among Current Residents, 2012-2021, Reported through June 30, 2022 11

Figure 4 – Trends in Reported HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Sex at Birth, 1985-2021, Reported through June 30, 2022 12

Figure 5 – Trends in Reported HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Race/Ethnicity, 1985-2021, Reported through June 30, 2022 14

Figure 6 – Trends in Reported HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Age at HIV Diagnosis, 1985-2021, Reported through June 30, 2022 16

Figure 7 – Trends in Reported HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Estimated Exposure Category, 1985-2021, Reported through June 30, 2022 18

Section III – Continuum of Care Cascades **20**

Figure 8 – Prevalence-Based Estimated 2021 HIV Continuum of Care Cascades, among Current Suburban Region Residents Aged 13+, Reported through June 30, 2022 20

Figure 9 – Diagnosis-Based Estimated 2021 HIV Continuum of Care Cascades, among Current Suburban Region Residents Aged 13+, Reported through June 30, 2022 21

Section IV – By Jurisdiction **22**

Table 1 – Reported HIV Diagnoses and Reported AIDS Diagnoses, among People Aged 13+ during 2021, by Jurisdiction of Residence at Diagnosis, Reported through June 30, 2022 22

Table 2 – Reported HIV Diagnoses, among People Aged 13+ during 2021, Linked to Care, Viral Suppression, Late Diagnosis, and First CD4 Test Result by Jurisdiction of Residence at Diagnosis, Reported through June 30, 2022 22

Table 3 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Jurisdiction of Residence at Diagnosis and Current Residence, Reported through June 30, 2022 22

Table 4 – CD4 Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Jurisdiction of Current Residence, Reported through June 30, 2022 23

Table 5 – Viral Load Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Jurisdiction of Current Residence, Reported through June 30, 2022 23

Section V – By Age **24**

Table 6 – Reported HIV Diagnoses during 2021, Linked to Care, Viral Suppression, Late Diagnosis, and First CD4 Test Result by Age at HIV Diagnosis, Reported through June 30, 2022 24

Table 7 – People Living with Diagnosed HIV, Alive on December 31, 2021, by Age on December 31, 2021, Reported through June 30, 2022 24

Table 8 – CD4 Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Age on December 31, 2021, Reported through June 30, 2022 25

Table 9 – Viral Load Test Results during 2021 for People Living with Diagnosed HIV, Alive on December 31, 2021, by Age on December 31, 2021, Reported through June 30, 2022 25

Section VI – By Demographics **26**

Table 10 – Reported HIV Diagnoses, among People Aged 13+ during 2021, Linked to Care, Viral Suppression, Late Diagnosis, and First CD4 Test Result by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2022 26
Table 11 – Reported HIV Diagnoses, among People Aged 13+ during 2021 by Sex at Birth and Race/Ethnicity, Reported through June 30, 2022 27
Table 12 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2022 28
Table 13 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2022 29
Table 14 – CD4 Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2022 30
Table 15 – Viral Load Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2022 31
Table 16 – Females Living with Diagnosed HIV by Age on December 31, 2021 and Race/Ethnicity, Alive on December 31, 2021, and Reported through June 30, 2022 32
Table 17 – Males Living with Diagnosed HIV by Age on December 31, 2021 and Race/Ethnicity, Alive on December 31, 2021, and Reported through June 30, 2022 33

Section VII – By HIV Exposure Category 34
Table 18 – Reported HIV Diagnoses, among People Aged 13+ during 2021, Linked to Care, Viral Suppression, Late Diagnosis, and First CD4 Test Result, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2022 34
Table 19 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2022 35
Table 20 – People Aged 13+ Living with Diagnosed HIV by Estimated or Reported Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on December 31, 2021, and Reported through June 30, 2022 36
Table 21 – CD4 Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Estimated or Reported Exposure Category, Reported through June 30, 2022 37
Table 22 – Viral Load Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Estimated or Reported Exposure Category, Reported through June 30, 2022 37

Section VIII – Disease Progression and Mortality 38
Figure 10 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2020, Reported through June 30, 2022 38
Figure 11 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2020, Reported through June 30, 2022 40

Section IX – Pediatrics 42
Figure 12 – Trends in Reported HIV Diagnoses among People Aged <13, 1985-2021, Reported through June 30, 2022 42
Table 23 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2021, by Jurisdiction of Current Residence, Reported through June 30, 2022 44
Table 24 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2021, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2022 44

Glossary of Terms 45

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 2021, there were 345 reported HIV diagnoses in the Suburban Region, which includes Montgomery County and Prince George's County. Data presented below describe HIV diagnoses in the Suburban Region, among people ages 13 years and older, during 2021.

- Geographic distribution: Prince George's County accounted for the highest number (244, 70.7%) and the highest rate of HIV diagnoses (30.4) in the Suburban Region.
- Age: Persons aged 20-39 years accounted for the highest number (201, 58.3%) of HIV diagnoses. The rate was highest among persons aged 30-39 years (40.4).
- Sex at Birth: Males accounted for the highest number (250, 72.5%) of HIV diagnoses. The rate among males was 30.9 and 10.8 among females.
- Race/Ethnicity: Non-Hispanic Black people accounted for the highest number (249, 72.2%) and the highest rate (37.2).
- Exposure Category: Male-to-male sexual contact accounted for the highest number (181, 52.5%) of diagnoses.

People Living with Diagnosed HIV

At the end of 2021, there were 11,781 people living with diagnosed HIV in the Suburban Region. Data presented below describe people living with diagnosed HIV, aged 13 years and older, in the Suburban Region.

- Geographic distribution: Prince George's County accounted for the highest number (8,107, 68.8%) of people living with diagnosed HIV and the highest rate (1,010.5).
- Age: Persons aged 50+ years accounted for the highest number (5,630, 47.8%) of people living with diagnosed HIV. The rate was highest among persons aged 50-59 years (1,151.0).
- Sex at Birth: Males accounted for the highest number (7,752, 65.8%) of people living with diagnosed HIV. The rate among males was 957.8 and 458.9 among females.
- Race/Ethnicity: Non-Hispanic Black people accounted for the highest number (9,026, 76.6%) of people living with diagnosed HIV. Non-Hispanic Multiracial people accounted for the highest rate (1,568.0).
- Exposure Category: Male-to-male sexual contact accounted for the highest number (5,305, 45.0%) of the total people living with diagnosed HIV.

Engagement in HIV Care

- HIV diagnosed: Among people living with HIV in the Suburban Region, it is estimated that 88.5 percent have been diagnosed and an estimated 1,531 people with HIV remain undiagnosed.
- Linked to care: During 2021, 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 diagnosed HIV, 75.1 percent were retained in care during 2021.
- Viral suppression: In 2021, 61.5 percent of people living with diagnosed HIV achieved viral suppression.

Technical Notes

HIV/AIDS 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

In order to be responsive to changing data needs, the following update has been made to this report:

- The terminology for gender identity has been updated.
- Viral suppression within six months after HIV diagnosis has been added to all tables describing reported HIV diagnoses (Tables 2, 6, 10, and 18) and the HIV care continuums (Figure 8A-D, and Figure 9). As a result, linkage to HIV care within three months has been removed from all tables and figures describing reported HIV diagnoses but is available upon request.

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 2021 and for people who were living with HIV and were current residents of Maryland as of December 31, 2021.

Data presented were reported to the MDH through June 30, 2022. Reported new diagnoses and estimates of people living with diagnosed HIV are as of December 31, 2021.

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.

<u>COVID-19 and HIV Surveillance Data</u>

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.

- Incidence (new HIV infections or transmissions) estimates might be lower due to significant declines in the number of new HIV diagnoses.
- Declines in HIV diagnoses might not represent declines in new HIV infections, 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.
- Declines in linkage to care, retention in care, and viral suppression estimates may be due to lack of laboratory testing during care visits (e.g., telemedicine) and/or changes in testing modality (e.g., self-testing).

<u>Undiagnosed HIV Infections</u>

The Centers for Disease Control and Prevention (CDC), using national surveillance data, estimates that the number of people living with undiagnosed HIV infection,

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 infection in Maryland is 10.1 percent in 2020.

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 non-AIDS 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, 2009. 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 since prior to 2009. 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.

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.

Race/Ethnicity

The completeness of reporting for race/ethnicity is variable in surveillance data. Definitions of race/ethnicity

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

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 persons 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 individuals 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. Persons 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.

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, 2022.

Population data by sex, age, and race/ethnicity are from the July 1, 2021 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 the 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 other 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

In order 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.

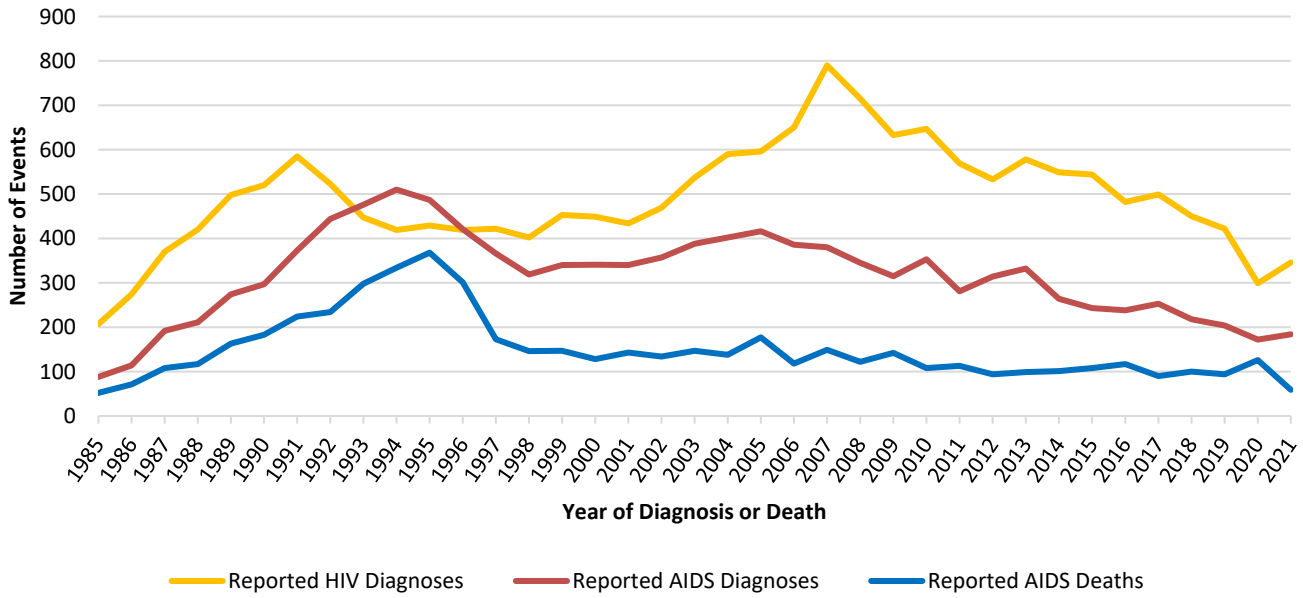
Multiple Imputation

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 1985-2021

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, among Residents at Diagnosis, 1985-2021, Reported through June 30, 2022

People Diagnosed with HIV (Reported HIV Diagnoses) by Year of HIV Diagnosis, People Diagnosed with HIV with an AIDS Diagnosis (Reported AIDS Diagnoses) by Year of AIDS Diagnosis, and People Diagnosed with HIV with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2021, as Reported through June 30, 2022



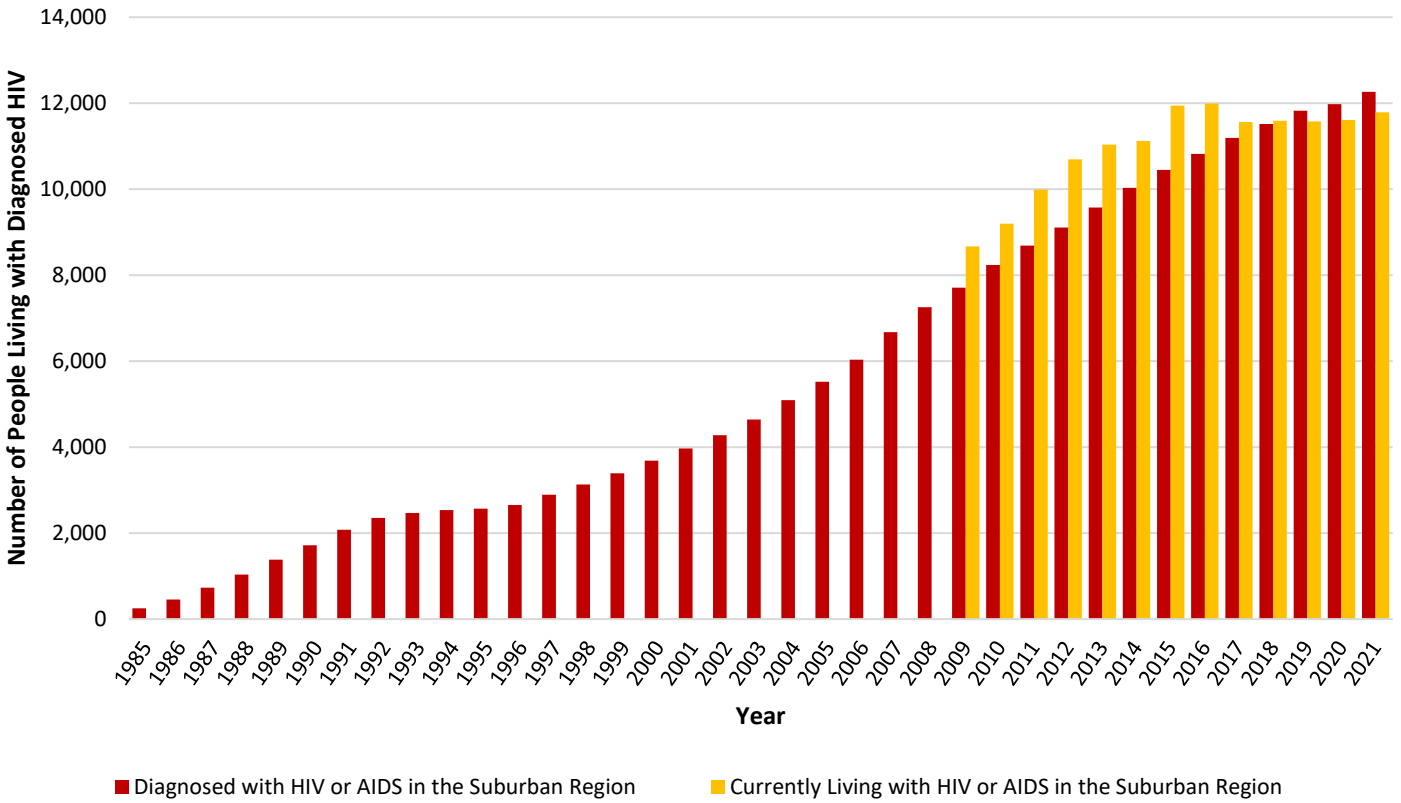
Year of Diagnosis or Death	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	Year of Diagnosis or Death	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	118	56	27	**2003**	537	388	147
1985	207	88	52	**2004**	590	402	138
1986	274	114	71	**2005**	596	416	177
1987	370	192	108	**2006**	650	386	118
1988	420	211	117	**2007**	790	380	149
1989	498	274	163	**2008**	715	345	122
1990	520	297	183	**2009**	633	315	142
1991	585	373	224	**2010**	647	353	108
1992	523	444	234	**2011**	569	281	113
1993	447	476	298	**2012**	533	314	94
1994	419	510	334	**2013**	578	332	99
1995	429	487	368	**2014**	549	264	101
1996	419	421	301	**2015**	544	243	108
1997	422	366	173	**2016**	482	238	117
1998	402	319	146	**2017**	499	253	90
1999	453	340	147	**2018**	450	218	100
2000	449	341	128	**2019**	422	204	94
2001	434	340	143	**2020***	299	172	126
2002	469	357	134	**2021***	346	184	59
				Total	18,287	11,694	5,553

*2020-2021 reported AIDS deaths are preliminary.

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

Figure 2 – Trends in People Living with Diagnosed HIV, among Residents at Diagnosis, 1985-2021, Reported through June 30, 2022

People Living with Diagnosed HIV in the Suburban Region and Not Reported to have Died as of December 31st of Each Year (People who were Diagnosed with HIV or AIDS in the Suburban Region and/or People who are Currently Living with Diagnosed HIV in the Suburban Region) from 1985 through 2021, as Reported through June 30, 2022

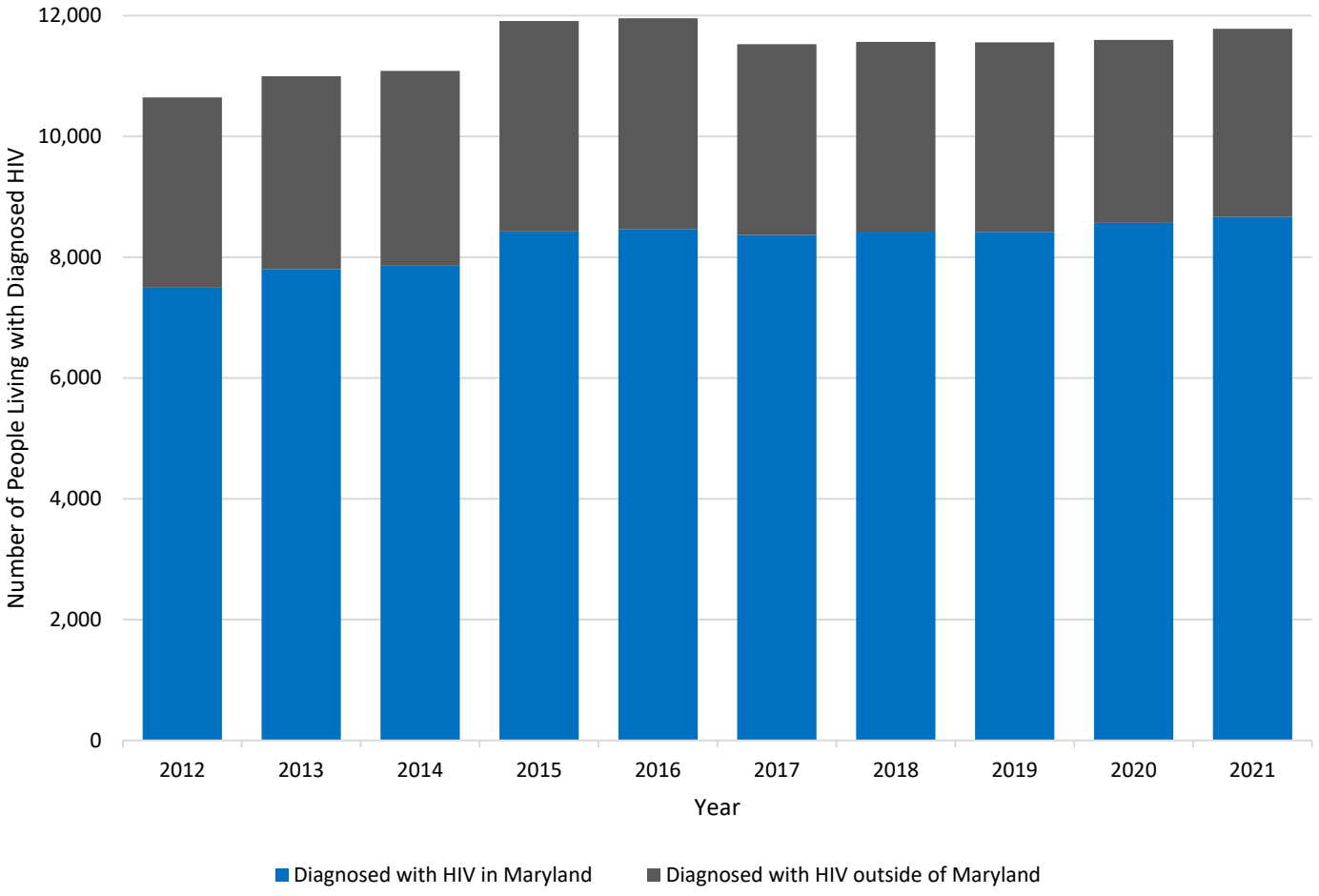


Year	People Living with Diagnosed HIV		Year	People Living with Diagnosed HIV	
	Diagnosed with HIV or AIDS in the Suburban Region	Current Residents		Diagnosed with HIV or AIDS in the Suburban Region	Current Residents
1985	253	--	**2003**	4,644	--
1986	457	--	**2004**	5,093	--
1987	730	--	**2005**	5,521	--
1988	1,036	--	**2006**	6,033	--
1989	1,384	--	**2007**	6,673	--
1990	1,719	--	**2008**	7,257	--
1991	2,079	--	**2009**	7,711	8,668
1992	2,354	--	**2010**	8,239	9,197
1993	2,470	--	**2011**	8,687	9,991
1994	2,537	--	**2012**	9,108	10,692
1995	2,568	--	**2013**	9,575	11,036
1996	2,656	--	**2014**	10,031	11,123
1997	2,895	--	**2015**	10,450	11,943
1998	3,132	--	**2016**	10,819	11,992
1999	3,391	--	**2017**	11,191	11,560
2000	3,688	--	**2018**	11,516	11,589
2001	3,968	--	**2019**	11,824	11,576
2002	4,279	--	**2020**	11,977	11,610
			2021	12,265	11,789

Note. Current residence for people living with diagnosed HIV is unavailable prior to 2009.

Figure 3 – Trends in People Aged 13+ Living with Diagnosed HIV, among Current Residents, 2012-2021, Reported through June 30, 2022

People Living with Diagnosed HIV in the Suburban Region and Not Reported to have Died as of December 31st of Each Year from 2012 through 2021, as Reported through June 30, 2022

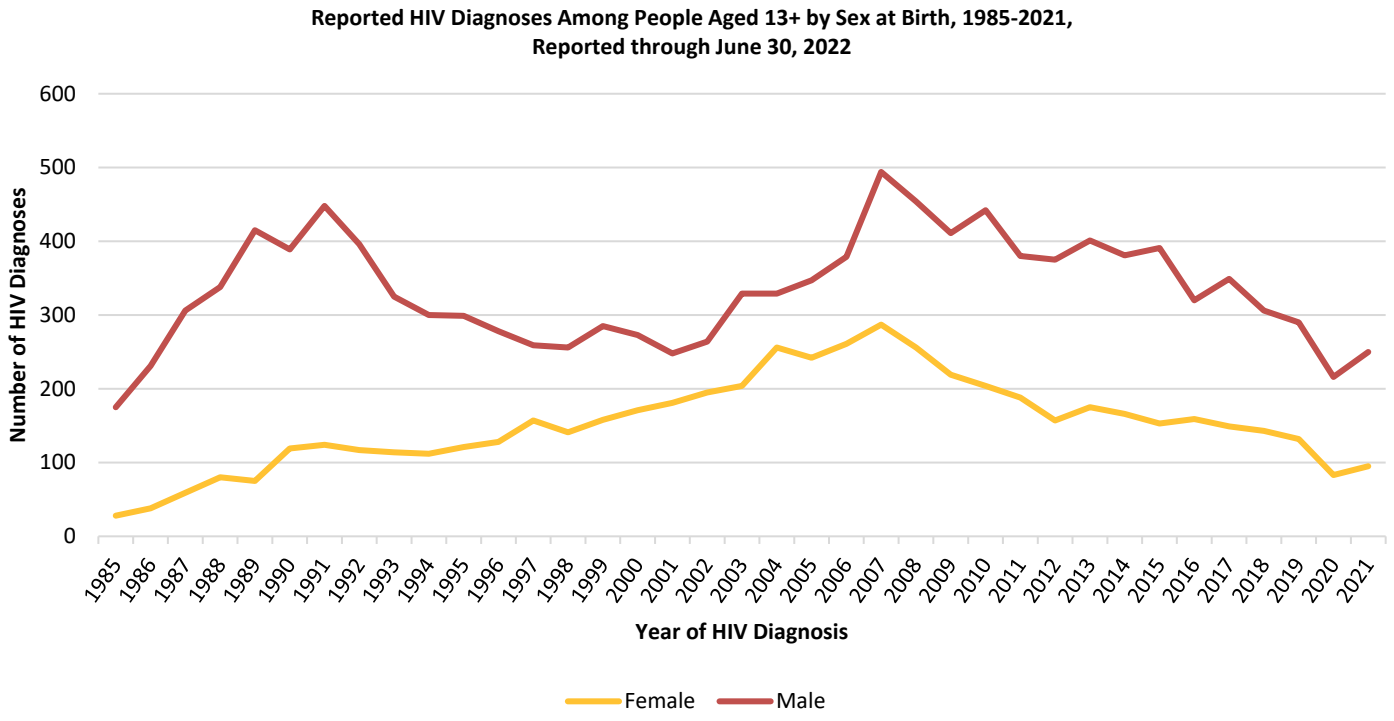


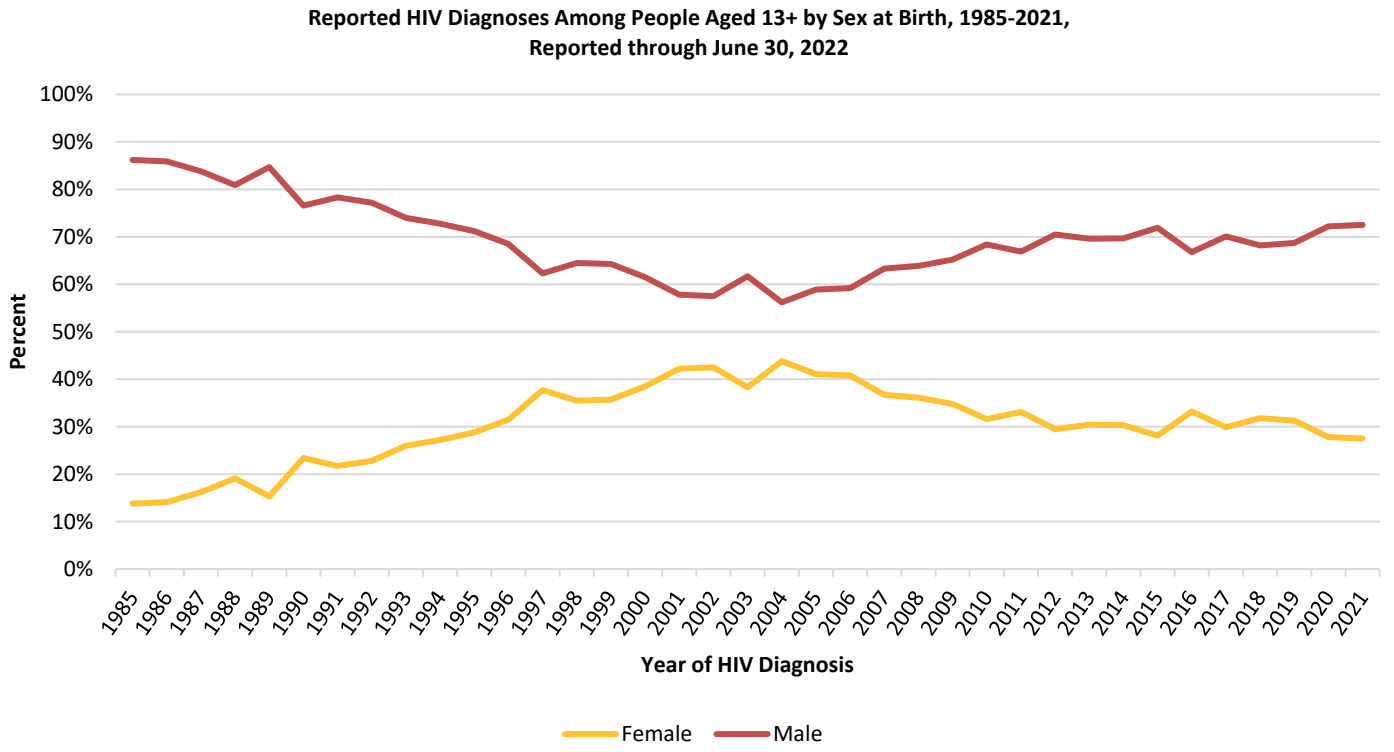
Year	Population Aged 13+	Suburban Region Residents Aged 13+ as of December 31st of the Specified Year			
		Diagnosed with HIV in Maryland	Diagnosed with HIV Outside of Maryland	Total	Rate
2012	1,569,584	7,494	3,151	10,645	678.2
2013	1,586,267	7,802	3,194	10,996	693.2
2014	1,600,795	7,858	3,226	11,084	692.4
2015	1,614,647	8,426	3,484	11,910	737.6
2016	1,622,667	8,466	3,489	11,955	736.7
2017	1,632,425	8,368	3,158	11,526	706.1
2018	1,635,724	8,424	3,140	11,564	707.0
2019	1,639,965	8,419	3,138	11,557	704.7
2020	1,641,750	8,567	3,030	11,597	706.4
2021	1,687,274	8,665	3,116	11,781	698.2

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

Figure 4 – Trends in Reported HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Sex at Birth, 1985-2021, Reported through June 30, 2022

Number and Percent by Sex at Birth of People Diagnosed with HIV, Aged 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2021, as Reported through June 30, 2022



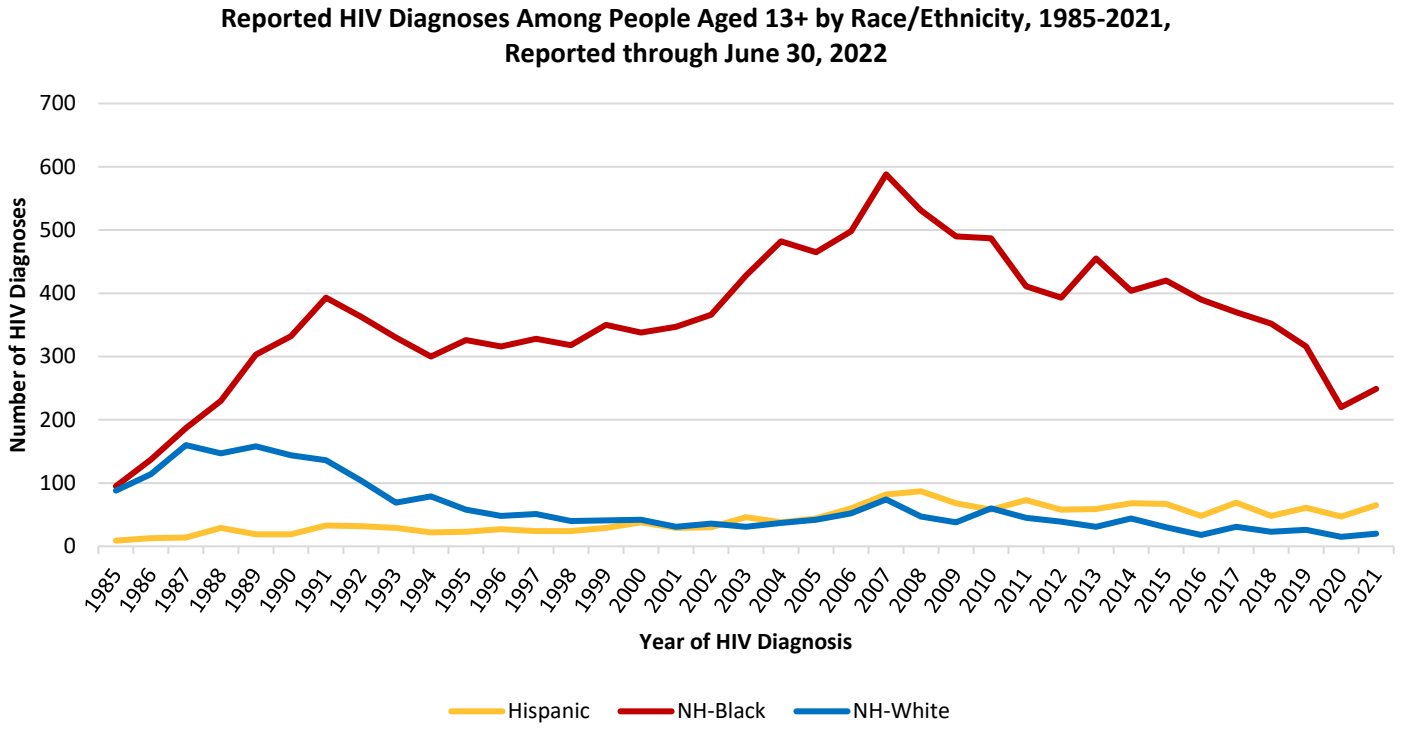


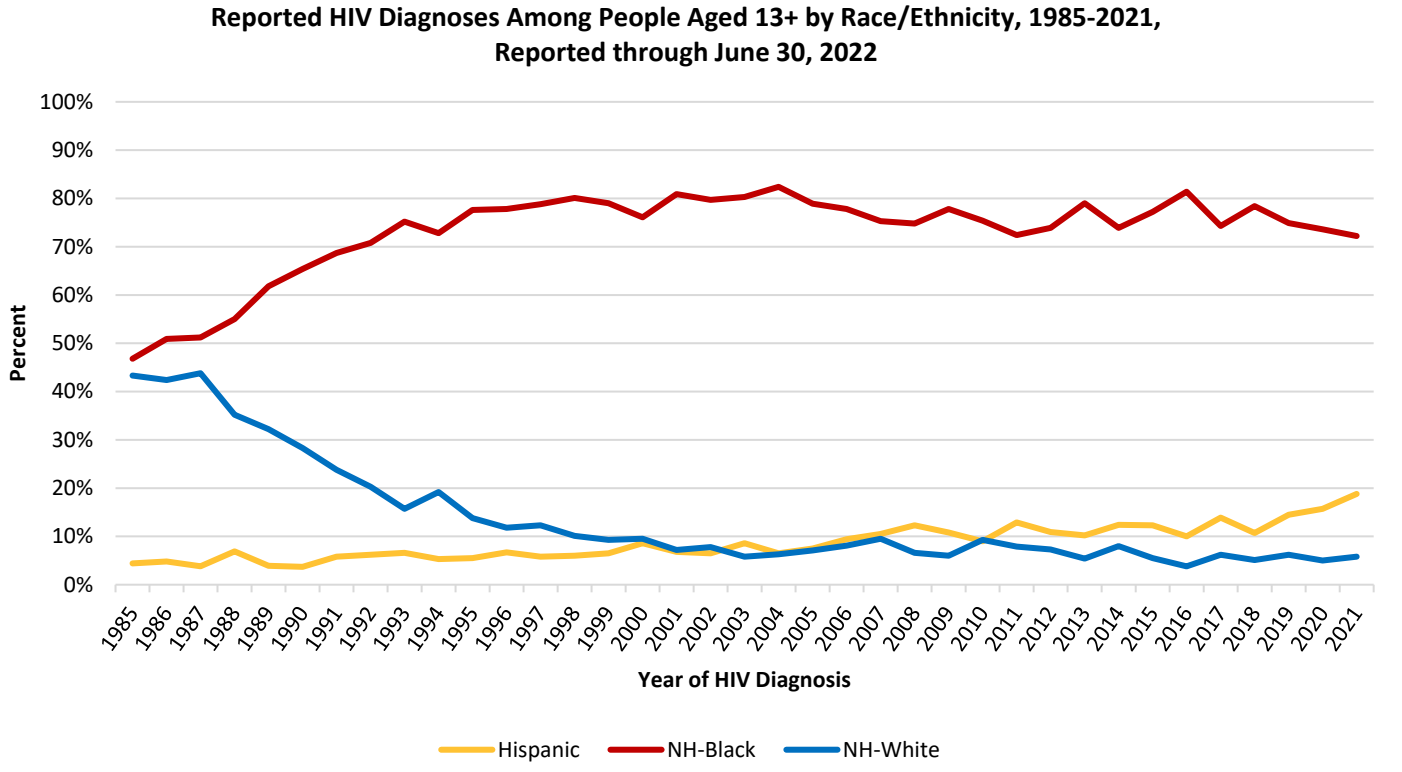
Year of HIV Diagnosis	Reported HIV Diagnoses among People Aged 13+				
	Number	Sex at Birth			
		Female		Male	
		Number	Percent	Number	Percent
<1985	115	11	9.6%	104	90.4%
1985	203	28	13.8%	175	86.2%
1986	269	38	14.1%	231	85.9%
1987	365	59	16.2%	306	83.8%
1988	418	80	19.1%	338	80.9%
1989	490	75	15.3%	415	84.7%
1990	508	119	23.4%	389	76.6%
1991	572	124	21.7%	448	78.3%
1992	513	117	22.8%	396	77.2%
1993	439	114	26.0%	325	74.0%
1994	412	112	27.2%	300	72.8%
1995	420	121	28.8%	299	71.2%
1996	406	128	31.5%	278	68.5%
1997	416	157	37.7%	259	62.3%
1998	397	141	35.5%	256	64.5%
1999	443	158	35.7%	285	64.3%
2000	444	171	38.5%	273	61.5%
2001	429	181	42.2%	248	57.8%
2002	459	195	42.5%	264	57.5%
2003	533	204	38.3%	329	61.7%
2004	585	256	43.8%	329	56.2%
2005	589	242	41.1%	347	58.9%
2006	640	261	40.8%	379	59.2%
2007	781	287	36.7%	494	63.3%
2008	710	256	36.1%	454	63.9%
2009	630	219	34.8%	411	65.2%
2010	646	204	31.6%	442	68.4%
2011	568	188	33.1%	380	66.9%
2012	532	157	29.5%	375	70.5%
2013	576	175	30.4%	401	69.6%
2014	547	166	30.3%	381	69.7%
2015	544	153	28.1%	391	71.9%
2016	479	159	33.2%	320	66.8%
2017	498	149	29.9%	349	70.1%
2018	449	143	31.8%	306	68.2%
2019	422	132	31.3%	290	68.7%
2020	299	83	27.8%	216	72.2%
2021	345	95	27.5%	250	72.5%
Total	18,091	5,658	31.3%	12,433	68.7%

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

Figure 5 – Trends in Reported HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Race/Ethnicity, 1985-2021, Reported through June 30, 2022

Number and Percent by Race/Ethnicity of People Diagnosed with HIV, Aged 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2021, as Reported through June 30, 2022





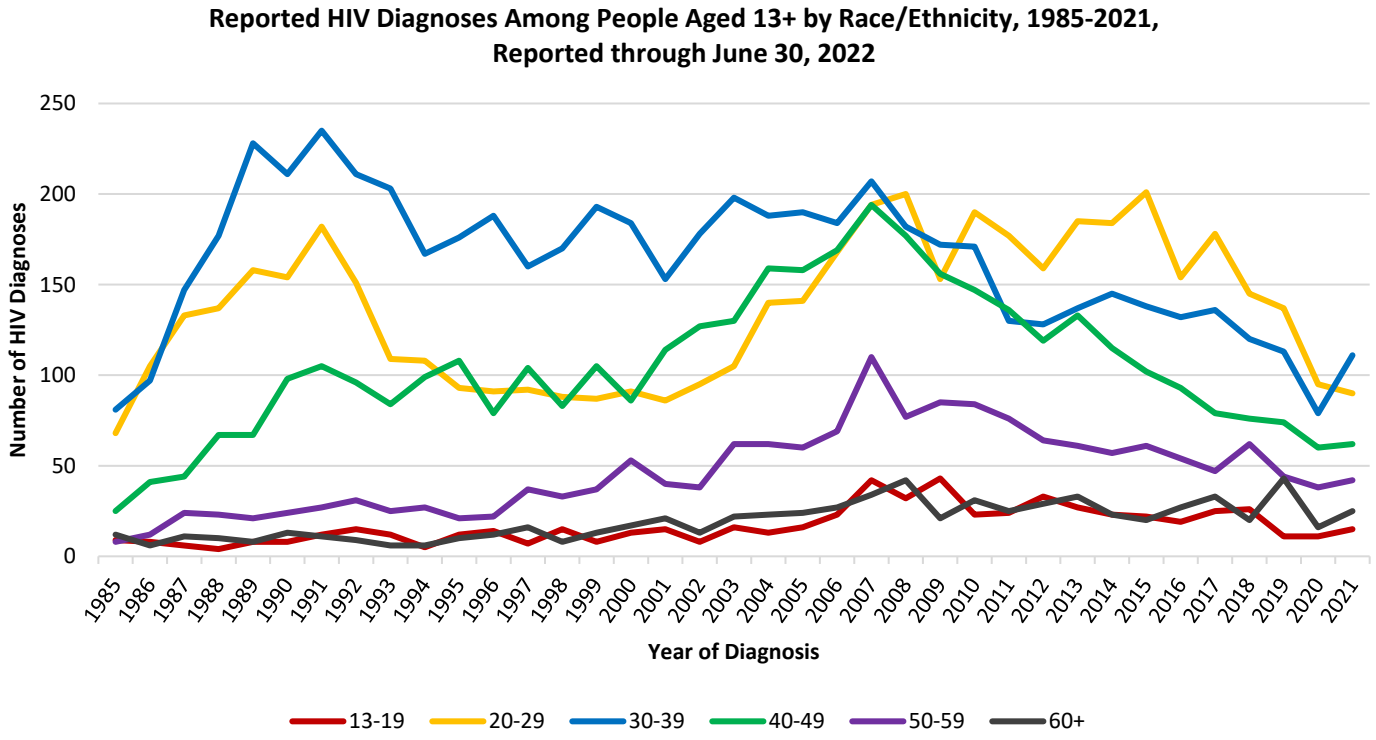
NH: Non-Hispanic
NH-Asian, NH-American Indian, NH-Native Hawaiian/Other Pacific Islander, NH-Multiracial/Other not shown

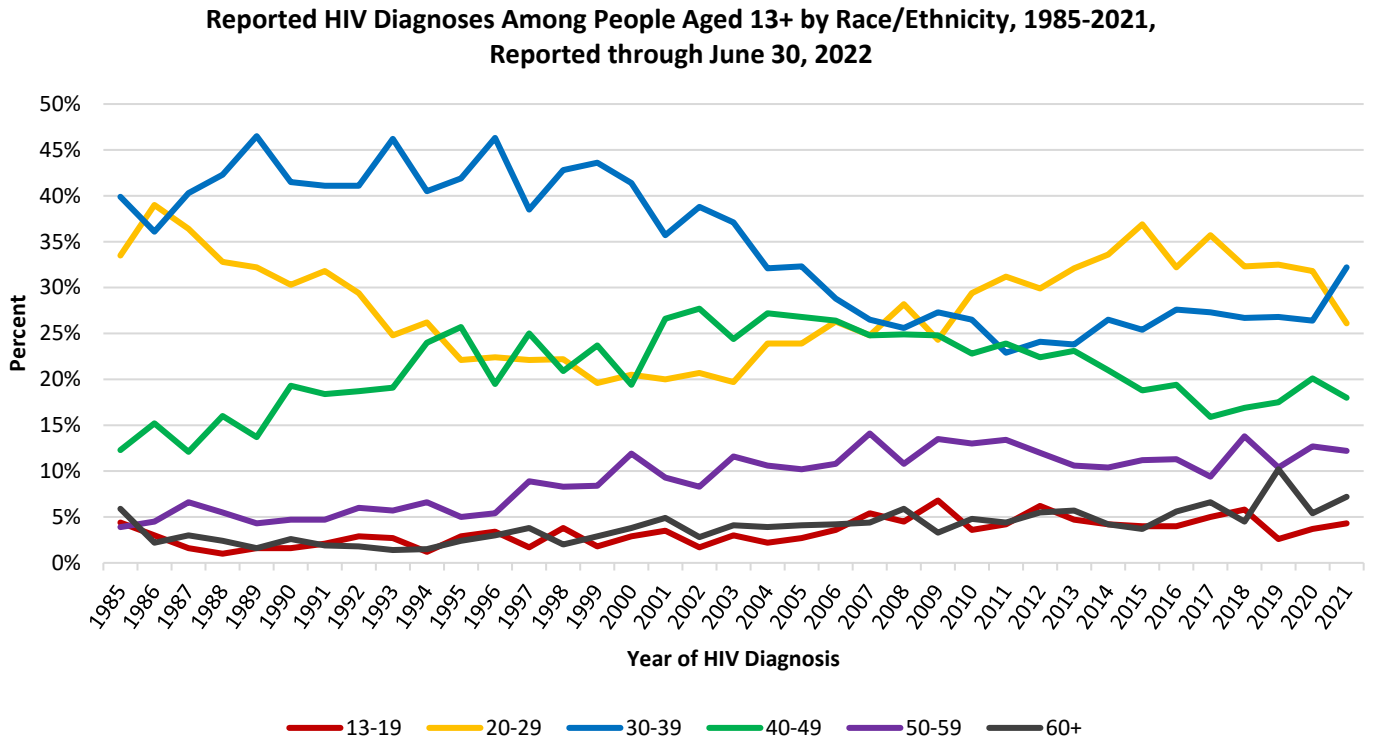
Year of HIV Diagnosis	Reported HIV Diagnoses among People Aged 13+								
		Race/Ethnicity							
	No.	Hispanic		Non-Hispanic Black, only		Non-Hispanic White, only		Non-Hispanic Other Race	
		No.	%	No.	%	No.	%	No.	%
<1985	115	4	3.5%	68	59.1%	37	32.2%	6	5.2%
1985	203	9	4.4%	95	46.8%	88	43.3%	11	5.4%
1986	269	13	4.8%	137	50.9%	114	42.4%	5	1.9%
1987	365	14	3.8%	187	51.2%	160	43.8%	4	1.1%
1988	418	29	6.9%	230	55.0%	147	35.2%	12	2.9%
1989	490	19	3.9%	303	61.8%	158	32.2%	10	2.0%
1990	508	19	3.7%	332	65.4%	144	28.3%	13	2.6%
1991	572	33	5.8%	393	68.7%	136	23.8%	10	1.7%
1992	513	32	6.2%	363	70.8%	104	20.3%	14	2.7%
1993	439	29	6.6%	330	75.2%	69	15.7%	11	2.5%
1994	412	22	5.3%	300	72.8%	79	19.2%	11	2.7%
1995	420	23	5.5%	326	77.6%	58	13.8%	13	3.1%
1996	406	27	6.7%	316	77.8%	48	11.8%	15	3.7%
1997	416	24	5.8%	328	78.8%	51	12.3%	13	3.1%
1998	397	24	6.0%	318	80.1%	40	10.1%	15	3.8%
1999	443	29	6.5%	350	79.0%	41	9.3%	23	5.2%
2000	444	38	8.6%	338	76.1%	42	9.5%	26	5.9%
2001	429	29	6.8%	347	80.9%	31	7.2%	22	5.1%
2002	459	30	6.5%	366	79.7%	36	7.8%	27	5.9%
2003	533	46	8.6%	428	80.3%	31	5.8%	28	5.3%
2004	585	38	6.5%	482	82.4%	37	6.3%	28	4.8%
2005	589	44	7.5%	465	78.9%	42	7.1%	38	6.5%
2006	640	60	9.4%	498	77.8%	52	8.1%	30	4.7%
2007	781	82	10.5%	588	75.3%	74	9.5%	37	4.7%
2008	710	87	12.3%	531	74.8%	47	6.6%	45	6.3%
2009	630	68	10.8%	490	77.8%	38	6.0%	34	5.4%
2010	646	58	9.0%	487	75.4%	60	9.3%	41	6.3%
2011	568	73	12.9%	411	72.4%	45	7.9%	39	6.9%
2012	532	58	10.9%	393	73.9%	39	7.3%	42	7.9%
2013	576	59	10.2%	455	79.0%	31	5.4%	31	5.4%
2014	547	68	12.4%	404	73.9%	44	8.0%	31	5.7%
2015	544	67	12.3%	420	77.2%	30	5.5%	27	5.0%
2016	479	48	10.0%	390	81.4%	18	3.8%	23	4.8%
2017	498	69	13.9%	370	74.3%	31	6.2%	28	5.6%
2018	449	48	10.7%	352	78.4%	23	5.1%	26	5.8%
2019	422	61	14.5%	316	74.9%	26	6.2%	19	4.5%
2020	299	47	15.7%	220	73.6%	15	5.0%	17	5.7%
2021	345	65	18.8%	249	72.2%	20	5.8%	11	3.2%
Total	18,091	1,593	8.8%	13,376	73.9%	2,286	12.6%	836	4.6%

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

Figure 6 – Trends in Reported HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Age at HIV Diagnosis, 1985-2021, Reported through June 30, 2022

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 2021, as Reported through June 30, 2022



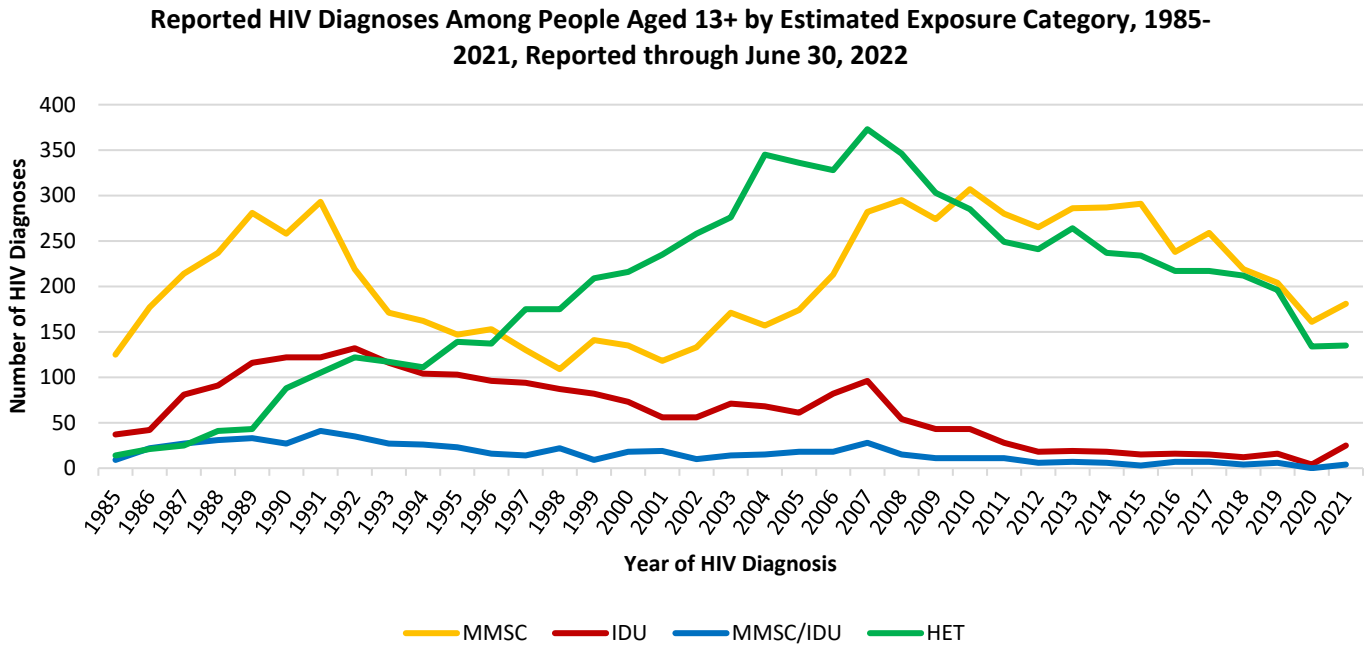


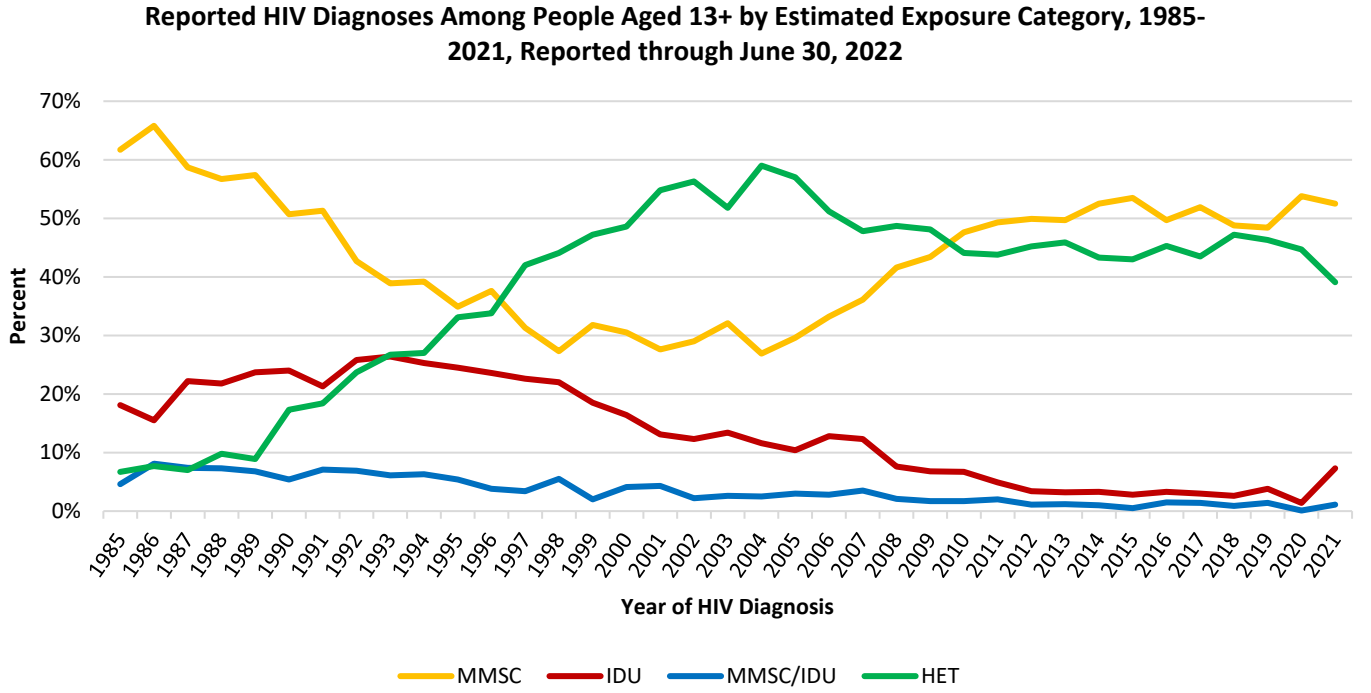
Year of HIV Diagnosis	Reported HIV Diagnoses among People Aged 13+												
		Age at HIV Diagnosis											
	No.	13-19		20-29		30-39		40-49		50-59		60+	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<1985	115	12	10.4%	43	37.4%	34	29.6%	19	16.5%	4	3.5%	3	2.6%
1985	203	9	4.4%	68	33.5%	81	39.9%	25	12.3%	8	3.9%	12	5.9%
1986	269	8	3.0%	105	39.0%	97	36.1%	41	15.2%	12	4.5%	6	2.2%
1987	365	6	1.6%	133	36.4%	147	40.3%	44	12.1%	24	6.6%	11	3.0%
1988	418	4	1.0%	137	32.8%	177	42.3%	67	16.0%	23	5.5%	10	2.4%
1989	490	8	1.6%	158	32.2%	228	46.5%	67	13.7%	21	4.3%	8	1.6%
1990	508	8	1.6%	154	30.3%	211	41.5%	98	19.3%	24	4.7%	13	2.6%
1991	572	12	2.1%	182	31.8%	235	41.1%	105	18.4%	27	4.7%	11	1.9%
1992	513	15	2.9%	151	29.4%	211	41.1%	96	18.7%	31	6.0%	9	1.8%
1993	439	12	2.7%	109	24.8%	203	46.2%	84	19.1%	25	5.7%	6	1.4%
1994	412	5	1.2%	108	26.2%	167	40.5%	99	24.0%	27	6.6%	6	1.5%
1995	420	12	2.9%	93	22.1%	176	41.9%	108	25.7%	21	5.0%	10	2.4%
1996	406	14	3.4%	91	22.4%	188	46.3%	79	19.5%	22	5.4%	12	3.0%
1997	416	7	1.7%	92	22.1%	160	38.5%	104	25.0%	37	8.9%	16	3.8%
1998	397	15	3.8%	88	22.2%	170	42.8%	83	20.9%	33	8.3%	8	2.0%
1999	443	8	1.8%	87	19.6%	193	43.6%	105	23.7%	37	8.4%	13	2.9%
2000	444	13	2.9%	91	20.5%	184	41.4%	86	19.4%	53	11.9%	17	3.8%
2001	429	15	3.5%	86	20.0%	153	35.7%	114	26.6%	40	9.3%	21	4.9%
2002	459	8	1.7%	95	20.7%	178	38.8%	127	27.7%	38	8.3%	13	2.8%
2003	533	16	3.0%	105	19.7%	198	37.1%	130	24.4%	62	11.6%	22	4.1%
2004	585	13	2.2%	140	23.9%	188	32.1%	159	27.2%	62	10.6%	23	3.9%
2005	589	16	2.7%	141	23.9%	190	32.3%	158	26.8%	60	10.2%	24	4.1%
2006	640	23	3.6%	168	26.3%	184	28.8%	169	26.4%	69	10.8%	27	4.2%
2007	781	42	5.4%	194	24.8%	207	26.5%	194	24.8%	110	14.1%	34	4.4%
2008	710	32	4.5%	200	28.2%	182	25.6%	177	24.9%	77	10.8%	42	5.9%
2009	630	43	6.8%	153	24.3%	172	27.3%	156	24.8%	85	13.5%	21	3.3%
2010	646	23	3.6%	190	29.4%	171	26.5%	147	22.8%	84	13.0%	31	4.8%
2011	568	24	4.2%	177	31.2%	130	22.9%	136	23.9%	76	13.4%	25	4.4%
2012	532	33	6.2%	159	29.9%	128	24.1%	119	22.4%	64	12.0%	29	5.5%
2013	576	27	4.7%	185	32.1%	137	23.8%	133	23.1%	61	10.6%	33	5.7%
2014	547	23	4.2%	184	33.6%	145	26.5%	115	21.0%	57	10.4%	23	4.2%
2015	544	22	4.0%	201	36.9%	138	25.4%	102	18.8%	61	11.2%	20	3.7%
2016	479	19	4.0%	154	32.2%	132	27.6%	93	19.4%	54	11.3%	27	5.6%
2017	498	25	5.0%	178	35.7%	136	27.3%	79	15.9%	47	9.4%	33	6.6%
2018	449	26	5.8%	145	32.3%	120	26.7%	76	16.9%	62	13.8%	20	4.5%
2019	422	11	2.6%	137	32.5%	113	26.8%	74	17.5%	44	10.4%	43	10.2%
2020	299	11	3.7%	95	31.8%	79	26.4%	60	20.1%	38	12.7%	16	5.4%
2021	345	15	4.3%	90	26.1%	111	32.2%	62	18.0%	42	12.2%	25	7.2%
Total	18,091	635	3.5%	5,067	28.0%	6,054	33.5%	3,890	21.5%	1,722	9.5%	723	4.0%

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

Figure 7 – Trends in Reported HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Estimated Exposure Category, 1985-2021, Reported through June 30, 2022

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 2021, as Reported through June 30, 2022





Other exposure category not shown.

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

Year of HIV Diagnosis	Reported HIV Diagnoses among People Aged 13+											
	No.	% with No Reported Exposure[¥]	Estimated Exposure Category[§]									
			MMSC		IDU		MMSC/IDU		HET		Other Exposure	
			No.	%	No.	%	No.	%	No.	%	No.	%
<1985	115	9.6%	77	66.9%	16	14.0%	10	8.4%	8	7.2%	4	3.5%
1985	203	6.9%	125	61.7%	37	18.1%	9	4.6%	14	6.7%	18	8.9%
1986	269	3.7%	177	65.8%	42	15.5%	22	8.1%	21	7.7%	8	3.0%
1987	365	3.3%	214	58.7%	81	22.2%	27	7.4%	25	7.0%	17	4.7%
1988	418	6.5%	237	56.7%	91	21.8%	31	7.3%	41	9.8%	18	4.3%
1989	490	6.9%	281	57.4%	116	23.7%	33	6.8%	43	8.9%	16	3.3%
1990	508	5.1%	258	50.7%	122	24.0%	27	5.4%	88	17.3%	13	2.6%
1991	572	7.5%	293	51.3%	122	21.3%	41	7.1%	105	18.4%	11	1.9%
1992	513	10.9%	219	42.7%	132	25.8%	35	6.9%	122	23.7%	5	1.0%
1993	439	9.8%	171	38.9%	116	26.4%	27	6.1%	117	26.7%	8	1.8%
1994	412	9.5%	162	39.2%	104	25.3%	26	6.3%	111	27.0%	9	2.2%
1995	420	12.4%	147	34.9%	103	24.5%	23	5.4%	139	33.1%	9	2.1%
1996	406	15.3%	153	37.6%	96	23.6%	16	3.8%	137	33.8%	5	1.2%
1997	416	16.1%	130	31.3%	94	22.6%	14	3.4%	175	42.0%	3	0.7%
1998	397	18.1%	109	27.3%	87	22.0%	22	5.5%	175	44.1%	4	1.0%
1999	443	15.1%	141	31.8%	82	18.5%	9	2.0%	209	47.2%	2	0.5%
2000	444	17.6%	135	30.5%	73	16.4%	18	4.1%	216	48.6%	2	0.5%
2001	429	16.3%	118	27.6%	56	13.1%	19	4.3%	235	54.8%	1	0.2%
2002	459	13.3%	133	29.0%	56	12.3%	10	2.2%	258	56.3%	1	0.2%
2003	533	13.1%	171	32.1%	71	13.4%	14	2.6%	276	51.8%	1	0.2%
2004	585	19.8%	157	26.9%	68	11.6%	15	2.5%	345	59.0%	0	0.0%
2005	589	20.9%	174	29.6%	61	10.4%	18	3.0%	336	57.0%	0	0.0%
2006	640	27.8%	213	33.2%	82	12.8%	18	2.8%	328	51.2%	0	0.0%
2007	781	29.1%	282	36.1%	96	12.3%	28	3.5%	373	47.8%	2	0.3%
2008	710	36.8%	295	41.6%	54	7.6%	15	2.1%	346	48.7%	0	0.0%
2009	630	35.2%	274	43.4%	43	6.8%	11	1.7%	303	48.1%	0	0.0%
2010	646	36.7%	307	47.6%	43	6.7%	11	1.7%	285	44.1%	0	0.0%
2011	568	37.1%	280	49.3%	28	4.9%	11	2.0%	249	43.8%	0	0.0%
2012	532	24.2%	265	49.9%	18	3.4%	6	1.1%	241	45.2%	2	0.4%
2013	576	21.0%	286	49.7%	19	3.2%	7	1.2%	264	45.9%	0	0.0%
2014	547	20.1%	287	52.5%	18	3.3%	6	1.0%	237	43.3%	0	0.0%
2015	544	13.6%	291	53.5%	15	2.8%	3	0.5%	234	43.0%	1	0.2%
2016	479	17.7%	238	49.7%	16	3.3%	7	1.5%	217	45.3%	1	0.2%
2017	498	18.5%	259	51.9%	15	3.0%	7	1.4%	217	43.5%	1	0.2%
2018	449	15.8%	219	48.8%	12	2.6%	4	0.9%	212	47.2%	2	0.4%
2019	422	26.5%	204	48.4%	16	3.8%	6	1.4%	196	46.3%	0	0.0%
2020	299	15.1%	161	53.8%	4	1.4%	0	0.1%	134	44.7%	0	0.0%
2021	345	52.2%	181	52.5%	25	7.3%	4	1.1%	135	39.1%	0	0.0%
Total	18,091	19.4%	7,824	43.2%	2,330	12.9%	610	3.4%	7,167	39.6%	164	0.9%

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

[¥]Percent with no reported exposure prior to multiple imputation adjustment.

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

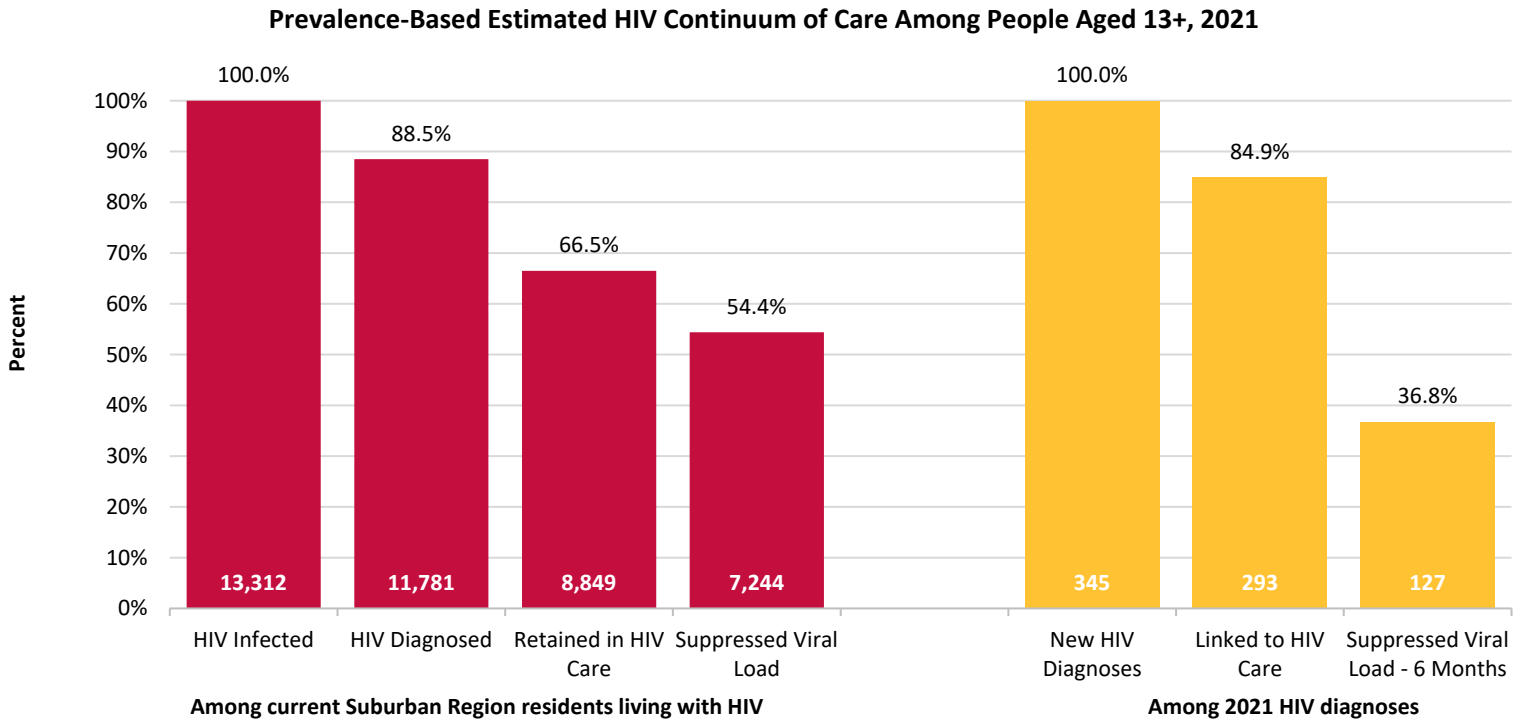
Data for 2020 and 2021 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing and care-related services.

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 persons living with HIV who belong to each of the stages of engagement in HIV care.

Figure 8 – Prevalence-Based Estimated 2021 HIV Continuum of Care Cascades, among Current Suburban Region Residents Aged 13+, Reported through June 30, 2022

The prevalence-based Suburban Region Engagement in HIV Care Cascades (below) apply the CDC CD4 depletion model to Maryland surveillance data, reported through June 30, 2022, to estimate the number of people living with undiagnosed HIV (11.5%) and the estimated number of people living with HIV currently residing in the Suburban Region. Maryland surveillance data is then used to describe the number and percentage of persons living with HIV in the Suburban Region on December 31, 2021 and the number and percentage of new HIV diagnoses in 2021 who belong to each of the stages of engagement in HIV care.



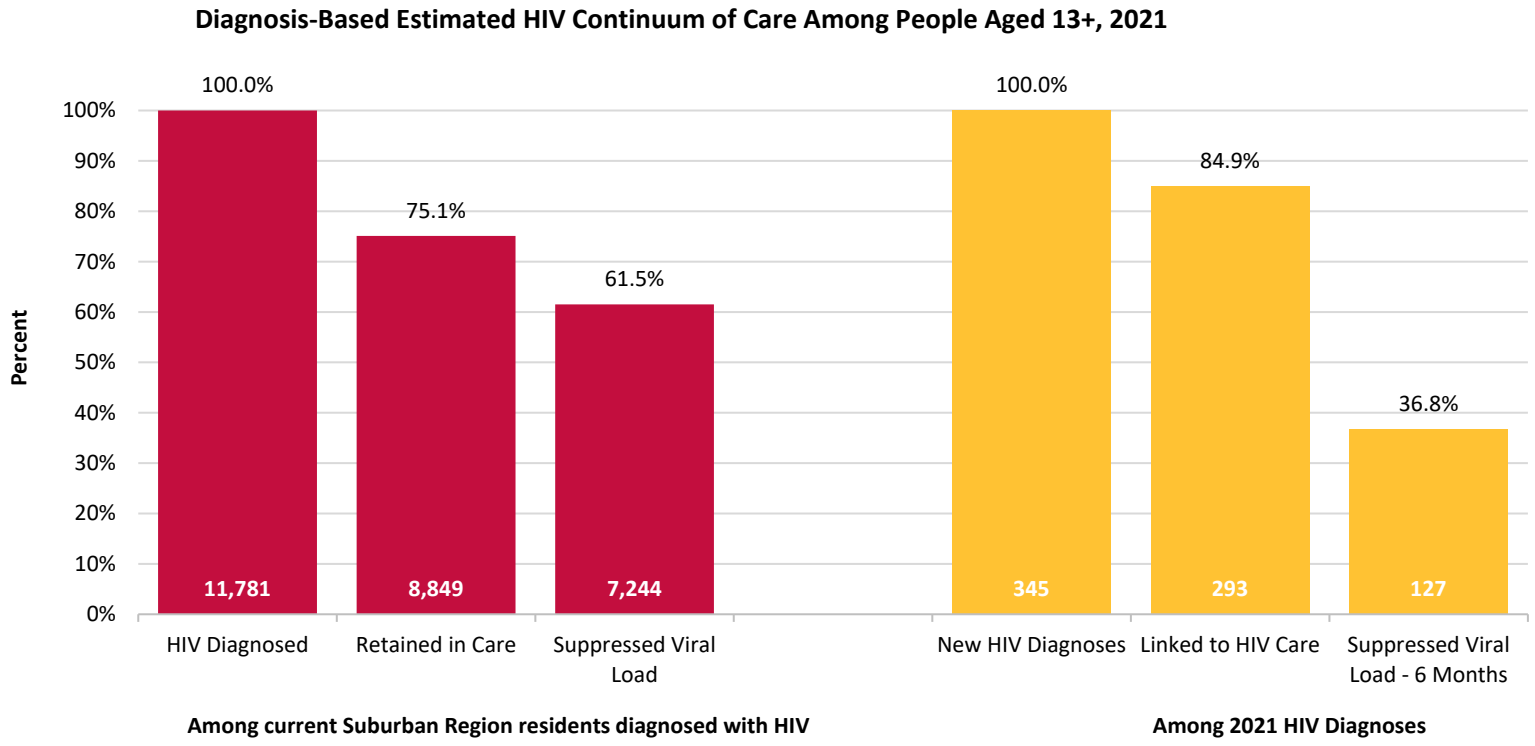
Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2021 HIV Diagnoses	
	Number	Percent		Number	Percent
HIV Infected	13,312	100.0%	New HIV Diagnoses	345	100.0%
HIV Diagnosed	11,781	88.5%	Linked to HIV Care	293	84.9%
Retained in HIV Care	8,849	66.5%	Suppressed Viral Load – 6 Months	127	36.8%
Suppressed Viral Load	7,244	54.4%			

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

[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 2021 HIV Continuum of Care Cascades, among Current Suburban Region Residents Aged 13+, Reported through June 30, 2022

The diagnosis-based Suburban Region Engagement in HIV Care Cascade (below) uses Maryland surveillance data for current Suburban Region residents to describe the number and percentage of persons living with diagnosed HIV in the Suburban Region on December 31, 2021 and the number and percentage of new HIV diagnoses in 2021 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 2021 HIV Diagnoses	
	Number	Percent		Number	Percent
HIV Diagnosed	11,781	100.0%	New HIV Diagnoses	345	100.0%
Retained in HIV Care	8,849	75.1%	Linked to HIV Care	293	84.9%
Suppressed Viral Load	7,244	61.5%	Suppressed Viral Load – 6 Months	127	36.8%

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

Section IV – By Jurisdiction

Table 1 – Reported HIV Diagnoses and Reported AIDS Diagnoses, among People Aged 13+ during 2021, by Jurisdiction of Residence at Diagnosis, Reported through June 30, 2022

Jurisdiction of Residence at Diagnosis	Population Aged 13+	Reported HIV Diagnoses among People Aged 13+			Reported AIDS Diagnoses among People Aged 13+		
		No.	% of Total	Rate	No.	% of Total	Rate
Montgomery	884,987	101	29.3%	11.4	49	26.8%	5.5
Prince George's	802,287	244	70.7%	30.4	134	73.2%	16.7
Total	1,687,274	345	100.0%	20.4	183	100.0%	10.8

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

Table 2 – Reported HIV Diagnoses, among People Aged 13+ during 2021, Linked to Care, Viral Suppression, Late Diagnosis, and First CD4 Test Result by Jurisdiction of Residence at Diagnosis, Reported through June 30, 2022

Jurisdiction of Residence at HIV Diagnosis	Reported 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
Montgomery	101	87.1%	41.6%	30.7%	93.1%	371
Prince George's	244	84.0%	34.8%	25.0%	91.0%	408
Total	345	84.9%	36.8%	26.7%	91.6%	404

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

Table 3 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Jurisdiction of Residence at Diagnosis and Current Residence, Reported through June 30, 2022

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)	
Montgomery	884,987	4,193	34.2%	473.8	211	3,674	31.2%	415.1	241	-12.4%
Prince George's	802,287	8,066	65.8%	1,005.4	99	8,107	68.8%	1,010.5	99	0.5%
Total	1,687,274	12,259	100.0%	726.6	138	11,781	100.0%	698.2	143	-3.9%

Table 4 – CD4 Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Jurisdiction of Current Residence, Reported through June 30, 2022

Jurisdiction of Current Residence	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+
Montgomery	3,674	2,534	69.0%	595	6.4%	12.5%	18.0%	63.2%
Prince George's	8,107	6,034	74.4%	636	6.6%	10.6%	15.9%	66.9%
Total	11,781	8,568	72.7%	623	6.5%	11.2%	16.5%	65.8%

Table 5 – Viral Load Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Jurisdiction of Current Residence, Reported through June 30, 2022

Jurisdiction of Current Residence	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed Viral Load
Montgomery	3,674	2,358	64.2%	91.5%	9,235
Prince George's	8,107	5,644	69.6%	90.1%	9,335
Total	11,781	8,002	67.9%	90.5%	9,335

Section V – By Age

Table 6 – Reported HIV Diagnoses during 2021, Linked to Care, Viral Suppression, Late Diagnosis, and First CD4 Test Result by Age at HIV Diagnosis, Reported through June 30, 2022

Age at HIV Diagnosis	Population	Reported HIV Diagnoses							
		No.	% of Total	Rate	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	First CD4 Test Result	
								% with Test	Median Count
<5 (Pediatric)	120,113	0	0.0%	0.0	--	--	--	--	--
5-12 (Pediatric)	202,746	1	0.3%	0.5	***	***	***	***	***
13-19	180,006	15	4.3%	8.3	***	***	***	***	***
20-29	244,231	90	26.0%	36.9	86.7%	41.1%	8.9%	93.3%	502
30-39	274,571	111	32.1%	40.4	87.4%	33.3%	35.1%	92.8%	307
40-49	267,290	62	17.9%	23.2	85.5%	40.3%	27.4%	88.7%	405
50-59	278,976	42	12.1%	15.1	81.0%	38.1%	40.5%	90.5%	335
60+	442,200	25	7.2%	5.7	80.0%	32.0%	40.0%	96.0%	253
Total	2,010,133	346	100.0%	17.2	85.0%	37.0%	26.6%	91.6%	405

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

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

Table 7 – People Living with Diagnosed HIV, Alive on December 31, 2021, by Age on December 31, 2021, Reported through June 30, 2022

Age on December 31, 2021	Population	Total People Living with Diagnosed HIV			
		No.	% of Total	Rate	Ratio (1 in X)
<5 (Pediatric)	120,113	1	0.0%	0.8	120,113
5-12 (Pediatric)	202,746	7	0.1%	3.5	28,964
13-19	180,006	66	0.6%	36.7	2,727
20-29	244,231	889	7.5%	364.0	275
30-39	274,571	2,479	21.0%	902.9	111
40-49	267,290	2,717	23.0%	1,016.5	98
50-59	278,976	3,211	27.2%	1,151.0	87
60+	442,200	2,419	20.5%	547.0	183
Total	2,010,133	11,789	100.0%	586.5	171

Table 8 – CD4 Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Age on December 31, 2021, Reported through June 30, 2022

Age on December 31, 2021	Total People Aged 13+ Living with Diagnosed HIV							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	66	47	71.2%	650	10.6%	2.1%	14.9%	72.3%
20-29	889	673	75.7%	667	5.5%	8.3%	12.2%	74.0%
30-39	2,479	1,767	71.3%	640	6.4%	10.4%	15.6%	67.6%
40-49	2,717	1,930	71.0%	634	6.9%	10.3%	16.2%	66.6%
50-59	3,211	2,432	75.7%	614	6.4%	11.6%	17.4%	64.5%
60+	2,419	1,719	71.1%	587	6.7%	13.7%	18.2%	61.4%
Total	11,781	8,568	72.7%	623	6.5%	11.2%	16.5%	65.8%

Table 9 – Viral Load Test Results during 2021 for People Living with Diagnosed HIV, Alive on December 31, 2021, by Age on December 31, 2021, Reported through June 30, 2022

Age on December 31, 2021	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed Viral Load
13-19	66	55	83.3%	78.2%	10,650
20-29	889	632	71.1%	81.3%	9,285
30-39	2,479	1,661	67.0%	86.4%	12,299
40-49	2,717	1,796	66.1%	91.8%	10,320
50-59	3,211	2,270	70.7%	92.5%	4,880
60+	2,419	1,588	65.6%	94.8%	4,040
Total	11,781	8,002	67.9%	90.5%	9,335

Section VI – By Demographics

Table 10 – Reported HIV Diagnoses, among People Aged 13+ during 2021, Linked to Care, Viral Suppression, Late Diagnosis, and First CD4 Test Result by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2022

Demographic Characteristics	Population Aged 13+	Reported HIV Diagnoses among People Aged 13+							
		No.	% of Total	Rate	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	First CD4 Test Result	
								% with Test	Median Count
Sex at Birth									
Female	877,921	95	27.5%	10.8	84.2%	40.0%	26.3%	91.6%	422
Male	809,354	250	72.5%	30.9	85.2%	35.6%	26.8%	91.6%	382
Gender									
Cisgender Man or Boy	809,354	241	69.9%	29.8	85.1%	35.7%	27.8%	91.3%	371
Cisgender Woman or Girl	877,921	94	27.2%	10.7	85.1%	40.4%	26.6%	91.5%	424
Transgender Woman or Girl	--	9	2.6%	0.0	***	***	***	***	***
Transgender Man or Boy	--	1	0.3%	0.0	***	***	***	***	***
Another Gender Identity	--	0	0.0%	0.0	--	--	--	--	--
Race/Ethnicity									
Hispanic	309,341	65	18.8%	21.0	89.2%	43.1%	33.8%	95.4%	353
Non-Hispanic	1,377,933	280	81.2%	20.3	83.9%	35.4%	25.0%	90.7%	409
American Indian/Alaska Native, only	3,530	0	0.0%	0.0	--	--	--	--	--
Asian, only	178,007	7	2.0%	3.9	***	***	***	***	***
Black, only	669,313	249	72.2%	37.2	82.7%	35.3%	24.5%	90.4%	416
Native Hawaiian/Other Pacific Islander, only	736	0	0.0%	0.0	--	--	--	--	--
White, only	491,654	20	5.8%	4.1	95.0%	30.0%	25.0%	95.0%	382
Multiracial/Other	34,694	4	1.2%	11.5	***	***	***	***	***
Total	1,687,274	345	100.0%	20.4	84.9%	36.8%	26.7%	91.6%	404
Country of Birth									
United States	1,112,484	277	80.3%	24.9	84.8%	34.3%	23.1%	91.0%	415
Foreign-Born	522,919	58	16.8%	11.1	86.2%	48.3%	37.9%	94.8%	322
Africa	--	32	9.3%	--	84.4%	43.8%	37.5%	93.8%	260
Asia	--	2	0.6%	--	***	***	***	***	***
Caribbean	--	5	1.4%	--	***	***	***	***	***
Central America	--	14	4.1%	--	92.9%	71.4%	42.9%	100.0%	342
Other	--	5	1.4%	--	100.0%	***	***	***	***
Unknown	--	10	2.9%	--	80.0%	***	***	***	***
Total	1,635,403	345	100.0%	21.1	84.9%	36.8%	26.7%	91.6%	404

Note. Population data by sex at birth, age, and race/ethnicity are from the 2021 United States Census population estimates. Population data by gender are unavailable. Population data by country of birth are from the 2020 American Community Survey.

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

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

Table 11 – Reported HIV Diagnoses, among People Aged 13+ during 2021 by Sex at Birth and Race/Ethnicity, Reported through June 30, 2022

Race/Ethnicity	Reported HIV Diagnoses among People Aged 13+							
	Sex at Birth							
	Female				Male			
	Population 13+	No.	% of Total	Rate	Population 13+	No.	% of Total	Rate
Hispanic	148,661	10	10.5%	6.7	160,680	55	22.0%	34.2
Non-Hispanic	729,260	85	89.5%	11.7	648,673	195	78.0%	30.1
American Indian/Alaska Native, only	1,915	0	0.0%	0.0	1,615	0	0.0%	0.0
Asian, only	94,817	1	1.1%	1.1	83,190	6	2.4%	7.2
Black, only	362,543	80	84.2%	22.1	306,769	169	67.6%	55.1
Native Hawaiian/Other Pacific Islander, only	418	0	0.0%	0.0	318	0	0.0%	0.0
White, only	250,938	3	3.2%	1.2	240,716	17	6.8%	7.1
Multiracial/Other	18,629	1	1.1%	5.4	16,064	3	1.2%	18.7
Total	877,921	95	100.0%	10.8	809,354	250	100.0%	30.9

Note. Population data by sex at birth, age, and race/ethnicity are from the 2021 United State Census population estimates.

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

Table 12 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2022

Demographic Characteristics	Population Aged 13+	Total People Aged 13+ Living with Diagnosed HIV			
		No.	% of Total	Rate	Ratio (1 in X)
Sex at Birth					
Female	877,921	4,029	34.2%	458.9	218
Male	809,354	7,752	65.8%	957.8	104
Gender					
Cisgender Man or Boy	809,354	7,662	65.0%	946.7	106
Cisgender Woman or Girl	877,921	4,024	34.2%	458.4	218
Transgender Woman or Girl	--	90	0.8%	--	--
Transgender Man or Boy	--	5	0.0%	--	--
Another Gender Identity	--	0	0.0%	--	--
Race/Ethnicity					
Hispanic	309,341	1,255	10.7%	405.7	246
Non-Hispanic	1,377,933	10,526	89.3%	763.9	131
American Indian/Alaska Native, only	3,530	***	***	***	***
Asian, only	178,007	124	1.1%	69.7	1,436
Black, only	669,313	9,026	76.6%	1,348.5	74
Native Hawaiian/Other Pacific Islander, only	736	***	***	***	***
White, only	491,654	818	6.9%	166.4	601
Multiracial/Other	34,694	544	4.6%	1,568.0	64
Total	1,687,274	11,781	100.0%	698.2	143
Country of Birth					
United States	1,112,484	8,621	73.2%	774.9	129
Foreign-Born	522,919	2,800	23.8%	535.5	187
Africa	--	1,879	15.9%	--	--
Asia	--	95	0.8%	--	--
Caribbean	--	173	1.5%	--	--
Central America	--	449	3.8%	--	--
Other	--	204	1.7%	--	--
Unknown	--	360	3.1%	--	--
Total	1,635,403	11,781	100.0%	720.4	139

Note. Population data by sex at birth, age, and race/ethnicity are from the 2021 United States Census population estimates. Population data by gender are unavailable. Population data by country of birth are from the 2020 American Community Survey.

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

Table 13 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2022

Race/Ethnicity	Total People Aged 13+ Living with Diagnosed HIV							
	Sex at Birth							
	Female				Male			
	Population 13+	No.	% of Total	Rate	Population 13+	No.	% of Total	Rate
Hispanic	148,661	266	6.6%	178.9	160,680	989	12.8%	615.5
Non-Hispanic	729,260	3,763	93.4%	516.0	648,673	6,763	87.2%	1,042.6
American Indian/Alaska Native, only	1,915	***	***	***	1,615	***	***	***
Asian, only	94,817	20	0.5%	21.1	83,190	104	1.3%	125
Black, only	362,543	3,467	86.1%	956.3	306,769	5,559	71.7%	1,812.1
Native Hawaiian/Other Pacific Islander, only	418	***	***	***	318	***	***	***
White, only	250,938	127	3.2%	50.6	240,716	691	8.9%	287.1
Multiracial/Other	18,629	146	3.6%	783.7	16,064	398	5.1%	2,477.5
Total	877,921	4,029	100.0%	458.9	809,354	7,752	100.0%	957.8

Note. Population data by sex at birth, age, and race/ethnicity are from the 2021 United States Census population estimates.

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

Table 14 – CD4 Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2022

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+
Sex at Birth								
Female	4,029	2,918	72.4%	665	5.9%	10.5%	14.4%	69.2%
Male	7,752	5,650	72.9%	606	6.9%	11.5%	17.6%	64.0%
Gender								
Cisgender Man or Boy	7,662	5,584	72.9%	605	6.9%	11.5%	17.6%	64.0%
Cisgender Woman or Girl	4,024	2,914	72.4%	665	5.9%	10.5%	14.4%	69.2%
Transgender Woman or Girl	90	***	***	***	***	***	***	***
Transgender Man or Boy	5	***	***	***	***	***	***	***
Another Gender Identity	0	--	--	--	--	--	--	--
Race/Ethnicity								
Hispanic	1,255	930	74.1%	605	6.6%	11.2%	18.3%	64.0%
Non-Hispanic	10,526	7,638	72.6%	626	6.5%	11.2%	16.3%	66.0%
American Indian/Alaska Native, only	***	***	***	***	***	***	***	***
Asian, only	124	82	66.1%	593	4.9%	9.8%	18.3%	67.1%
Black, only	9,026	6,544	72.5%	627	6.8%	11.2%	16.1%	65.8%
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***	***	***	***
White, only	818	567	69.3%	658	3.4%	9.7%	15.2%	71.8%
Multiracial/Other	544	435	80.0%	584	7.1%	12.6%	19.8%	60.5%
Country of Birth								
United States	8,621	6,361	73.8%	634	6.7%	10.8%	15.5%	66.9%
Foreign-Born	2,800	1,970	70.4%	592	6.1%	12.3%	19.3%	62.3%
Africa	1,879	1,296	69.0%	584	6.6%	12.3%	19.3%	61.8%
Asia	95	73	76.8%	578	1.4%	12.3%	21.9%	64.4%
Caribbean	173	127	73.4%	704	7.9%	11.8%	11.8%	68.5%
Central America	449	345	76.8%	598	5.2%	13.6%	20.3%	60.9%
Other	204	129	63.2%	619	3.9%	10.1%	22.5%	63.6%
Unknown	360	237	65.8%	628	5.9%	11.0%	19.0%	64.1%
Total	11,781	8,568	72.7%	623	6.5%	11.2%	16.5%	65.8%

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

Table 15 – Viral Load Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2022

Demographic Characteristics	Total People Aged 13+ Living with Diagnosed HIV				
		Recent Viral Load Test Result			
	No.	No. with Test	% with Test	% Suppressed	Median Unsuppressed Viral Load
Sex at Birth					
Female	4,029	2,725	67.6%	91.6%	5,754
Male	7,752	5,277	68.1%	90.0%	10,790
Gender					
Cisgender Man or Boy	7,662	5,213	68.0%	90.1%	10,900
Cisgender Woman or Girl	4,024	2,721	67.6%	91.6%	5,740
Transgender Woman or Girl	90	***	***	***	***
Transgender Man or Boy	5	***	***	***	***
Another Gender Identity	0	--	--	--	--
Race/Ethnicity					
Hispanic	1,255	883	70.4%	90.4%	10,500
Non-Hispanic	10,526	7,119	67.6%	90.5%	9,300
American Indian/Alaska Native, only	***	***	***	***	***
Asian, only	124	81	65.3%	93.8%	33,100
Black, only	9,026	6,069	67.2%	89.9%	9,335
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***
White, only	818	552	67.5%	95.5%	18,300
Multiracial/Other	544	407	74.8%	92.6%	2,620
Country of Birth					
United States	8,621	5,956	69.1%	89.9%	9,355
Foreign-Born	2,800	1,830	65.4%	92.7%	9,939
Africa	1,879	1,194	63.5%	92.4%	8,660
Asia	95	65	68.4%	96.9%	209,050
Caribbean	173	118	68.2%	92.4%	34,184
Central America	449	332	73.9%	92.2%	8,110
Other	204	121	59.3%	95.0%	23,972
Unknown	360	216	60.0%	89.8%	2,170
Total	11,781	8,002	67.9%	90.5%	9,335

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

Table 16 – Females Living with Diagnosed HIV by Age on December 31, 2021 and Race/Ethnicity, Alive on December 31, 2021, and Reported through June 30, 2022

Total Females Living with Diagnosed HIV						
Age on December 31, 2021		Race/Ethnicity				Total Females by Age Group
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	46,961	57,005	32,343	21,304	157,613
	Number	0	4	1	0	5
	Rate	0.0	7.0	3.1	0.0	3.2
	Ratio (1 in X)	--	14,251	32,343	--	31,523
13-19	Population	22,725	32,308	21,078	11,891	88,002
	Number	3	22	1	1	27
	Rate	13.2	68.1	4.7	8.4	30.7
	Ratio (1 in X)	7,575	1,469	21,078	11,891	3,259
20-29	Population	26,516	52,601	28,371	15,757	123,245
	Number	14	163	5	4	186
	Rate	52.8	309.9	17.6	25.4	150.9
	Ratio (1 in X)	1,894	323	5,674	3,939	663
30-39	Population	27,960	57,413	34,059	19,282	138,714
	Number	47	463	20	24	554
	Rate	168.1	806.4	58.7	124.5	399.4
	Ratio (1 in X)	595	124	1,703	803	250
40-49	Population	28,499	55,167	32,553	20,102	136,321
	Number	81	980	24	51	1,136
	Rate	284.2	1,776.4	73.7	253.7	833.3
	Ratio (1 in X)	352	56	1,356	394	120
50-59	Population	21,079	65,210	40,547	18,950	145,786
	Number	73	1,054	31	49	1,207
	Rate	346.3	1,616.3	76.5	258.6	827.9
	Ratio (1 in X)	289	62	1,308	387	121
60+	Population	21,882	99,844	94,330	29,797	245,853
	Number	48	785	46	40	919
	Rate	219.4	786.2	48.8	134.2	373.8
	Ratio (1 in X)	456	127	2,051	745	268
Total Females by Race/Ethnicity	Population	195,622	419,548	283,281	137,083	1,035,534
	Number	266	3,471	128	169	4,034
	Rate	136.0	827.3	45.2	123.3	389.6
	Ratio (1 in X)	735	121	2,213	811	257

Table 17 – Males Living with Diagnosed HIV by Age on December 31, 2021 and Race/Ethnicity, Alive on December 31, 2021, and Reported through June 30, 2022

Total Males Living with Diagnosed HIV						
Age on December 31, 2021		Race/Ethnicity				Total Males by Age Group
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	49,641	58,500	34,535	22,570	165,245
	Number	0	2	1	0	3
	Rate	0.0	3.4	2.9	0.0	1.8
	Ratio (1 in X)	--	29,250	34,535	--	55,082
13-19	Population	24,115	32,786	22,566	12,537	92,005
	Number	3	33	2	1	39
	Rate	12.4	100.7	8.9	8.0	42.4
	Ratio (1 in X)	8,038	994	11,283	12,537	2,359
20-29	Population	27,958	48,570	29,178	15,280	120,986
	Number	115	524	29	35	703
	Rate	411.3	1,078.9	99.4	229.1	581.1
	Ratio (1 in X)	243	93	1,006	437	172
30-39	Population	31,423	52,545	34,690	17,199	135,857
	Number	259	1,443	97	126	1,925
	Rate	824.2	2,746.2	279.6	732.6	1,416.9
	Ratio (1 in X)	121	36	358	137	71
40-49	Population	34,805	47,200	32,260	16,704	130,969
	Number	297	1,056	118	110	1,581
	Rate	853.3	2,237.3	365.8	658.5	1,207.2
	Ratio (1 in X)	117	45	273	152	83
50-59	Population	23,703	53,897	39,979	15,611	133,190
	Number	207	1,430	230	137	2,004
	Rate	873.3	2,653.2	575.3	877.6	1,504.6
	Ratio (1 in X)	115	38	174	114	66
60+	Population	18,676	71,771	82,043	23,857	196,347
	Number	108	1,073	215	104	1,500
	Rate	578.3	1,495.0	262.1	435.9	764.0
	Ratio (1 in X)	173	67	382	229	131
Total Males by Race/Ethnicity	Population	210,321	365,269	275,251	123,758	974,599
	Number	989	5,561	692	513	7,755
	Rate	470.2	1,522.4	251.4	414.5	795.7
	Ratio (1 in X)	213	66	398	241	126

Section VII – By HIV Exposure Category

Table 18 – Reported HIV Diagnoses, among People Aged 13+ during 2021, Linked to Care, Viral Suppression, Late Diagnosis, and First CD4 Test Result, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2022

Estimated or Reported Exposure Category	Reported HIV Diagnoses among People Aged 13+						
	No.	% of Total	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	First CD4 Test Result	
						% with Test	Median Count
Male-to-male Sexual Contact (MMSC)	181	52.5%	85.7%	37.0%	22.1%	90.4%	405
Injection Drug Use (IDU)	25	7.3%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	4	1.1%	***	***	***	***	***
Heterosexual Contact (HET)	135	39.1%	84.0%	39.5%	31.0%	93.9%	392
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	345	100.0%	84.9%	36.8%	26.7%	91.6%	404
Female Estimated or Reported Exposure Category							
Injection Drug Use (IDU)	8	8.4%	***	***	***	***	***
Heterosexual Contact (HET)	87	91.6%	***	***	***	***	***
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	95	100.0%	84.2%	40.0%	26.3%	91.6%	422
Male Estimated or Reported Exposure Category							
Male-to-male Sexual Contact (MMSC)	181	72.4%	85.7%	37.0%	22.1%	90.4%	405
Injection Drug Use (IDU)	17	6.8%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	4	1.6%	***	***	***	***	***
Heterosexual Contact (HET)	48	19.2%	84.2%	37.1%	39.0%	98.3%	284
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	250	100.0%	85.2%	35.6%	26.8%	91.6%	382

Note. Data for 2021 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, please see the Maryland HIV Epidemiological Profile Gender Diverse People Supplement.

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

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

Table 19 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2022

Estimated or Reported Exposure Category	Total People Aged 13+ Living with Diagnosed HIV	
	No.	% of Total
Male-to-male Sexual Contact (MMSC)	5,305	45.0%
Injection Drug Use (IDU)	735	6.2%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	260	2.2%
Heterosexual Contact (HET)	5,292	44.9%
Perinatal Transmission	141	1.2%
Other Exposure	13	0.1%
No Estimated or Reported Exposure	35	0.3%
Total	11,781	100.0%
Female Estimated or Reported Exposure Category		
Injection Drug Use (IDU)	344	8.5%
Heterosexual Contact (HET)	3,586	89.0%
Perinatal Transmission	80	2.0%
Other Exposure	7	0.2%
No Estimated or Reported Exposure	12	0.3%
Total	4,029	100.0%
Male Estimated or Reported Exposure Category		
Male-to-male Sexual Contact (MMSC)	5,305	68.4%
Injection Drug Use (IDU)	391	5.0%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	260	3.4%
Heterosexual Contact (HET)	1,706	22.0%
Perinatal Transmission	61	0.8%
Other Exposure	6	0.1%
No Estimated or Reported Exposure	23	0.3%
Total	7,752	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, please see the Maryland HIV Epidemiological Profile Gender Diverse People Supplement.

Table 20 – People Aged 13+ Living with Diagnosed HIV by Estimated or Reported Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on December 31, 2021, and Reported through June 30, 2022

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)	687	54.7%	3,637	40.3%	587	71.8%
Injection Drug Use (IDU)	40	3.2%	610	6.8%	47	5.8%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	25	2.0%	185	2.1%	29	3.5%
Heterosexual Contact (HET)	490	39.1%	4,436	49.1%	144	17.6%
Perinatal Transmission	10	0.8%	123	1.4%	4	0.5%
Other Exposure	1	0.1%	6	0.1%	4	0.5%
No Estimated or Reported Exposure	2	0.2%	29	0.3%	3	0.4%
Total	1,255	100.0%	9,026	100.0%	818	100.0%
Female Estimated or Reported Exposure Category						
Injection Drug Use (IDU)	14	5.2%	290	8.4%	22	17.0%
Heterosexual Contact (HET)	247	93.0%	3,092	89.2%	100	79.1%
Perinatal Transmission	4	1.5%	71	2.0%	2	1.6%
Other Exposure	0	0.0%	5	0.1%	1	0.8%
No Estimated or Reported Exposure	1	0.4%	9	0.3%	2	1.6%
Total	266	100.0%	3,467	100.0%	127	100.0%
Male Estimated or Reported Exposure Category						
Male-to-male Sexual Contact (MMSC)	687	69.5%	3,637	65.4%	587	84.9%
Injection Drug Use (IDU)	26	2.7%	320	5.8%	26	3.7%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	25	2.5%	185	3.3%	29	4.2%
Heterosexual Contact (HET)	243	24.6%	1,344	24.2%	43	6.3%
Perinatal Transmission	6	0.6%	52	0.9%	2	0.3%
Other Exposure	1	0.1%	1	0.0%	3	0.4%
No Estimated or Reported Exposure	1	0.1%	20	0.4%	1	0.1%
Total	989	100.0%	5,559	100.0%	691	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, please see the Maryland HIV Epidemiological Profile Gender Diverse People Supplement.

Table 21 – CD4 Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Estimated or Reported Exposure Category, Reported through June 30, 2022

Estimated or Reported Exposure Category	Total People Aged 13+ with Living Diagnosed HIV							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male-to-male Sexual Contact (MMSC)	5,305	3,939	74.3%	634	5.5%	10.1%	16.6%	67.7%
Injection Drug Use (IDU)	735	506	68.8%	616	8.2%	15.9%	13.0%	62.9%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	260	193	74.1%	543	7.0%	13.7%	21.3%	57.9%
Heterosexual Contact (HET)	5,292	3,792	71.7%	615	7.1%	11.7%	16.7%	64.5%
Perinatal Transmission	141	101	71.6%	650	11.9%	7.9%	11.9%	68.3%
Other Exposure	13	11	84.6%	517	0.0%	18.2%	27.3%	54.5%
No Estimated or Reported Exposure	35	26	74.3%	625	19.2%	0.0%	7.7%	73.1%
Total	11,781	8,568	72.7%	623	6.5%	11.2%	16.5%	65.8%

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

Table 22 – Viral Load Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Estimated or Reported Exposure Category, Reported through June 30, 2022

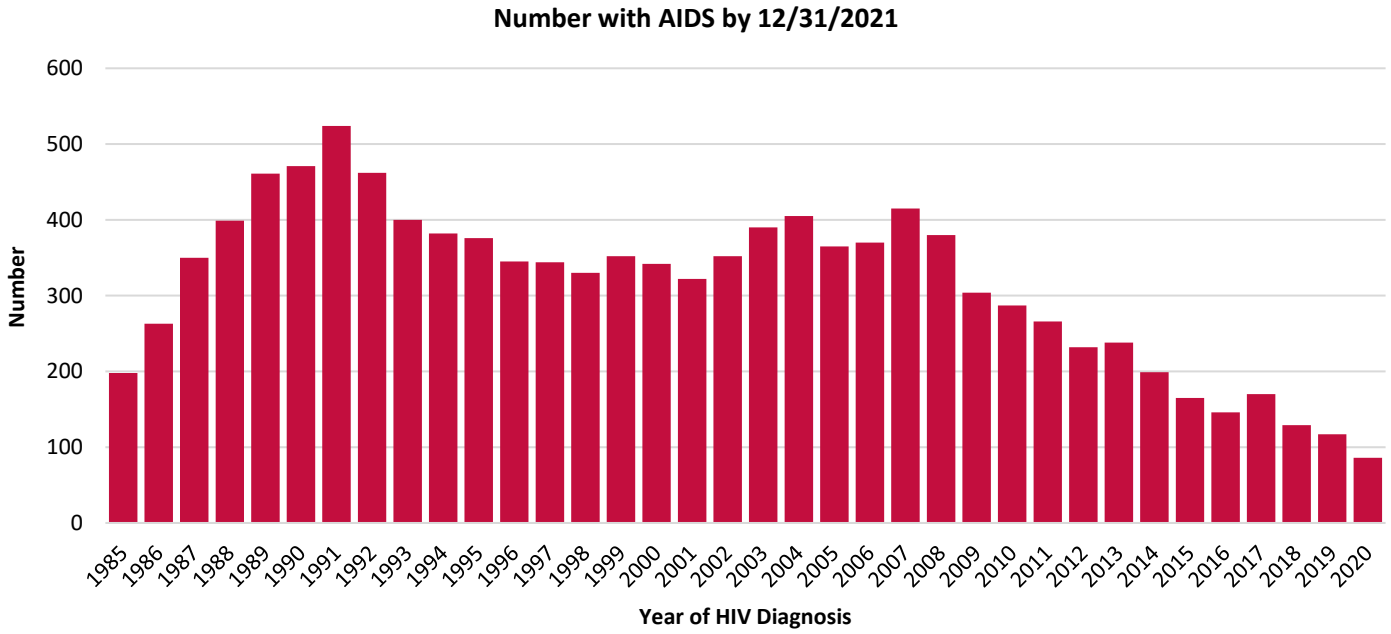
Estimated or Reported Exposure Category	Total People Aged 13+ with Living Diagnosed HIV				
	No.	Recent Viral Load Test Results			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed Viral Load
Male-to-male Sexual Contact (MMSC)	5,305	3,697	69.7%	90.1%	9,340
Injection Drug Use (IDU)	735	470	64.0%	89.8%	11,300
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	260	177	67.9%	92.0%	17,849
Heterosexual Contact (HET)	5,292	3,515	66.4%	91.4%	7,470
Perinatal Transmission	141	107	75.9%	76.6%	14,200
Other Exposure	13	11	84.6%	100.0%	--
No Estimated or Reported Exposure	35	25	71.4%	92.0%	77,750
Total	11,781	8,002	67.9%	90.5%	9,335

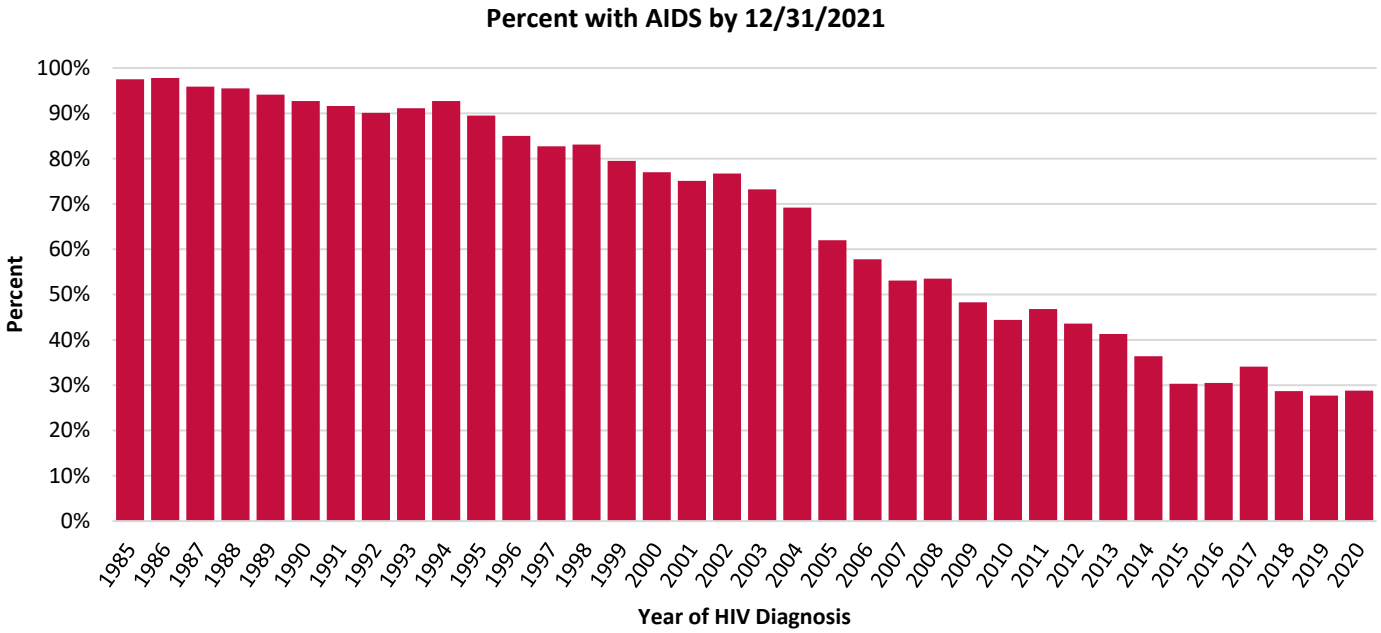
Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Median unsuppressed is weighted based on statistical adjustment.

Section VIII – Disease Progression and Mortality

Figure 10 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2020, Reported through June 30, 2022

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, 2021 (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, 2021, 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 2020, Reported through June 30, 2022

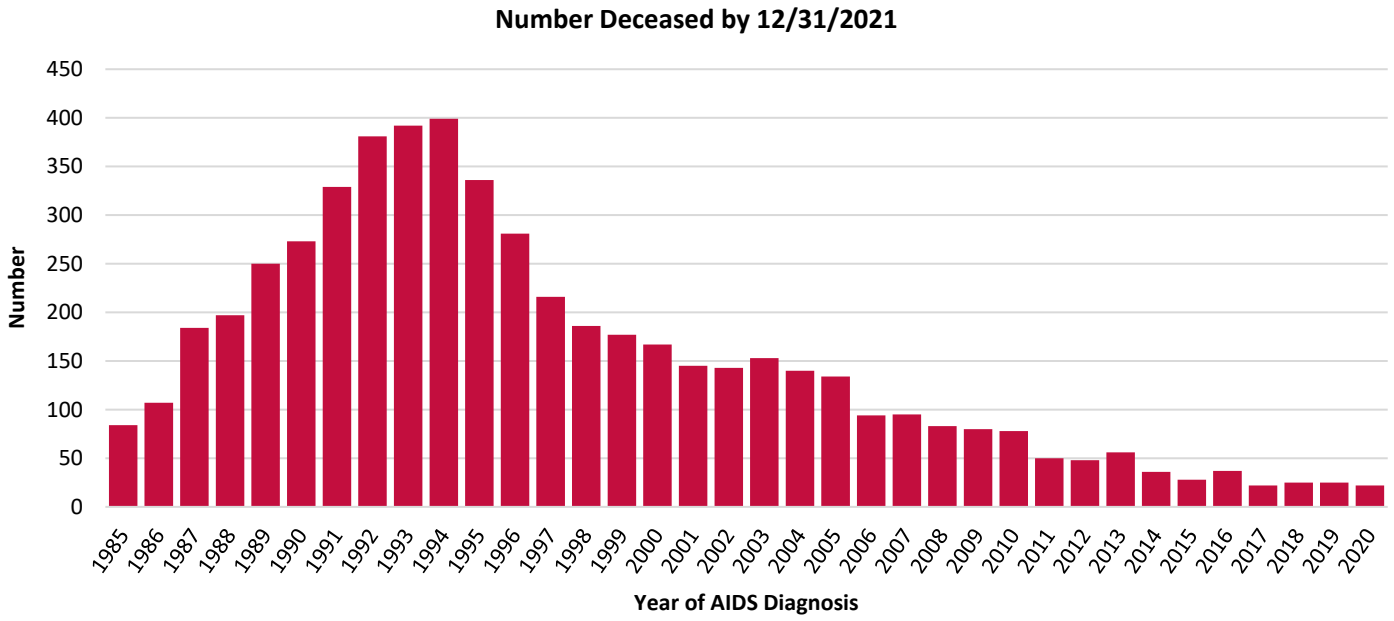


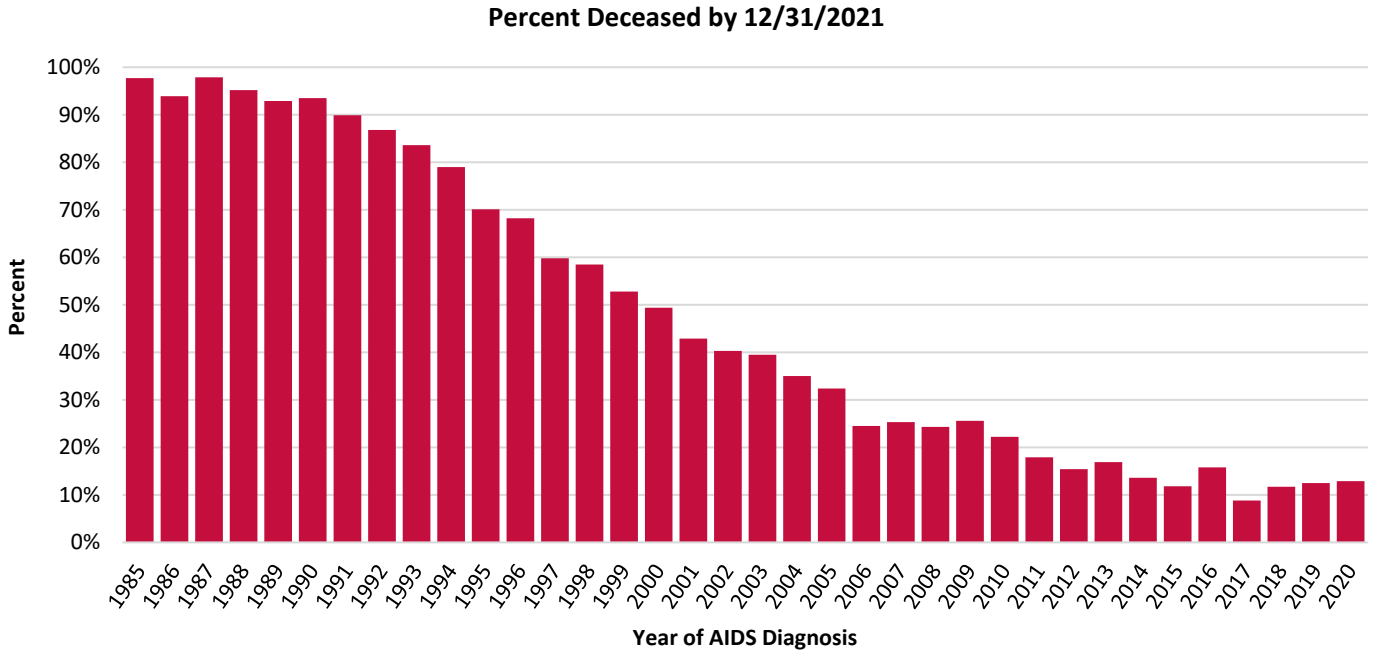


Year of HIV Diagnosis	Reported HIV Diagnoses among People Aged 13+							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	115	108	93.9%	7.9	40.9%	40.9%	43.5%	57.4%
1985	203	198	97.5%	5.7	42.4%	43.8%	49.8%	77.3%
1986	269	263	97.8%	4.7	43.1%	43.9%	54.6%	87.0%
1987	365	350	95.9%	3.9	47.7%	48.5%	64.4%	86.8%
1988	418	399	95.5%	3.3	48.6%	53.1%	72.7%	89.0%
1989	490	461	94.1%	3.0	48.8%	51.8%	73.5%	88.8%
1990	508	471	92.7%	3.0	48.4%	55.3%	73.8%	87.2%
1991	572	524	91.6%	2.5	51.6%	60.3%	78.8%	86.2%
1992	513	462	90.1%	3.0	48.5%	56.7%	73.3%	82.5%
1993	439	400	91.1%	2.3	60.1%	66.1%	77.4%	85.9%
1994	412	382	92.7%	2.1	66.7%	71.6%	78.4%	87.4%
1995	420	376	89.5%	2.0	65.5%	70.7%	75.5%	84.8%
1996	406	345	85.0%	2.1	62.6%	64.3%	71.9%	80.3%
1997	416	344	82.7%	2.1	60.6%	64.2%	70.4%	77.9%
1998	397	330	83.1%	2.3	58.2%	62.5%	69.5%	76.8%
1999	443	352	79.5%	1.8	60.5%	64.3%	68.8%	74.5%
2000	444	342	77.0%	2.2	55.2%	58.6%	64.4%	71.8%
2001	429	322	75.1%	2.2	52.9%	55.5%	63.4%	69.2%
2002	459	352	76.7%	1.5	61.0%	64.7%	69.1%	73.0%
2003	533	390	73.2%	1.8	55.3%	57.6%	62.9%	69.2%
2004	585	405	69.2%	1.9	51.5%	54.0%	58.5%	66.2%
2005	589	365	62.0%	1.6	48.0%	50.4%	54.8%	59.6%
2006	640	370	57.8%	2.0	40.6%	43.4%	49.2%	54.4%
2007	781	415	53.1%	2.0	36.6%	38.9%	44.4%	50.3%
2008	710	380	53.5%	1.8	36.8%	39.9%	47.0%	51.1%
2009	630	304	48.3%	2.0	32.9%	35.1%	40.2%	47.0%
2010	646	287	44.4%	1.7	31.0%	33.7%	38.1%	42.7%
2011	568	266	46.8%	1.7	33.1%	36.1%	39.8%	45.8%
2012	532	232	43.6%	1.3	32.7%	35.3%	39.5%	--
2013	576	238	41.3%	1.1	32.6%	34.5%	37.5%	--
2014	547	199	36.4%	1.2	26.1%	28.3%	33.3%	--
2015	544	165	30.3%	0.9	24.4%	25.9%	28.7%	--
2016	479	146	30.5%	0.7	25.1%	26.7%	29.9%	--
2017	498	170	34.1%	0.4	30.7%	32.1%	--	--
2018	449	129	28.7%	0.3	26.3%	28.1%	--	--
2019	422	117	27.7%	0.1	26.3%	27.5%	--	--
2020	299	86	28.8%	0.1	28.8%	--	--	--
Total	17,746	11,445	64.5%	2.2	43.6%	46.7%	53.8%	60.8%

Figure 11 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2020, Reported through June 30, 2022

Number of People Aged 13+ with Diagnosed HIV, Aged 13+ at HIV Diagnosis, with an AIDS Diagnosis by December 31, 2020 (Reported AIDS Diagnoses), Number of Reported AIDS Diagnosis among People Aged 13+ Reported to Have Died of Any Cause by December 31, 2021 (Reported AIDS 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, 2021, 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 2020, Reported through June 30, 2022





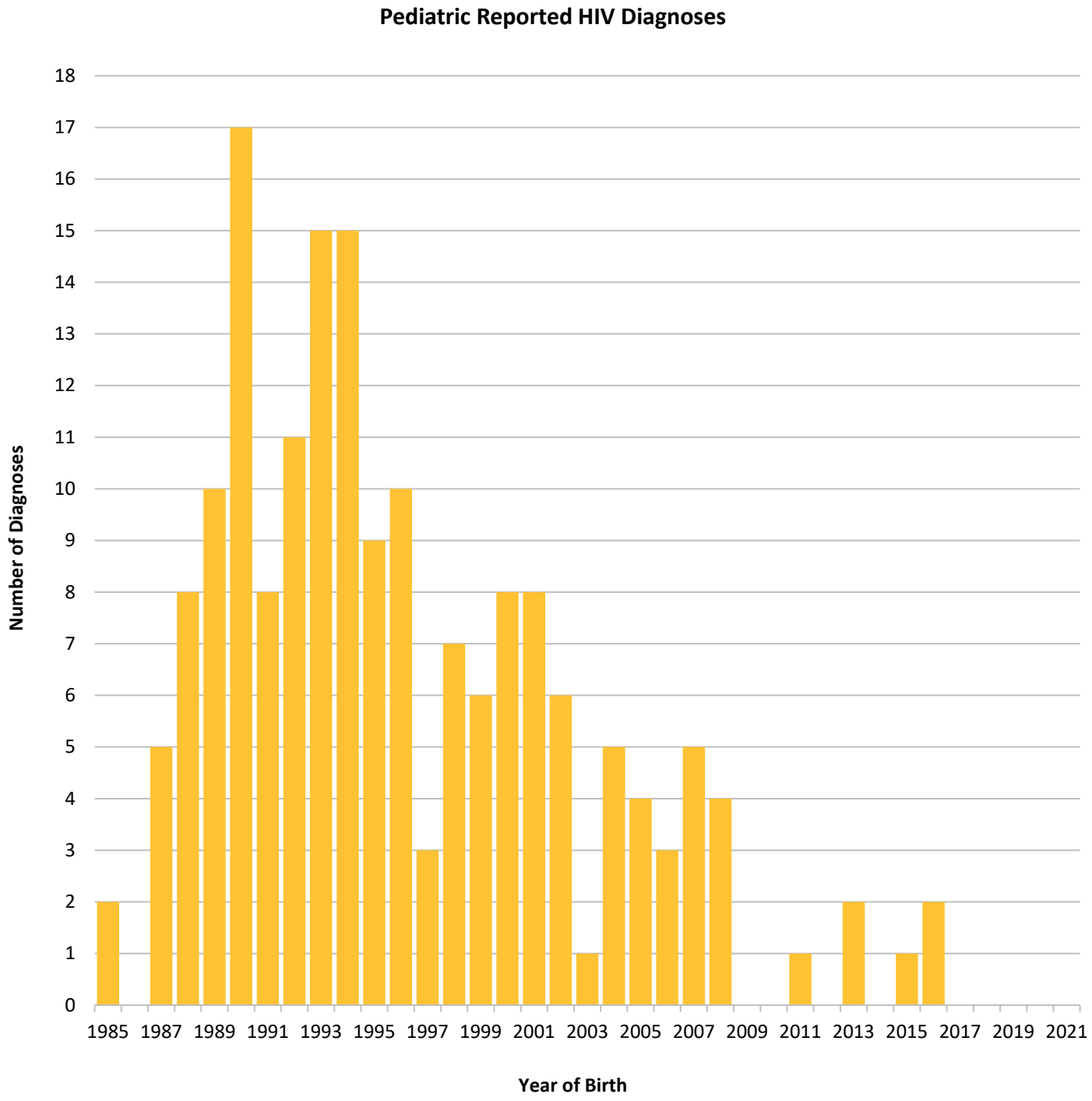
Year of AIDS Diagnosis	Reported AIDS Diagnoses among People Aged 13+							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Deceased	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	53	53	100.0%	0.9	34.0%	5.7%	1.9%	0.0%
1985	86	84	97.7%	1.4	39.5%	15.1%	11.6%	3.5%
1986	114	107	93.9%	1.9	51.8%	32.5%	12.3%	8.8%
1987	188	184	97.9%	2.1	51.6%	29.3%	10.6%	6.4%
1988	207	197	95.2%	2.0	62.8%	37.2%	14.0%	7.2%
1989	269	250	92.9%	3.3	68.8%	51.3%	22.3%	13.8%
1990	292	273	93.5%	3.0	64.7%	48.3%	21.2%	13.4%
1991	366	329	89.9%	2.9	68.0%	52.5%	19.7%	15.0%
1992	439	381	86.8%	3.4	74.0%	53.3%	26.2%	21.0%
1993	469	392	83.6%	3.7	72.9%	57.6%	33.7%	25.8%
1994	505	399	79.0%	4.1	75.8%	55.8%	40.8%	30.5%
1995	479	336	70.1%	5.3	75.6%	66.0%	55.5%	43.8%
1996	412	281	68.2%	5.9	80.3%	74.5%	63.3%	47.1%
1997	361	216	59.8%	5.9	81.7%	76.2%	64.5%	54.0%
1998	318	186	58.5%	6.3	85.5%	81.4%	70.4%	55.0%
1999	335	177	52.8%	5.9	84.5%	78.5%	69.9%	58.5%
2000	338	167	49.4%	7.2	92.0%	89.6%	79.0%	64.5%
2001	338	145	42.9%	6.0	87.6%	84.0%	76.6%	68.0%
2002	355	143	40.3%	5.5	89.6%	86.5%	76.6%	69.0%
2003	387	153	39.5%	5.5	89.1%	84.2%	77.3%	70.3%
2004	400	140	35.0%	5.8	90.3%	87.0%	81.0%	74.3%
2005	413	134	32.4%	5.4	90.8%	88.6%	81.4%	75.1%
2006	383	94	24.5%	4.9	93.2%	90.9%	86.2%	78.9%
2007	376	95	25.3%	4.4	91.8%	88.8%	84.8%	78.2%
2008	342	83	24.3%	3.7	90.4%	87.4%	83.3%	78.9%
2009	312	80	25.6%	4.0	90.4%	88.8%	83.7%	77.9%
2010	352	78	22.2%	3.6	92.9%	90.3%	85.2%	79.5%
2011	279	50	17.9%	2.9	94.3%	91.0%	85.7%	82.1%
2012	312	48	15.4%	2.9	92.9%	91.3%	89.1%	--
2013	331	56	16.9%	2.6	93.1%	90.9%	87.3%	--
2014	264	36	13.6%	2.7	95.8%	93.6%	89.4%	--
2015	237	28	11.8%	1.6	93.2%	92.0%	89.5%	--
2016	234	37	15.8%	1.0	89.7%	87.2%	84.6%	--
2017	250	22	8.8%	1.0	94.4%	92.4%	--	--
2018	214	25	11.7%	1.2	93.5%	92.1%	--	--
2019	200	25	12.5%	0.7	90.0%	88.5%	--	--
2020*	170	22	12.9%	0.2	87.6%	--	--	--
Total	11,380	5,506	48.4%	4.1	83.4%	75.9%	65.1%	58.1%

*2020 AIDS deaths are preliminary.

Section IX – Pediatrics

Figure 12 – Trends in Reported HIV Diagnoses among People Aged <13, 1985-2021, Reported through June 30, 2022

Number of Pediatric HIV Diagnoses, Age <13 at HIV Diagnosis, (Pediatric Reported HIV Diagnoses) 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 2021, as Reported by Name through June 30, 2022



Year	Number of Pediatric Reported HIV Diagnoses				Total Pediatric Diagnoses Alive on December 31st of Each Year
	By Birth Year	By HIV Diagnosis Year	By AIDS Diagnosis Year	By Death Year	
<1985	20	3	2	0	--
1985	2	4	2	1	6
1986	0	5	0	0	11
1987	5	5	3	0	17
1988	8	2	3	2	18
1989	10	8	5	2	24
1990	17	12	5	4	32
1991	8	13	7	2	42
1992	11	10	7	2	48
1993	15	8	9	4	50
1994	15	7	4	2	56
1995	9	9	8	5	60
1996	10	13	11	2	68
1997	3	6	5	1	73
1998	7	5	1	3	75
1999	6	10	6	0	84
2000	8	5	3	1	88
2001	8	5	2	2	91
2002	6	10	2	0	101
2003	1	4	1	4	101
2004	5	5	2	2	104
2005	4	7	3	1	110
2006	3	10	3	1	119
2007	5	9	3	1	128
2008	4	5	1	0	135
2009	0	3	3	0	138
2010	0	1	1	1	139
2011	1	1	1	0	141
2012	0	1	0	0	144
2013	2	2	1	0	146
2014	0	2	0	0	148
2015	1	0	6	0	148
2016	2	3	2	1	152
2017	0	1	1	0	155
2018	0	1	4	1	155
2019	0	0	2	1	157
2020	0	0	2	1	155
2021	0	1	0	0	157
Total	196	196	121	47	--

Table 23 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2021, by Jurisdiction of Current Residence, Reported through June 30, 2022

Jurisdiction of Current Residence	Total People Aged <13 Living with Diagnosed HIV	
	No.	% of Total
Montgomery	3	37.5%
Prince George's	5	62.5%
Total	8	100.0%

Table 24 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2021, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2022

Demographic Characteristic	Total People Aged <13 Living with Diagnosed HIV	
	No.	% of Total
Sex at Birth		
Female	5	62.5%
Male	3	37.5%
Race/Ethnicity		
Hispanic	0	0.0%
Non-Hispanic	8	100.0%
American Indian/Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	6	75.0%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	2	25.0%
Multiracial/Other	0	0.0%
Total	8	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.

Another Gender Identity: All other gender identities or gender expressions.

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.

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

Cisgender Woman or Girl: A person whose sex assigned at birth is female and who identify 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, 2009.

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 they were first infected.

HIV Infected/Prevalence: Estimated number of people with HIV alive at a given time, regardless of when they were infected or whether they have received a diagnosis.

Heterosexual Contact (HET): Individuals who report a history of sexual contact with a person of the opposite sex who is known to be HIV positive or at increased risk for HIV transmission. Risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue, and artificial insemination.

Injection Drug Use (IDU): Individuals who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

Jurisdiction of Current Residence: Jurisdiction of residence from the most recent report since January 1, 2009.

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): Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

Male-to-male Sexual Contact/Injection Drug Use (MMSC/IDU): Men who report a history of sexual contact with other men who also have engaged in injection drug use.

Other Exposure: Includes people who received clotting factor 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 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 baby during pregnancy, childbirth (also called labor and delivery), or breastfeeding (through breast milk).

Population: Population estimate for July 1, 2021.

Population Aged 13+: Population age 13 years or older, estimate for July 1, 2021.

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.

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

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

Reported 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.

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

Reported 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.

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.

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

Total 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.

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

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

Transgender Woman or Girl: A person whose sex assigned at birth is male but who identify 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.