

2022

WASHINGTON METROPOLITAN REGION ANNUAL HIV EPIDEMIOLOGICAL PROFILE

Data reported through
June 30, 2023

CENTER FOR HIV
SURVEILLANCE,
EPIDEMIOLOGY AND
EVALUATION

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



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

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Section I – Summary of Analyses and Technical Notes

Highlights of Analyses

CHSEE in MDH is responsible for the collection, analysis, and dissemination of HIV surveillance data for the state of Maryland. The annual epidemiological profiles, fact sheets, maps and other reports are provided to summarize information about the HIV epidemic in Maryland. All rates presented below are per 100,000 population.

HIV Diagnoses

During 2022, there were 402 reported HIV diagnoses in the Washington Metropolitan Region. The Washington Metropolitan Region includes Calvert County, Charles County, Frederick County, Montgomery County, and Prince George’s County. Data presented below describe HIV diagnoses in the Washington Metropolitan Region, among people ages 13 years and older, during 2022.

- Geographic distribution: Prince George’s County accounted for the highest number (258, 64.2%) and the highest rate (32.3) of HIV diagnoses.
- Age: People aged 25-34 years accounted for the highest number (142, 35.3%) of HIV diagnoses and the highest rate (44.0).
- Assigned Sex at Birth: Males accounted for the highest number (300, 74.6%) of HIV diagnoses. The rate among males was 28.9 and 9.2 among females.
- Race/Ethnicity: Non-Hispanic Black people accounted for the highest number (281, 69.9%) and the highest rate (35.9).
- Exposure Category: Male-to-male sexual contact accounted for the highest number (215, 53.4%) of diagnoses.

People Living with Diagnosed HIV

At the end of 2022, there were 13,077 people living with diagnosed HIV in the Washington Metropolitan Region. Data presented below describe people living with diagnosed HIV, aged 13 years and older, in the Washington Metropolitan Region.

- Geographic distribution: Prince George’s County accounted for the highest number (8,045, 61.5%) of people living with diagnosed HIV and the highest rate (1,007.30).
- Age: People aged 50-59 accounted for the highest number (3,545, 27.1%) of people living with diagnosed HIV and the highest rate (1,005.1).
- Assigned Sex at Birth: Males accounted for the highest number (8,602, 65.8%) of people living with diagnosed HIV. The rate among males was 829.6 and 402.9 among females.
- Race/Ethnicity: Non-Hispanic Black people accounted for the highest number (9,862, 75.4%) of the people living with diagnosed HIV and the highest rate (1,261.6).
- Exposure Category: Male-to-male sexual contact accounted for the highest number (5,910, 45.2%) of the total people living with diagnosed HIV.

Engagement in HIV Care

- HIV diagnosed: Among people living with HIV in the Washington Metropolitan Region, it is estimated that 88.9 percent have been diagnosed and an estimated 1,633 people with HIV remain undiagnosed.
- Linked to care: During 2022, 86.1 percent of reported HIV diagnoses were linked to HIV care within one month of their HIV diagnosis.
- Retained in care: Among people living with HIV, 68.3 percent were retained in care during 2022.
- Viral suppression: In 2022, 53.5 percent of people living with HIV achieved viral suppression.

Technical Notes

HIV Reporting

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

Report Changes

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

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

Data Specifications

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

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

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

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

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

COVID-19 and HIV Surveillance Data

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

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

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

Undiagnosed HIV

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

AIDS Diagnoses

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

Mortality

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

Engagement in HIV Care

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

Viral Suppression

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

Geographic Distribution

Residence at diagnosis is used exclusively to describe new diagnoses. Estimates of people living with diagnosed HIV use current residence. Current residence estimates are restricted to people for which there is a case report

form or laboratory test reported since January 1, 2013. Restricting address data to recent years presents the most accurate data available and helps to account for people that may have moved out of state whose data would no longer be reported in Maryland. However, current residence data excludes people that may still be residents of Maryland but have not received any HIV care in the last 10 years. In addition, residence is dynamic and people living with diagnosed HIV may have resided at multiple addresses that cannot all be represented in single time point estimates. Current residence assignments are constantly updated as new information becomes available and represent the best information available at the time of the estimate.

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

Residents of Correctional Facilities

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

Gender Identity

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

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

Race/Ethnicity

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

Country of Birth

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

HIV Exposure Categories

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

Sources of Data

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

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

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

Tabulation of Column Totals

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

Data Suppression

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

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

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

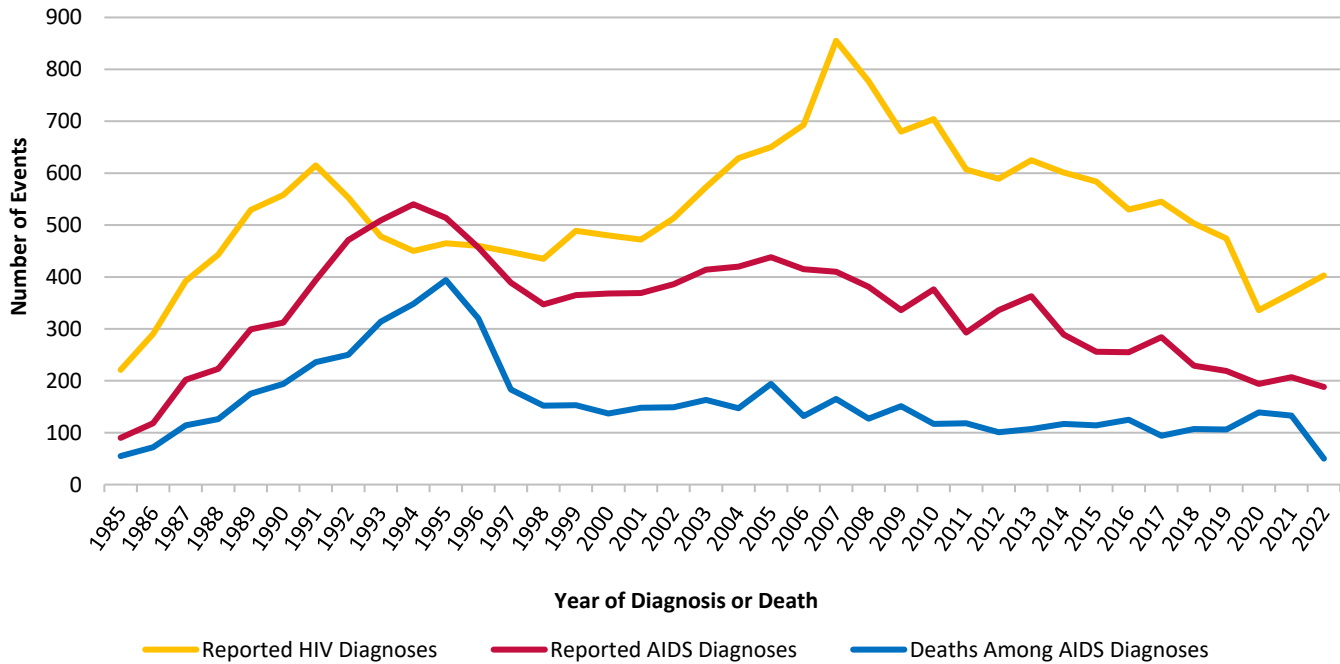
Multiple Imputation

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

Section II – Trends 1985-2022

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

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

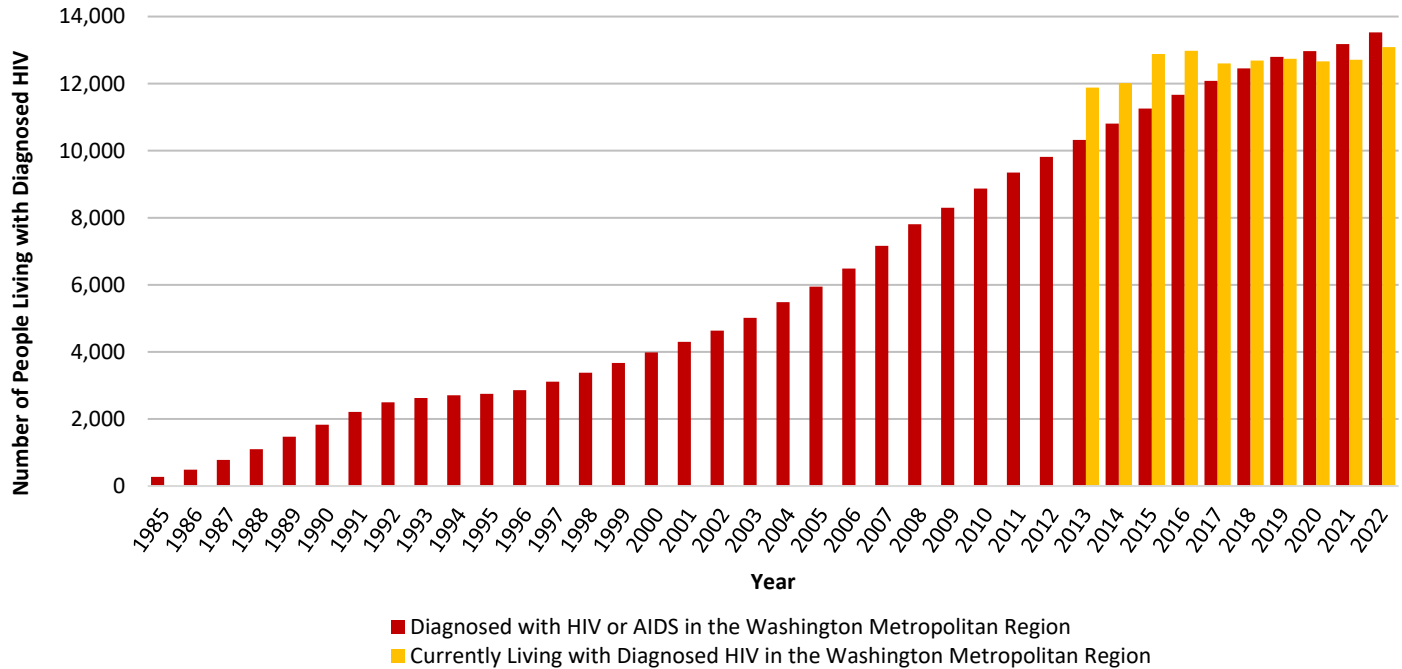


Year of Diagnosis or Death	HIV Diagnoses	AIDS Diagnoses	Deaths Among AIDS Diagnoses	Year of Diagnosis or Death	HIV Diagnoses	AIDS Diagnoses	Deaths Among AIDS Diagnoses
<1985	127	62	29	2004	629	420	147
1985	221	90	55	2005	650	438	194
1986	290	118	72	2006	693	415	132
1987	392	202	114	2007	855	410	165
1988	443	223	126	2008	777	381	127
1989	529	299	175	2009	680	336	151
1990	558	312	194	2010	704	376	117
1991	615	394	236	2011	607	293	118
1992	553	471	250	2012	589	336	101
1993	478	509	314	2013	625	363	107
1994	450	540	348	2014	601	289	117
1995	465	514	394	2015	584	256	114
1996	460	457	320	2016	530	255	125
1997	448	389	183	2017	545	284	94
1998	435	347	152	2018	503	229	107
1999	489	365	153	2019	474	219	106
2000	480	368	137	2020	336	194	139
2001	472	369	148	2021*	369	207	133
2002	513	386	149	2022*	403	188	50
2003	573	414	163	Total	20,145	12,718	6,056

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

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

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

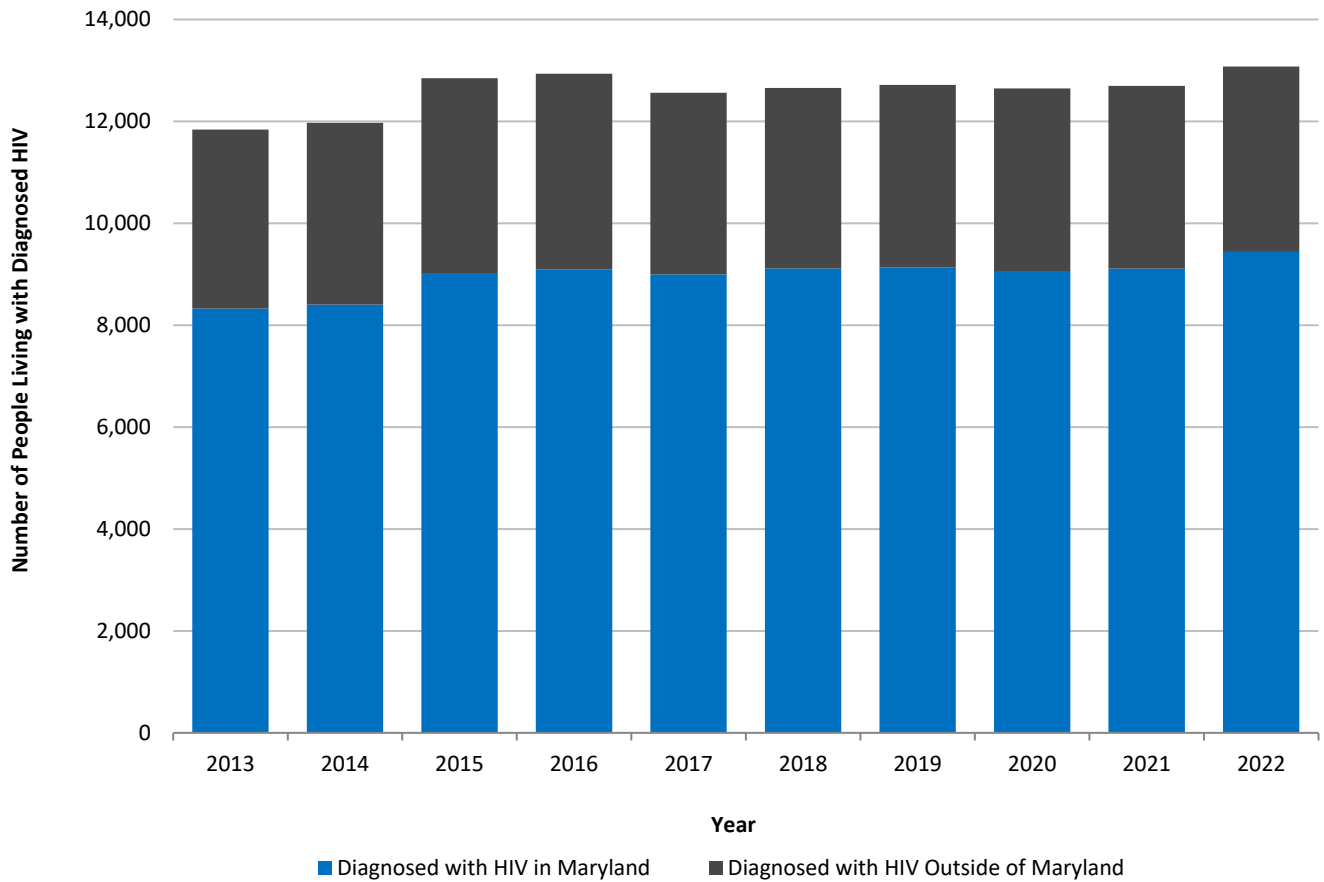


People Living with Diagnosed HIV			People Living with Diagnosed HIV		
Year	Diagnosed with HIV or AIDS in the Washington Metropolitan Region	Current Residents	Year	Diagnosed with HIV or AIDS in the Washington Metropolitan Region	Current Residents
1985	271	--	2004	5,483	--
1986	490	--	2005	5,946	--
1987	779	--	2006	6,484	--
1988	1,099	--	2007	7,165	--
1989	1,469	--	2008	7,806	--
1990	1,830	--	2009	8,296	--
1991	2,209	--	2010	8,871	--
1992	2,495	--	2011	9,348	--
1993	2,624	--	2012	9,814	--
1994	2,708	--	2013	10,319	11,881
1995	2,749	--	2014	10,808	12,014
1996	2,858	--	2015	11,258	12,885
1997	3,113	--	2016	11,667	12,979
1998	3,380	--	2017	12,084	12,601
1999	3,670	--	2018	12,452	12,689
2000	3,986	--	2019	12,797	12,740
2001	4,298	--	2020	12,968	12,664
2002	4,635	--	2021	13,177	12,710
2003	5,016	--	2022	13,527	13,088

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

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

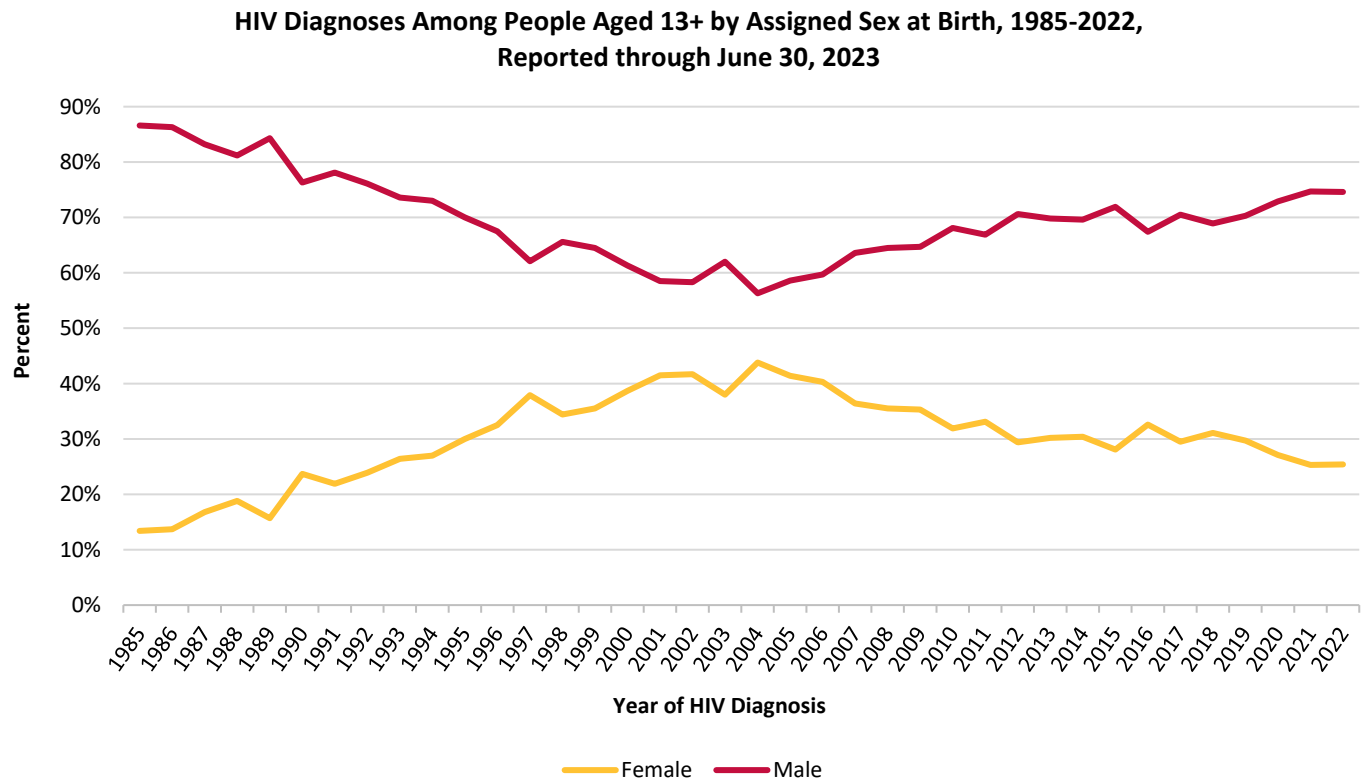
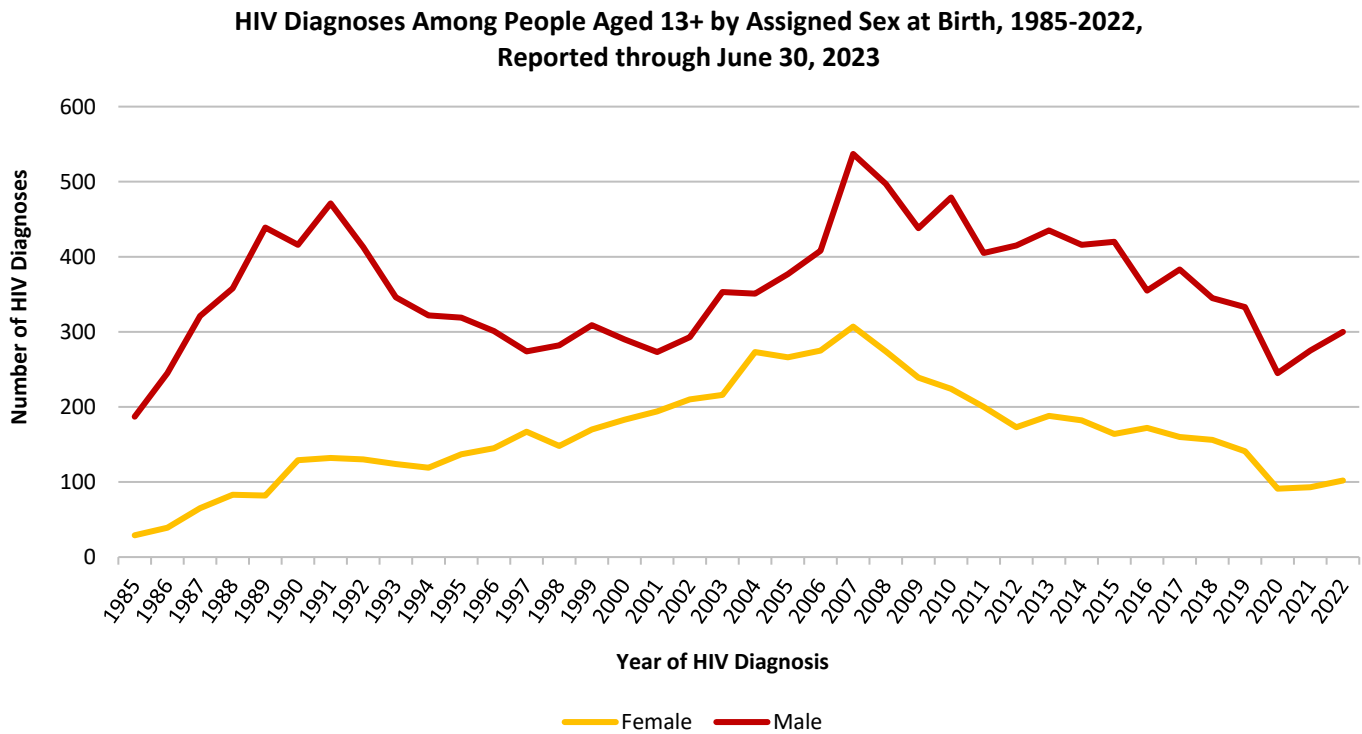
People Living with Diagnosed HIV in the Washington Metropolitan Region and Not Reported to have Died as of December 31st of Each Year from 2013 through 2022, as Reported through June 30, 2023



Year	Population Aged 13+	Washington Metropolitan Region Residents Aged 13+ as of December 31st of the Specified Year			
		Diagnosed with HIV in Maryland	Diagnosed with HIV Outside of Maryland	Total	Rate
2013	1,988,502	8,325	3,515	11,840	595.4
2014	2,007,310	8,404	3,568	11,972	596.4
2015	2,024,455	9,007	3,842	12,849	634.7
2016	2,036,826	9,092	3,845	12,937	635.2
2017	2,052,184	8,998	3,563	12,561	612.1
2018	2,062,029	9,116	3,542	12,658	613.9
2019	2,072,314	9,138	3,579	12,717	613.7
2020	2,143,599	9,066	3,582	12,648	590.0
2021	2,147,730	9,110	3,589	12,699	591.3
2022	2,147,578	9,439	3,638	13,077	608.9

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

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



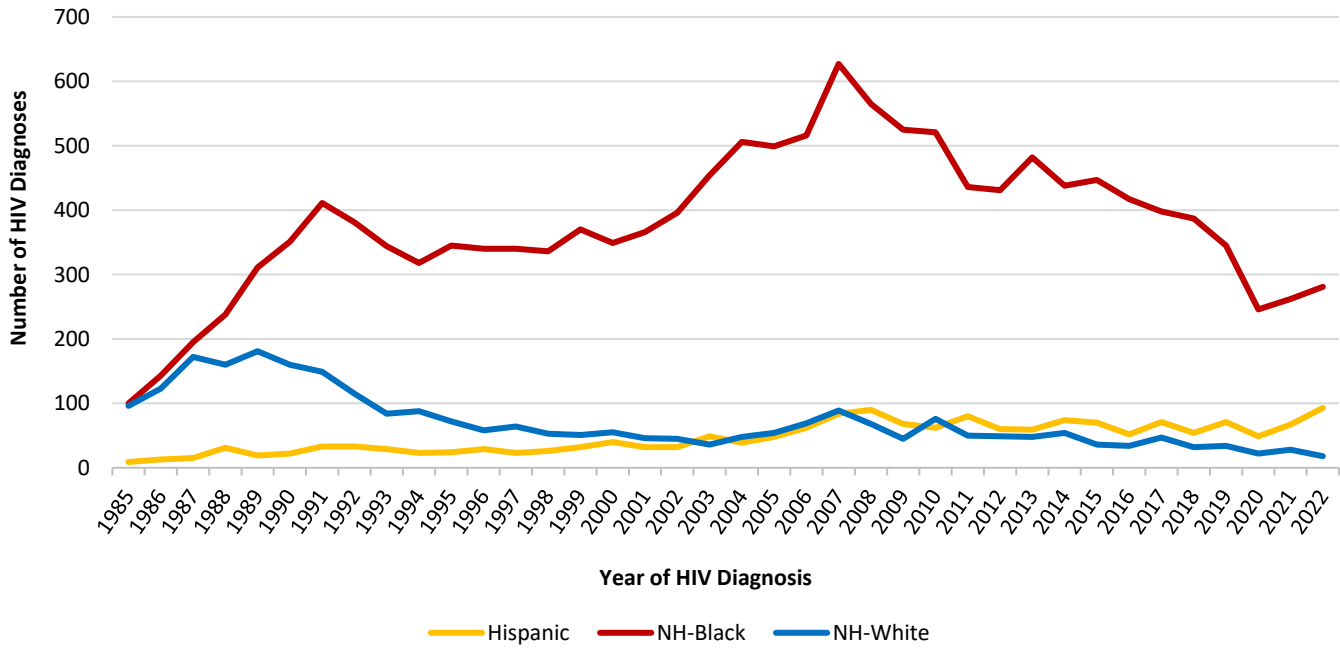
HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	Number	Assigned Sex at Birth			
		Female		Male	
		Number	Percent	Number	Percent
<1985	124	11	8.9%	113	91.1%
1985	216	29	13.4%	187	86.6%
1986	284	39	13.7%	245	86.3%
1987	386	65	16.8%	321	83.2%
1988	441	83	18.8%	358	81.2%
1989	521	82	15.7%	439	84.3%
1990	545	129	23.7%	416	76.3%
1991	603	132	21.9%	471	78.1%
1992	543	130	23.9%	413	76.1%
1993	470	124	26.4%	346	73.6%
1994	441	119	27.0%	322	73.0%
1995	456	137	30.0%	319	70.0%
1996	446	145	32.5%	301	67.5%
1997	441	167	37.9%	274	62.1%
1998	430	148	34.4%	282	65.6%
1999	479	170	35.5%	309	64.5%
2000	473	183	38.7%	290	61.3%
2001	467	194	41.5%	273	58.5%
2002	503	210	41.7%	293	58.3%
2003	569	216	38.0%	353	62.0%
2004	624	273	43.8%	351	56.3%
2005	643	266	41.4%	377	58.6%
2006	683	275	40.3%	408	59.7%
2007	844	307	36.4%	537	63.6%
2008	771	274	35.5%	497	64.5%
2009	677	239	35.3%	438	64.7%
2010	703	224	31.9%	479	68.1%
2011	605	200	33.1%	405	66.9%
2012	588	173	29.4%	415	70.6%
2013	623	188	30.2%	435	69.8%
2014	598	182	30.4%	416	69.6%
2015	584	164	28.1%	420	71.9%
2016	527	172	32.6%	355	67.4%
2017	543	160	29.5%	383	70.5%
2018	501	156	31.1%	345	68.9%
2019	474	141	29.7%	333	70.3%
2020	336	91	27.1%	245	72.9%
2021	368	93	25.3%	275	74.7%
2022	402	102	25.4%	300	74.6%
Total	19,932	6,193	31.1%	13,739	68.9%

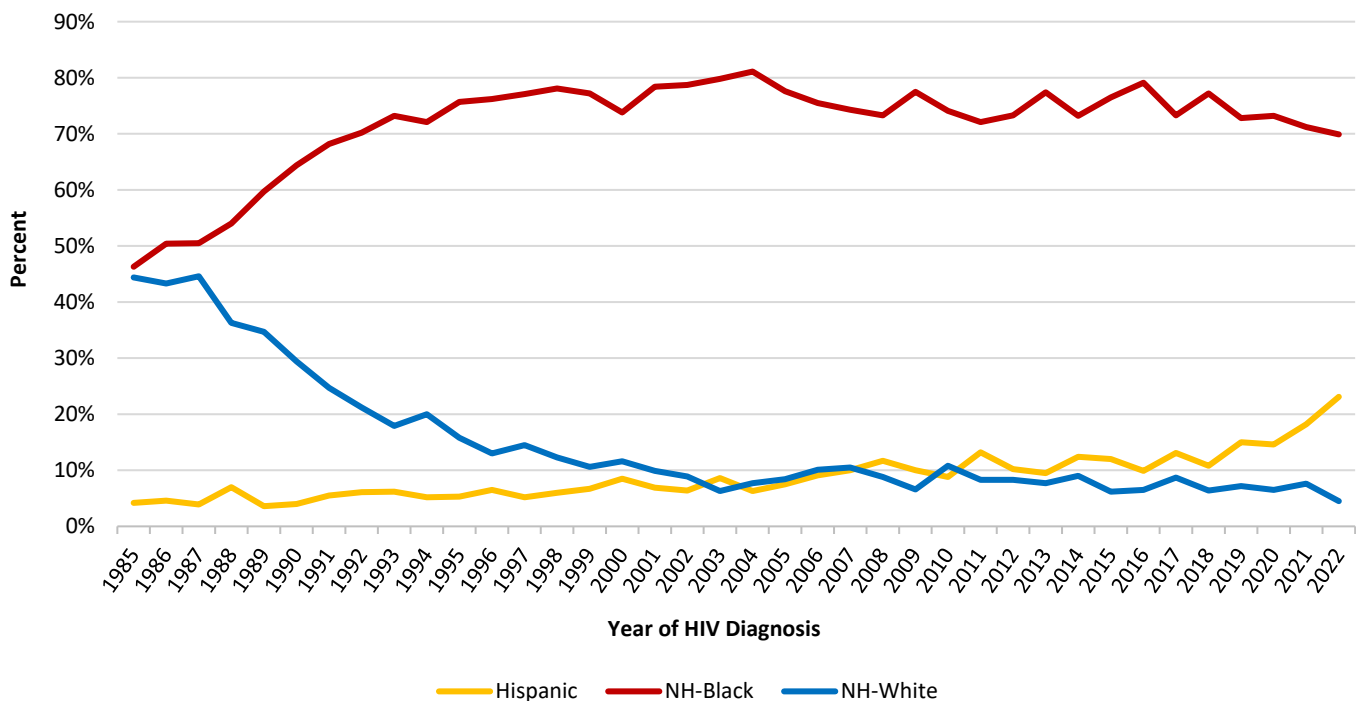
Figure 5 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Race/Ethnicity, 1985-2022, Reported through June 30, 2023

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

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



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



NH: Non-Hispanic

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

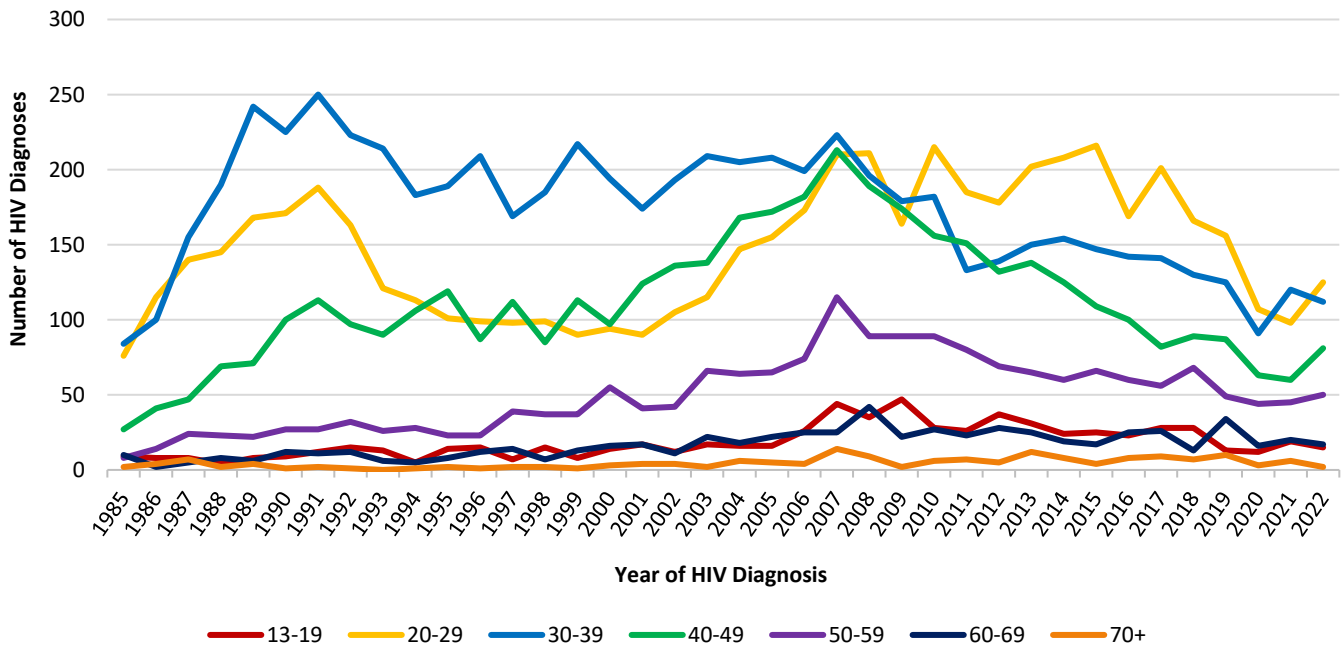
HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	No.	Race/Ethnicity							
		Hispanic		Non-Hispanic Black, only		Non-Hispanic White, only		Non-Hispanic Another Race	
		No.	%	No.	%	No.	%	No.	%
<1985	124	4	3.2%	72	58.1%	43	34.7%	5	4.0%
1985	216	9	4.2%	100	46.3%	96	44.4%	11	5.1%
1986	284	13	4.6%	143	50.4%	123	43.3%	5	1.8%
1987	386	15	3.9%	195	50.5%	172	44.6%	4	1.0%
1988	441	31	7.0%	238	54.0%	160	36.3%	12	2.7%
1989	521	19	3.6%	311	59.7%	181	34.7%	10	1.9%
1990	545	22	4.0%	351	64.4%	160	29.4%	12	2.2%
1991	603	33	5.5%	411	68.2%	149	24.7%	10	1.7%
1992	543	33	6.1%	381	70.2%	115	21.2%	14	2.6%
1993	470	29	6.2%	344	73.2%	84	17.9%	13	2.8%
1994	441	23	5.2%	318	72.1%	88	20.0%	12	2.7%
1995	456	24	5.3%	345	75.7%	72	15.8%	15	3.3%
1996	446	29	6.5%	340	76.2%	58	13.0%	19	4.3%
1997	441	23	5.2%	340	77.1%	64	14.5%	14	3.2%
1998	430	26	6.0%	336	78.1%	53	12.3%	15	3.5%
1999	479	32	6.7%	370	77.2%	51	10.6%	26	5.4%
2000	473	40	8.5%	349	73.8%	55	11.6%	29	6.1%
2001	467	32	6.9%	366	78.4%	46	9.9%	23	4.9%
2002	503	32	6.4%	396	78.7%	45	8.9%	30	6.0%
2003	569	49	8.6%	454	79.8%	36	6.3%	30	5.3%
2004	624	39	6.3%	506	81.1%	48	7.7%	31	5.0%
2005	643	48	7.5%	499	77.6%	54	8.4%	42	6.5%
2006	683	62	9.1%	516	75.5%	69	10.1%	36	5.3%
2007	844	84	10.0%	627	74.3%	89	10.5%	44	5.2%
2008	771	90	11.7%	565	73.3%	68	8.8%	48	6.2%
2009	677	68	10.0%	525	77.5%	45	6.6%	39	5.8%
2010	703	62	8.8%	521	74.1%	76	10.8%	44	6.3%
2011	605	80	13.2%	436	72.1%	50	8.3%	39	6.4%
2012	588	60	10.2%	431	73.3%	49	8.3%	48	8.2%
2013	623	59	9.5%	482	77.4%	48	7.7%	34	5.5%
2014	598	74	12.4%	438	73.2%	54	9.0%	32	5.4%
2015	584	70	12.0%	447	76.5%	36	6.2%	31	5.3%
2016	527	52	9.9%	417	79.1%	34	6.5%	24	4.6%
2017	543	71	13.1%	398	73.3%	47	8.7%	27	5.0%
2018	501	54	10.8%	387	77.2%	32	6.4%	28	5.6%
2019	474	71	15.0%	345	72.8%	34	7.2%	24	5.1%
2020	336	49	14.6%	246	73.2%	22	6.5%	19	5.7%
2021	368	67	18.2%	262	71.2%	28	7.6%	11	3.0%
2022	402	93	23.1%	281	69.9%	18	4.5%	10	2.5%
Total	19,932	1,771	8.9%	14,489	72.7%	2,752	13.8%	920	4.6%

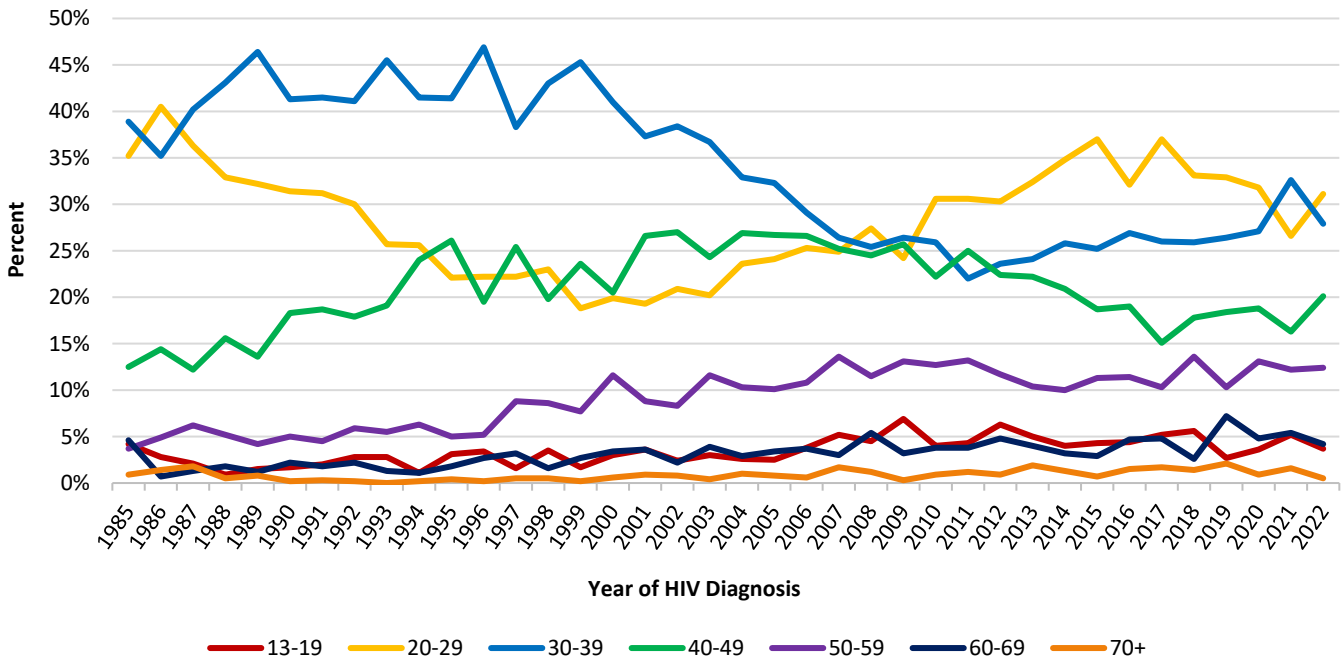
Figure 6 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Age at HIV Diagnosis, 1985-2022, Reported through June 30, 2023

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

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



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



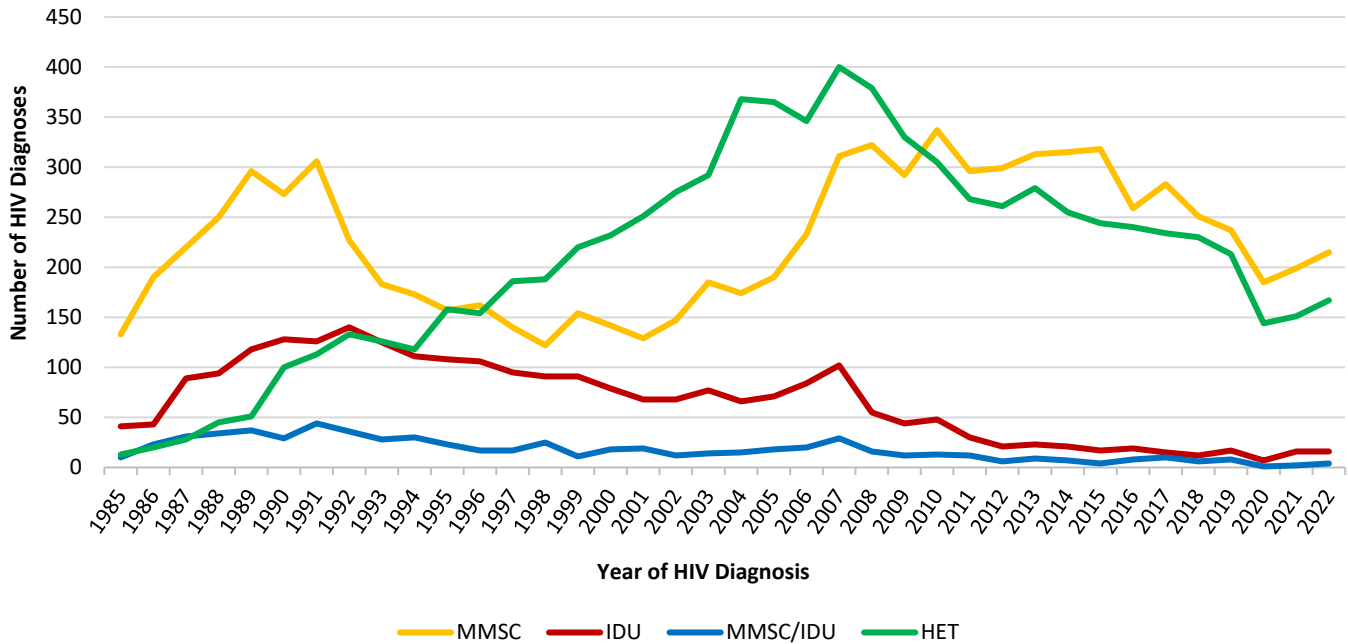
HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	No.	Age at HIV Diagnosis													
		13-19		20-29		30-39		40-49		50-59		60-69		70+	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<1985	124	14	11.3%	45	36.3%	37	29.8%	21	16.9%	4	3.2%	2	1.6%	1	0.8%
1985	216	9	4.2%	76	35.2%	84	38.9%	27	12.5%	8	3.7%	10	4.6%	2	0.9%
1986	284	8	2.8%	115	40.5%	100	35.2%	41	14.4%	14	4.9%	2	0.7%	4	1.4%
1987	386	8	2.1%	140	36.3%	155	40.2%	47	12.2%	24	6.2%	5	1.3%	7	1.8%
1988	441	4	0.9%	145	32.9%	190	43.1%	69	15.6%	23	5.2%	8	1.8%	2	0.5%
1989	521	8	1.5%	168	32.2%	242	46.4%	71	13.6%	22	4.2%	6	1.2%	4	0.8%
1990	545	9	1.7%	171	31.4%	225	41.3%	100	18.3%	27	5.0%	12	2.2%	1	0.2%
1991	603	12	2.0%	188	31.2%	250	41.5%	113	18.7%	27	4.5%	11	1.8%	2	0.3%
1992	543	15	2.8%	163	30.0%	223	41.1%	97	17.9%	32	5.9%	12	2.2%	1	0.2%
1993	470	13	2.8%	121	25.7%	214	45.5%	90	19.1%	26	5.5%	6	1.3%	0	0.0%
1994	441	5	1.1%	113	25.6%	183	41.5%	106	24.0%	28	6.3%	5	1.1%	1	0.2%
1995	456	14	3.1%	101	22.1%	189	41.4%	119	26.1%	23	5.0%	8	1.8%	2	0.4%
1996	446	15	3.4%	99	22.2%	209	46.9%	87	19.5%	23	5.2%	12	2.7%	1	0.2%
1997	441	7	1.6%	98	22.2%	169	38.3%	112	25.4%	39	8.8%	14	3.2%	2	0.5%
1998	430	15	3.5%	99	23.0%	185	43.0%	85	19.8%	37	8.6%	7	1.6%	2	0.5%
1999	479	8	1.7%	90	18.8%	217	45.3%	113	23.6%	37	7.7%	13	2.7%	1	0.2%
2000	473	14	3.0%	94	19.9%	194	41.0%	97	20.5%	55	11.6%	16	3.4%	3	0.6%
2001	467	17	3.6%	90	19.3%	174	37.3%	124	26.6%	41	8.8%	17	3.6%	4	0.9%
2002	503	12	2.4%	105	20.9%	193	38.4%	136	27.0%	42	8.3%	11	2.2%	4	0.8%
2003	569	17	3.0%	115	20.2%	209	36.7%	138	24.3%	66	11.6%	22	3.9%	2	0.4%
2004	624	16	2.6%	147	23.6%	205	32.9%	168	26.9%	64	10.3%	18	2.9%	6	1.0%
2005	643	16	2.5%	155	24.1%	208	32.3%	172	26.7%	65	10.1%	22	3.4%	5	0.8%
2006	683	26	3.8%	173	25.3%	199	29.1%	182	26.6%	74	10.8%	25	3.7%	4	0.6%
2007	844	44	5.2%	210	24.9%	223	26.4%	213	25.2%	115	13.6%	25	3.0%	14	1.7%
2008	771	35	4.5%	211	27.4%	196	25.4%	189	24.5%	89	11.5%	42	5.4%	9	1.2%
2009	677	47	6.9%	164	24.2%	179	26.4%	174	25.7%	89	13.1%	22	3.2%	2	0.3%
2010	703	28	4.0%	215	30.6%	182	25.9%	156	22.2%	89	12.7%	27	3.8%	6	0.9%
2011	605	26	4.3%	185	30.6%	133	22.0%	151	25.0%	80	13.2%	23	3.8%	7	1.2%
2012	588	37	6.3%	178	30.3%	139	23.6%	132	22.4%	69	11.7%	28	4.8%	5	0.9%
2013	623	31	5.0%	202	32.4%	150	24.1%	138	22.2%	65	10.4%	25	4.0%	12	1.9%
2014	598	24	4.0%	208	34.8%	154	25.8%	125	20.9%	60	10.0%	19	3.2%	8	1.3%
2015	584	25	4.3%	216	37.0%	147	25.2%	109	18.7%	66	11.3%	17	2.9%	4	0.7%
2016	527	23	4.4%	169	32.1%	142	26.9%	100	19.0%	60	11.4%	25	4.7%	8	1.5%
2017	543	28	5.2%	201	37.0%	141	26.0%	82	15.1%	56	10.3%	26	4.8%	9	1.7%
2018	501	28	5.6%	166	33.1%	130	25.9%	89	17.8%	68	13.6%	13	2.6%	7	1.4%
2019	474	13	2.7%	156	32.9%	125	26.4%	87	18.4%	49	10.3%	34	7.2%	10	2.1%
2020	336	12	3.6%	107	31.8%	91	27.1%	63	18.8%	44	13.1%	16	4.8%	3	0.9%
2021	368	19	5.2%	98	26.6%	120	32.6%	60	16.3%	45	12.2%	20	5.4%	6	1.6%
2022	402	15	3.7%	125	31.1%	112	27.9%	81	20.1%	50	12.4%	17	4.2%	2	0.5%
Total	19,932	717	3.6%	5,622	28.2%	6,618	33.2%	4,264	21.4%	1,895	9.5%	643	3.2%	173	0.9%

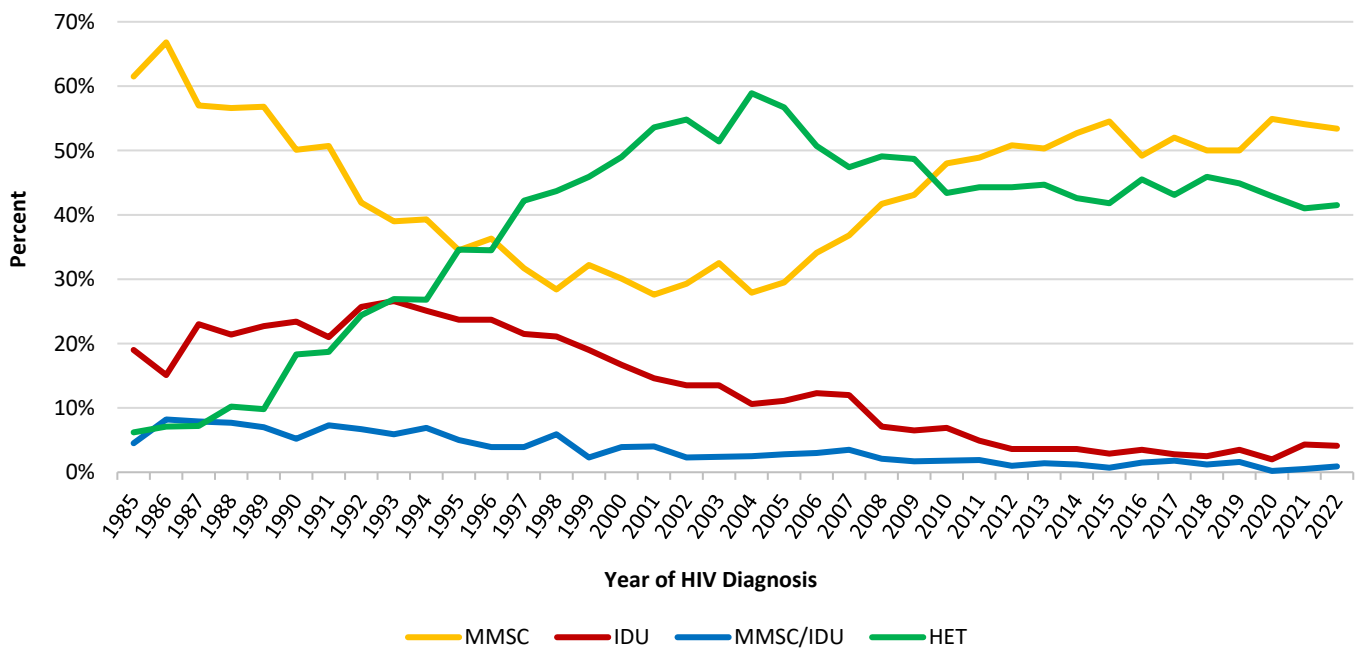
Figure 7 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Estimated Exposure Category, 1985-2022, Reported through June 30, 2023

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

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



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



Other exposure category not shown.

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

HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	No.	% with No Reported Exposure [‡]	Estimated Exposure Category [§]									
			MMSC		IDU		MMSC/IDU		HET		Other Exposure	
			No.	%	No.	%	No.	%	No.	%	No.	%
<1985	124	8.9%	85	68.2%	17	13.7%	10	8.1%	8	6.8%	4	3.2%
1985	216	6.9%	133	61.5%	41	19.0%	10	4.5%	13	6.2%	19	8.8%
1986	284	3.9%	190	66.8%	43	15.1%	23	8.2%	20	7.1%	8	2.8%
1987	386	3.6%	220	57.0%	89	23.0%	31	7.9%	28	7.2%	19	4.9%
1988	441	5.7%	250	56.6%	94	21.4%	34	7.7%	45	10.2%	18	4.1%
1989	521	7.1%	296	56.8%	118	22.7%	37	7.0%	51	9.8%	19	3.6%
1990	545	4.8%	273	50.1%	128	23.4%	29	5.2%	100	18.3%	16	2.9%
1991	603	7.3%	306	50.7%	126	21.0%	44	7.3%	113	18.7%	14	2.3%
1992	543	10.9%	227	41.9%	140	25.7%	36	6.7%	133	24.4%	7	1.3%
1993	470	8.9%	183	39.0%	125	26.6%	28	5.9%	126	26.9%	8	1.7%
1994	441	8.8%	173	39.3%	111	25.1%	30	6.9%	118	26.8%	9	2.0%
1995	456	11.8%	157	34.5%	108	23.7%	23	5.0%	158	34.6%	10	2.2%
1996	446	14.8%	162	36.3%	106	23.7%	17	3.9%	154	34.5%	7	1.6%
1997	441	14.5%	140	31.7%	95	21.5%	17	3.9%	186	42.2%	3	0.7%
1998	430	17.7%	122	28.4%	91	21.1%	25	5.9%	188	43.7%	4	0.9%
1999	479	15.4%	154	32.2%	91	19.0%	11	2.3%	220	45.9%	3	0.6%
2000	473	17.5%	142	30.1%	79	16.7%	18	3.9%	232	49.0%	2	0.4%
2001	467	16.3%	129	27.6%	68	14.6%	19	4.0%	251	53.6%	1	0.2%
2002	503	13.5%	147	29.3%	68	13.5%	12	2.3%	275	54.8%	1	0.2%
2003	569	13.2%	185	32.5%	77	13.5%	14	2.4%	292	51.4%	1	0.2%
2004	624	19.4%	174	27.9%	66	10.6%	15	2.5%	368	58.9%	0	0.0%
2005	643	21.2%	190	29.5%	71	11.1%	18	2.8%	365	56.7%	0	0.0%
2006	683	27.2%	233	34.1%	84	12.3%	20	3.0%	346	50.7%	0	0.0%
2007	844	29.7%	311	36.8%	102	12.0%	29	3.5%	400	47.4%	2	0.2%
2008	771	36.8%	322	41.7%	55	7.1%	16	2.1%	379	49.1%	0	0.0%
2009	677	36.2%	292	43.1%	44	6.5%	12	1.7%	330	48.7%	0	0.0%
2010	703	35.8%	337	48.0%	48	6.9%	13	1.8%	305	43.4%	0	0.0%
2011	605	34.0%	296	48.9%	30	4.9%	12	1.9%	268	44.3%	0	0.0%
2012	588	23.0%	299	50.8%	21	3.6%	6	1.0%	261	44.3%	2	0.3%
2013	623	20.7%	313	50.3%	23	3.6%	9	1.4%	279	44.7%	0	0.0%
2014	598	19.2%	315	52.7%	21	3.6%	7	1.2%	255	42.6%	0	0.0%
2015	584	13.0%	318	54.5%	17	2.9%	4	0.7%	244	41.8%	1	0.2%
2016	527	16.5%	259	49.2%	19	3.5%	8	1.5%	240	45.5%	1	0.2%
2017	543	16.9%	283	52.0%	15	2.8%	10	1.8%	234	43.1%	1	0.2%
2018	501	14.6%	251	50.0%	12	2.5%	6	1.2%	230	45.9%	2	0.4%
2019	474	24.5%	237	50.0%	17	3.5%	8	1.6%	213	44.9%	0	0.0%
2020	336	13.4%	185	54.9%	7	2.0%	1	0.2%	144	42.9%	0	0.0%
2021	368	18.8%	199	54.1%	16	4.3%	2	0.5%	151	41.0%	0	0.0%
2022	402	29.9%	215	53.4%	16	4.1%	4	0.9%	167	41.5%	0	0.0%
Total	19,932	18.5%	8,703	43.7%	2,499	12.5%	668	3.4%	7,890	39.6%	182	0.9%

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

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

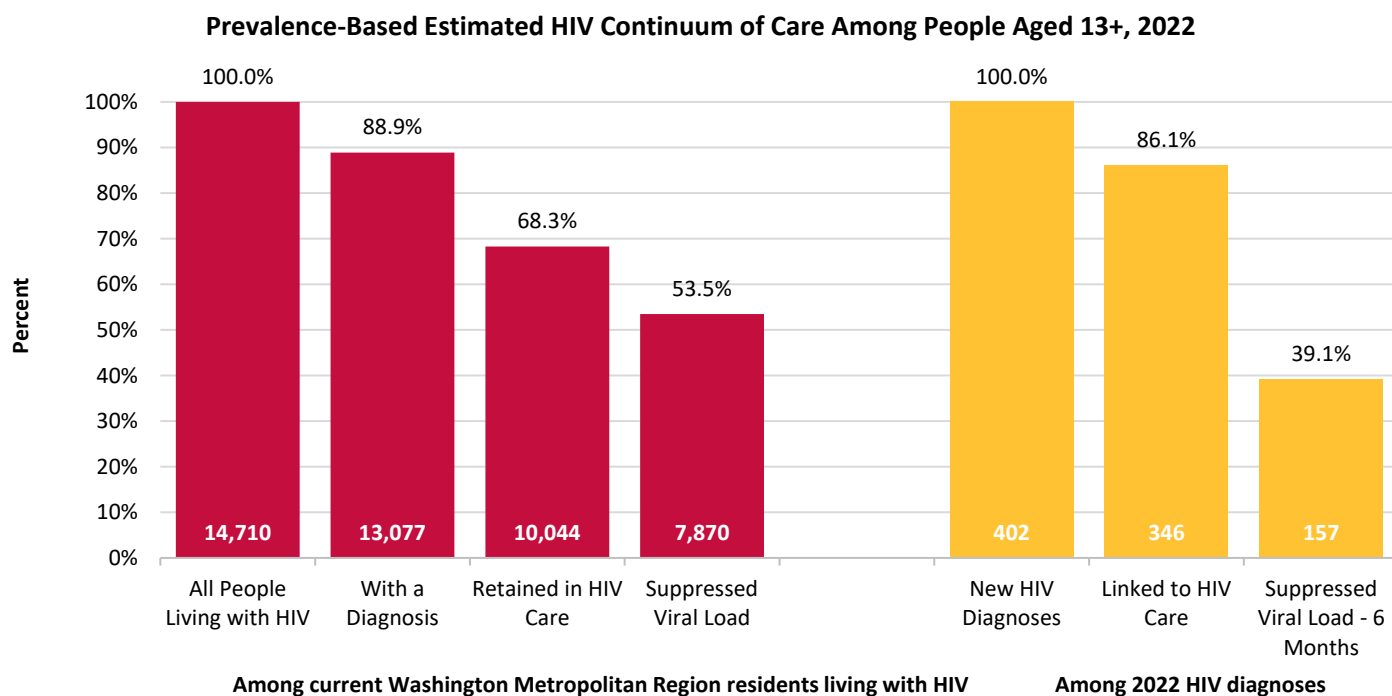
Note. Discrepancies in the table between total HIV diagnoses and the sums by exposure category are due to less than 1 percent of people missing transmission category after multiple imputation.

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

The prevalence-based Washington Metropolitan Region Engagement in HIV Care Cascades (below) apply the CDC CD4 depletion model to Maryland surveillance data, reported through June 30, 2023, to estimate the number of people living with undiagnosed HIV (11.1%) and the estimated number of people living with HIV currently residing in Washington Metropolitan Region. Maryland surveillance data is then used to describe the number and percentage of people living with HIV in Washington Metropolitan Region on December 31, 2022 and the number and percentage of new HIV diagnoses in 2022 who belong to each of the stages of engagement in HIV care.

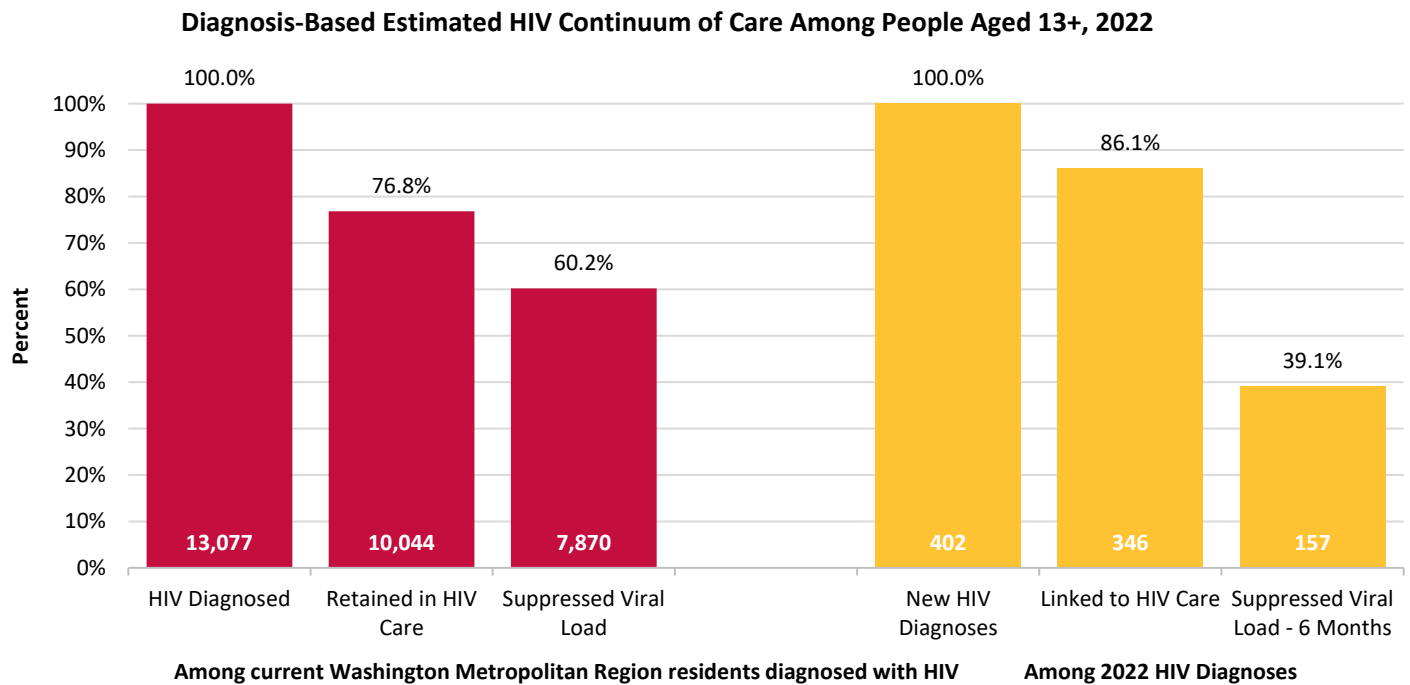


Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2022 HIV Diagnoses	
	Number	Percent		Number	Percent
All People Living with HIV	14,710	100.0%	New HIV Diagnoses	402	100.0%
With a Diagnosis	13,077	88.9%	Linked to HIV Care	346	86.1%
Retained in HIV Care	10,044	68.3%	Suppressed Viral Load – 6 Months	157	39.1%
Suppressed Viral Load	7,870	53.5%			

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

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



Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2022 HIV Diagnoses	
	Number	Percent		Number	Percent
HIV Diagnosed	13,077	100.0%	New HIV Diagnoses	402	100.0%
Retained in HIV Care	10,044	76.8%	Linked to HIV Care	346	86.1%
Suppressed Viral Load	7,870	60.2%	Suppressed Viral Load – 6 Months	157	39.1%

Section IV – By Jurisdiction

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

Jurisdiction of Residence at Diagnosis	Population Aged 13+	HIV Diagnoses among People Aged 13+			AIDS Diagnoses among People Aged 13+		
		No.	% of Total	Rate	No.	% of Total	Rate
Calvert	79,743	1	0.2%	1.3	2	1.1%	2.5
Charles	142,343	25	6.2%	17.6	8	4.3%	5.6
Frederick	240,559	11	2.7%	4.6	4	2.1%	1.7
Montgomery	886,227	107	26.6%	12.1	51	27.3%	5.8
Prince George's	798,706	258	64.2%	32.3	122	65.2%	15.3
Total	2,147,578	402	100.0%	18.7	187	100.0%	8.7

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

Jurisdiction of Residence at HIV Diagnosis	HIV Diagnoses among People Aged 13+					First CD4 Test Result	
	No.	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	% with Test	Median Count	
Calvert	1	***	***	***	***	***	
Charles	25	84.0%	28.0%	20.0%	92.0%	412	
Frederick	11	***	***	***	***	***	
Montgomery	107	85.0%	43.0%	30.8%	97.2%	335	
Prince George's	258	87.2%	38.0%	23.6%	95.7%	410	
Total	402	86.1%	39.1%	25.1%	96.0%	380	

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

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

Jurisdiction of Residence	Population Aged 13+	Total People Aged 13+ Living with Diagnosed HIV								
		Residence at Diagnosis				Current Residence				% Change
		No.	% of Total	Rate	Ratio (1 in X)	No.	% of Total	Rate	Ratio (1 in X)	
Calvert	79,743	118	0.9%	148.0	676	142	1.1%	178.1	562	20.3%
Charles	142,343	548	4.1%	385.0	260	697	5.3%	489.7	204	27.2%
Frederick	240,559	398	2.9%	165.4	604	505	3.9%	209.9	476	26.9%
Montgomery	886,227	4,246	31.4%	479.1	209	3,688	28.2%	416.1	240	-13.1%
Prince George's	798,706	8,207	60.7%	1,027.5	97	8,045	61.5%	1,007.3	99	-2.0%
Total	2,147,578	13,517	100.0%	629.4	159	13,077	100.0%	608.9	164	-3.3%

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

Jurisdiction of Current Residence	Total People Aged 13+ Living with Diagnosed HIV								
	No.	Recent CD4 Test Result				<200	200-349	350-499	500+
		No. with Test	% with Test	Median Count					
Calvert	142	119	83.8%	674	6.7%	12.6%	9.2%	71.4%	
Charles	697	543	77.9%	680	6.8%	9.2%	14.2%	69.8%	
Frederick	505	365	72.3%	673	5.2%	7.1%	14.0%	73.7%	
Montgomery	3,688	2,637	71.5%	629	5.7%	11.0%	16.4%	66.9%	
Prince George's	8,045	6,152	76.5%	645	6.4%	10.1%	15.3%	68.2%	
Total	13,077	9,816	75.1%	643	6.2%	10.2%	15.4%	68.2%	

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

Jurisdiction of Current Residence	Total People Aged 13+ Living with Diagnosed HIV					
	No.	Recent Viral Load Test Result			Median Unsuppressed Viral Load	
		No. with Test	% with Test	% Suppressed		
Calvert	142	118	83.1%	89.8%	1,065	
Charles	697	494	70.9%	90.9%	8,090	
Frederick	505	353	69.9%	90.1%	629	
Montgomery	3,688	2,339	63.4%	90.9%	5,785	
Prince George's	8,045	5,515	68.6%	88.3%	7,630	
Total	13,077	8,819	67.4%	89.2%	6,260	

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)	147,751	1	0.2%	0.7	***	***	***	***	***
5-12 (Pediatric)	255,917	0	0.0%	0.0	--	--	--	--	--
13-19	228,558	15	3.7%	6.6	100.0%	53.3%	***	93.3%	492
20-29	309,712	125	31.0%	40.4	87.2%	41.6%	15.2%	93.6%	412
30-39	345,024	112	27.8%	32.5	87.5%	33.9%	28.6%	98.2%	357
40-49	338,244	81	20.1%	23.9	80.2%	37.0%	37.0%	97.5%	262
50-59	352,702	50	12.4%	14.2	82.0%	40.0%	32.0%	94.0%	326
60-69	297,724	17	4.2%	5.7	94.1%	52.9%	***	100.0%	396
70+	275,614	2	0.5%	0.7	***	***	***	***	***
Total	2,551,246	403	100.0%	15.8	86.1%	39.2%	25.1%	96.0%	380
Alternate Age Categories									
13-24	384,075	67	16.7%	17.4	92.5%	52.2%	13.4%	94.0%	449
25-34	322,992	142	35.3%	44.0	83.1%	32.4%	21.1%	95.8%	372
35-44	352,518	88	21.9%	25.0	87.5%	40.9%	34.1%	97.7%	349
45-54	338,081	72	17.9%	21.3	86.1%	36.1%	33.3%	95.8%	332
55-64	340,331	25	6.2%	7.3	80.0%	***	32.0%	96.0%	320
65+	409,581	8	2.0%	2.0	87.5%	***	0.0%	100.0%	462
Total	2,147,578	402	100.0%	18.7	86.1%	39.2%	25.1%	96.0%	380

*** 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)	147,751	1	0.0%	0.7	147,751
5-12 (Pediatric)	255,917	10	0.1%	3.9	25,592
13-19	228,558	67	0.5%	29.3	3,411
20-29	309,712	931	7.1%	300.6	333
30-39	345,024	2,676	20.4%	775.6	129
40-49	338,244	2,971	22.7%	878.4	114
50-59	352,702	3,545	27.1%	1,005.1	99
60-69	297,724	2,152	16.4%	722.8	138
70+	275,614	735	5.6%	266.7	375
Total	2,551,246	13,088	100.0%	513.0	195
Alternate Age Categories					
13-24	384,075	344	2.6%	89.6	1,116
25-34	322,992	1,964	15.0%	608.1	164
35-44	352,518	2,865	21.9%	812.7	123
45-54	338,081	3,161	24.2%	935.0	107
55-64	340,331	3,161	24.2%	928.8	108
65+	409,581	1,582	12.1%	386.2	259
Total	2,147,578	13,077	100.0%	608.9	164

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

Age on December 31, 2022	Total People Aged 13+ Living with Diagnosed HIV							
	No.	Recent CD4 Test Results						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
13-19	67	36	53.7%	646	5.6%	11.1%	8.3%	75.0%
20-29	931	717	77.0%	672	5.9%	7.9%	14.5%	71.7%
30-39	2,676	1,972	73.7%	648	6.3%	9.0%	15.6%	69.1%
40-49	2,971	2,194	73.8%	651	6.6%	9.8%	14.7%	68.9%
50-59	3,545	2,704	76.3%	645	5.9%	10.0%	16.0%	68.0%
60-69	2,152	1,673	77.7%	629	5.9%	12.1%	15.2%	66.7%
70+	735	520	70.7%	565	6.9%	14.8%	16.7%	61.5%
Total	13,077	9,816	75.1%	643	6.2%	10.2%	15.4%	68.2%
Alternate Age Categories								
13-24	344	258	75.0%	627	5.8%	10.1%	14.3%	69.8%
25-34	1,964	1,459	74.3%	673	6.0%	7.7%	15.0%	71.4%
35-44	2,865	2,109	73.6%	643	6.4%	9.9%	15.1%	68.5%
45-54	3,161	2,385	75.5%	644	6.5%	9.9%	15.9%	67.8%
55-64	3,161	2,428	76.8%	645	6.1%	10.5%	15.3%	68.1%
65+	1,582	1,177	74.4%	601	5.7%	14.1%	15.9%	64.3%
Total	13,077	9,816	75.1%	643	6.2%	10.2%	15.4%	68.2%

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

Age on December 31, 2022	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
13-19	67	60	89.6%	78.3%	30,600
20-29	931	667	71.6%	79.8%	8,040
30-39	2,676	1,785	66.7%	85.0%	10,650
40-49	2,971	2,002	67.4%	89.1%	5,870
50-59	3,545	2,425	68.4%	91.5%	4,450
60-69	2,152	1,441	67.0%	94.4%	1,030
70+	735	439	59.7%	93.8%	4,880
Total	13,077	8,819	67.4%	89.2%	6,260
Alternate Age Categories					
13-24	344	268	77.9%	81.0%	30,600
25-34	1,964	1,322	67.3%	82.1%	7,270
35-44	2,865	1,930	67.4%	87.0%	7,105
45-54	3,161	2,160	68.3%	90.0%	8,860
55-64	3,161	2,148	68.0%	93.5%	1,520
65+	1,582	991	62.6%	94.5%	3,410
Total	13,077	8,819	67.4%	89.2%	6,260

Section VI – By Demographics

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

Demographic Characteristics	Population Aged 13+	HIV Diagnoses among People Aged 13+							First CD4 Test Result	
		No.	% of Total	Rate	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	% with Test	Median Count	
Assigned Sex at Birth										
Female	1,110,660	102	25.4%	9.2	83.3%	47.1%	26.5%	97.1%	412	
Male	1,036,918	300	74.6%	28.9	87.0%	36.3%	24.7%	95.7%	367	
Gender Identity										
Cisgender Man or Boy	1,036,918	289	71.9%	27.9	86.5%	36.3%	25.3%	95.8%	360	
Cisgender Woman or Girl	1,110,660	102	25.4%	9.2	83.3%	***	***	97.1%	412	
Transgender Man or Boy	--	0	0.0%	0.0	--	--	--	--	--	
Transgender Woman or Girl	--	11	2.7%	0.0	100.0%	***	***	90.9%	494	
Another Gender Identity	--	0	0.0%	0.0	--	--	--	--	--	
Race/Ethnicity										
Hispanic	354,937	93	23.1%	26.2	92.5%	50.5%	28.0%	93.5%	340	
Non-Hispanic	1,792,641	309	76.9%	17.2	84.1%	35.6%	24.3%	96.8%	396	
American Indian/Alaska Native, only	5,067	0	0.0%	0.0	--	--	--	--	--	
Asian, only	200,425	5	1.2%	2.5	100.0%	***	***	100.0%	274	
Black, only	781,693	281	69.9%	35.9	83.6%	34.5%	23.8%	96.4%	393	
Native Hawaiian/Other Pacific Islander, only	1,060	0.0	0.0%	0.0	--	--	--	--	--	
White, only	757,015	18	4.5%	2.4	83.3%	55.6%	27.8%	100.0%	434	
Multiracial/Another Race	47,381	5	1.2%	10.6	100.0%	***	***	100.0%	407	
Total	2,147,578	402	100.0%	18.7	86.1%	39.1%	25.1%	96.0%	380	
Country of Birth										
United States	1,497,156	308	76.6%	20.6	84.4%	35.1%	22.7%	96.1%	410	
Foreign-Born	562,823	83	20.6%	14.7	90.4%	49.4%	32.5%	96.4%	312	
Africa	--	46	11.4%	--	89.1%	43.5%	37.0%	97.8%	280	
Asia	--	1	0.2%	--	***	***	***	***	***	
Caribbean	--	9	2.2%	--	77.8%	55.6%	***	88.9%	498	
Central America	--	23	5.7%	--	95.7%	52.2%	26.1%	95.7%	312	
Other	--	4	1.0%	--	***	***	***	***	***	
Unknown	--	11	2.7%	--	100.0%	72.7%	***	90.9%	264	
Total	2,059,979	402	100.0%	19.5	86.1%	39.1%	25.1%	96.0%	380	

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

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

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

HIV Diagnoses among People Aged 13+								
Race/Ethnicity	Assigned Sex at Birth							
	Female				Male			
	Population 13+	No.	% of Total	Rate	Population 13+	No.	% of Total	Rate
Hispanic	170,847	8	7.8%	4.7	184,090	85	28.3%	46.2
Non-Hispanic	939,813	94	92.2%	10.0	852,828	215	71.7%	25.2
American Indian/Alaska Native, only	2,651	0	0.0%	0.0	2,417	0	0.0%	0.0
Asian, only	106,748	0	0.0%	0.0	93,678	5	1.7%	5.3
Black, only	420,066	89	87.3%	21.2	361,627	192	64.0%	53.1
Native Hawaiian/Other Pacific Islander, only	586	0	0.0%	0.0	473	0	0.0%	0.0
White, only	384,624	3	2.9%	0.8	372,391	15	5.0%	4.0
Multiracial/Another Race	25,138	2	2.0%	8.0	22,243	3	1.0%	13.5
Total	1,110,660	102	100.0%	9.2	1,036,918	300	100.0%	28.9

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	1,110,660	4,475	34.2%	402.9	248
Male	1,036,918	8,602	65.8%	829.6	121
Gender Identity					
Cisgender Man or Boy	1,036,918	8,505	65.0%	820.2	122
Cisgender Woman or Girl	1,110,660	4,470	34.2%	402.5	248
Transgender Man or Boy	--	4	0.0%	--	--
Transgender Woman or Girl	--	98	0.7%	--	--
Another Gender Identity	--	0	0.0%	--	--
Race/Ethnicity					
Hispanic	354,937	1,405	10.7%	395.8	253
Non-Hispanic	1,792,641	11,672	89.3%	651.1	154
American Indian/Alaska Native, only	5,067	***	***	***	***
Asian, only	200,425	135	1.0%	67.4	1,485
Black, only	781,693	9,862	75.4%	1,261.6	79
Native Hawaiian/Other Pacific Islander, only	1,060	***	***	***	***
White, only	757,015	1,081	8.3%	142.8	700
Multiracial/Another Race	47,381	582	4.5%	1,228.3	81
Total	2,147,578	13,077	100.0%	608.9	164
Country of Birth					
United States	1,497,156	9,657	73.8%	645.0	155
Foreign-Born	562,823	3,040	23.2%	540.1	185
Africa	--	2,014	15.4%	--	--
Asia	--	102	0.8%	--	--
Caribbean	--	189	1.4%	--	--
Central America	--	499	3.8%	--	--
Other	--	236	1.8%	--	--
Unknown	--	380	2.9%	--	--
Total	2,059,979	13,077	100.0%	634.8	158

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

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

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

Total People Aged 13+ Living with Diagnosed HIV								
Race/Ethnicity	Assigned Sex at Birth							
	Female				Male			
	Population 13+	No.	% of Total	Rate	Population 13+	No.	% of Total	Rate
Hispanic	170,847	292	6.5%	170.9	184,090	1,113	12.9%	604.6
Non-Hispanic	939,813	4,183	93.5%	445.1	852,828	7,489	87.1%	878.1
American Indian/Alaska Native, only	2,651	***	***	***	2,417	***	***	***
Asian, only	106,748	21	0.5%	19.7	93,678	114	1.3%	121.7
Black, only	420,066	3,820	85.4%	909.4	361,627	6,042	70.2%	1,670.8
Native Hawaiian/Other Pacific Islander, only	586	***	***	***	473	***	***	***
White, only	384,624	174	3.9%	45.2	372,391	907	10.5%	243.6
Multiracial/Another Race	25,138	164	3.7%	652.4	22,243	418	4.9%	1,879.2
Total	1,110,660	4,475	100.0%	402.9	1,036,918	8,602	100.0%	829.6

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

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

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

Demographic Characteristics	Total People Aged 13+ Living with Diagnosed HIV							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Assigned Sex at Birth								
Female	4,475	3,359	75.1%	686	5.2%	9.1%	13.8%	71.9%
Male	8,602	6,457	75.1%	624	6.7%	10.8%	16.3%	66.2%
Gender Identity								
Cisgender Man or Boy	8,505	6,381	75.0%	624	6.7%	10.9%	16.3%	66.1%
Cisgender Woman or Girl	4,470	3,356	75.1%	686	5.2%	9.1%	13.7%	71.9%
Transgender Man or Boy	4	***	***	***	***	***	***	***
Transgender Woman or Girl	98	***	***	***	***	***	***	***
Another Gender Identity	0	--	--	--	--	--	--	--
Race/Ethnicity								
Hispanic	1,405	1,080	76.9%	632	6.6%	10.4%	15.2%	67.9%
Non-Hispanic	11,672	8,736	74.8%	645	6.1%	10.2%	15.4%	68.2%
American Indian/Alaska Native, only	9	***	***	***	***	***	***	***
Asian, only	135	98	72.6%	651	3.1%	7.1%	19.4%	70.4%
Black, only	9,862	7,362	74.7%	641	6.5%	10.3%	15.7%	67.4%
Native Hawaiian/Other Pacific Islander, only	3	***	***	***	***	***	***	***
White, only	1,081	799	73.9%	697	3.9%	9.0%	12.5%	74.6%
Multiracial/Another Race	582	467	80.2%	641	5.4%	10.9%	15.2%	68.5%
Country of Birth								
United States	9,657	7,379	76.4%	653	6.4%	9.9%	14.7%	69.0%
Foreign-Born	3,040	2,187	71.9%	604	5.8%	11.5%	17.7%	65.0%
Africa	2,014	1,440	71.5%	591	5.8%	11.1%	19.0%	64.1%
Asia	102	77	75.5%	638	2.6%	9.1%	20.8%	67.5%
Caribbean	189	129	68.3%	668	6.2%	11.6%	14.7%	67.4%
Central America	499	385	77.2%	585	6.5%	14.5%	15.3%	63.6%
Other	236	156	66.1%	664	4.5%	8.3%	13.5%	73.7%
Unknown	380	250	65.8%	665	3.6%	8.0%	15.6%	72.8%
Total	13,077	9,816	75.1%	643	6.2%	10.2%	15.4%	68.2%

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

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

Demographic Characteristics	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
Assigned Sex at Birth					
Female	4,475	2,984	66.7%	89.5%	4,800
Male	8,602	5,835	67.8%	89.1%	7,240
Gender Identity					
Cisgender Man or Boy	8,505	5,761	67.7%	89.2%	6,635
Cisgender Woman or Girl	4,470	2,981	66.7%	89.5%	4,800
Transgender Man or Boy	4	***	***	***	***
Transgender Woman or Girl	98	***	***	***	***
Another Gender Identity	0	--	--	--	--
Race/Ethnicity					
Hispanic	1,405	1,000	71.2%	89.4%	10,580
Non-Hispanic	11,672	7,819	67.0%	89.2%	5,780
American Indian/Alaska Native, only	9	***	***	***	***
Asian, only	135	92	68.1%	94.6%	1,910
Black, only	9,862	6,535	66.3%	88.4%	6,615
Native Hawaiian/Other Pacific Islander, only	3	***	***	***	***
White, only	1,081	767	71.0%	94.9%	1,220
Multiracial/Another Race	582	415	71.3%	89.6%	4,370
Country of Birth					
United States	9,657	6,629	68.6%	88.6%	6,700
Foreign-Born	3,040	1,965	64.6%	90.9%	4,580
Africa	2,014	1,269	63.0%	90.7%	3,865
Asia	102	71	69.6%	95.8%	4,540
Caribbean	189	117	61.9%	93.2%	50,850
Central America	499	366	73.3%	89.9%	11,700
Other	236	142	60.2%	90.8%	594
Unknown	380	225	59.2%	93.8%	8,805
Total	13,077	8,819	67.4%	89.2%	6,260

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

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

Age on December 31, 2022		Total Females Living with Diagnosed HIV				Total Females by Age Group
		Race/Ethnicity				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race	
<13 (Pediatric)	Population	53,123	65,949	52,556	25,859	197,487
	Number	0	5	0	0	5
	Rate	0.0	7.6	0.0	0.0	2.5
	Ratio (1 in X)	--	13,190	--	--	39,497
13-19	Population	26,562	38,032	32,217	14,584	111,395
	Number	4	22	3	1	30
	Rate	15.1	57.8	9.3	6.9	26.9
	Ratio (1 in X)	6,641	1,729	10,739	14,584	3,713
20-29	Population	31,006	60,289	44,280	18,764	154,339
	Number	14	164	3	3	184
	Rate	45.2	272.0	6.8	16.0	119.2
	Ratio (1 in X)	2,215	368	14,760	6,255	839
30-39	Population	31,280	66,219	53,404	22,274	173,177
	Number	56	495	30	29	610
	Rate	179.0	747.5	56.2	130.2	352.2
	Ratio (1 in X)	559	134	1,780	768	284
40-49	Population	32,558	64,117	51,122	23,468	171,265
	Number	81	1,036	40	52	1,209
	Rate	248.8	1,615.8	78.2	221.6	705.9
	Ratio (1 in X)	402	62	1,278	451	142
50-59	Population	23,962	74,756	62,089	21,468	182,275
	Number	83	1,173	42	55	1,353
	Rate	346.4	1,569.1	67.6	256.2	742.3
	Ratio (1 in X)	289	64	1,478	390	135
60-69	Population	14,710	61,089	64,268	17,092	157,159
	Number	35	678	37	39	789
	Rate	237.9	1,109.9	57.6	228.2	502.0
	Ratio (1 in X)	420	90	1,737	438	199
70+	Population	10,769	55,564	77,244	17,473	161,050
	Number	19	252	19	10	300
	Rate	176.4	453.5	24.6	57.2	186.3
	Ratio (1 in X)	567	220	4,065	1,747	537
Total Females by Race/Ethnicity	Population	223,970	486,015	437,180	160,982	1,308,147
	Number	288	3,803	171	188	4,450
	Rate	128.6	782.5	39.1	116.8	340.2
	Ratio (1 in X)	778	128	2,557	856	294

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

Age on December 31, 2022		Total Females Living with Diagnosed HIV				Total Females by Age Group
		Race/Ethnicity				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race	
13-24	Population	42,984	66,814	54,810	23,792	188,400
	Number	8	65	4	2	79
	Rate	18.6	97.3	7.3	8.4	41.9
	Ratio (1 in X)	5,373	1,028	13,702	11,896	2,385
25-34	Population	29,607	64,859	46,778	20,249	161,493
	Number	36	317	12	15	380
	Rate	121.6	488.8	25.7	74.1	235.3
	Ratio (1 in X)	822	205	3,898	1,350	425
35-44	Population	33,643	65,427	55,249	23,518	177,837
	Number	76	766	36	33	911
	Rate	225.9	1,170.8	65.2	140.3	512.3
	Ratio (1 in X)	443	85	1,535	713	195
45-54	Population	28,140	68,413	53,627	22,848	173,028
	Number	79	1,159	44	69	1,351
	Rate	280.7	1,694.1	82.0	302.0	780.8
	Ratio (1 in X)	356	59	1,219	331	128
55-64	Population	19,607	71,416	66,524	19,323	176,870
	Number	61	978	43	44	1,126
	Rate	311.1	1,369.4	64.6	227.7	636.6
	Ratio (1 in X)	321	73	1,547	439	157
65+	Population	16,866	83,137	107,636	25,393	233,032
	Number	32	535	35	26	628
	Rate	189.7	643.5	32.5	102.4	269.5
	Ratio (1 in X)	527	155	3,075	977	371
Total Females by Race/Ethnicity	Population	170,847	420,066	384,624	135,123	1,110,660
	Number	292	3,820	174	189	4,475
	Rate	170.9	909.4	45.2	139.9	402.9
	Ratio (1 in X)	585	110	2,210	715	248

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	56,008	67,263	55,305	27,604	206,181
	Number	0	5	1	0	6
	Rate	0.0	7.4	1.8	0.0	2.9
	Ratio (1 in X)	--	13,453	55,305	--	34,364
13-19	Population	28,334	38,776	34,520	15,534	117,163
	Number	8	28	1	0	37
	Rate	28.2	72.2	2.9	0.0	31.6
	Ratio (1 in X)	3,542	1,385	34,520	--	3,167
20-29	Population	32,929	56,936	47,172	18,336	155,373
	Number	133	541	36	37	747
	Rate	403.9	950.2	76.3	201.8	480.8
	Ratio (1 in X)	248	105	1,310	496	208
30-39	Population	34,646	62,330	54,742	20,129	171,847
	Number	286	1,537	118	125	2,066
	Rate	825.5	2,465.9	215.6	621.0	1,202.2
	Ratio (1 in X)	121	41	464	161	83
40-49	Population	39,729	56,291	51,335	19,624	166,979
	Number	319	1,163	160	120	1,762
	Rate	802.9	2,066.0	311.7	611.5	1,055.2
	Ratio (1 in X)	125	48	321	164	95
50-59	Population	26,994	63,460	62,049	17,924	170,427
	Number	233	1,562	258	139	2,192
	Rate	863.2	2,461.4	415.8	775.5	1,286.2
	Ratio (1 in X)	116	41	241	129	78
60-69	Population	14,073	49,450	62,664	14,378	140,565
	Number	110	912	248	93	1,363
	Rate	781.6	1,844.3	395.8	646.8	969.7
	Ratio (1 in X)	128	54	253	155	103
70+	Population	7,385	34,384	59,909	12,886	114,564
	Number	24	299	86	26	435
	Rate	325.0	869.6	143.6	201.8	379.7
	Ratio (1 in X)	308	115	697	496	263
Total Males by Race/Ethnicity	Population	240,098	428,890	427,696	146,415	1,243,099
	Number	1,105	6,019	907	540	8,571
	Rate	460.2	1,403.4	212.1	368.8	689.5
	Ratio (1 in X)	217	71	472	271	145

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	45,709	66,534	58,599	24,834	195,675
	Number	40	200	8	17	265
	Rate	87.5	300.6	13.7	68.5	135.4
	Ratio (1 in X)	1,143	333	7,325	1,461	738
25-34	Population	31,844	61,683	49,032	18,940	161,499
	Number	252	1,174	82	76	1,584
	Rate	791.4	1,903.3	167.2	401.3	980.8
	Ratio (1 in X)	126	53	598	249	102
35-44	Population	39,810	58,979	55,621	20,271	174,681
	Number	297	1,383	145	129	1,954
	Rate	746.0	2,344.9	260.7	636.4	1,118.6
	Ratio (1 in X)	134	43	384	157	89
45-54	Population	33,426	58,831	53,731	19,065	165,053
	Number	274	1,249	168	119	1,810
	Rate	819.7	2,123.0	312.7	624.2	1,096.6
	Ratio (1 in X)	122	47	320	160	91
55-64	Population	20,284	60,328	66,671	16,178	163,461
	Number	188	1,399	316	132	2,035
	Rate	926.8	2,319.0	474.0	815.9	1,244.9
	Ratio (1 in X)	108	43	211	123	80
65+	Population	13,017	55,272	88,737	19,523	176,549
	Number	62	637	188	67	954
	Rate	476.3	1,152.5	211.9	343.2	540.4
	Ratio (1 in X)	210	87	472	291	185
Total Males by Race/Ethnicity	Population	184,090	361,627	372,391	118,811	1,036,918
	Number	1,113	6,042	907	540	8,602
	Rate	604.6	1,670.8	243.6	454.5	829.6
	Ratio (1 in X)	165	60	411	220	121

Section VII – By HIV Exposure Category

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

Estimated or Reported Exposure Category	HIV Diagnoses among People Aged 13+					First CD4 Test Result	
	No.	% of Total	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	% with Test	Median Count
Male-to-male Sexual Contact (MMSC)	215	53.4%	88.2%	63.3%	21.2%	95.3%	403
Injection Drug Use (IDU)	16	4.1%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	4	0.9%	***	***	***	***	***
Heterosexual Contact (HET)	167	41.5%	84.1%	69.8%	28.8%	96.9%	362
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	402	100.0%	86.1%	65.1%	25.1%	96.0%	380
Female Estimated or Reported Exposure Category							
Injection Drug Use (IDU)	9	8.6%	80.7%	***	***	95.5%	326
Heterosexual Contact (HET)	93	91.4%	83.6%	***	***	97.2%	420
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	102	100.0%	83.3%	76.2%	26.5%	97.1%	412
Male Estimated or Reported Exposure Category							
Male-to-male Sexual Contact (MMSC)	215	71.6%	88.2%	63.3%	21.2%	95.3%	403
Injection Drug Use (IDU)	8	2.5%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	4	1.3%	***	***	***	***	***
Heterosexual Contact (HET)	74	24.6%	84.7%	58.7%	34.0%	96.5%	333
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	300	100.0%	87.0%	61.2%	24.7%	95.7%	367

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

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

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

Estimated or Reported Exposure Category	Total People Aged 13+ Living with Diagnosed HIV	
	No.	% of Total
Male-to-male Sexual Contact (MMSC)	5,910	45.2%
Injection Drug Use (IDU)	785	6.0%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	293	2.2%
Heterosexual Contact (HET)	5,888	45.0%
Perinatal Transmission	148	1.1%
Other Exposure	14	0.1%
No Estimated or Reported Exposure	39	0.3%
Total	13,077	100.0%

Female Estimated or Reported Exposure Category		
Injection Drug Use (IDU)	365	8.2%
Heterosexual Contact (HET)	4,000	89.4%
Perinatal Transmission	84	1.9%
Other Exposure	8	0.2%
No Estimated or Reported Exposure	18	0.4%
Total	4,475	100.0%

Male Estimated or Reported Exposure Category		
Male-to-male Sexual Contact (MMSC)	5,910	68.7%
Injection Drug Use (IDU)	419	4.9%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	293	3.4%
Heterosexual Contact (HET)	1,889	22.0%
Perinatal Transmission	64	0.7%
Other Exposure	6	0.1%
No Estimated or Reported Exposure	21	0.2%
Total	8,602	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)	774	55.1%	3,956	40.1%	762	70.5%
Injection Drug Use (IDU)	42	3.0%	633	6.4%	70	6.5%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	28	2.0%	196	2.0%	44	4.1%
Heterosexual Contact (HET)	546	38.9%	4,912	49.8%	191	17.6%
Perinatal Transmission	12	0.9%	126	1.3%	6	0.6%
Other Exposure	1	0.1%	7	0.1%	4	0.4%
No Estimated or Reported Exposure	2	0.1%	32	0.3%	4	0.4%
Total	1,405	100.0%	9,862	100.0%	1,081	100.0%
Female Estimated or Reported Exposure Category						
Injection Drug Use (IDU)	14	4.9%	296	7.7%	35	19.9%
Heterosexual Contact (HET)	271	92.7%	3,433	89.9%	130	74.9%
Perinatal Transmission	6	2.1%	72	1.9%	4	2.3%
Other Exposure	0	0.0%	6	0.2%	1	0.6%
No Estimated or Reported Exposure	1	0.3%	13	0.3%	4	2.3%
Total	292	100.0%	3,820	100.0%	174	100.0%
Male Estimated or Reported Exposure Category						
Male-to-male Sexual Contact (MMSC)	774	69.5%	3,956	65.5%	762	84.1%
Injection Drug Use (IDU)	28	2.5%	338	5.6%	35	3.9%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	28	2.5%	196	3.2%	44	4.9%
Heterosexual Contact (HET)	275	24.7%	1,478	24.5%	60	6.6%
Perinatal Transmission	6	0.5%	54	0.9%	2	0.2%
Other Exposure	1	0.1%	1	0.0%	3	0.3%
No Estimated or Reported Exposure	1	0.1%	19	0.3%	0	0.0%
Total	1,113	100.0%	6,042	100.0%	906	100.0%

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

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

Estimated or Reported Exposure Category	Total People Aged 13+ with Living Diagnosed HIV							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male-to-male Sexual Contact (MMS)	5,910	4,533	76.7%	651	5.6%	9.6%	15.2%	69.7%
Injection Drug Use (IDU)	785	566	72.1%	632	9.1%	11.5%	16.0%	63.4%
Male-to-male Sexual Contact and Injection Drug Use (MMS/IDU)	293	210	71.6%	539	8.1%	14.5%	20.0%	57.4%
Heterosexual Contact (HET)	5,888	4,371	74.2%	642	6.1%	10.5%	15.4%	68.0%
Perinatal Transmission	148	97	65.5%	638	15.5%	8.2%	12.4%	63.9%
Other Exposure	14	11	78.6%	513	9.1%	9.1%	27.3%	54.5%
No Estimated or Reported Exposure	39	28	71.8%	535	10.7%	10.7%	17.9%	60.7%
Total	13,077	9,816	75.1%	643	6.2%	10.2%	15.4%	68.2%

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

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

Estimated or Reported Exposure Category	Total People Aged 13+ with Living Diagnosed HIV				
	No.	Recent Viral Load Test Results			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
Male-to-male Sexual Contact (MMS)	5,910	4,128	69.8%	89.2%	8,090
Injection Drug Use (IDU)	785	493	62.9%	88.3%	8,750
Male-to-male Sexual Contact and Injection Drug Use (MMS/IDU)	293	188	64.0%	87.3%	3,415
Heterosexual Contact (HET)	5,888	3,859	65.5%	90.1%	4,940
Perinatal Transmission	148	115	77.7%	73.9%	10,980
Other Exposure	14	11	78.6%	100.0%	--
No Estimated or Reported Exposure	39	25	64.1%	72.0%	3,310
Total	13,077	8,819	67.4%	89.2%	6,260

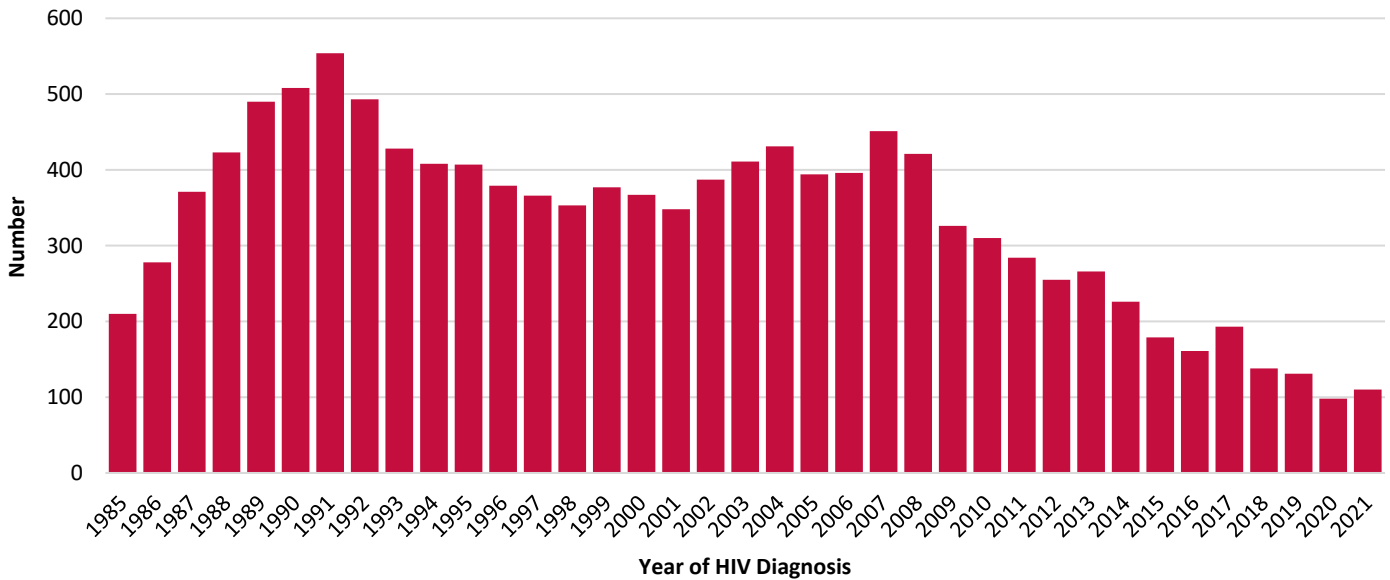
Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Median unsuppressed is weighted based on statistical adjustment.

Section VIII – Disease Progression and Mortality

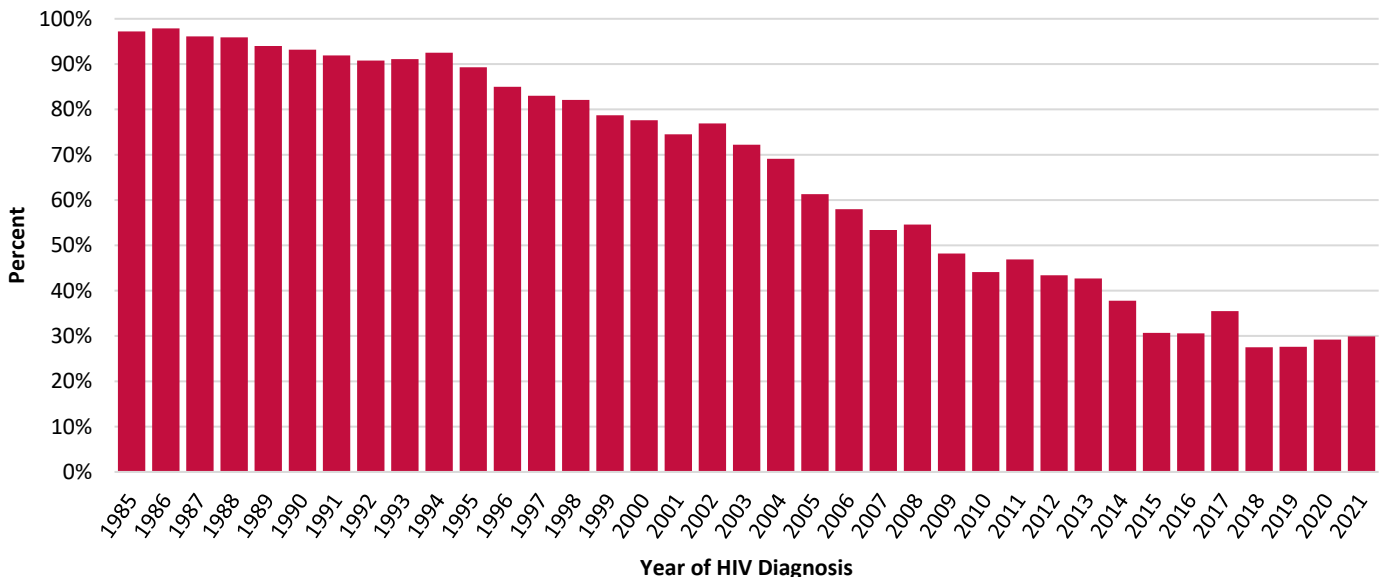
Figure 10 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2021, Reported through June 30, 2023

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

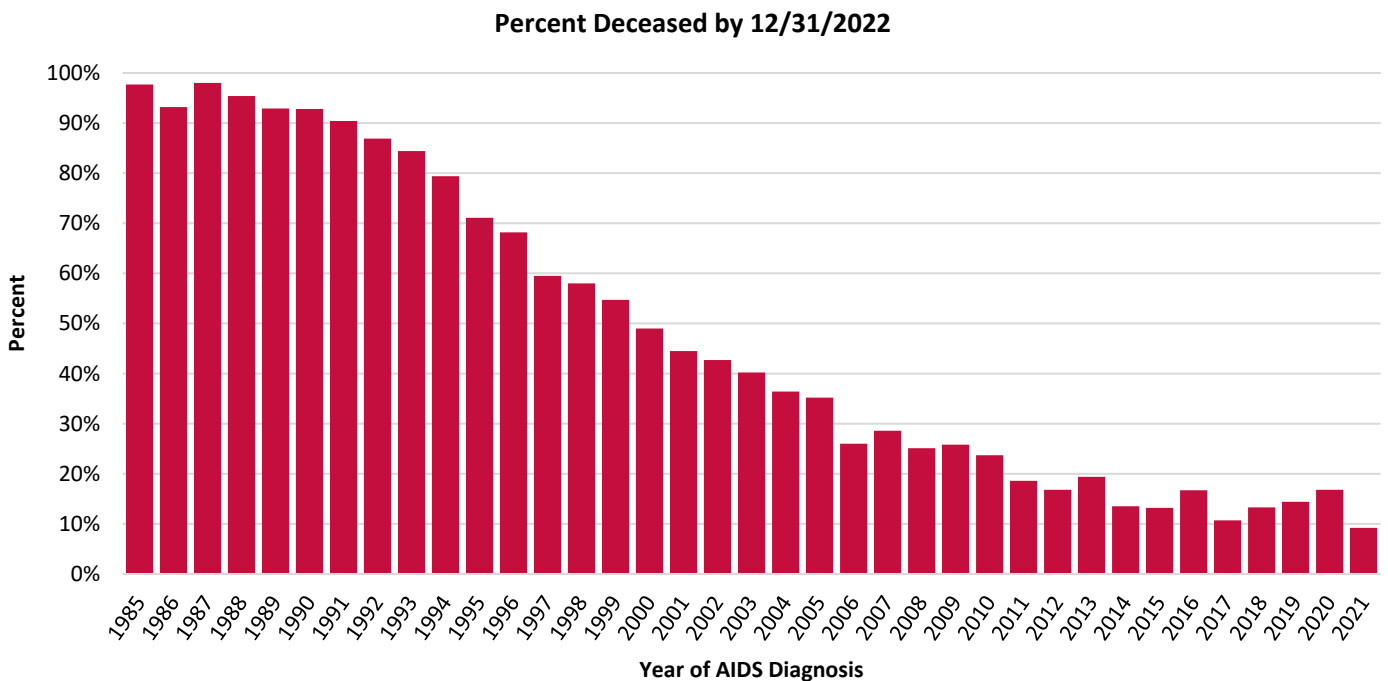
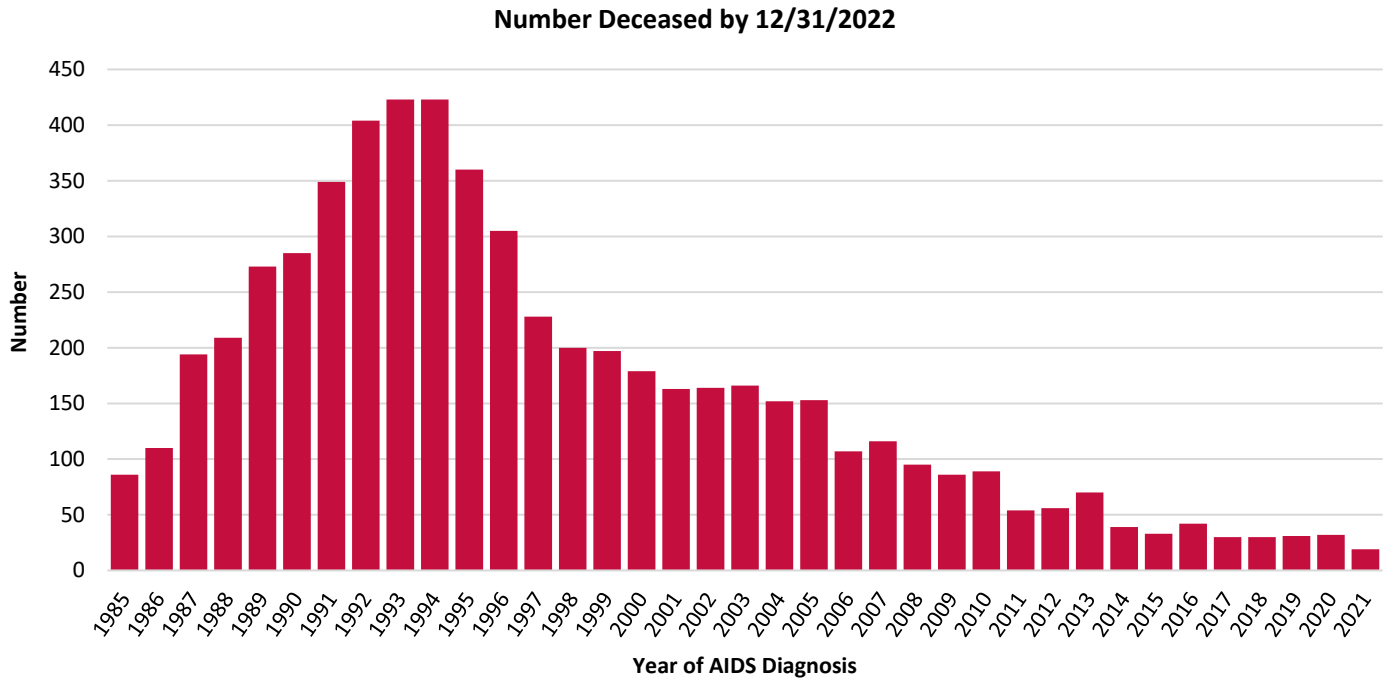


HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	No.	AIDS Diagnoses		Mean Years from HIV to AIDS	Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS		1 Year	2 Years	5 Years	10 Years
<1985	124	117	94.4%	7.6	42.7%	42.7%	46.0%	58.9%
1985	216	210	97.2%	5.9	40.7%	42.1%	49.1%	76.4%
1986	284	278	97.9%	4.9	42.3%	43.0%	53.5%	85.6%
1987	386	371	96.1%	3.9	47.4%	48.2%	64.2%	86.8%
1988	441	423	95.9%	3.3	48.5%	53.3%	72.8%	88.9%
1989	521	490	94.0%	3.0	49.3%	52.0%	73.5%	88.7%
1990	545	508	93.2%	3.1	47.9%	55.4%	73.8%	87.5%
1991	603	554	91.9%	2.6	51.7%	60.5%	78.4%	85.9%
1992	543	493	90.8%	3.1	49.0%	57.1%	73.7%	82.7%
1993	470	428	91.1%	2.2	60.4%	66.4%	77.9%	85.7%
1994	441	408	92.5%	2.1	66.0%	71.4%	77.8%	86.8%
1995	456	407	89.3%	2.1	63.4%	68.4%	73.9%	84.4%
1996	446	379	85.0%	2.2	61.4%	63.5%	71.5%	79.8%
1997	441	366	83.0%	2.2	60.3%	63.9%	70.1%	78.0%
1998	430	353	82.1%	2.3	57.7%	61.9%	68.6%	76.0%
1999	479	377	78.7%	1.8	59.3%	63.0%	68.1%	73.7%
2000	473	367	77.6%	2.4	54.5%	57.9%	64.5%	71.7%
2001	467	348	74.5%	2.3	52.9%	55.2%	62.5%	68.5%
2002	503	387	76.9%	1.6	60.4%	64.0%	68.6%	72.8%
2003	569	411	72.2%	1.8	54.5%	56.8%	61.9%	68.0%
2004	624	431	69.1%	1.9	51.4%	54.0%	58.2%	65.7%
2005	643	394	61.3%	1.7	46.7%	49.3%	53.7%	58.5%
2006	683	396	58.0%	2.0	40.8%	43.6%	49.5%	54.5%
2007	844	451	53.4%	2.1	36.5%	38.7%	44.3%	50.1%
2008	771	421	54.6%	1.9	37.5%	40.5%	47.3%	51.8%
2009	677	326	48.2%	2.2	31.8%	34.0%	39.1%	46.1%
2010	703	310	44.1%	1.7	30.3%	33.0%	37.6%	42.2%
2011	605	284	46.9%	1.8	32.7%	35.7%	39.2%	45.5%
2012	588	255	43.4%	1.4	32.0%	34.9%	38.8%	43.0%
2013	623	266	42.7%	1.3	32.6%	34.3%	38.0%	--
2014	598	226	37.8%	1.4	26.3%	28.3%	33.6%	--
2015	584	179	30.7%	1.0	24.1%	25.7%	28.4%	--
2016	527	161	30.6%	0.8	24.5%	26.4%	29.4%	--
2017	543	193	35.5%	0.6	31.1%	32.4%	34.6%	--
2018	501	138	27.5%	0.4	24.8%	26.3%	--	--
2019	474	131	27.6%	0.2	25.9%	27.2%	--	--
2020	336	98	29.2%	0.2	28.3%	28.9%	--	--
2021	368	110	29.9%	0.2	29.1%	--	--	--
Total	19,530	12,445	63.7%	2.3	42.8%	45.9%	52.9%	59.9%

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

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



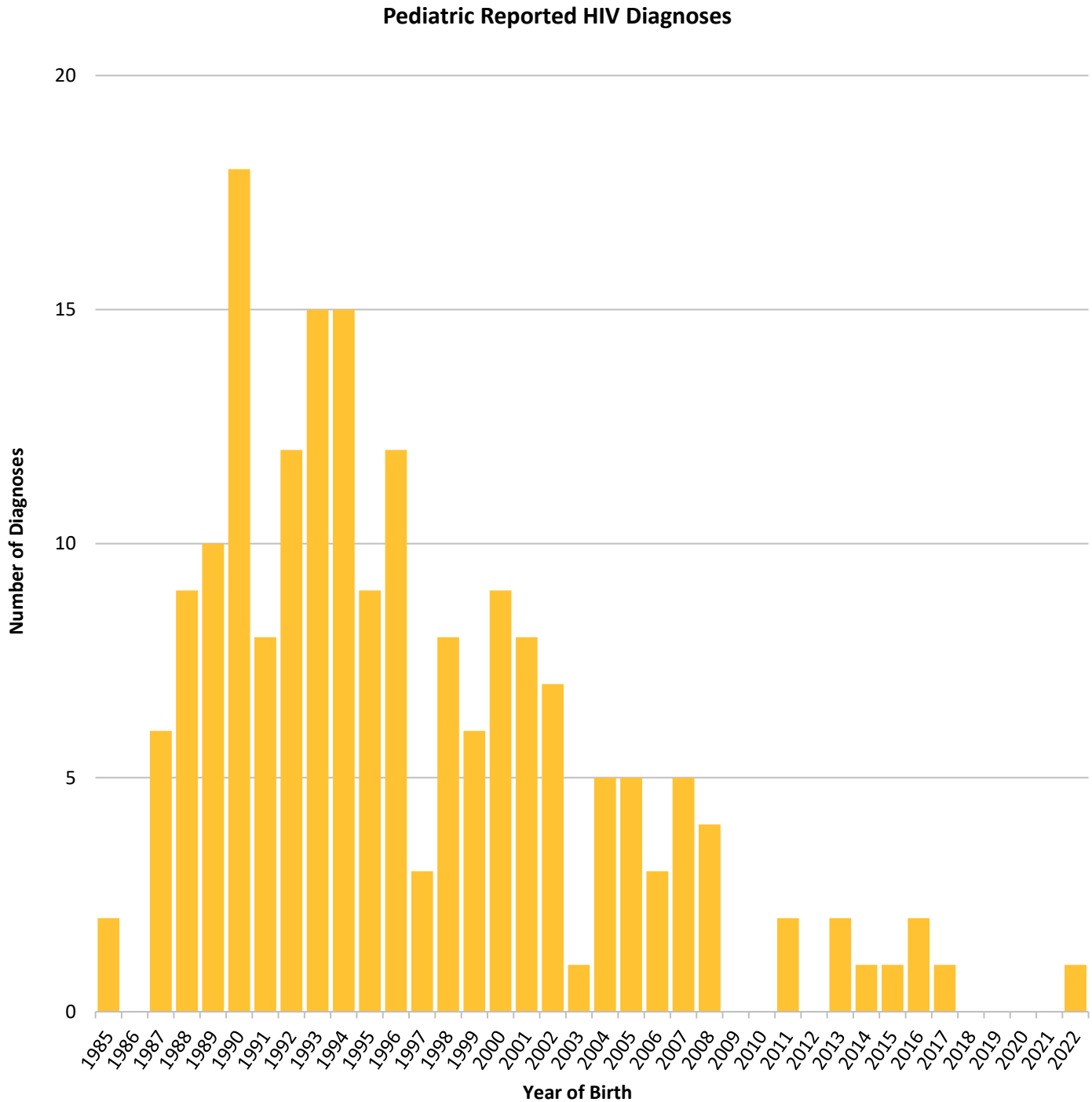
AIDS Diagnoses among People Aged 13+								
Year of AIDS Diagnosis	No.	Reported Deaths Among AIDS Diagnoses			Percent Alive by Years After AIDS Diagnosis			
		No.	% Deceased	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	59	59	100.0%	0.9	33.9%	6.8%	3.4%	0.0%
1985	88	86	97.7%	1.4	40.9%	15.9%	11.4%	3.4%
1986	118	110	93.2%	1.9	51.7%	32.2%	12.7%	9.3%
1987	198	194	98.0%	2.1	52.0%	29.3%	10.6%	6.6%
1988	219	209	95.4%	2.0	61.6%	36.1%	13.2%	6.8%
1989	294	273	92.9%	3.3	68.7%	50.7%	21.8%	13.6%
1990	307	285	92.8%	3.1	65.5%	49.2%	22.5%	14.3%
1991	386	349	90.4%	3.0	68.4%	52.1%	19.7%	15.0%
1992	465	404	86.9%	3.4	74.4%	53.8%	26.0%	20.9%
1993	501	423	84.4%	3.9	73.3%	57.9%	33.5%	25.9%
1994	533	423	79.4%	4.2	76.4%	55.5%	40.9%	30.8%
1995	506	360	71.1%	5.6	75.7%	65.8%	55.3%	43.7%
1996	447	305	68.2%	6.0	80.8%	74.9%	64.0%	47.7%
1997	383	228	59.5%	6.2	82.0%	76.8%	65.8%	55.1%
1998	345	200	58.0%	6.5	85.8%	82.0%	71.6%	55.9%
1999	360	197	54.7%	6.2	85.0%	79.2%	70.3%	57.8%
2000	365	179	49.0%	7.6	92.1%	89.9%	79.2%	65.8%
2001	366	163	44.5%	6.4	87.7%	84.2%	76.2%	67.5%
2002	384	164	42.7%	5.8	88.8%	85.7%	75.3%	67.7%
2003	413	166	40.2%	5.7	88.9%	84.0%	77.2%	70.5%
2004	418	152	36.4%	6.2	90.4%	87.1%	81.3%	74.4%
2005	435	153	35.2%	6.0	90.3%	88.3%	81.1%	74.0%
2006	412	107	26.0%	5.1	93.0%	90.8%	85.4%	78.2%
2007	406	116	28.6%	5.2	91.4%	88.7%	84.7%	77.3%
2008	378	95	25.1%	4.1	90.5%	87.8%	83.6%	78.8%
2009	333	86	25.8%	4.4	90.7%	89.2%	84.4%	78.7%
2010	375	89	23.7%	4.2	92.8%	90.1%	85.3%	79.5%
2011	290	54	18.6%	3.0	94.1%	91.0%	85.2%	81.7%
2012	334	56	16.8%	3.8	93.4%	91.9%	89.8%	83.5%
2013	361	70	19.4%	3.0	92.5%	89.8%	86.4%	--
2014	288	39	13.5%	3	95.8%	93.8%	89.9%	--
2015	250	33	13.2%	2.1	93.2%	92.0%	89.2%	--
2016	251	42	16.7%	1.3	90.0%	87.3%	84.1%	--
2017	281	30	10.7%	1.7	94.7%	92.9%	89.7%	--
2018	225	30	13.3%	1.4	93.3%	92.0%	--	--
2019	215	31	14.4%	0.7	88.8%	87.0%	--	--
2020	191	32	16.8%	0.4	86.4%	83.8%	--	--
2021*	206	19	9.2%	0.4	91.7%	--	--	--
Total	12,386	6,011	48.5%	4.3	83.6%	76.2%	65.6%	58.5%

*2021 deaths among AIDS diagnoses are preliminary.

Section IX – Pediatrics

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

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



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	23	3	2	0	--
1985	2	5	2	1	7
1986	0	6	0	0	13
1987	6	6	4	0	19
1988	9	2	3	2	20
1989	10	8	5	2	26
1990	18	13	5	4	35
1991	8	12	8	3	44
1992	12	10	7	2	51
1993	15	8	10	4	53
1994	15	9	6	3	60
1995	9	9	8	6	63
1996	12	14	12	2	72
1997	3	7	6	1	78
1998	8	5	2	3	80
1999	6	10	6	0	89
2000	9	7	3	1	95
2001	8	5	2	2	99
2002	7	10	2	0	109
2003	1	4	1	4	109
2004	5	5	2	2	112
2005	5	7	3	1	118
2006	3	10	3	1	127
2007	5	11	3	1	138
2008	4	6	1	0	146
2009	0	3	3	0	149
2010	0	1	1	2	149
2011	2	2	2	0	152
2012	0	1	0	0	155
2013	2	2	1	1	157
2014	1	3	1	0	160
2015	1	0	6	0	160
2016	2	3	2	1	164
2017	1	2	1	0	168
2018	0	2	4	1	169
2019	0	0	2	1	171
2020	0	0	2	1	170
2021	0	1	0	0	172
2022	1	1	1	1	172
Total	213	213	132	53	--

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

Jurisdiction of Current Residence	Total People Aged <13 Living with Diagnosed HIV	
	No.	% of Total
Calvert	0	0.0%
Charles	5	45.5%
Frederick	0	0.0%
Montgomery	4	36.4%
Prince George's	2	18.2%
Total	11	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	5	45.5%
Male	6	54.5%
Race/Ethnicity		
Hispanic	0	0.0%
Non-Hispanic	11	100.0%
American Indian/Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	10	90.9%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	1	9.1%
Multiracial/Another Race	0	0.0%
Total	11	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.