2022

BALTIMORE COUNTY 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

Maryland
DEPARTMENT OF HEALTH

Acknowledgements

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

Baltimore County 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/Baltimore-County-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

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 83 reported HIV diagnoses in Baltimore County. Data presented below describe HIV diagnoses in Baltimore County, among people ages 13 years and older, during 2022.

- Geographic distribution: In Baltimore County, six of the fifty-five ZIP codes accounted for about half (51.7%) of HIV diagnoses. The ZIP code with the highest number (9, 10.8%) of HIV diagnoses was 21117, and the ZIP code with the highest rate (27.9) was 21207.
- Age: People aged 25-34 years accounted for the highest number (30, 36.1%) of HIV diagnoses. People aged 30-39 years accounted for the highest rate (28.9).
- Assigned Sex at Birth: Males accounted for the highest number (61, 73.5%) of HIV diagnoses. The rate among males was 18.1 and 5.8 among females.
- Race/Ethnicity: Non-Hispanic Black people accounted for the highest number (59, 71.1%) and the highest rate (27.1).
- Exposure Category: Male-to-male sexual contact accounted for the highest number (49, 59.3%) of diagnoses.

People Living with Diagnosed HIV

At the end of 2022, there were 3,787 people living with diagnosed HIV in Baltimore County. Data presented below describe people living with diagnosed HIV, aged 13 years and older, in Baltimore County.

- Geographic distribution: In Baltimore County, seven ZIP codes accounted for about half (53.7%) of people living with diagnosed HIV. The ZIP code with the highest number (374, 9.9%) of people living with diagnosed HIV and the highest rate (1,304.9) was 21207.
- Age: People aged 50-59 years accounted for the highest number (991, 26.2%) of people living with diagnosed HIV and the highest rate (920.6).
- Assigned Sex at Birth: Males accounted for the highest number (2,371, 62.6%) of people living with diagnosed HIV. The rate among males was 702.6 and 372.3 among females.
- Race/Ethnicity: Non-Hispanic Black people accounted for the highest number (2,720, 71.8%) of the people living with diagnosed HIV. People who identify as NH-Multiracial/Another Race had the highest rate (1,544.6).
- Exposure Category: Heterosexual contact accounted for the highest number (1,583, 41.8%) of the total people living with diagnosed HIV.

Engagement in HIV Care

- HIV diagnosed: Among people living with HIV in Baltimore County, it is estimated that 88.7 percent have been diagnosed and an estimated 482 people with HIV remain undiagnosed.
- Linked to care: During 2022, 86.7 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, 72.9 percent were retained in care during 2022.
- Viral suppression: In 2022, 60.5 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.

---

[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.

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
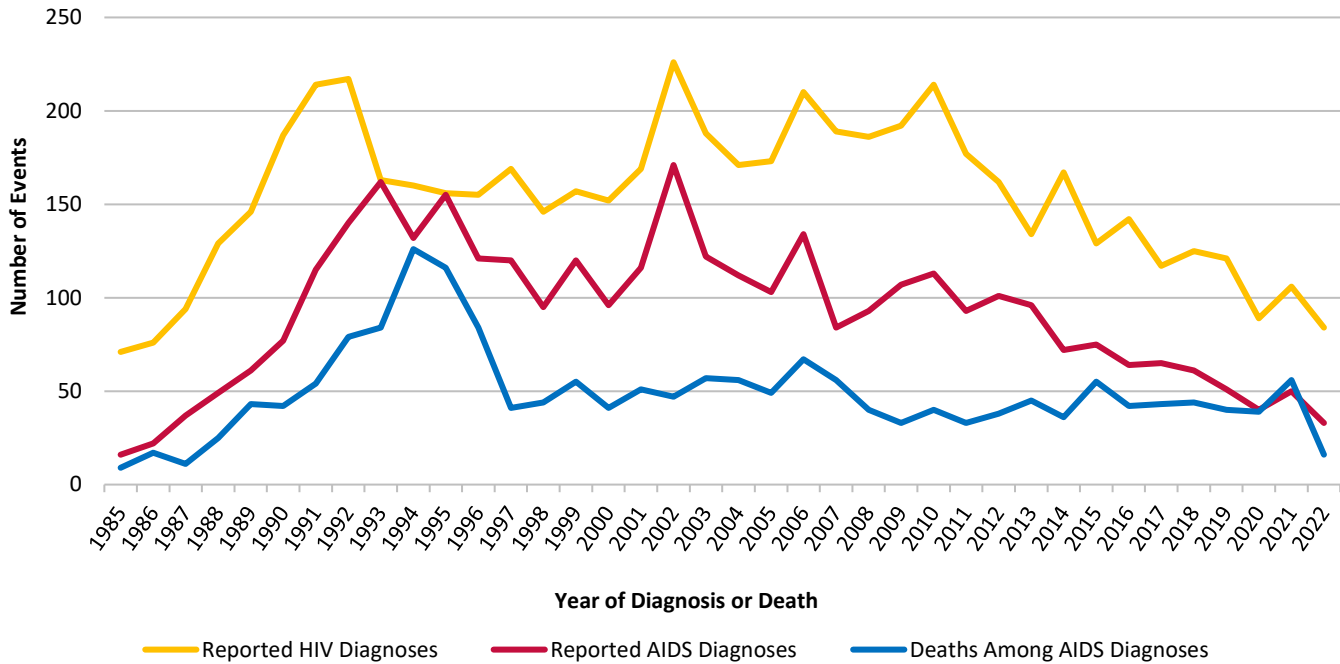
Year of Diagnosis or Death	HIV Diagnoses	AIDS Diagnoses	Deaths Among AIDS Diagnoses	Year of Diagnosis or Death	HIV Diagnoses	AIDS Diagnoses	Deaths Among AIDS Diagnoses
<1985	44	8	4	2004	171	112	56
1985	71	16	9	2005	173	103	49
1986	76	22	17	2006	210	134	67
1987	94	37	11	2007	189	84	56
1988	129	49	25	2008	186	93	40
1989	146	61	43	2009	192	107	33
1990	187	77	42	2010	214	113	40
1991	214	115	54	2011	177	93	33
1992	217	140	79	2012	162	101	38
1993	163	162	84	2013	134	96	45
1994	160	132	126	2014	167	72	36
1995	156	155	116	2015	129	75	55
1996	155	121	84	2016	142	64	42
1997	169	120	41	2017	117	65	43
1998	146	95	44	2018	125	61	44
1999	157	120	55	2019	121	51	40
2000	152	96	41	2020	89	40	39
2001	169	116	51	2021*	106	50	56
2002	226	171	47	2022*	84	33	16
2003	188	122	57	Total	5,907	3,482	1,858

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

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

People Living with Diagnosed HIV in Baltimore County and Not Reported to have Died as of December 31st of Each Year (People who were Diagnosed with HIV or AIDS in Baltimore County and/or People who are Currently Living with Diagnosed HIV in Baltimore County) 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 Baltimore County	Current Residents		Diagnosed with HIV or AIDS in Baltimore County	Current Residents
1985	97	--	**2004**	1,557	--
1986	157	--	**2005**	1,640	--
1987	237	--	**2006**	1,746	--
1988	336	--	**2007**	1,855	--
1989	431	--	**2008**	1,978	--
1990	556	--	**2009**	2,147	--
1991	707	--	**2010**	2,340	--
1992	829	--	**2011**	2,488	--
1993	868	--	**2012**	2,615	--
1994	867	--	**2013**	2,702	3,259
1995	881	--	**2014**	2,830	3,326
1996	905	--	**2015**	2,902	3,272
1997	980	--	**2016**	2,988	3,411
1998	1,044	--	**2017**	3,056	3,302
1999	1,111	--	**2018**	3,139	3,037
2000	1,179	--	**2019**	3,212	3,177
2001	1,257	--	**2020**	3,246	3,341
2002	1,405	--	**2021**	3,283	3,407
2003	1,482	--	**2022**	3,356	3,790

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 Baltimore County and Not Reported to have Died as of December 31st of Each Year from 2013 through 2022, as Reported through June 30, 2023
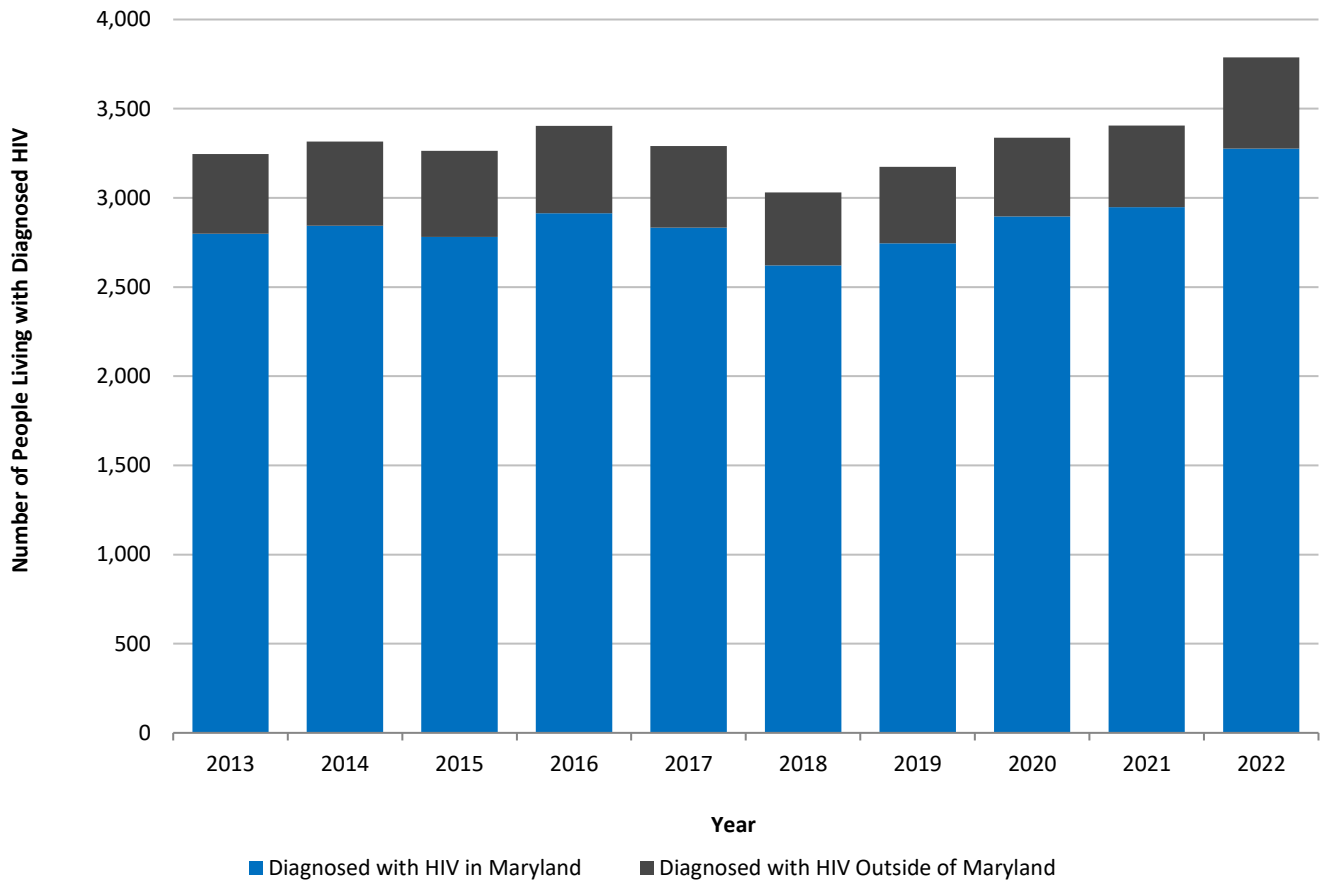
Year	Population Aged 13+	Baltimore County Residents Aged 13+ as of December 31st of the Specified Year			
		Diagnosed with HIV in Maryland	Diagnosed with HIV Outside of Maryland	Total	Rate
2013	694,609	2,798	448	3,246	467.3
2014	696,916	2,844	472	3,316	475.8
2015	699,270	2,781	482	3,263	466.6
2016	700,151	2,913	490	3,403	486.0
2017	700,124	2,833	457	3,290	469.9
2018	699,715	2,622	409	3,031	433.2
2019	699,583	2,745	429	3,174	453.7
2020	721,385	2,895	443	3,338	462.7
2021	720,408	2,948	457	3,405	472.6
2022	717,811	3,276	511	3,787	527.6

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
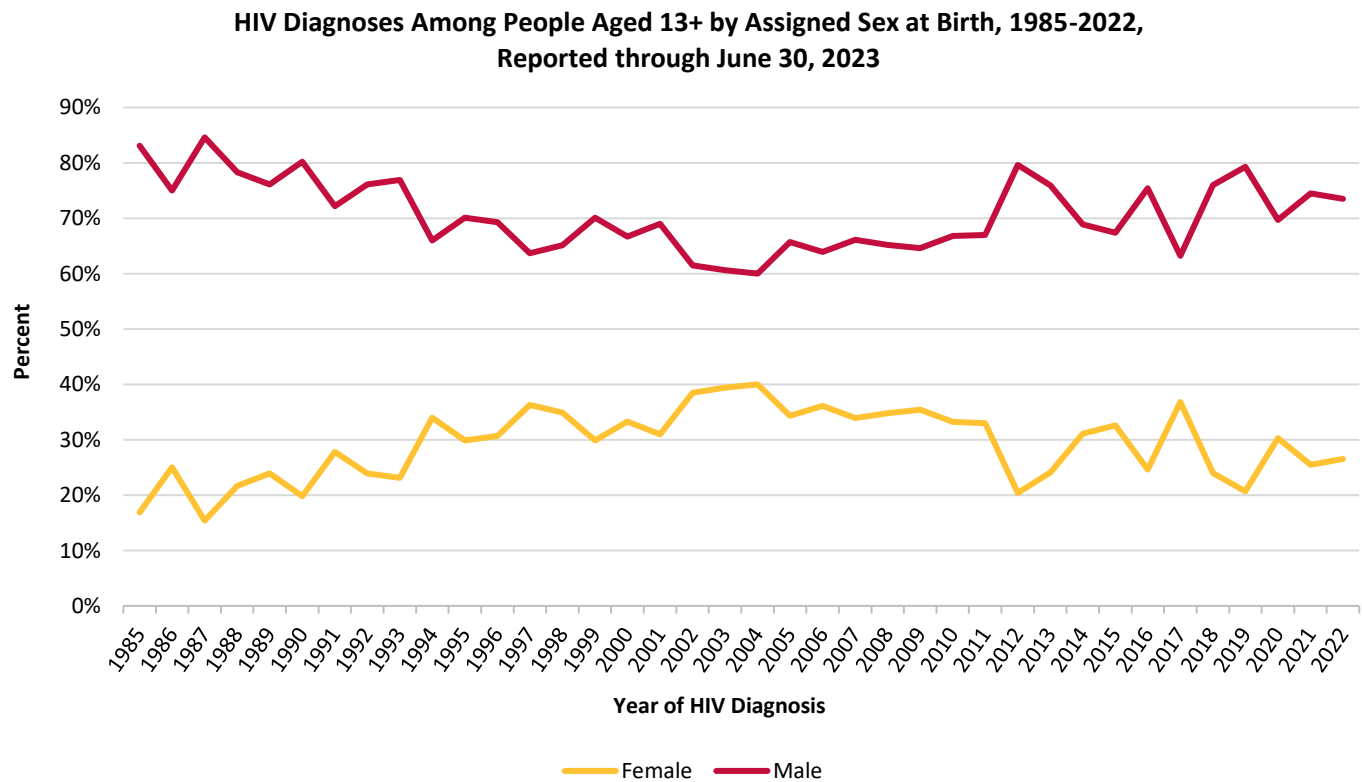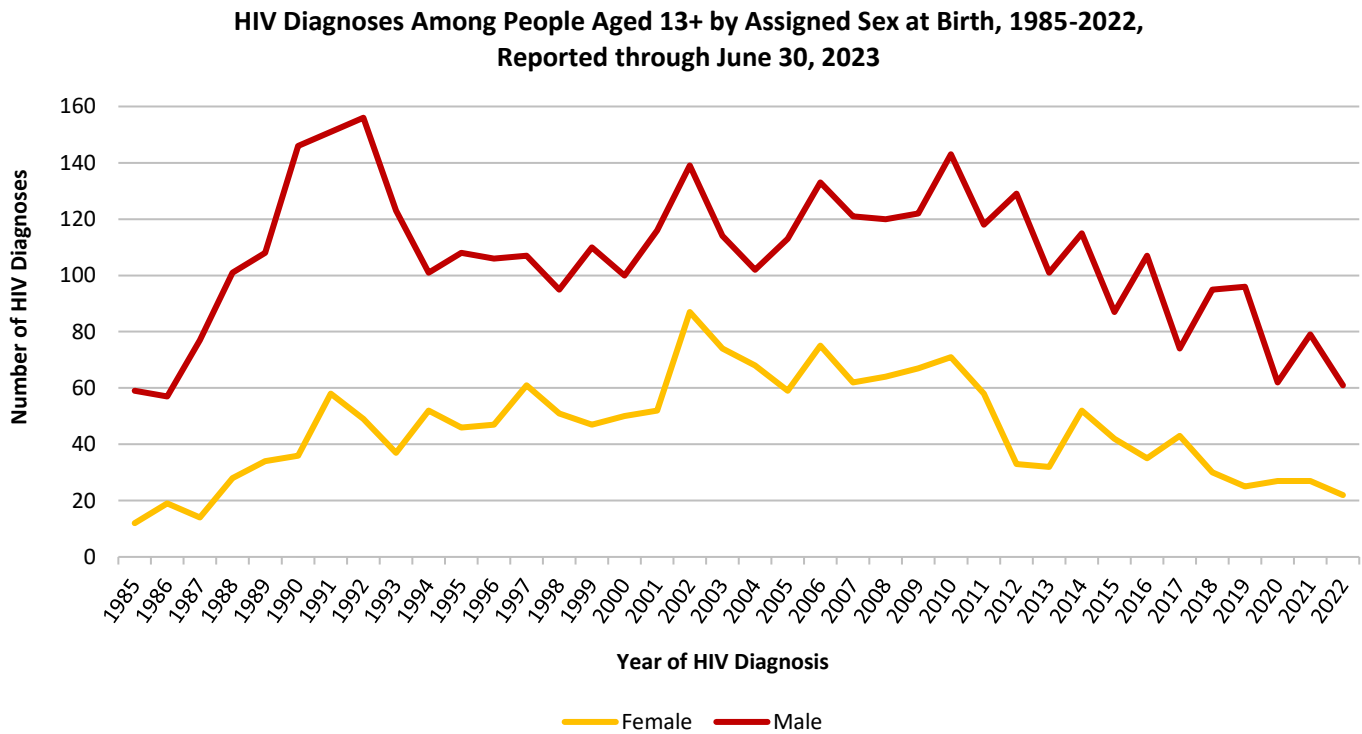
Year of HIV Diagnosis	Number	HIV Diagnoses among People Aged 13+			
		Assigned Sex at Birth			
		Female		Male	
		Number	Percent	Number	Percent
<1985	43	7	16.3%	36	83.7%
1985	71	12	16.9%	59	83.1%
1986	76	19	25.0%	57	75.0%
1987	91	14	15.4%	77	84.6%
1988	129	28	21.7%	101	78.3%
1989	142	34	23.9%	108	76.1%
1990	182	36	19.8%	146	80.2%
1991	209	58	27.8%	151	72.2%
1992	205	49	23.9%	156	76.1%
1993	160	37	23.1%	123	76.9%
1994	153	52	34.0%	101	66.0%
1995	154	46	29.9%	108	70.1%
1996	153	47	30.7%	106	69.3%
1997	168	61	36.3%	107	63.7%
1998	146	51	34.9%	95	65.1%
1999	157	47	29.9%	110	70.1%
2000	150	50	33.3%	100	66.7%
2001	168	52	31.0%	116	69.0%
2002	226	87	38.5%	139	61.5%
2003	188	74	39.4%	114	60.6%
2004	170	68	40.0%	102	60.0%
2005	172	59	34.3%	113	65.7%
2006	208	75	36.1%	133	63.9%
2007	183	62	33.9%	121	66.1%
2008	184	64	34.8%	120	65.2%
2009	189	67	35.4%	122	64.6%
2010	214	71	33.2%	143	66.8%
2011	176	58	33.0%	118	67.0%
2012	162	33	20.4%	129	79.6%
2013	133	32	24.1%	101	75.9%
2014	167	52	31.1%	115	68.9%
2015	129	42	32.6%	87	67.4%
2016	142	35	24.6%	107	75.4%
2017	117	43	36.8%	74	63.2%
2018	125	30	24.0%	95	76.0%
2019	121	25	20.7%	96	79.3%
2020	89	27	30.3%	62	69.7%
2021	106	27	25.5%	79	74.5%
2022	83	22	26.5%	61	73.5%
Total	5,841	1,753	30.0%	4,088	70.0%

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

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

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

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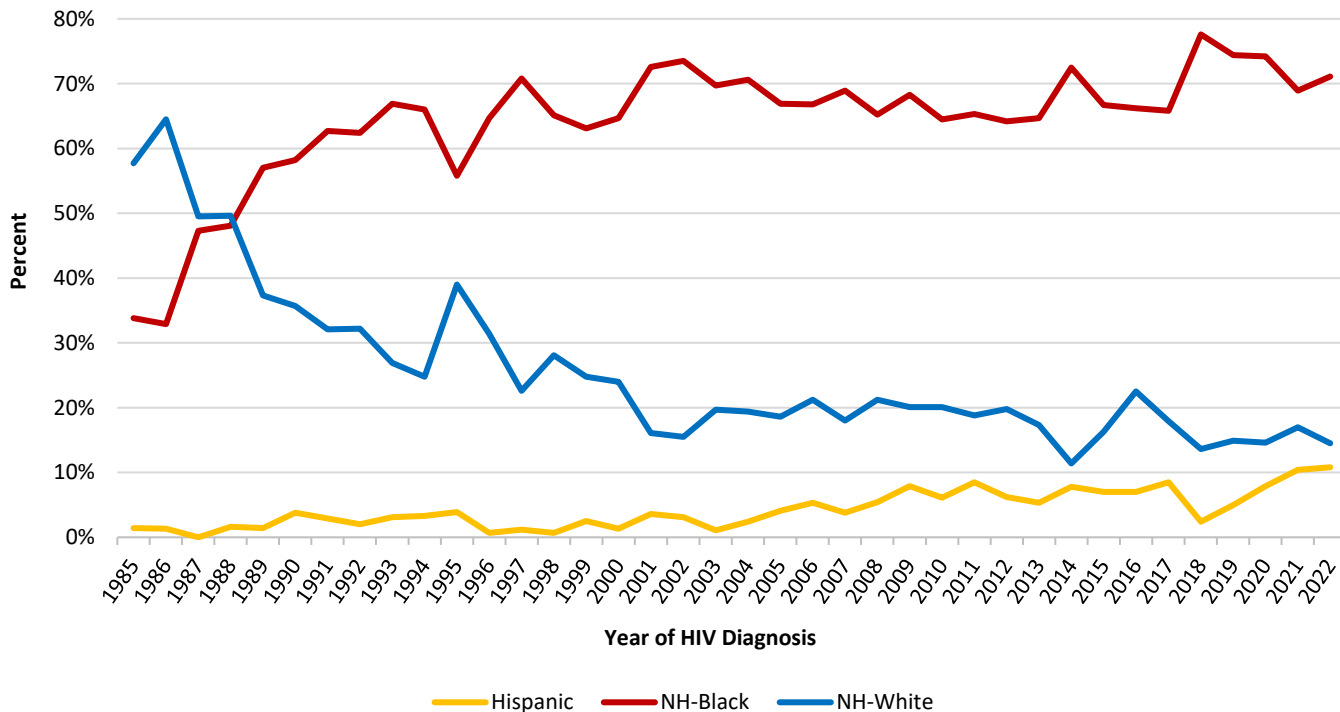
NH: Non-Hispanic

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

Year of HIV Diagnosis	No.	HIV Diagnoses among People Aged 13+							
		Race/Ethnicity							
		Hispanic		Non-Hispanic Black, only		Non-Hispanic White, only		Non-Hispanic Another Race	
		No.	%	No.	%	No.	%	No.	%
<1985	43	2	4.7%	20	46.5%	18	41.9%	3	7.0%
1985	71	1	1.4%	24	33.8%	41	57.7%	5	7.0%
1986	76	1	1.3%	25	32.9%	49	64.5%	1	1.3%
1987	91	0	0.0%	43	47.3%	45	49.5%	3	3.3%
1988	129	2	1.6%	62	48.1%	64	49.6%	1	0.8%
1989	142	2	1.4%	81	57.0%	53	37.3%	6	4.2%
1990	182	7	3.8%	106	58.2%	65	35.7%	4	2.2%
1991	209	6	2.9%	131	62.7%	67	32.1%	5	2.4%
1992	205	4	2.0%	128	62.4%	66	32.2%	7	3.4%
1993	160	5	3.1%	107	66.9%	43	26.9%	5	3.1%
1994	153	5	3.3%	101	66.0%	38	24.8%	9	5.9%
1995	154	6	3.9%	86	55.8%	60	39.0%	2	1.3%
1996	153	1	0.7%	99	64.7%	48	31.4%	5	3.3%
1997	168	2	1.2%	119	70.8%	38	22.6%	9	5.4%
1998	146	1	0.7%	95	65.1%	41	28.1%	9	6.2%
1999	157	4	2.5%	99	63.1%	39	24.8%	15	9.6%
2000	150	2	1.3%	97	64.7%	36	24.0%	15	10.0%
2001	168	6	3.6%	122	72.6%	27	16.1%	13	7.7%
2002	226	7	3.1%	166	73.5%	35	15.5%	18	8.0%
2003	188	2	1.1%	131	69.7%	37	19.7%	18	9.6%
2004	170	4	2.4%	120	70.6%	33	19.4%	13	7.6%
2005	172	7	4.1%	115	66.9%	32	18.6%	18	10.5%
2006	208	11	5.3%	139	66.8%	44	21.2%	14	6.7%
2007	183	7	3.8%	126	68.9%	33	18.0%	17	9.3%
2008	184	10	5.4%	120	65.2%	39	21.2%	15	8.2%
2009	189	15	7.9%	129	68.3%	38	20.1%	7	3.7%
2010	214	13	6.1%	138	64.5%	43	20.1%	20	9.3%
2011	176	15	8.5%	115	65.3%	33	18.8%	13	7.4%
2012	162	10	6.2%	104	64.2%	32	19.8%	16	9.9%
2013	133	7	5.3%	86	64.7%	23	17.3%	17	12.8%
2014	167	13	7.8%	121	72.5%	19	11.4%	14	8.4%
2015	129	9	7.0%	86	66.7%	21	16.3%	13	10.1%
2016	142	10	7.0%	94	66.2%	32	22.5%	6	4.2%
2017	117	10	8.5%	77	65.8%	21	17.9%	9	7.7%
2018	125	3	2.4%	97	77.6%	17	13.6%	8	6.4%
2019	121	6	5.0%	90	74.4%	18	14.9%	7	5.8%
2020	89	7	7.9%	66	74.2%	13	14.6%	3	3.4%
2021	106	11	10.4%	73	68.9%	18	17.0%	4	3.8%
2022	83	9	10.8%	59	71.1%	12	14.5%	3	3.6%
Total	5,841	243	4.2%	3,797	65.0%	1,431	24.5%	370	6.3%

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

Year of HIV Diagnosis	No.	13-19		20-29		30-39		40-49		50-59		60-69		70+	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<1985	43	6	14.0%	18	41.9%	9	20.9%	7	16.3%	3	7.0%	0	0.0%	0	0.0%
1985	71	6	8.5%	23	32.4%	29	40.8%	6	8.5%	5	7.0%	2	2.8%	0	0.0%
1986	76	5	6.6%	23	30.3%	30	39.5%	8	10.5%	9	11.8%	1	1.3%	0	0.0%
1987	91	5	5.5%	32	35.2%	31	34.1%	17	18.7%	5	5.5%	0	0.0%	1	1.1%
1988	129	3	2.3%	37	28.7%	55	42.6%	23	17.8%	5	3.9%	4	3.1%	2	1.6%
1989	142	5	3.5%	44	31.0%	58	40.8%	26	18.3%	8	5.6%	1	0.7%	0	0.0%
1990	182	3	1.6%	48	26.4%	76	41.8%	33	18.1%	16	8.8%	5	2.7%	1	0.5%
1991	209	2	1.0%	62	29.7%	90	43.1%	40	19.1%	10	4.8%	5	2.4%	0	0.0%
1992	205	4	2.0%	50	24.4%	87	42.4%	49	23.9%	11	5.4%	4	2.0%	0	0.0%
1993	160	2	1.3%	32	20.0%	70	43.8%	43	26.9%	11	6.9%	2	1.3%	0	0.0%
1994	153	3	2.0%	36	23.5%	75	49.0%	26	17.0%	9	5.9%	4	2.6%	0	0.0%
1995	154	4	2.6%	33	21.4%	65	42.2%	37	24.0%	9	5.8%	6	3.9%	0	0.0%
1996	153	0	0.0%	26	17.0%	69	45.1%	42	27.5%	12	7.8%	4	2.6%	0	0.0%
1997	168	3	1.8%	19	11.3%	93	55.4%	35	20.8%	14	8.3%	2	1.2%	2	1.2%
1998	146	0	0.0%	20	13.7%	60	41.1%	46	31.5%	17	11.6%	2	1.4%	1	0.7%
1999	157	2	1.3%	24	15.3%	63	40.1%	46	29.3%	15	9.6%	3	1.9%	4	2.5%
2000	150	8	5.3%	24	16.0%	55	36.7%	42	28.0%	14	9.3%	4	2.7%	3	2.0%
2001	168	3	1.8%	16	9.5%	62	36.9%	67	39.9%	14	8.3%	5	3.0%	1	0.6%
2002	226	17	7.5%	41	18.1%	83	36.7%	61	27.0%	18	8.0%	5	2.2%	1	0.4%
2003	188	5	2.7%	30	16.0%	61	32.4%	59	31.4%	29	15.4%	4	2.1%	0	0.0%
2004	170	3	1.8%	35	20.6%	64	37.6%	44	25.9%	21	12.4%	3	1.8%	0	0.0%
2005	172	7	4.1%	41	23.8%	47	27.3%	48	27.9%	27	15.7%	0	0.0%	2	1.2%
2006	208	6	2.9%	40	19.2%	60	28.8%	67	32.2%	28	13.5%	7	3.4%	0	0.0%
2007	183	8	4.4%	44	24.0%	46	25.1%	52	28.4%	29	15.8%	4	2.2%	0	0.0%
2008	184	8	4.3%	52	28.3%	43	23.4%	42	22.8%	28	15.2%	9	4.9%	2	1.1%
2009	189	5	2.6%	42	22.2%	45	23.8%	58	30.7%	30	15.9%	7	3.7%	2	1.1%
2010	214	16	7.5%	54	25.2%	48	22.4%	53	24.8%	35	16.4%	8	3.7%	0	0.0%
2011	176	9	5.1%	56	31.8%	37	21.0%	31	17.6%	31	17.6%	11	6.3%	1	0.6%
2012	162	11	6.8%	53	32.7%	36	22.2%	35	21.6%	13	8.0%	11	6.8%	3	1.9%
2013	133	3	2.3%	41	30.8%	36	27.1%	23	17.3%	21	15.8%	6	4.5%	3	2.3%
2014	167	6	3.6%	57	34.1%	46	27.5%	32	19.2%	15	9.0%	8	4.8%	3	1.8%
2015	129	4	3.1%	46	35.7%	33	25.6%	23	17.8%	15	11.6%	5	3.9%	3	2.3%
2016	142	7	4.9%	51	35.9%	32	22.5%	17	12.0%	21	14.8%	12	8.5%	2	1.4%
2017	117	9	7.7%	35	29.9%	40	34.2%	22	18.8%	7	6.0%	4	3.4%	0	0.0%
2018	125	11	8.8%	49	39.2%	25	20.0%	15	12.0%	17	13.6%	8	6.4%	0	0.0%
2019	121	5	4.1%	50	41.3%	23	19.0%	12	9.9%	21	17.4%	8	6.6%	2	1.7%
2020	89	4	4.5%	32	36.0%	21	23.6%	13	14.6%	11	12.4%	6	6.7%	2	2.2%
2021	106	7	6.6%	30	28.3%	27	25.5%	16	15.1%	16	15.1%	7	6.6%	3	2.8%
2022	83	3	3.6%	29	34.9%	33	39.8%	9	10.8%	5	6.0%	4	4.8%	0	0.0%
Total	5,841	218	3.7%	1,475	25.3%	1,963	33.6%	1,325	22.7%	625	10.7%	191	3.3%	44	0.8%

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

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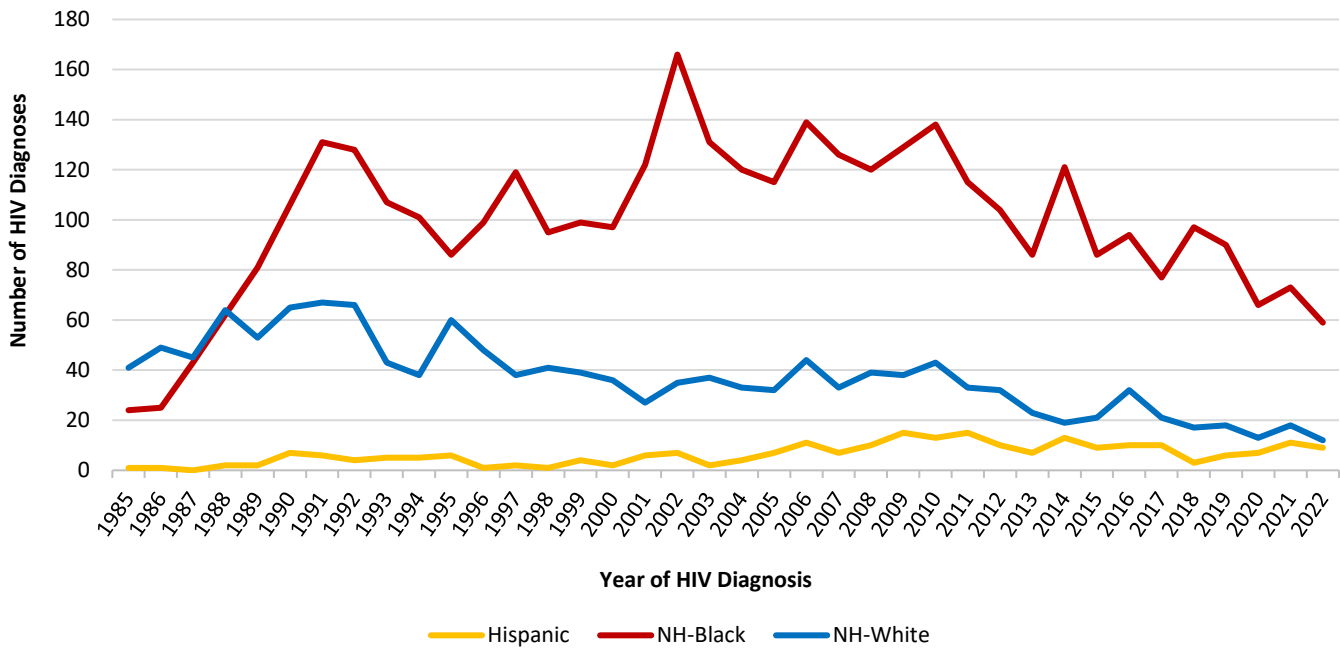

HIV Diagnoses Among People 13+ by Estimated Exposure Category, 1985-2022, Reported through June 30, 2023
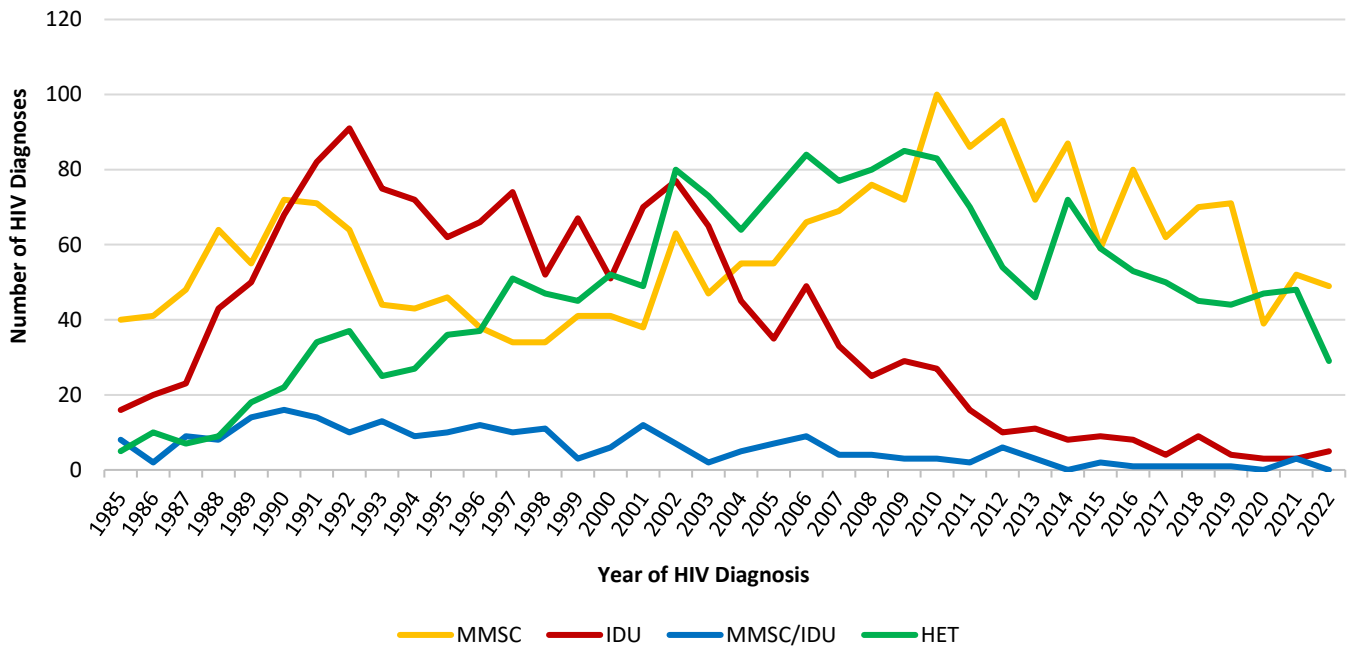
HIV Diagnoses Among People Aged 13+ by Estimated Exposure Category, 1985-2022, Reported through June 30, 2023
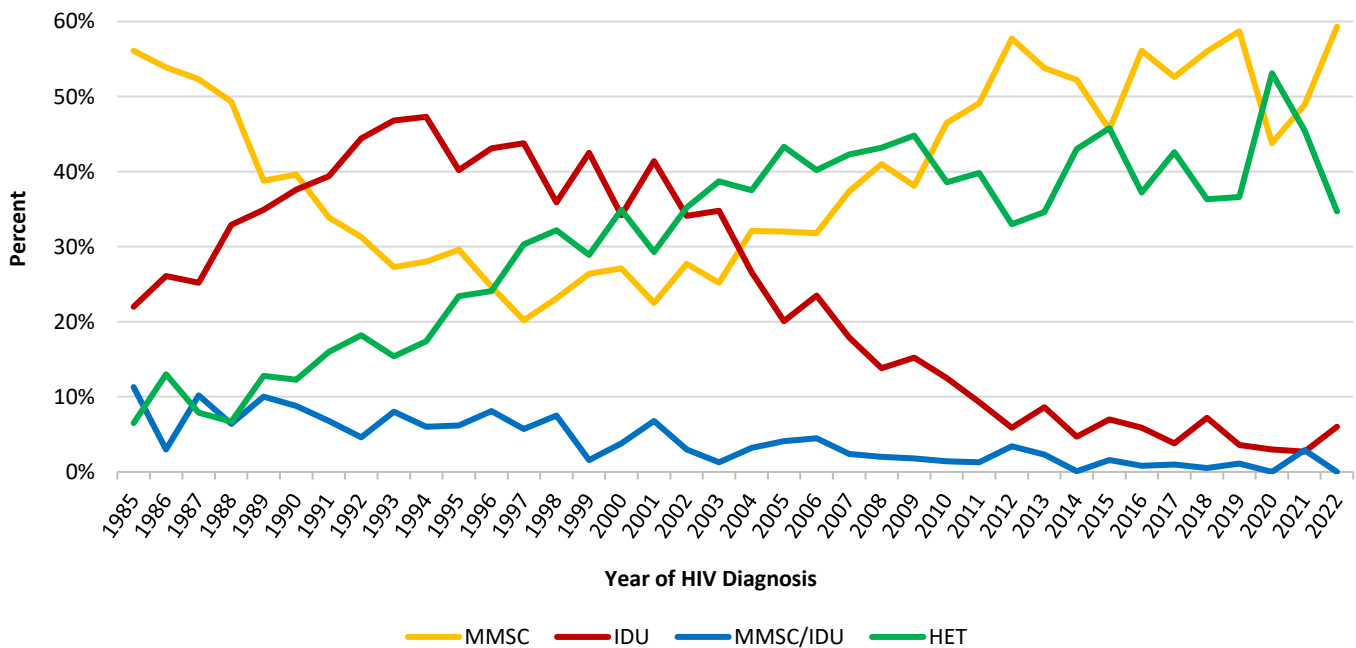
Other exposure category not shown.

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

Year of HIV Diagnosis	No.	% with No Reported Exposure¥	MMSC		IDU		MMSC/IDU		HET		Other Exposure	
			No.	%	No.	%	No.	%	No.	%	No.	%
<1985	43	2.3%	22	50.5%	10	23.7%	5	11.9%	2	4.7%	4	9.3%
1985	71	5.6%	40	56.1%	16	22.0%	8	11.3%	5	6.5%	3	4.2%
1986	76	9.2%	41	53.9%	20	26.1%	2	3.0%	10	13.0%	3	3.9%
1987	91	2.2%	48	52.3%	23	25.2%	9	10.2%	7	7.9%	4	4.4%
1988	129	5.4%	64	49.3%	43	32.9%	8	6.4%	9	6.7%	6	4.7%
1989	142	2.8%	55	38.8%	50	34.9%	14	10.0%	18	12.8%	5	3.5%
1990	182	3.8%	72	39.6%	68	37.6%	16	8.8%	22	12.3%	3	1.6%
1991	209	5.3%	71	33.9%	82	39.4%	14	6.8%	34	16.0%	8	3.8%
1992	205	4.4%	64	31.3%	91	44.4%	10	4.6%	37	18.2%	3	1.5%
1993	160	5.0%	44	27.3%	75	46.8%	13	8.0%	25	15.4%	4	2.5%
1994	153	3.9%	43	28.0%	72	47.3%	9	6.0%	27	17.4%	2	1.3%
1995	154	8.4%	46	29.6%	62	40.2%	10	6.2%	36	23.4%	1	0.6%
1996	153	6.5%	38	24.7%	66	43.1%	12	8.1%	37	24.1%	0	0.0%
1997	168	4.8%	34	20.2%	74	43.8%	10	5.7%	51	30.3%	0	0.0%
1998	146	4.8%	34	23.1%	52	35.9%	11	7.5%	47	32.2%	2	1.4%
1999	157	9.6%	41	26.4%	67	42.5%	3	1.6%	45	28.9%	1	0.6%
2000	150	9.3%	41	27.1%	51	34.2%	6	3.8%	52	34.9%	0	0.0%
2001	168	10.7%	38	22.5%	70	41.4%	12	6.8%	49	29.3%	0	0.0%
2002	226	13.7%	63	27.7%	77	34.1%	7	3.0%	80	35.2%	0	0.0%
2003	188	8.0%	47	25.2%	65	34.8%	2	1.3%	73	38.7%	0	0.0%
2004	170	9.4%	55	32.1%	45	26.6%	5	3.2%	64	37.5%	1	0.6%
2005	172	12.8%	55	32.0%	35	20.1%	7	4.1%	74	43.3%	1	0.6%
2006	208	13.5%	66	31.8%	49	23.5%	9	4.5%	84	40.2%	0	0.0%
2007	183	15.8%	69	37.4%	33	17.9%	4	2.4%	77	42.3%	0	0.0%
2008	184	37.0%	76	41.0%	25	13.8%	4	2.0%	80	43.2%	0	0.0%
2009	189	22.2%	72	38.1%	29	15.2%	3	1.8%	85	44.8%	0	0.0%
2010	214	29.9%	100	46.5%	27	12.5%	3	1.4%	83	38.6%	2	0.9%
2011	176	29.0%	86	49.1%	16	9.3%	2	1.3%	70	39.8%	1	0.6%
2012	162	16.0%	93	57.7%	10	5.9%	6	3.4%	54	33.0%	0	0.0%
2013	133	11.3%	72	53.8%	11	8.6%	3	2.3%	46	34.6%	1	0.8%
2014	167	6.6%	87	52.2%	8	4.7%	0	0.1%	72	43.0%	0	0.0%
2015	129	7.0%	59	45.6%	9	7.0%	2	1.6%	59	45.8%	0	0.0%
2016	142	14.8%	80	56.1%	8	5.9%	1	0.8%	53	37.2%	0	0.0%
2017	117	6.8%	62	52.6%	4	3.8%	1	1.0%	50	42.6%	0	0.0%
2018	125	15.2%	70	56.0%	9	7.2%	1	0.5%	45	36.3%	0	0.0%
2019	121	10.7%	71	58.7%	4	3.6%	1	1.1%	44	36.6%	0	0.0%
2020	89	5.6%	39	43.8%	3	3.0%	0	0.0%	47	53.1%	0	0.0%
2021	106	8.5%	52	48.9%	3	2.7%	3	2.9%	48	45.5%	0	0.0%
2022	83	14.5%	49	59.3%	5	6.0%	0	0.0%	29	34.7%	0	0.0%
Total	5,841	11.4%	2,259	38.7%	1,467	25.1%	236	4.0%	1,830	31.3%	55	0.9%

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

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

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

Section III – Continuum of Care Cascades

In their 2011 article in Clinical Infectious Diseases, Gardner et al.[1] utilize a continuum of care "cascade" to illustrate estimates of the number of people living with HIV who belong to each of the stages of engagement in HIV care.

Figure 8 – Prevalence-Based Estimated 2022 HIV Continuum of Care Cascades, among Current Baltimore County Residents Aged 13+, Reported through June 30, 2023

The prevalence-based Baltimore County Engagement in HIV Care Cascades (below) apply the CDC CD4 depletion model to Maryland surveillance data, reported through June 30, 2023, to estimate the number of people living with undiagnosed HIV (11.3%) and the estimated number of people living with HIV currently residing in Baltimore County. Maryland surveillance data is then used to describe the number and percentage of people living with HIV in Baltimore County 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.

Prevalence-Based Estimated HIV Continuum of Care Among People Aged 13+, 2022

Among current Baltimore County residents living with HIV

Among 2022 HIV diagnoses
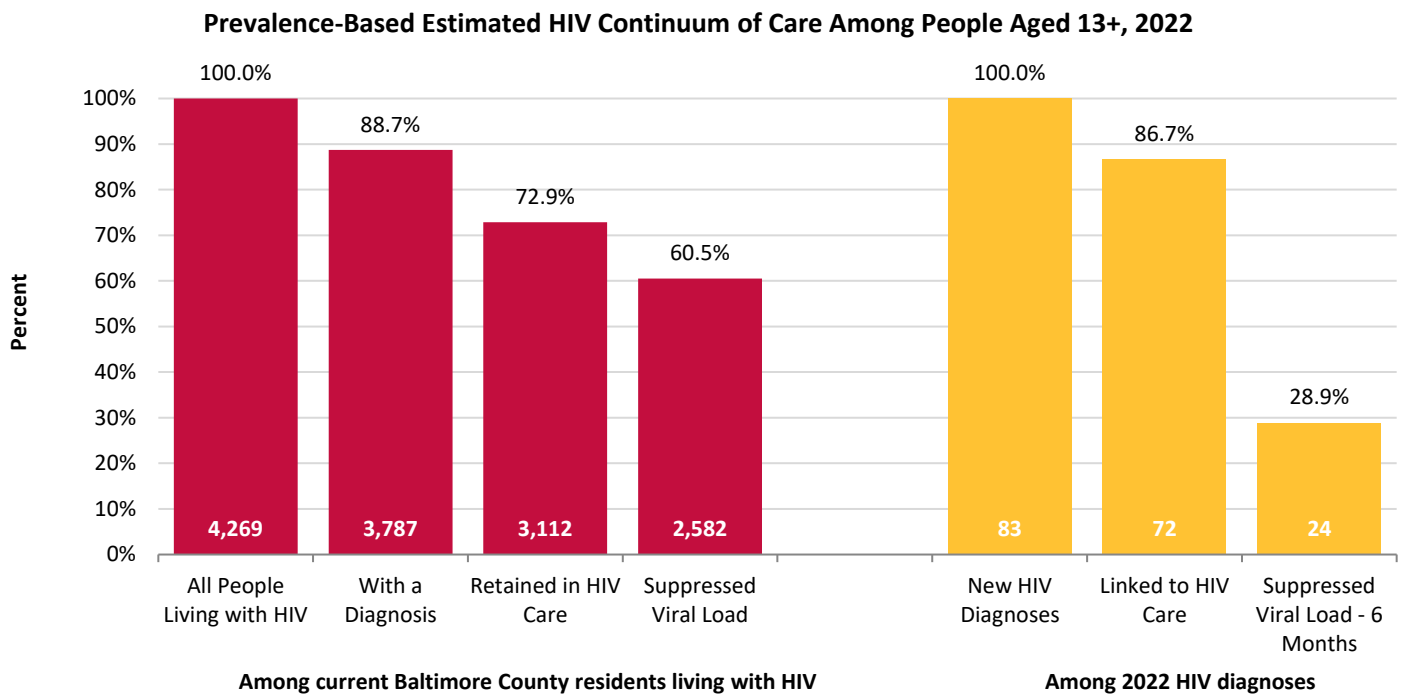
Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2022 HIV Diagnoses	
	Number	Percent		Number	Percent
All People Living with HIV	4,269	100.0%	New HIV Diagnoses	83	100.0%
With a Diagnosis	3,787	88.7%	Linked to HIV Care	72	86.7%
Retained in HIV Care	3,112	72.9%	Suppressed Viral Load – 6 Months	24	28.9%
Suppressed Viral Load	2,582	60.5%			

[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 Baltimore County Residents Aged 13+, Reported through June 30, 2023

The diagnosis-based Baltimore County Engagement in HIV Care Cascade (below) uses Maryland surveillance data for current Baltimore County residents to describe the number and percentage of people living with diagnosed HIV in Baltimore County 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.

Diagnosis-Based Estimated HIV Continuum of Care Among People Aged 13+, 2022

Among current Baltimore County residents diagnosed with HIV

Among 2022 HIV Diagnoses
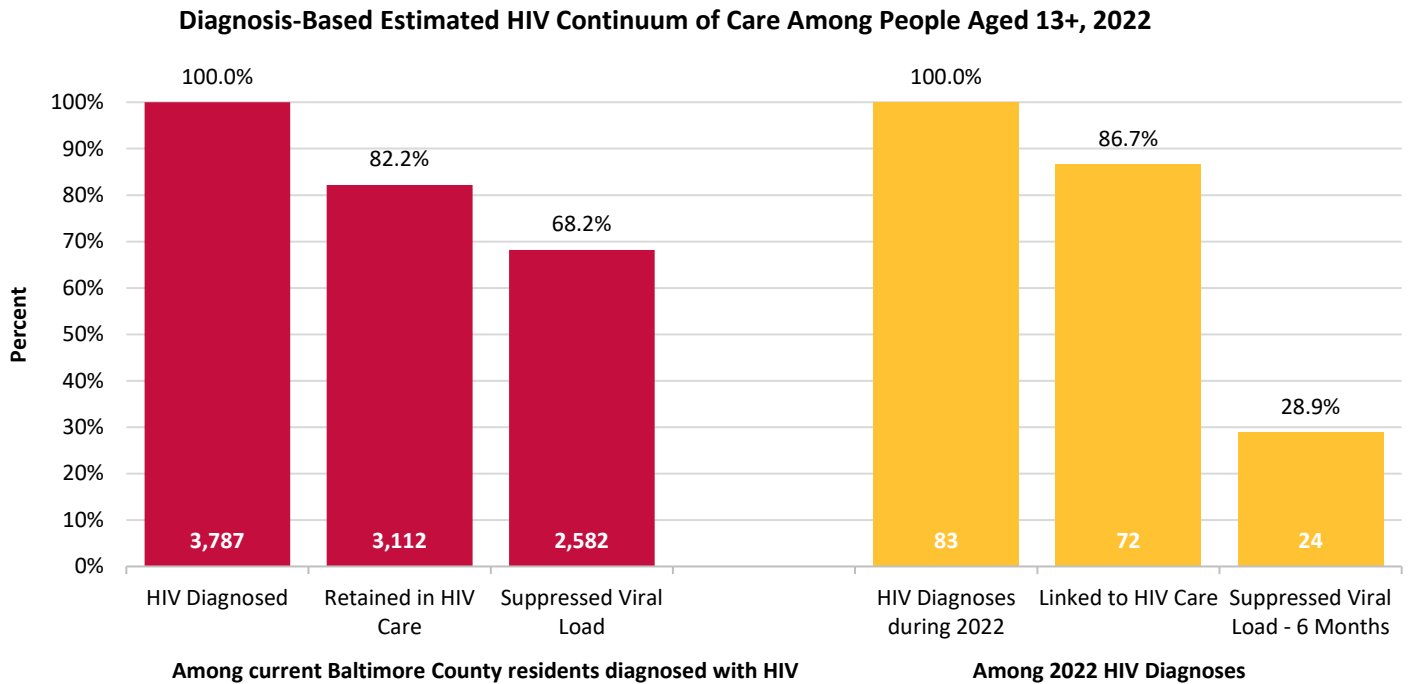
Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2022 HIV Diagnoses	
	Number	Percent		Number	Percent
HIV Diagnosed	3,787	100.0%	New HIV Diagnoses	83	100.0%
Retained in HIV Care	3,112	82.2%	Linked to HIV Care	72	86.7%
Suppressed Viral Load	2,582	68.2%	Suppressed Viral Load – 6 Months	24	28.9%

Section IV – By ZIP Code

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

ZIP Code 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
21013	2,778	0	0.0%	0.0	0	0.0%	0.0
21030	22,056	3	3.6%	13.6	2	6.1%	9.1
21031	6	0	0.0%	0.0	0	0.0%	0.0
21043	891	0	0.0%	0.0	0	0.0%	0.0
21051	215	0	0.0%	0.0	0	0.0%	0.0
21052	374	0	0.0%	0.0	0	0.0%	0.0
21053	2,712	0	0.0%	0.0	0	0.0%	0.0
21057	3,527	0	0.0%	0.0	0	0.0%	0.0
21071	538	0	0.0%	0.0	0	0.0%	0.0
21074	1,191	0	0.0%	0.0	0	0.0%	0.0
21082	674	0	0.0%	0.0	0	0.0%	0.0
21085	31	0	0.0%	0.0	0	0.0%	0.0
21087	4,171	0	0.0%	0.0	0	0.0%	0.0
21093	33,074	0	0.0%	0.0	0	0.0%	0.0
21102	897	0	0.0%	0.0	0	0.0%	0.0
21104	133	0	0.0%	0.0	0	0.0%	0.0
21105	46	0	0.0%	0.0	0	0.0%	0.0
21111	3,525	1	1.2%	28.4	1	3.0%	28.4
21117	49,450	9	10.8%	18.2	2	6.1%	4.0
21120	6,061	1	1.2%	16.5	0	0.0%	0.0
21128	12,406	1	1.2%	8.1	0	0.0%	0.0
21131	6,263	0	0.0%	0.0	0	0.0%	0.0
21133	26,021	6	7.2%	23.1	5	15.2%	19.2
21136	28,615	3	3.6%	10.5	0	0.0%	0.0
21152	5,148	0	0.0%	0.0	0	0.0%	0.0
21153	732	0	0.0%	0.0	0	0.0%	0.0
21155	1,927	0	0.0%	0.0	0	0.0%	0.0
21156	231	0	0.0%	0.0	0	0.0%	0.0
21161	2,178	0	0.0%	0.0	0	0.0%	0.0
21162	4,080	0	0.0%	0.0	0	0.0%	0.0
21163	2,338	1	1.2%	42.8	0	0.0%	0.0
21204	18,596	4	4.8%	21.5	0	0.0%	0.0
21206	8,819	3	3.6%	34.0	0	0.0%	0.0
21207	28,661	8	9.6%	27.9	4	12.1%	14.0
21208	28,335	2	2.4%	7.1	2	6.1%	7.1
21209	12,599	0	0.0%	0.0	1	3.0%	7.9
21210	822	0	0.0%	0.0	0	0.0%	0.0
21212	9,473	0	0.0%	0.0	0	0.0%	0.0
21215	2,206	1	1.2%	45.3	0	0.0%	0.0
21219	8,228	0	0.0%	0.0	0	0.0%	0.0
21220	36,694	6	7.2%	16.4	1	3.0%	2.7
21221	36,216	4	4.8%	11.0	1	3.0%	2.8
21222	47,139	3	3.6%	6.4	0	0.0%	0.0
21224	7,709	0	0.0%	0.0	0	0.0%	0.0

21227	28,491	4	4.8%	14.0	3	9.1%	10.5
21228	42,614	2	2.4%	4.7	2	6.1%	4.7
21229	6,226	0	0.0%	0.0	0	0.0%	0.0
21234	49,678	6	7.2%	12.1	3	9.1%	6.0
21236	33,697	4	4.8%	11.9	2	6.1%	5.9
21237	26,482	0	0.0%	0.0	0	0.0%	0.0
21239	4,129	1	1.2%	24.2	0	0.0%	0.0
21244	30,918	8	9.6%	25.9	2	6.1%	6.5
21250	3,359	0	0.0%	0.0	0	0.0%	0.0
21252	5,726	0	0.0%	0.0	0	0.0%	0.0
21286	18,631	2	2.4%	10.7	2	6.1%	10.7
Unknown	--	0	0.0%	--	0	0.0%	--
Total	717,811	83	100.0%	11.6	33	100.0%	4.6

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

| ZIP Code 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
21117	9	77.8%	55.6%	***	100.0%	287
21133	6	100.0%	***	***	100.0%	147
21207	8	87.5%	***	***	100.0%	358
21220	6	100.0%	***	0.0%	83.3%	336
21234	6	100.0%	***	***	83.3%	337
21244	8	62.5%	***	***	100.0%	317
Total	83	86.7%	28.9%	16.9%	97.6%	333

Note. Only ZIP codes with five or more reported HIV diagnoses have been included.

*** 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 ZIP Code of Residence at Diagnosis and Current Residence, Reported through June 30, 2023

ZIP Code of Residence	Population Aged 13+	Total People Aged 13+ Living with Diagnosed HIV								% Change
		Residence at Diagnosis				Current Residence				
		No.	% of Total	Rate	Ratio (1 in X)	No.	% of Total	Rate	Ratio (1 in X)	
21013	2,778	2	0.1%	72.0	1,389	4	0.1%	144.0	694	100.0%
21030	22,056	79	2.4%	358.2	279	88	2.3%	399.0	251	11.4%
21031	6	0	0.0%	0.0	--	***	***	***	***	***
21043	891	***	***	***	***	***	***	***	***	***
21051	215	***	***	***	***	***	***	***	***	***
21052	374	0	0.0%	0.0	--	0	0.0%	0.0	--	--
21053	2,712	4	0.1%	147.5	678	3	0.1%	110.6	904	-25.0%
21057	3,527	1	0.0%	28.3	3,527	0	0.0%	0.0	--	-100.0%
21071	538	***	***	***	***	***	***	***	***	***
21074	1,191	0	0.0%	0.0	--	1	0.0%	83.9	1,191	--
21082	674	***	***	***	***	***	***	***	***	***
21085	31	0	0.0%	0.0	--	0	0.0%	0.0	--	--
21087	4,171	3	0.1%	71.9	1,390	9	0.2%	215.8	463	200.0%
21093	33,074	48	1.4%	145.1	689	42	1.1%	127.0	787	-12.5%
21102	897	0	0.0%	0.0	--	0	0.0%	0.0	--	--
21104	133	0	0.0%	0.0	--	***	***	***	***	***
21105	46	0	0.0%	0.0	--	0	0.0%	0.0	--	--
21111	3,525	4	0.1%	113.5	881	6	0.2%	170.2	588	50.0%
21117	49,450	246	7.3%	497.5	201	335	8.8%	677.5	148	36.2%
21120	6,061	8	0.2%	132.0	758	4	0.1%	66.0	1,515	-50.0%
21128	12,406	15	0.4%	120.9	827	25	0.7%	201.5	496	66.7%
21131	6,263	6	0.2%	95.8	1,044	3	0.1%	47.9	2,088	-50.0%
21133	26,021	274	8.2%	1,053.0	95	267	7.1%	1,026.1	97	-2.6%
21136	28,615	109	3.2%	380.9	263	123	3.2%	429.9	233	12.8%
21152	5,148	4	0.1%	77.7	1,287	8	0.2%	155.4	644	100.0%
21153	732	***	***	***	***	0	0.0%	0.0	--	***
21155	1,927	0	0.0%	0.0	--	0	0.0%	0.0	--	--
21156	231	0	0.0%	0.0	--	0	0.0%	0.0	--	--
21161	2,178	2	0.1%	91.8	1,089	0	0.0%	0.0	--	-100.0%
21162	4,080	5	0.1%	122.5	816	5	0.1%	122.5	816	0.0%
21163	2,338	12	0.4%	513.2	195	0	0.0%	0.0	--	-100.0%
21204	18,596	60	1.8%	322.7	310	61	1.6%	328.0	305	1.7%
21206	8,819	52	1.6%	589.7	170	76	2.0%	861.8	116	46.2%
21207	28,661	307	9.2%	1,071.1	93	374	9.9%	1,304.9	77	21.8%
21208	28,335	155	4.6%	547.0	183	172	4.5%	607.0	165	11.0%
21209	12,599	41	1.2%	325.4	307	45	1.2%	357.2	280	9.8%
21210	822	***	***	***	***	***	***	***	***	***
21212	9,473	14	0.4%	147.8	677	18	0.5%	190.0	526	28.6%
21215	2,206	24	0.7%	1,087.9	92	34	0.9%	1,541.1	65	41.7%
21219	8,228	20	0.6%	243.1	411	12	0.3%	145.8	686	-40.0%
21220	36,694	144	4.3%	392.4	255	203	5.4%	553.2	181	41.0%
21221	36,216	221	6.6%	610.2	164	214	5.7%	590.9	169	-3.2%
21222	47,139	211	6.3%	447.6	223	247	6.5%	524.0	191	17.1%
21224	7,709	25	0.7%	324.3	308	40	1.1%	518.9	193	60.0%
21227	28,491	121	3.6%	424.7	235	99	2.6%	347.5	288	-18.2%

21228	42,614	133	4.0%	312.1	320	176	4.6%	413.0	242	32.3%
21229	6,226	47	1.4%	754.9	132	57	1.5%	915.6	109	21.3%
21234	49,678	245	7.3%	493.2	203	281	7.4%	565.6	177	14.7%
21236	33,697	94	2.8%	279.0	358	104	2.7%	308.6	324	10.6%
21237	26,482	141	4.2%	532.4	188	172	4.5%	649.5	154	22.0%
21239	4,129	35	1.0%	847.7	118	36	1.0%	872.0	115	2.9%
21244	30,918	331	9.9%	1,070.6	93	314	8.3%	1,015.6	98	-5.1%
21250	3,359	0	0.0%	0.0	--	0	0.0%	0.0	--	--
21252	5,726	1	0.0%	17.5	5,726	0	0.0%	0.0	--	-100.0%
21286	18,631	66	2.0%	354.2	282	78	2.1%	418.7	239	18.2%
Unknown	--	32	1.0%	--	--	36	1.0%	--	--	--
Total	717,811	3,354	100.0%	467.3	214	3,787	100.0%	527.6	190	12.9%

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

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

ZIP Code of Current Residence	No.	Total People Aged 13+ Living with Diagnosed HIV						
		Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
21013	4	***	***	***	***	***	***	***
21030	88	73	83.0%	690	4.1%	5.5%	16.4%	74.0%
21031	***	***	***	***	***	***	***	***
21043	***	***	***	***	***	***	***	***
21051	***	***	***	***	***	***	***	***
21052	0	--	--	--	--	--	--	--
21053	3	***	***	***	***	***	***	***
21057	0	--	--	--	--	--	--	--
21071	***	***	***	***	***	***	***	***
21074	1	***	***	***	***	***	***	***
21082	***	***	***	***	***	***	***	***
21085	0	--	--	--	--	--	--	--
21087	9	5	55.6%	883	20.0%	0.0%	0.0%	80.0%
21093	42	30	71.4%	593	6.7%	6.7%	23.3%	63.3%
21102	0	--	--	--	--	--	--	--
21104	***	***	***	***	***	***	***	***
21105	0	--	--	--	--	--	--	--
21111	6	***	***	***	***	***	***	***
21117	335	243	72.5%	672	4.9%	5.8%	17.7%	71.6%
21120	4	***	***	***	***	***	***	***
21128	25	16	64.0%	678	0.0%	12.5%	25.0%	62.5%
21131	3	***	***	***	***	***	***	***
21133	267	211	79.0%	694	5.2%	8.1%	13.3%	73.5%
21136	123	82	66.7%	756	4.9%	9.8%	7.3%	78.0%
21152	8	5	62.5%	725	0.0%	20.0%	0.0%	80.0%
21153	0	--	--	--	--	--	--	--
21155	0	--	--	--	--	--	--	--
21156	0	--	--	--	--	--	--	--
21161	0	--	--	--	--	--	--	--
21162	5	***	***	***	***	***	***	***
21163	0	--	--	--	--	--	--	--
21204	61	49	80.3%	672	6.1%	4.1%	16.3%	73.5%
21206	76	51	67.1%	641	3.9%	7.8%	17.6%	70.6%
21207	374	280	74.9%	675	3.6%	10.7%	13.2%	72.5%
21208	172	140	81.4%	718	7.9%	7.9%	16.4%	67.9%
21209	45	34	75.6%	756	11.8%	2.9%	2.9%	82.4%
21210	***	***	***	***	***	***	***	***
21212	18	13	72.2%	589	7.7%	15.4%	0.0%	76.9%
21215	34	23	67.6%	702	0.0%	13.0%	17.4%	69.6%
21219	12	6	50.0%	543	16.7%	0.0%	33.3%	50.0%
21220	203	153	75.4%	671	4.6%	12.4%	15.0%	68.0%
21221	214	159	74.3%	688	4.4%	10.7%	14.5%	70.4%
21222	247	187	75.7%	641	4.8%	8.6%	17.1%	69.5%
21224	40	24	60.0%	626	8.3%	8.3%	20.8%	62.5%

21227	99	68	68.7%	548	8.8%	16.2%	19.1%	55.9%
21228	176	137	77.8%	579	8.0%	14.6%	16.8%	60.6%
21229	57	39	68.4%	615	5.1%	10.3%	10.3%	74.4%
21234	281	206	73.3%	639	6.3%	9.7%	16.0%	68.0%
21236	104	79	76.0%	621	5.1%	16.5%	13.9%	64.6%
21237	172	130	75.6%	675	3.8%	9.2%	20.0%	66.9%
21239	36	26	72.2%	651	3.8%	15.4%	19.2%	61.5%
21244	314	233	74.2%	644	4.7%	10.3%	15.9%	69.1%
21250	0	--	--	--	--	--	--	--
21252	0	--	--	--	--	--	--	--
21286	78	57	73.1%	653	1.8%	10.5%	22.8%	64.9%
Unknown	8	4	50.0%	404	0.0%	25.0%	75.0%	0.0%
Total	3,787	2,811	74.2%	666	5.3%	9.7%	15.8%	69.2%

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

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

ZIP Code 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
21013	4	***	***	***	***
21030	88	73	83.0%	86.3%	6,050
21031	***	***	***	***	***
21043	***	***	***	***	***
21051	***	***	***	***	***
21052	0	--	--	--	--
21053	3	***	***	***	***
21057	0	--	--	--	--
21071	***	***	***	***	***
21074	1	***	***	***	***
21082	***	***	***	***	***
21085	0	--	--	--	--
21087	9	8	88.9%	87.5%	162,000
21093	42	32	76.2%	96.9%	233,000
21102	0	--	--	--	--
21104	***	***	***	***	***
21105	0	--	--	--	--
21111	6	***	***	***	***
21117	335	245	73.1%	89.4%	13,900
21120	4	***	***	***	***
21128	25	18	72.0%	88.9%	2,251
21131	3	***	***	***	***
21133	267	208	77.9%	92.3%	15,850
21136	123	89	72.4%	93.3%	29,800
21152	8	6	75.0%	100.0%	--
21153	0	--	--	--	--
21155	0	--	--	--	--
21156	0	--	--	--	--
21161	0	--	--	--	--
21162	5	***	***	***	***
21163	0	--	--	--	--
21204	61	50	82.0%	92.0%	1,930
21206	76	52	68.4%	92.3%	17,000
21207	374	292	78.1%	86.6%	2,860
21208	172	139	80.8%	91.4%	22,590
21209	45	33	73.3%	97.0%	4,460
21210	***	***	***	***	***
21212	18	13	72.2%	92.3%	56,100
21215	34	24	70.6%	91.7%	12,885
21219	12	7	58.3%	100.0%	--
21220	203	158	77.8%	83.5%	29,450
21221	214	160	74.8%	90.6%	2,710
21222	247	196	79.4%	91.3%	5,970

21224	40	25	62.5%	88.0%	15,900
21227	99	73	73.7%	86.3%	24,495
21228	176	133	75.6%	89.5%	3,410
21229	57	36	63.2%	91.7%	59,400
21234	281	207	73.7%	89.9%	722
21236	104	84	80.8%	86.9%	45,300
21237	172	131	76.2%	95.4%	6,000
21239	36	24	66.7%	91.7%	6,125
21244	314	242	77.1%	91.7%	7,775
21250	0	--	--	--	--
21252	0	--	--	--	--
21286	78	56	71.8%	91.1%	13,800
Unknown	8	4	50.0%	75.0%	80,500
Total	3,787	2,869	75.8%	90.0%	8,620

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

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)	47,599	1	1.2%	2.1	***	***	***	***	***
5-12 (Pediatric)	80,751	0	0.0%	0.0	--	--	--	--	--
13-19	76,652	3	3.6%	3.9	***	***	***	***	***
20-29	105,712	29	34.5%	27.4	82.8%	41.4%	***	100.0%	337
30-39	114,266	33	39.3%	28.9	90.9%	33.3%	15.2%	93.9%	467
40-49	100,513	9	10.7%	9.0	88.9%	***	***	100.0%	257
50-59	107,648	5	6.0%	4.6	***	0.0%	***	100.0%	227
60-69	106,158	4	4.8%	3.8	***	***	***	***	***
70+	106,862	0	0.0%	0.0	--	--	--	--	--
Total	846,161	84	100.0%	9.9	86.9%	29.8%	16.7%	97.6%	335

Alternate Age Categories									
13-24	130,490	17	20.5%	13.0	82.4%	***	***	100.0%	381
25-34	109,563	30	36.1%	27.4	90.0%	40.0%	***	96.7%	333
35-44	109,226	23	27.7%	21.1	87.0%	34.8%	21.7%	95.7%	348
45-54	100,601	8	9.6%	8.0	100.0%	0.0%	***	100.0%	279
55-64	111,434	3	3.6%	2.7	***	***	***	***	***
65+	156,497	2	2.4%	1.3	***	***	***	***	***
Total	717,811	83	100.0%	11.6	86.9%	29.8%	16.7%	97.6%	335

*** 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)	47,599	1	0.0%	2.1	47,599
5-12 (Pediatric)	80,751	2	0.1%	2.5	40,376
13-19	76,652	18	0.5%	23.5	4,258
20-29	105,712	278	7.3%	263.0	380
30-39	114,266	688	18.2%	602.1	166
40-49	100,513	790	20.8%	786.0	127
50-59	107,648	991	26.1%	920.6	109
60-69	106,158	779	20.6%	733.8	136
70+	106,862	243	6.4%	227.4	440
Total	846,161	3,790	100.0%	447.9	223
Alternate Age Categories					
13-24	130,490	105	2.8%	80.5	1,243
25-34	109,563	495	13.1%	451.8	221
35-44	109,226	784	20.7%	717.8	139
45-54	100,601	872	23.0%	866.8	115
55-64	111,434	977	25.8%	876.8	114
65+	156,497	554	14.6%	354.0	282
Total	717,811	3,787	100.0%	527.6	190

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	No.	Total People Aged 13+ Living with Diagnosed HIV						
		Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	18	15	83.3%	729	0.0%	6.7%	6.7%	86.7%
20-29	278	212	76.3%	680	5.2%	6.6%	15.6%	72.6%
30-39	688	516	75.0%	690	7.2%	8.5%	14.5%	69.8%
40-49	790	566	71.6%	675	4.4%	8.5%	16.4%	70.7%
50-59	991	730	73.7%	672	5.5%	10.0%	14.4%	70.1%
60-69	779	584	75.0%	634	3.9%	11.5%	17.5%	67.1%
70+	243	188	77.4%	579	7.4%	13.8%	18.1%	60.6%
Total	3,787	2,811	74.2%	666	5.3%	9.7%	15.8%	69.2%
Alternate Age Categories								
13-24	105	88	83.8%	709	0.0%	5.7%	12.5%	81.8%
25-34	495	361	72.9%	670	7.5%	8.9%	15.0%	68.7%
35-44	784	585	74.6%	697	6.2%	8.0%	15.7%	70.1%
45-54	872	623	71.4%	673	5.1%	8.5%	15.2%	71.1%
55-64	977	720	73.7%	660	4.2%	10.3%	16.0%	69.6%
65+	554	434	78.3%	606	5.8%	14.3%	17.5%	62.4%
Total	3,787	2,811	74.2%	666	5.3%	9.7%	15.8%	69.2%

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

Age on December 31, 2022	No.	Total People Aged 13+ Living with Diagnosed HIV			
		Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed Viral Load
13-19	18	15	83.3%	86.7%	1,561
20-29	278	214	77.0%	80.8%	15,900
30-39	688	511	74.3%	84.1%	10,900
40-49	790	599	75.8%	89.1%	5,970
50-59	991	748	75.5%	92.8%	4,840
60-69	779	613	78.7%	94.1%	7,495
70+	243	169	69.5%	95.3%	27,500
Total	**3,787**	**2,869**	**75.8%**	**90.0%**	**8,620**
Alternate Age Categories					
13-24	105	87	82.9%	82.8%	3,960
25-34	495	359	72.5%	82.2%	12,350
35-44	784	596	76.0%	85.6%	7,180
45-54	872	648	74.3%	91.5%	7,280
55-64	977	763	78.1%	94.6%	5,010
65+	554	416	75.1%	93.8%	7,310
Total	**3,787**	**2,869**	**75.8%**	**90.0%**	**8,620**

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	380,341	22	26.5%	5.8	86.4%	31.8%	***	100.0%	357
Male	337,470	61	73.5%	18.1	86.9%	27.9%	***	96.7%	325
Gender Identity									
Cisgender Man or Boy	337,470	59	71.1%	17.5	88.1%	27.1%	16.9%	96.6%	325
Cisgender Woman or Girl	380,341	22	26.5%	5.8	***	***	***	***	***
Transgender Man or Boy	--	0	0.0%	0.0	--	--	--	--	--
Transgender Woman or Girl	--	2	2.4%	0.0	***	***	***	***	***
Another Gender Identity	--	0	0.0%	0.0	--	--	--	--	--
Race/Ethnicity									
Hispanic	39,744	9	10.8%	22.6	55.6%	***	***	100.0%	336
Non-Hispanic	678,067	74	89.2%	10.9	90.5%	27.0%	16.2%	97.3%	332
American Indian/Alaska Native, only	1,930	0	0.0%	0.0	--	--	--	--	--
Asian, only	45,896	2	2.4%	4.4	***	***	***	***	***
Black, only	217,837	59	71.1%	27.1	88.1%	27.1%	15.3%	96.6%	330
Native Hawaiian/Other Pacific Islander, only	272	0	0.0%	0.0	--	--	--	--	--
White, only	397,825	12	14.5%	3.0	100.0%	***	***	100.0%	355
Multiracial/Another Race	14,308	1	1.2%	7.0	***	***	***	***	***
Total	717,811	83	100.0%	11.6	86.7%	28.9%	16.9%	97.6%	333
Country of Birth									
United States	602,775	72	86.7%	11.9	88.9%	29.2%	15.3%	97.2%	349
Foreign-Born	96,380	10	12.0%	10.4	80.0%	***	***	100.0%	263
Africa	--	4	4.8%	--	***	***	***	***	***
Asia	--	2	2.4%	--	***	***	***	***	***
Caribbean	--	0	0.0%	--	--	--	--	--	--
Central America	--	2	2.4%	--	***	***	***	***	***
Other	--	2	2.4%	--	***	***	***	***	***
Unknown	--	1	1.2%	--	***	***	***	***	***
Total	699,155	83	100.0%	11.9	86.7%	28.9%	16.9%	97.6%	333

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+							
	Assigned Sex at Birth							
Race/Ethnicity	Female				Male			
	Population 13+	No.	% of Total	Rate	Population 13+	No.	% of Total	Rate
Hispanic	19,193	3	13.6%	15.6	20,551	6	9.8%	29.2
Non-Hispanic	361,149	19	86.4%	5.3	316,919	55	90.2%	17.4
American Indian/Alaska Native, only	1,039	0	0.0%	0.0	891	0	0.0%	0.0
Asian, only	23,616	0	0.0%	0.0	22,279	2	3.3%	9.0
Black, only	121,626	15	68.2%	12.3	96,211	44	72.1%	45.7
Native Hawaiian/Other Pacific Islander, only	154	0	0.0%	0.0	118	0	0.0%	0.0
White, only	207,148	4	18.2%	1.9	190,677	8	13.1%	4.2
Multiracial/Another Race	7,565	0	0.0%	0.0	6,743	1	1.6%	14.8
Total	380,341	22	100.0%	5.8	337,470	61	100.0%	18.1

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	380,341	1,416	37.4%	372.3	269
Male	337,470	2,371	62.6%	702.6	142
Gender Identity					
Cisgender Man or Boy	337,470	2,337	61.7%	692.5	144
Cisgender Woman or Girl	380,341	1,413	37.3%	371.5	269
Transgender Man or Boy	--	3	0.1%	--	--
Transgender Woman or Girl	--	34	0.9%	--	--
Another Gender Identity	--	0	0.0%	--	--
Race/Ethnicity					
Hispanic	39,744	220	5.8%	553.5	181
Non-Hispanic	678,067	3,567	94.2%	526.1	190
American Indian/Alaska Native, only	1,930	1	0.0%	51.8	1,930
Asian, only	45,896	49	1.3%	106.8	937
Black, only	217,837	2,720	71.8%	1,248.6	80
Native Hawaiian/Other Pacific Islander, only	272	0	0.0%	0.0	--
White, only	397,825	576	15.2%	144.8	691
Multiracial/Another Race	14,308	221	5.8%	1,544.6	65
Total	717,811	3,787	100.0%	527.6	190
Country of Birth					
United States	602,775	3,232	85.3%	536.2	187
Foreign-Born	96,380	460	12.1%	477.3	210
Africa	--	283	7.5%	--	--
Asia	--	52	1.4%	--	--
Caribbean	--	34	0.9%	--	--
Central America	--	54	1.4%	--	--
Other	--	37	1.0%	--	--
Unknown	--	95	2.5%	--	--
Total	699,155	3,787	100.0%	541.7	185

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

Race/Ethnicity	Total People Aged 13+ Living with Diagnosed HIV							
	Assigned Sex at Birth							
	Female				Male			
	Population 13+	No.	% of Total	Rate	Population 13+	No.	% of Total	Rate
Hispanic	19,193	55	3.9%	286.6	20,551	165	7.0%	802.9
Non-Hispanic	361,149	1,361	96.1%	376.9	316,919	2,206	93.0%	696.1
American Indian/Alaska Native, only	1,039	1	0.1%	96.2	891	0	0.0%	0.0
Asian, only	23,616	13	0.9%	55.0	22,279	36	1.5%	161.6
Black, only	121,626	1,142	80.6%	938.9	96,211	1,578	66.6%	1,640.2
Native Hawaiian/Other Pacific Islander, only	154	0	0.0%	0.0	118	0	0.0%	0.0
White, only	207,148	127	9.0%	61.3	190,677	449	18.9%	235.5
Multiracial/Another Race	7,565	78	5.5%	1,031.1	6,743	143	6.0%	2,120.8
Total	380,341	1,416	100.0%	372.3	337,470	2,371	100.0%	702.6

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	No.	Total People Aged 13+ Living with Diagnosed HIV						
		Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Assigned Sex at Birth								
Female	1,416	1,059	74.8%	708	5.3%	8.0%	13.7%	73.0%
Male	2,371	1,752	73.9%	640	5.4%	10.7%	17.0%	66.9%
Gender Identity								
Cisgender Man or Boy	2,337	1,727	73.9%	639	5.4%	10.8%	17.2%	66.6%
Cisgender Woman or Girl	1,413	1,059	74.9%	708	5.3%	8.0%	13.7%	73.0%
Transgender Man or Boy	3	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
Transgender Woman or Girl	34	25	73.5%	1,024	4.0%	8.0%	4.0%	84.0%
Another Gender Identity	0	--	--	--	--	--	--	--
Race/Ethnicity								
Hispanic	220	162	73.6%	653	8.6%	10.5%	16.7%	64.2%
Non-Hispanic	3,567	2,649	74.3%	666	5.1%	9.7%	15.7%	69.5%
American Indian/Alaska Native, only	1	***	***	***	***	***	***	***
Asian, only	49	***	***	***	***	***	***	***
Black, only	2,720	2,063	75.8%	675	4.9%	9.2%	14.5%	71.3%
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--	--	--	--
White, only	576	389	67.5%	623	4.9%	12.3%	19.3%	63.5%
Multiracial/Another Race	221	156	70.6%	633	7.7%	8.3%	19.2%	64.7%
Country of Birth								
United States	3,232	2,408	74.5%	662	5.5%	10.2%	15.8%	68.5%
Foreign-Born	460	331	72.0%	680	3.9%	7.6%	15.4%	73.1%
Africa	283	204	72.1%	692	3.9%	5.4%	13.2%	77.5%
Asia	52	38	73.1%	514	2.6%	13.2%	28.9%	55.3%
Caribbean	34	26	76.5%	775	0.0%	15.4%	3.8%	80.8%
Central America	54	38	70.4%	719	5.3%	7.9%	18.4%	68.4%
Other	37	25	67.6%	727	8.0%	8.0%	20.0%	64.0%
Unknown	95	72	75.8%	827	5.6%	4.2%	15.3%	75.0%
Total	3,787	2,811	74.2%	666	5.3%	9.7%	15.8%	69.2%

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

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

Demographic Characteristics	No.	Total People Aged 13+ Living with Diagnosed HIV			
		Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed Viral Load
Assigned Sex at Birth					
Female	1,416	1,095	77.3%	90.5%	7,992
Male	2,371	1,774	74.8%	89.7%	9,500
Gender Identity					
Cisgender Man or Boy	2,337	1,750	74.9%	89.8%	7,830
Cisgender Woman or Girl	1,413	1,094	77.4%	90.5%	7,992
Transgender Man or Boy	3	***	***	***	***
Transgender Woman or Girl	34	***	***	***	***
Another Gender Identity	0	--	--	--	--
Race/Ethnicity					
Hispanic	220	168	76.4%	88.1%	16,250
Non-Hispanic	3,567	2,701	75.7%	90.1%	7,830
American Indian/Alaska Native, only	1	***	***	***	***
Asian, only	49	***	***	***	***
Black, only	2,720	2,073	76.2%	89.7%	7,322
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--
White, only	576	420	72.9%	91.2%	13,700
Multiracial/Another Race	221	166	75.1%	91.0%	17,400
Country of Birth					
United States	3,232	2,464	76.2%	89.2%	9,060
Foreign-Born	460	337	73.3%	95.0%	7,079
Africa	283	205	72.4%	95.1%	24,940
Asia	52	40	76.9%	100.0%	--
Caribbean	34	23	67.6%	95.7%	898
Central America	54	41	75.9%	90.2%	21,830
Other	37	28	75.7%	92.9%	3,520,975
Unknown	95	68	71.6%	94.1%	26,565
Total	3,787	2,869	75.8%	90.0%	8,620

*** 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				
		Race/Ethnicity				Total Females by Age Group
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race	
<13 (Pediatric)	Population	7,816	22,067	25,065	8,392	63,340
	Number	0	2	0	0	2
	Rate	0.0	9.1	0.0	0.0	3.2
	Ratio (1 in X)	--	11,034	--	--	31,670
13-19	Population	3,386	13,020	17,215	4,489	38,110
	Number	0	6	0	1	7
	Rate	0.0	46.1	0.0	22.3	18.4
	Ratio (1 in X)	--	2,170	--	4,489	5,444
20-29	Population	3,850	20,062	24,222	5,735	53,869
	Number	3	48	4	1	56
	Rate	77.9	239.3	16.5	17.4	104.0
	Ratio (1 in X)	1,283	418	6,056	5,735	962
30-39	Population	3,761	21,605	28,335	5,900	59,601
	Number	10	142	16	11	179
	Rate	265.9	657.3	56.5	186.4	300.3
	Ratio (1 in X)	376	152	1,771	536	333
40-49	Population	3,570	18,795	24,904	5,407	52,676
	Number	15	286	25	31	357
	Rate	420.2	1,521.7	100.4	573.3	677.7
	Ratio (1 in X)	238	66	996	174	148
50-59	Population	2,192	18,636	30,806	4,443	56,077
	Number	17	342	47	28	434
	Rate	775.5	1,835.2	152.6	630.2	773.9
	Ratio (1 in X)	129	54	655	159	129
60-69	Population	1,303	15,596	36,429	3,332	56,660
	Number	8	233	29	16	286
	Rate	614.0	1,494.0	79.6	480.2	504.8
	Ratio (1 in X)	163	67	1,256	208	198
70+	Population	1,131	13,912	45,237	3,068	63,348
	Number	2	85	6	4	97
	Rate	176.8	611.0	13.3	130.4	153.1
	Ratio (1 in X)	566	164	7,540	767	653
Total Females by Race/Ethnicity	Population	27,009	143,693	232,213	40,766	443,681
	Number	55	1,138	127	91	1,411
	Rate	203.6	792.0	54.7	223.2	318.0
	Ratio (1 in X)	491	126	1,828	448	314

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				
		Race/Ethnicity				Total Females by Age Group
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race	
13-24	Population	5,427	23,135	29,432	7,450	65,444
	Number	1	16	0	1	18
	Rate	18.4	69.2	0.0	13.4	27.5
	Ratio (1 in X)	5,427	1,446	--	7,450	3,636
25-34	Population	3,637	21,045	26,078	5,858	56,618
	Number	5	95	11	3	114
	Rate	137.5	451.4	42.2	51.2	201.3
	Ratio (1 in X)	727	222	2,371	1,953	497
35-44	Population	3,825	20,428	27,224	5,525	57,002
	Number	16	217	24	25	282
	Rate	418.3	1,062.3	88.2	452.5	494.7
	Ratio (1 in X)	239	94	1,134	221	202
45-54	Population	2,913	18,412	26,176	5,175	52,676
	Number	17	327	37	29	410
	Rate	583.6	1,776.0	141.4	560.4	778.3
	Ratio (1 in X)	171	56	707	178	128
55-64	Population	1,681	17,483	35,445	3,801	58,410
	Number	11	311	37	22	381
	Rate	654.4	1,778.9	104.4	578.8	652.3
	Ratio (1 in X)	153	56	958	173	153
65+	Population	1,710	21,123	62,793	4,565	90,191
	Number	5	176	18	12	211
	Rate	292.4	833.2	28.7	262.9	233.9
	Ratio (1 in X)	342	120	3,489	380	427
Total Females by Race/Ethnicity	Population	19,193	121,626	207,148	32,374	380,341
	Number	55	1,142	127	92	1,416
	Rate	286.6	938.9	61.3	284.2	372.3
	Ratio (1 in X)	349	107	1,631	352	269

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	8,081	22,322	26,126	8,481	65,010
	Number	0	0	1	0	1
	Rate	0.0	0.0	3.8	0.0	1.5
	Ratio (1 in X)	--	--	26,126	--	65,010
13-19	Population	3,572	13,076	17,439	4,455	38,542
	Number	0	11	0	0	11
	Rate	0.0	84.1	0.0	0.0	28.5
	Ratio (1 in X)	--	1,189	--	--	3,504
20-29	Population	3,868	17,513	24,815	5,647	51,843
	Number	23	172	14	13	222
	Rate	594.6	982.1	56.4	230.2	428.2
	Ratio (1 in X)	168	102	1,773	434	234
30-39	Population	4,089	16,870	28,092	5,614	54,665
	Number	50	371	54	34	509
	Rate	1,222.8	2,199.2	192.2	605.6	931.1
	Ratio (1 in X)	82	45	520	165	107
40-49	Population	4,287	14,290	24,420	4,840	47,837
	Number	42	273	81	37	433
	Rate	979.7	1,910.4	331.7	764.5	905.2
	Ratio (1 in X)	102	52	301	131	110
50-59	Population	2,616	15,104	29,707	4,144	51,571
	Number	31	334	138	54	557
	Rate	1,185.0	2,211.3	464.5	1,303.1	1,080.1
	Ratio (1 in X)	84	45	215	77	93
60-69	Population	1,333	11,552	33,626	2,987	49,498
	Number	***	332	116	***	493
	Rate	***	2,874.0	345.0	***	996.0
	Ratio (1 in X)	***	35	290	***	100
70+	Population	786	7,806	32,578	2,344	43,514
	Number	***	85	46	***	146
	Rate	***	1,088.9	141.2	***	335.5
	Ratio (1 in X)	***	92	708	***	298
Total Males by Race/Ethnicity	Population	28,632	118,533	216,803	38,512	402,480
	Number	165	1,567	450	179	2,361
	Rate	576.3	1,322.0	207.6	464.8	586.6
	Ratio (1 in X)	174	76	482	215	170

*** 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	5,645	22,128	29,886	7,387	65,046
	Number	6	75	5	1	87
	Rate	106.3	338.9	16.7	13.5	133.8
	Ratio (1 in X)	941	295	5,977	7,387	748
25-34	Population	3,650	17,415	26,327	5,553	52,945
	Number	35	284	34	28	381
	Rate	958.9	1,630.8	129.1	504.2	719.6
	Ratio (1 in X)	104	61	774	198	139
35-44	Population	4,614	15,326	26,948	5,336	52,224
	Number	56	347	67	32	502
	Rate	1,213.7	2,264.1	248.6	599.7	961.2
	Ratio (1 in X)	82	44	402	167	104
45-54	Population	3,384	14,465	25,443	4,633	47,925
	Number	37	265	112	48	462
	Rate	1,093.4	1,832.0	440.2	1,036.0	964.0
	Ratio (1 in X)	91	55	227	97	104
55-64	Population	1,939	14,177	33,507	3,401	53,024
	Number	21	384	140	51	596
	Rate	1,083.0	2,708.6	417.8	1,499.6	1,124.0
	Ratio (1 in X)	92	37	239	67	89
65+	Population	1,319	12,700	48,566	3,721	66,306
	Number	10	223	91	19	343
	Rate	758.2	1,755.9	187.4	510.6	517.3
	Ratio (1 in X)	132	57	534	196	193
Total Males by Race/Ethnicity	Population	20,551	96,211	190,677	30,031	337,470
	Number	165	1,578	449	179	2,371
	Rate	802.9	1,640.2	235.5	596.0	702.6
	Ratio (1 in X)	125	61	425	168	142

Section VII – By HIV Exposure Category

<u>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</u>

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)	49	59.3%	88.0%	59.1%	11.4%	98.0%	363
Injection Drug Use (IDU)	5	6.0%	98.0%	***	***	100.0%	400
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	0	0.0%	--	--	--	--	--
Heterosexual Contact (HET)	29	34.7%	82.6%	***	***	96.5%	257
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	**83**	**100.0%**	**86.7%**	**52.2%**	**16.9%**	**97.6%**	**333**
Female Estimated or Reported Exposure Category							
Injection Drug Use (IDU)	4	15.9%	***	***	***	***	***
Heterosexual Contact (HET)	19	84.1%	***	***	***	***	***
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	**22**	**100.0%**	**86.4%**	**50.0%**	**18.2%**	**100.0%**	**357**
Male Estimated or Reported Exposure Category							
Male-to-male Sexual Contact (MMSC)	49	80.7%	88.0%	59.1%	11.4%	98.0%	363
Injection Drug Use (IDU)	2	2.5%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	0	0.0%	--	--	--	--	--
Heterosexual Contact (HET)	10	16.9%	***	***	***	***	***
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	**61**	**100.0%**	**86.9%**	**53.1%**	**16.4%**	**96.7%**	**325**

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)	1,417	37.4%
Injection Drug Use (IDU)	602	15.9%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	97	2.6%
Heterosexual Contact (HET)	1,583	41.8%
Perinatal Transmission	76	2.0%
Other Exposure	6	0.2%
No Estimated or Reported Exposure	6	0.2%
Total	**3,787**	**100.0%**

Female Estimated or Reported Exposure Category		
Injection Drug Use (IDU)	254	18.0%
Heterosexual Contact (HET)	1,117	78.9%
Perinatal Transmission	39	2.8%
Other Exposure	1	0.1%
No Estimated or Reported Exposure	5	0.4%
Total	**1,416**	**100.0%**

Male Estimated or Reported Exposure Category		
Male-to-male Sexual Contact (MMSC)	1,417	59.7%
Injection Drug Use (IDU)	348	14.7%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	97	4.1%
Heterosexual Contact (HET)	467	19.7%
Perinatal Transmission	37	1.6%
Other Exposure	5	0.2%
No Estimated or Reported Exposure	1	0.0%
Total	**2,371**	**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)	115	52.5%	870	32.0%	316	54.8%
Injection Drug Use (IDU)	13	6.0%	436	16.0%	107	18.6%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	6	2.8%	65	2.4%	19	3.3%
Heterosexual Contact (HET)	82	37.4%	1,276	46.9%	127	22.0%
Perinatal Transmission	1	0.5%	68	2.5%	3	0.5%
Other Exposure	1	0.5%	1	0.0%	4	0.7%
No Estimated or Reported Exposure	1	0.5%	5	0.2%	0	0.0%
Total	219	100.0%	2,721	100.0%	576	100.0%
Female Estimated or Reported Exposure Category						
Injection Drug Use (IDU)	5	8.2%	173	15.2%	52	40.6%
Heterosexual Contact (HET)	50	90.0%	928	81.2%	75	58.7%
Perinatal Transmission	0	0.0%	36	3.2%	1	0.8%
Other Exposure	0	0.0%	1	0.1%	0	0.0%
No Estimated or Reported Exposure	1	1.8%	4	0.4%	0	0.0%
Total	56	100.0%	1,142	100.0%	128	100.0%
Male Estimated or Reported Exposure Category						
Male-to-male Sexual Contact (MMSC)	115	69.9%	870	55.1%	316	70.4%
Injection Drug Use (IDU)	9	5.2%	263	16.7%	56	12.4%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	6	3.8%	65	4.1%	19	4.2%
Heterosexual Contact (HET)	33	19.9%	348	22.0%	52	11.6%
Perinatal Transmission	1	0.6%	32	2.0%	2	0.4%
Other Exposure	1	0.6%	0	0.0%	4	0.9%
No Estimated or Reported Exposure	0	0.0%	1	0.1%	0	0.0%
Total	165	100.0%	1,579	100.0%	449	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	No.	No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Total People Aged 13+ with Living Diagnosed HIV								
				Recent CD4 Test Results				
Male-to-male Sexual Contact (MMSC)	1,417	1,072	75.6%	680	4.2%	8.5%	17.0%	70.2%
Injection Drug Use (IDU)	602	454	75.3%	611	8.3%	13.9%	15.4%	62.3%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	97	62	64.2%	629	6.7%	8.8%	9.6%	74.8%
Heterosexual Contact (HET)	1,583	1,152	72.8%	684	4.4%	9.0%	15.5%	71.1%
Perinatal Transmission	76	59	77.6%	586	16.9%	11.9%	6.8%	64.4%
Other Exposure	6	6	100.0%	271	33.3%	33.3%	16.7%	16.7%
No Estimated or Reported Exposure	6	6	100.0%	823	0.0%	0.0%	16.7%	83.3%
Total	**3,787**	**2,811**	**74.2%**	**666**	**5.3%**	**9.7%**	**15.8%**	**69.2%**

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

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

Estimated or Reported Exposure Category	No.	No. with Test	% with Test	% Suppressed	Median Unsuppressed Viral Load
Total People Aged 13+ with Living Diagnosed HIV					
		Recent Viral Load Test Results			
Male-to-male Sexual Contact (MMSC)	1,417	1,088	76.8%	89.7%	13,400
Injection Drug Use (IDU)	602	457	75.9%	88.2%	4,880
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	97	67	68.8%	89.2%	2,180
Heterosexual Contact (HET)	1,583	1,184	74.8%	91.8%	9,500
Perinatal Transmission	76	63	82.9%	74.6%	10,800
Other Exposure	6	6	100.0%	100.0%	--
No Estimated or Reported Exposure	6	5	83.3%	80.0%	2,710
Total	**3,787**	**2,869**	**75.8%**	**90.0%**	**8,620**

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

Section VIII – Disease Progression and Mortality

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

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

Number with AIDS by 12/31/2022
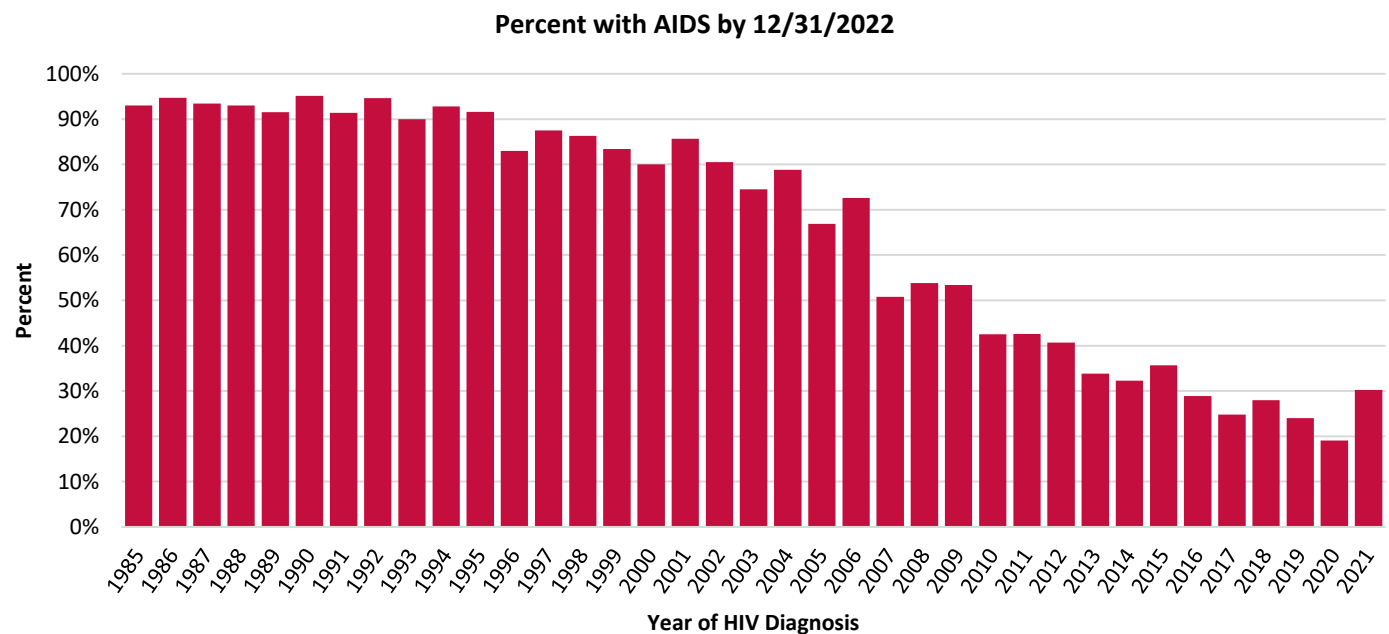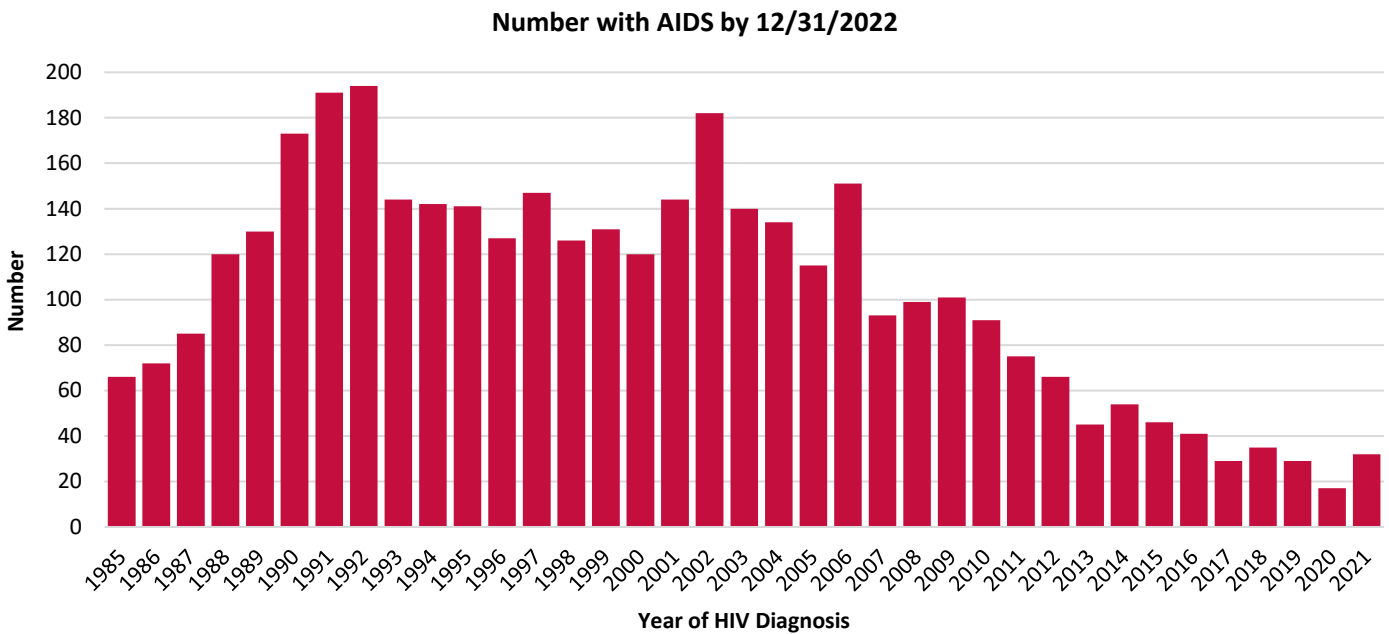
Percent with AIDS by 12/31/2022

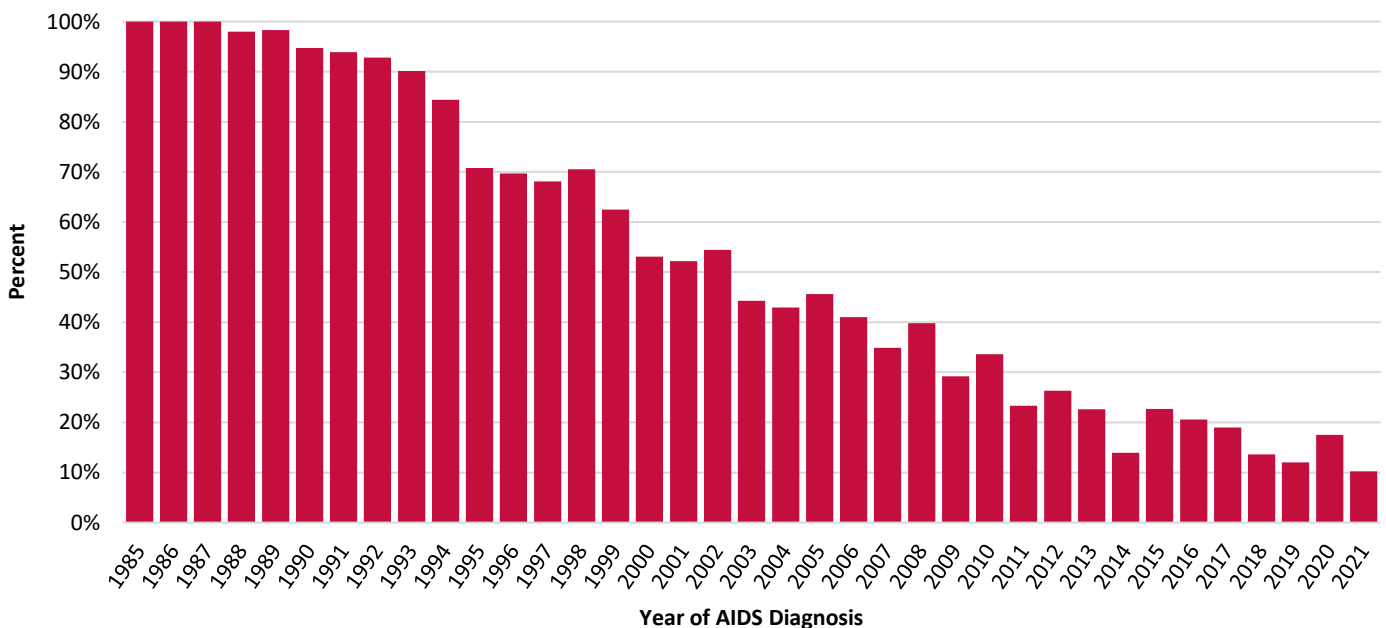| Year of HIV Diagnosis	No.	AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	43	40	93.0%	8.1	25.6%	25.6%	27.9%	58.1%
1985	71	66	93.0%	7.2	25.4%	25.4%	36.6%	71.8%
1986	76	72	94.7%	5.6	34.2%	34.2%	46.1%	82.9%
1987	91	85	93.4%	4.8	36.3%	39.6%	53.8%	82.4%
1988	129	120	93.0%	4.3	41.1%	42.6%	62.0%	83.7%
1989	142	130	91.5%	4.1	38.7%	43.0%	63.4%	83.1%
1990	182	173	95.1%	3.2	45.1%	54.4%	78.0%	87.9%
1991	209	191	91.4%	3.2	45.5%	54.1%	70.8%	81.3%
1992	205	194	94.6%	2.7	47.3%	58.0%	77.1%	89.3%
1993	160	144	90.0%	2.2	50.6%	58.8%	76.9%	86.9%
1994	153	142	92.8%	2.7	49.7%	59.5%	76.5%	88.2%
1995	154	141	91.6%	2.4	57.1%	63.6%	77.3%	86.4%
1996	153	127	83.0%	1.7	63.4%	67.3%	72.5%	79.1%
1997	168	147	87.5%	2.2	57.7%	60.1%	72.6%	83.3%
1998	146	126	86.3%	1.4	63.0%	67.8%	77.4%	85.6%
1999	157	131	83.4%	1.7	58.6%	61.1%	73.2%	80.3%
2000	150	120	80.0%	1.6	56.0%	60.7%	70.7%	78.7%
2001	168	144	85.7%	1.8	60.1%	67.3%	76.2%	81.5%
2002	226	182	80.5%	1.6	61.1%	65.5%	70.4%	77.0%
2003	188	140	74.5%	1.3	57.4%	63.3%	66.5%	71.3%
2004	170	134	78.8%	1.6	58.8%	65.3%	70.0%	74.1%
2005	172	115	66.9%	2.3	47.1%	50.0%	55.8%	61.0%
2006	208	151	72.6%	1.2	58.7%	62.0%	65.4%	70.7%
2007	183	93	50.8%	1.9	35.5%	38.3%	42.1%	48.6%
2008	184	99	53.8%	1.6	39.1%	39.7%	47.8%	52.7%
2009	189	101	53.4%	2.1	33.9%	36.5%	45.0%	51.3%
2010	214	91	42.5%	2.1	25.7%	27.6%	36.4%	41.1%
2011	176	75	42.6%	1.8	29.5%	33.5%	35.2%	41.5%
2012	162	66	40.7%	1.7	27.8%	30.2%	35.8%	40.1%
2013	133	45	33.8%	1.0	27.1%	29.3%	30.8%	--
2014	167	54	32.3%	0.8	25.7%	28.1%	32.3%	--
2015	129	46	35.7%	1.0	27.1%	29.5%	32.6%	--
2016	142	41	28.9%	0.9	23.2%	24.6%	27.5%	--
2017	117	29	24.8%	0.5	22.2%	22.2%	24.8%	--
2018	125	35	28.0%	0.6	24.0%	24.8%	--	--
2019	121	29	24.0%	0.2	22.3%	24.0%	--	--
2020	89	17	19.1%	0.1	19.1%	19.1%	--	--
2021	106	32	30.2%	0.2	28.3%	--	--	--
Total	5,758	3,868	67.2%	2.4	42.7%	46.7%	55.5%	63.4%

HIV Diagnoses among People Aged 13+

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
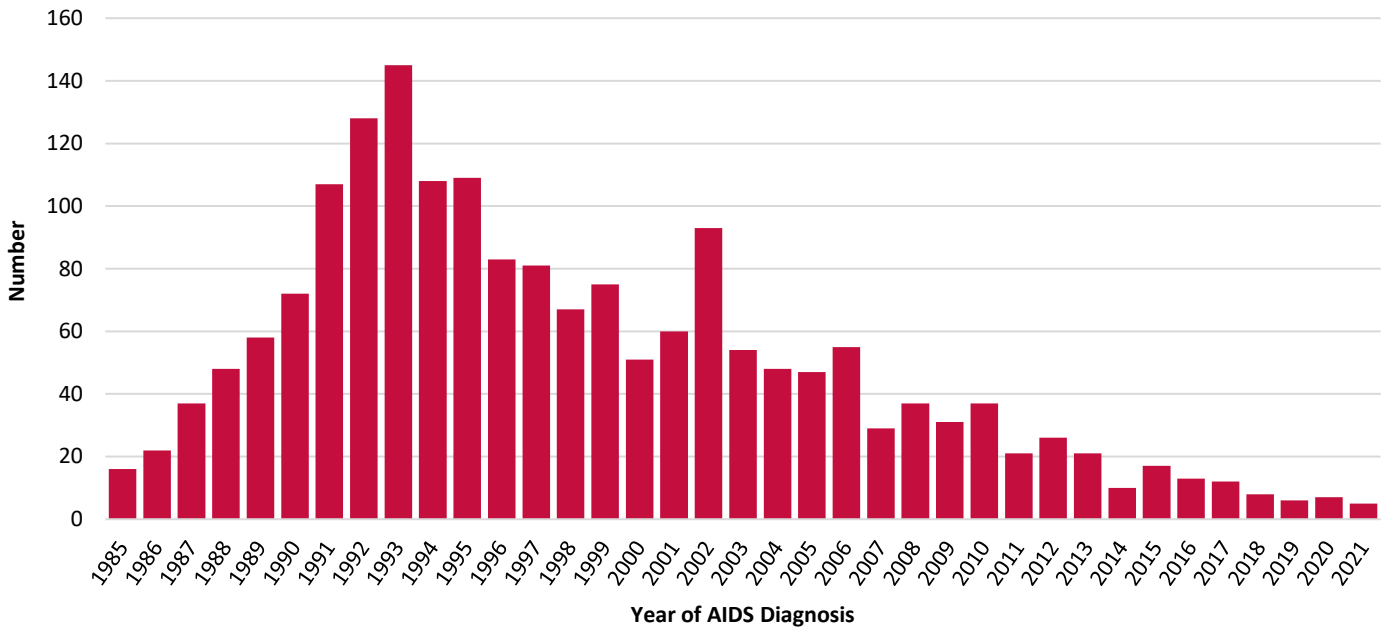
Percent Deceased by 12/31/2022

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	8	8	100.0%	3.0	50.0%	25.0%	12.5%	12.5%
1985	16	16	100.0%	0.7	31.3%	0.0%	0.0%	0.0%
1986	22	22	100.0%	2.1	54.5%	40.9%	13.6%	0.0%
1987	37	37	100.0%	3.1	73.0%	43.2%	10.8%	8.1%
1988	49	48	98.0%	2.4	57.1%	40.8%	14.3%	4.1%
1989	59	58	98.3%	3.0	64.4%	40.7%	16.9%	6.8%
1990	76	72	94.7%	2.7	73.7%	53.9%	19.7%	9.2%
1991	114	107	93.9%	2.9	67.5%	48.2%	15.8%	12.3%
1992	138	128	92.8%	3.1	73.9%	49.3%	15.9%	12.3%
1993	161	145	90.1%	3.4	79.5%	49.7%	26.7%	16.8%
1994	128	108	84.4%	4.1	75.0%	57.8%	40.6%	25.8%
1995	154	109	70.8%	6.5	79.2%	68.2%	59.1%	48.7%
1996	119	83	69.7%	6.8	84.0%	78.2%	60.5%	48.7%
1997	119	81	68.1%	6.6	82.4%	77.3%	61.3%	47.1%
1998	95	67	70.5%	8.4	88.4%	80.0%	69.5%	53.7%
1999	120	75	62.5%	7.1	90.8%	83.3%	73.3%	51.7%
2000	96	51	53.1%	6.2	87.5%	82.3%	64.6%	59.4%
2001	115	60	52.2%	7.0	92.2%	81.7%	69.6%	64.3%
2002	171	93	54.4%	8.3	93.0%	91.2%	78.9%	67.3%
2003	122	54	44.3%	4.7	85.2%	81.1%	72.1%	63.9%
2004	112	48	42.9%	6.5	92.0%	90.2%	78.6%	70.5%
2005	103	47	45.6%	5.3	88.3%	83.5%	73.8%	66.0%
2006	134	55	41.0%	5.1	86.6%	83.6%	76.9%	65.7%
2007	83	29	34.9%	5.6	88.0%	84.3%	81.9%	74.7%
2008	93	37	39.8%	4.9	89.2%	84.9%	77.4%	67.7%
2009	106	31	29.2%	5.1	93.4%	91.5%	84.0%	74.5%
2010	110	37	33.6%	4.6	91.8%	90.0%	81.8%	71.8%
2011	90	21	23.3%	5.3	98.9%	96.7%	86.7%	80.0%
2012	99	26	26.3%	3.4	93.9%	89.9%	80.8%	73.7%
2013	93	21	22.6%	3.6	93.5%	88.2%	84.9%	--
2014	72	10	13.9%	3.2	98.6%	91.7%	90.3%	--
2015	75	17	22.7%	3.4	96.0%	93.3%	84.0%	--
2016	63	13	20.6%	1.4	87.3%	85.7%	79.4%	--
2017	63	12	19.0%	2.0	93.7%	92.1%	82.5%	--
2018	59	8	13.6%	0.9	89.8%	89.8%	--	--
2019	50	6	12.0%	1.6	96.0%	94.0%	--	--
2020	40	7	17.5%	0.6	87.5%	82.5%	--	--
2021*	49	5	10.2%	0.2	89.8%	--	--	--
Total	3,413	1,852	54.3%	4.8	85.3%	76.5%	63.1%	54.6%

*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
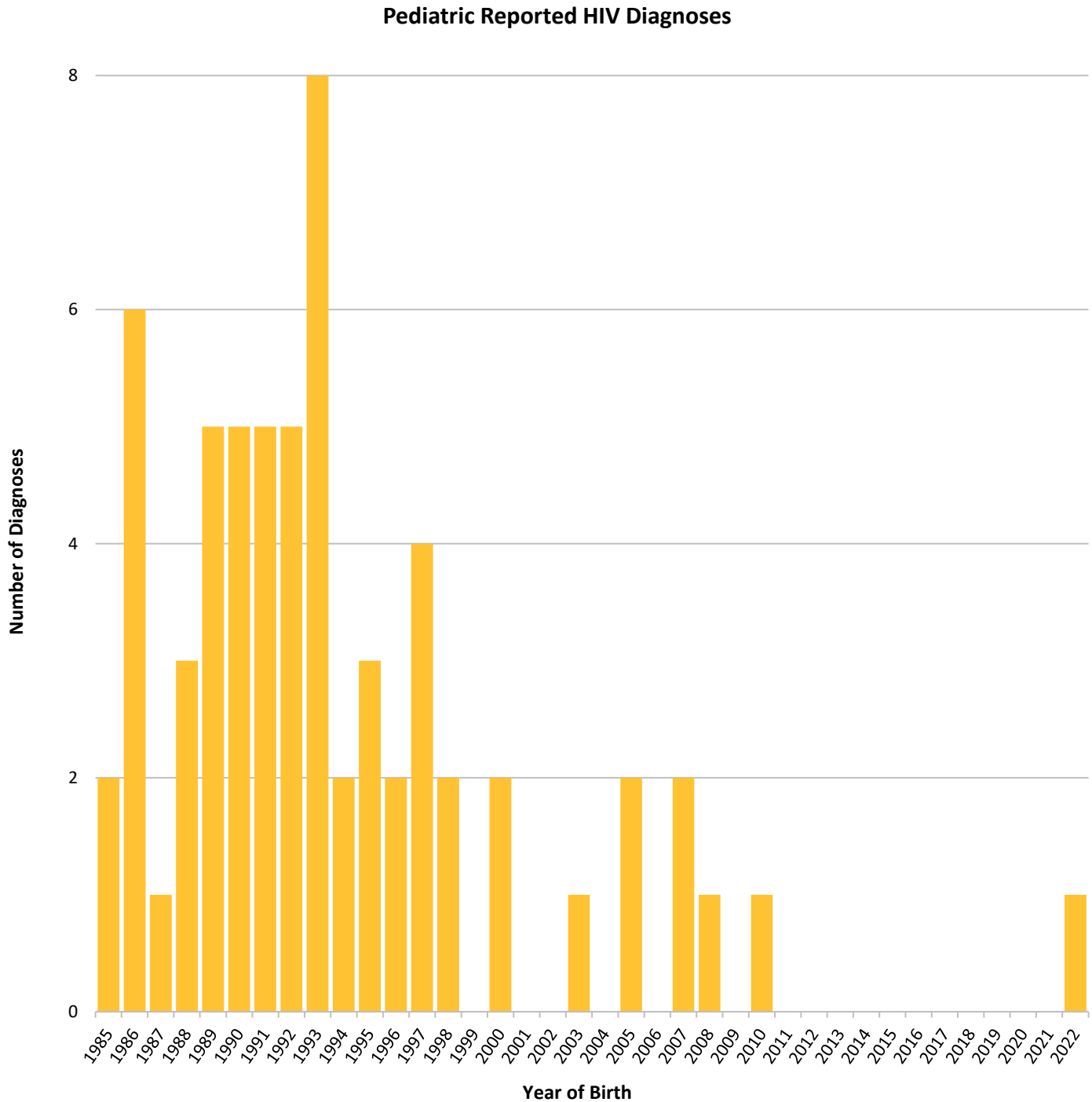
Year	Number of Pediatric HIV Diagnoses				Total Pediatric Diagnoses Alive on December 31st of Each Year
	By Birth Year	By HIV Diagnosis Year	By AIDS Diagnosis Year	By Death Year	
<1985	3	1	1	0	--
1985	2	0	0	0	0
1986	6	0	0	0	0
1987	1	3	2	0	1
1988	3	0	0	1	1
1989	5	4	3	2	2
1990	5	5	2	1	6
1991	5	5	2	0	10
1992	5	12	3	0	21
1993	8	3	1	1	23
1994	2	7	4	2	28
1995	3	2	2	1	28
1996	2	2	1	0	31
1997	4	1	0	0	33
1998	2	0	2	0	31
1999	0	0	0	0	31
2000	2	2	0	0	33
2001	0	1	0	0	35
2002	0	0	0	0	35
2003	1	0	1	0	34
2004	0	1	0	0	35
2005	2	1	0	0	36
2006	0	2	1	1	37
2007	2	6	1	0	43
2008	1	2	1	0	44
2009	0	3	3	2	44
2010	1	0	3	1	43
2011	0	1	1	2	45
2012	0	0	1	0	46
2013	0	1	1	1	49
2014	0	0	1	0	48
2015	0	0	0	0	48
2016	0	0	0	0	49
2017	0	0	2	0	49
2018	0	0	2	0	49
2019	0	0	0	0	50
2020	0	0	0	0	50
2021	0	0	0	1	50
2022	1	1	0	0	50
Total	66	66	41	16	--

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

ZIP Code of Current Residence	Total People Aged <13 Living with Diagnosed HIV	
	No.	% of Total
21133	1	33.3%
21208	1	33.3%
21221	1	33.3%
Total	3	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	66.7%
Male	1	33.3%
Race/Ethnicity		
Hispanic	0	0.0%
Non-Hispanic	3	100.0%
American Indian/Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	2	66.7%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	1	33.3%
Multiracial/Another Race	0	0.0%
Total	3	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.