

2022

CENTRAL 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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Additional Information and Reporting Instructions

<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 301 reported HIV diagnoses in the Central Region. The Central Region includes Anne Arundel County, Baltimore City, Baltimore County, Carroll County, Harford County, and Howard County. Data presented below describe HIV diagnoses in the Central Region, among people ages 13 years and older, during 2022.

- Geographic distribution: Baltimore City accounted for the highest number (158, 52.5%) of HIV diagnoses and the highest rate (32.6).
- Age: People aged 30-39 years accounted for the highest number (117, 38.9%) of HIV diagnoses. People aged 25-34 had the highest rate (29.4).
- Assigned Sex at Birth: Males accounted for the highest number (233, 77.4%) of HIV diagnoses. The rate among males was 20.7 and 5.5 among females.
- Race/Ethnicity: Non-Hispanic Black people accounted for the highest number (216, 71.8%) and the highest rate (30.7).
- Exposure Category: Male-to-male sexual contact accounted for the highest number (181, 60.0%) of diagnoses.

People Living with Diagnosed HIV

At the end of 2022, there were 16,645 people living with diagnosed HIV in the Central Region. Data presented below describe people living with diagnosed HIV, aged 13 years and older, in Central Region.

- Geographic distribution: Baltimore City accounted for the highest number (9,971, 59.9%) of people living with diagnosed HIV and the highest rate (2,054.3).
- Age: People aged 55-64 years accounted for the highest number (4,952, 29.8%) of people living with diagnosed HIV and the highest rate (1,349.1).
- Assigned Sex at Birth: Males accounted for the highest number (10,964, 65.9%) of people living with diagnosed HIV. The rate among males was 973.4 and 462.4 among females.
- Race/Ethnicity: Non-Hispanic Black people accounted for the highest number (12,590, 75.6%) of the people living with diagnosed HIV. People who identify as multiracial or another race had the highest rate (1,921.7).
- Exposure Category: Male-to-male sexual contact accounted for the highest number (6,311, 37.9%) of the total people living with diagnosed HIV.

Engagement in HIV Care

- HIV diagnosed: Among people living with HIV in the Central Region, it is estimated that 91.8 percent have been diagnosed and an estimated 1,487 people with HIV remain undiagnosed.
- Linked to care: During 2022, 85.0 percent of reported HIV diagnoses were linked to HIV care within one month of their HIV diagnosis.
- Retained in care: Among people living with HIV, 75.7 percent were retained in care during 2022.
- Viral suppression: In 2022, 62.2 percent of people living with HIV achieved viral suppression.

Technical Notes

HIV Reporting

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

Report Changes

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

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

Data Specifications

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

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

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

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

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

COVID-19 and HIV Surveillance Data

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

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

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

Undiagnosed HIV

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

AIDS Diagnoses

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

Mortality

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

Engagement in HIV Care

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

Viral Suppression

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

Geographic Distribution

Residence at diagnosis is used exclusively to describe new diagnoses. Estimates of people living with diagnosed HIV use current residence. Current residence estimates are restricted to people for which there is a case report form or laboratory test reported since January 1, 2013. Restricting address data to recent years presents the

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

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

Residents of Correctional Facilities

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

Gender Identity

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

Race/Ethnicity

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.

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

Country of Birth

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

HIV Exposure Categories

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

Sources of Data

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

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

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

Tabulation of Column Totals

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

Data Suppression

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

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

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

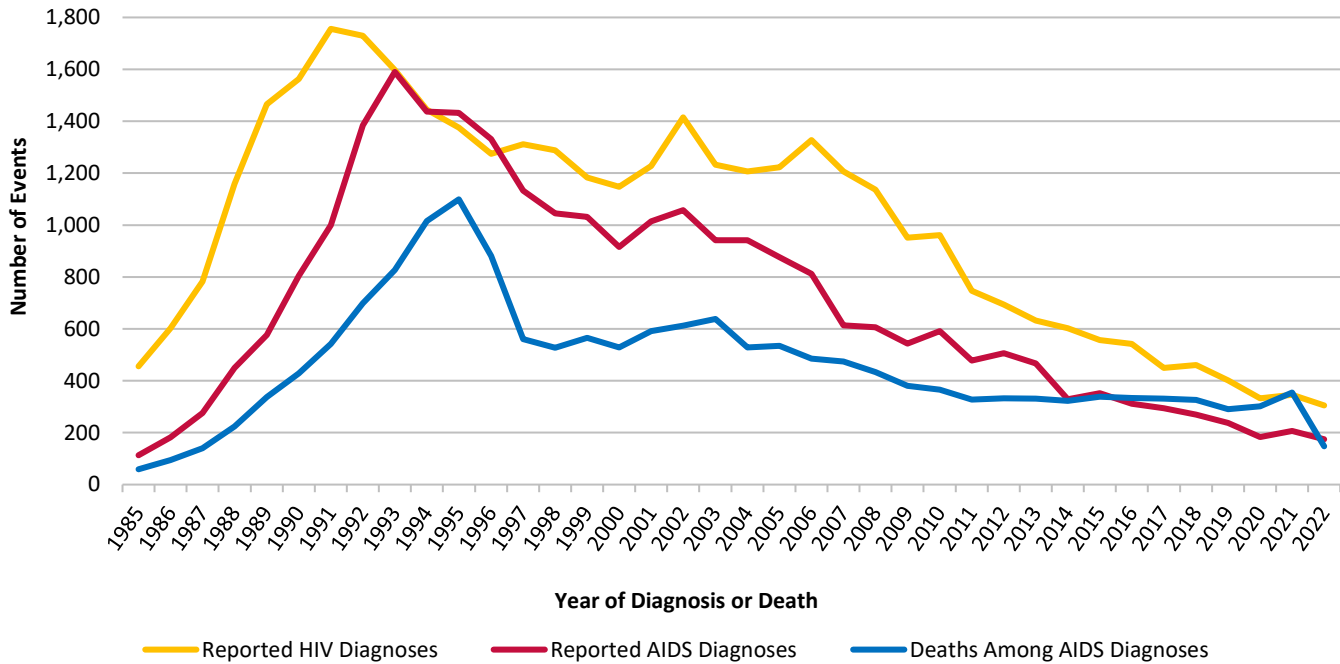
Multiple Imputation

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

Section II – Trends 1985-2022

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

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

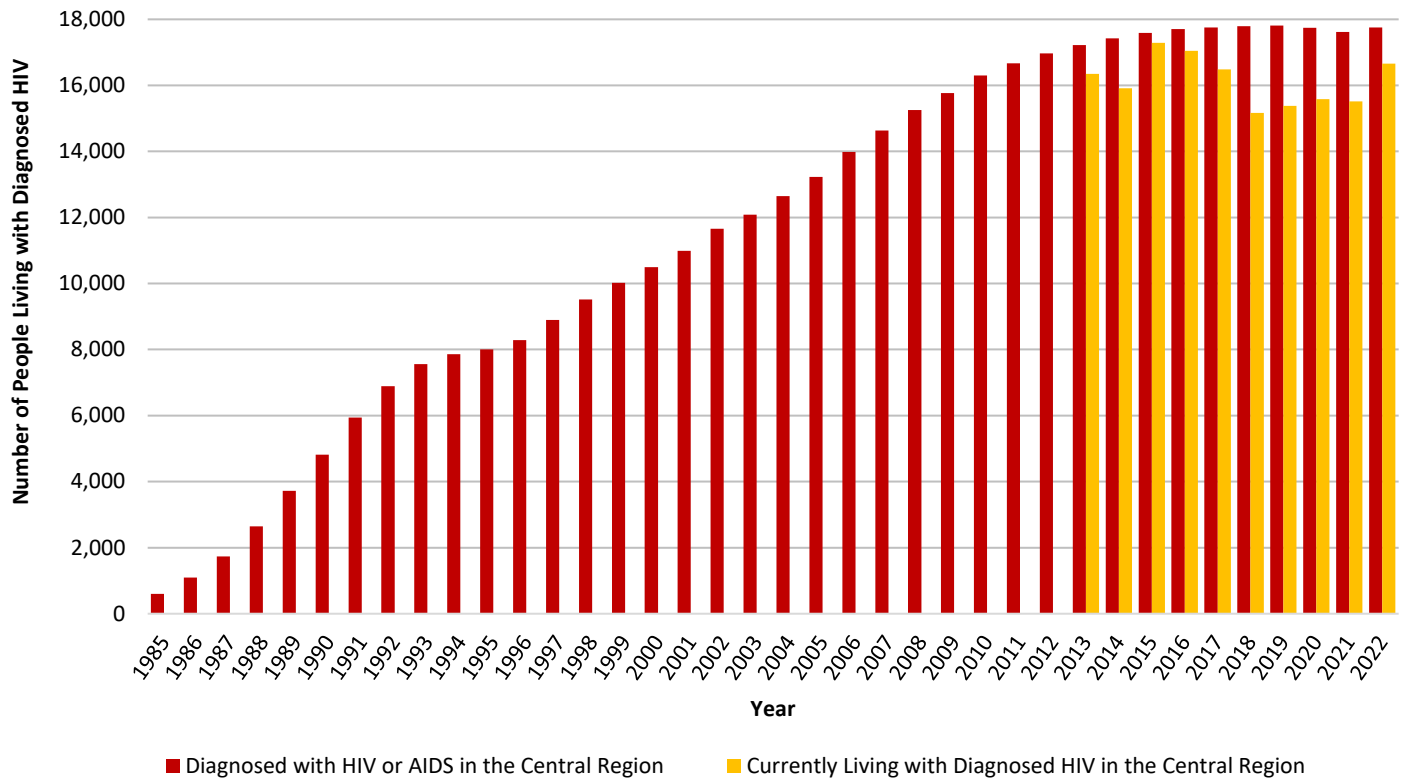


Year of Diagnosis or Death	HIV Diagnoses	AIDS Diagnoses	Deaths Among AIDS Diagnoses	Year of Diagnosis or Death	HIV Diagnoses	AIDS Diagnoses	Deaths Among AIDS Diagnoses
<1985	241	78	35	2004	1,207	942	529
1985	456	113	59	2005	1,223	876	535
1986	603	182	94	2006	1,327	812	485
1987	782	276	140	2007	1,207	613	474
1988	1,159	449	224	2008	1,136	606	433
1989	1,465	577	337	2009	951	543	380
1990	1,563	805	429	2010	961	591	366
1991	1,756	999	542	2011	747	478	328
1992	1,729	1,384	698	2012	694	506	332
1993	1,598	1,590	827	2013	632	467	331
1994	1,445	1,437	1,015	2014	603	329	322
1995	1,376	1,432	1,099	2015	557	352	338
1996	1,275	1,331	881	2016	542	312	334
1997	1,312	1,133	561	2017	450	294	331
1998	1,288	1,045	527	2018	461	269	326
1999	1,183	1,032	566	2019	402	238	291
2000	1,147	915	528	2020	333	183	301
2001	1,227	1,014	591	2021*	346	207	354
2002	1,415	1,057	612	2022*	305	174	147
2003	1,233	942	638	Total	38,337	26,583	17,340

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

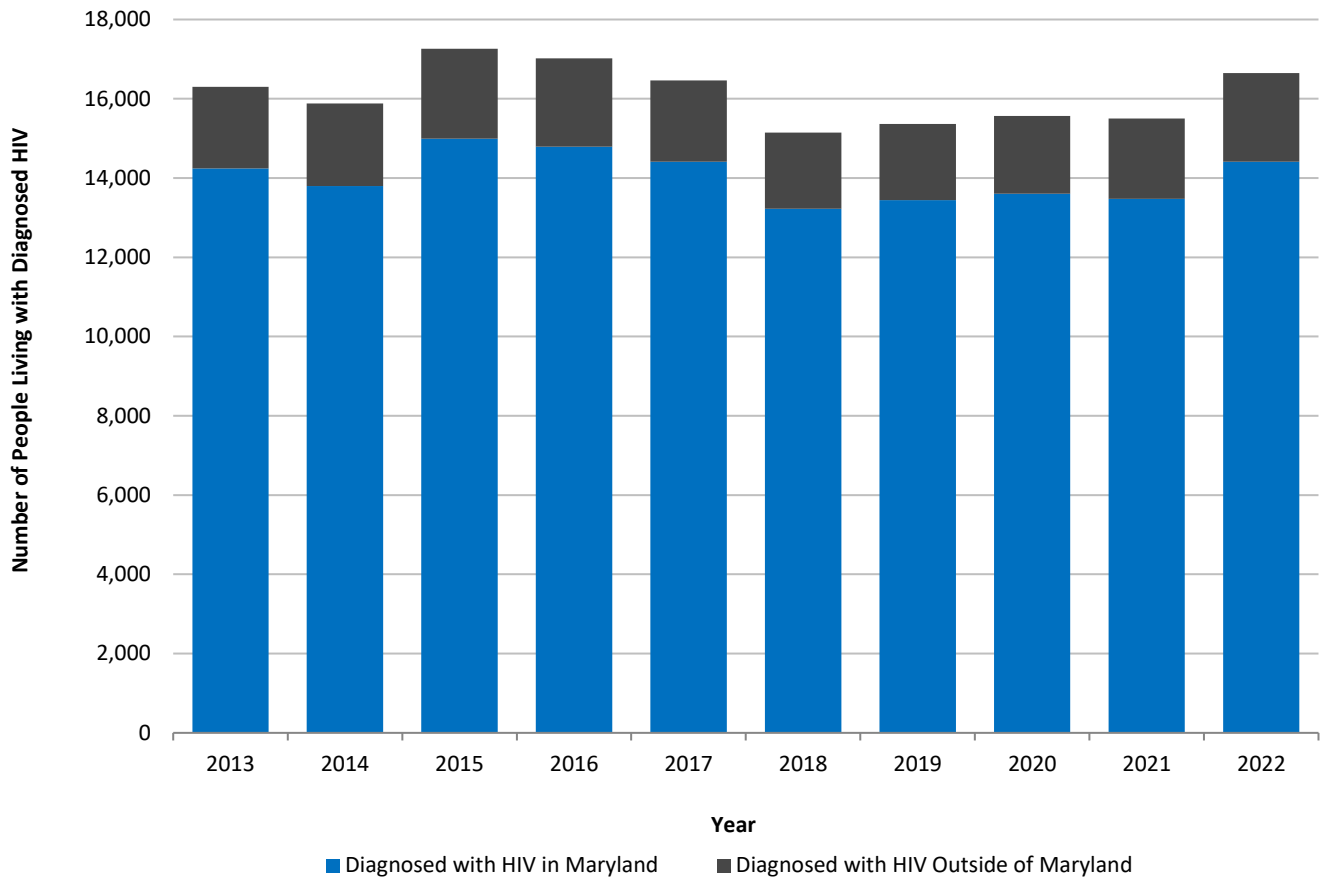


People Living with Diagnosed HIV			People Living with Diagnosed HIV		
Year	Diagnosed with HIV or AIDS in the Central Region	Current Residents	Year	Diagnosed with HIV or AIDS in the Central Region	Current Residents
1985	596	--	2004	12,645	--
1986	1,098	--	2005	13,230	--
1987	1,734	--	2006	13,984	--
1988	2,649	--	2007	14,635	--
1989	3,720	--	2008	15,252	--
1990	4,814	--	2009	15,764	--
1991	5,945	--	2010	16,302	--
1992	6,894	--	2011	16,668	--
1993	7,561	--	2012	16,970	--
1994	7,860	--	2013	17,221	16,346
1995	8,007	--	2014	17,423	15,916
1996	8,290	--	2015	17,591	17,288
1997	8,901	--	2016	17,701	17,044
1998	9,519	--	2017	17,752	16,487
1999	10,017	--	2018	17,795	15,165
2000	10,496	--	2019	17,811	15,375
2001	10,993	--	2020	17,741	15,579
2002	11,654	--	2021	17,618	15,515
2003	12,085	--	2022	17,750	16,661

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

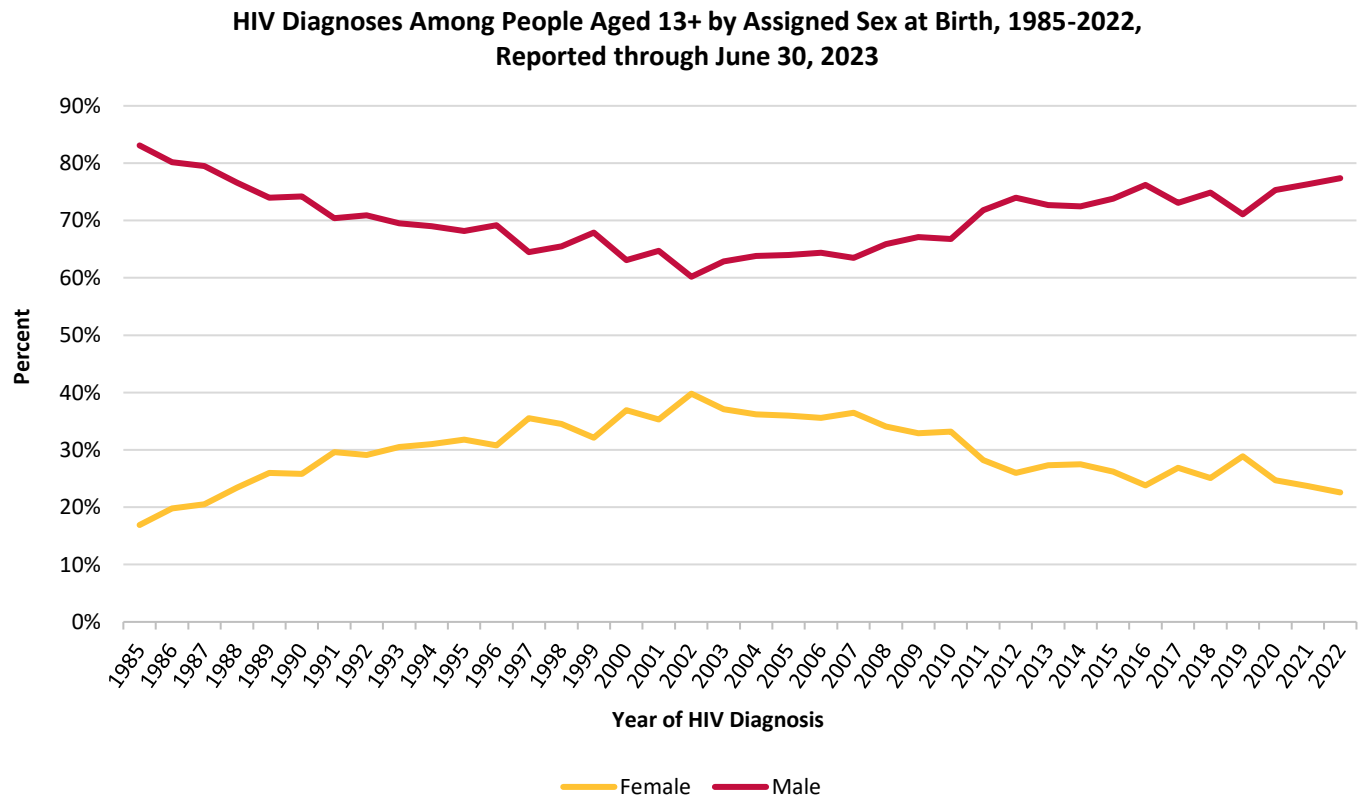
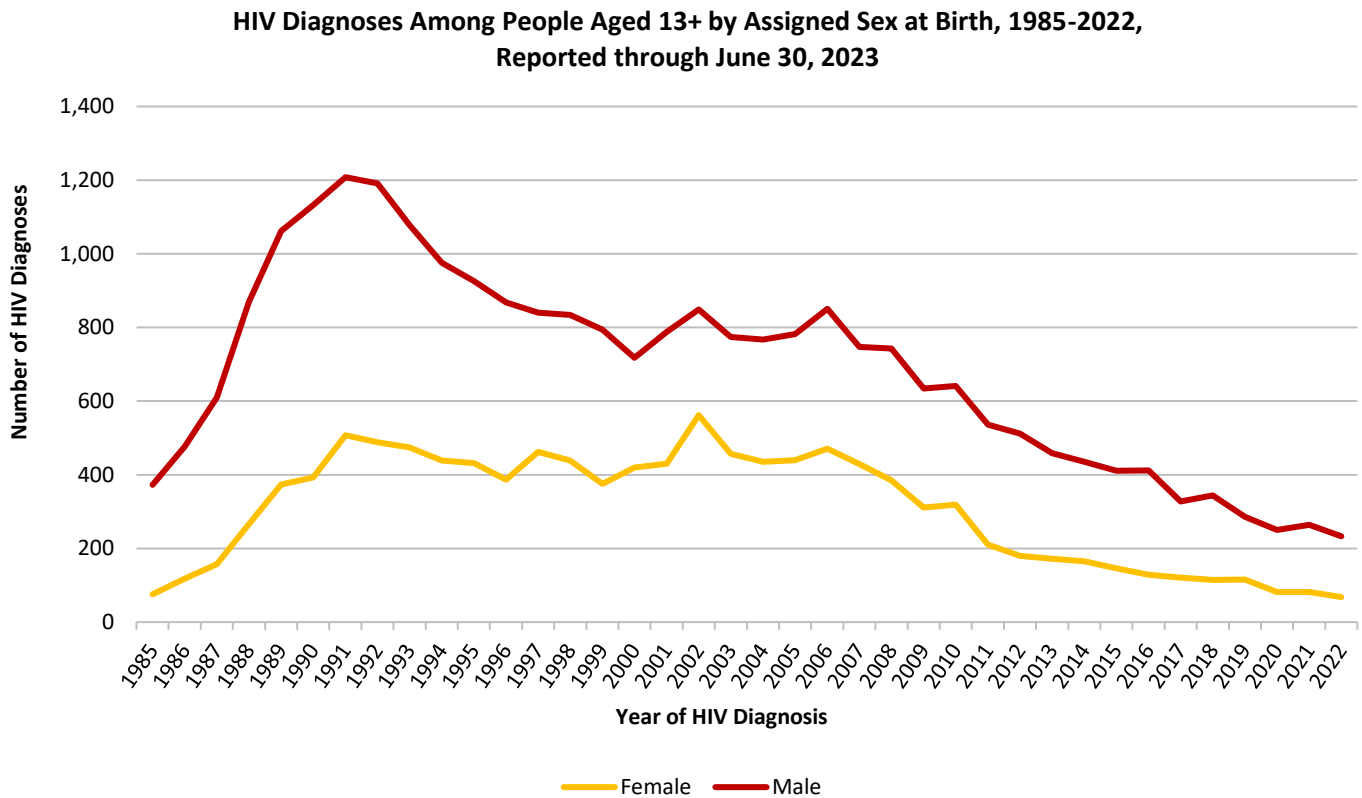
People Living with Diagnosed HIV in the Central Region and Not Reported to have Died as of December 31st of Each Year from 2013 through 2022, as Reported through June 30, 2023



Year	Population Aged 13+	Central Region Residents Aged 13+ as of December 31st of the Specified Year			
		Diagnosed with HIV in Maryland	Diagnosed with HIV Outside of Maryland	Total	Rate
2013	2,284,012	14,244	2,056	16,300	713.7
2014	2,295,862	13,798	2,087	15,885	691.9
2015	2,306,019	14,995	2,267	17,262	748.6
2016	2,310,712	14,788	2,231	17,019	736.5
2017	2,315,581	14,415	2,046	16,461	710.9
2018	2,318,969	13,224	1,923	15,147	653.2
2019	2,320,686	13,440	1,922	15,362	662.0
2020	2,355,592	13,603	1,960	15,563	660.7
2021	2,359,681	13,472	2,029	15,501	656.9
2022	2,354,880	14,411	2,234	16,645	706.8

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



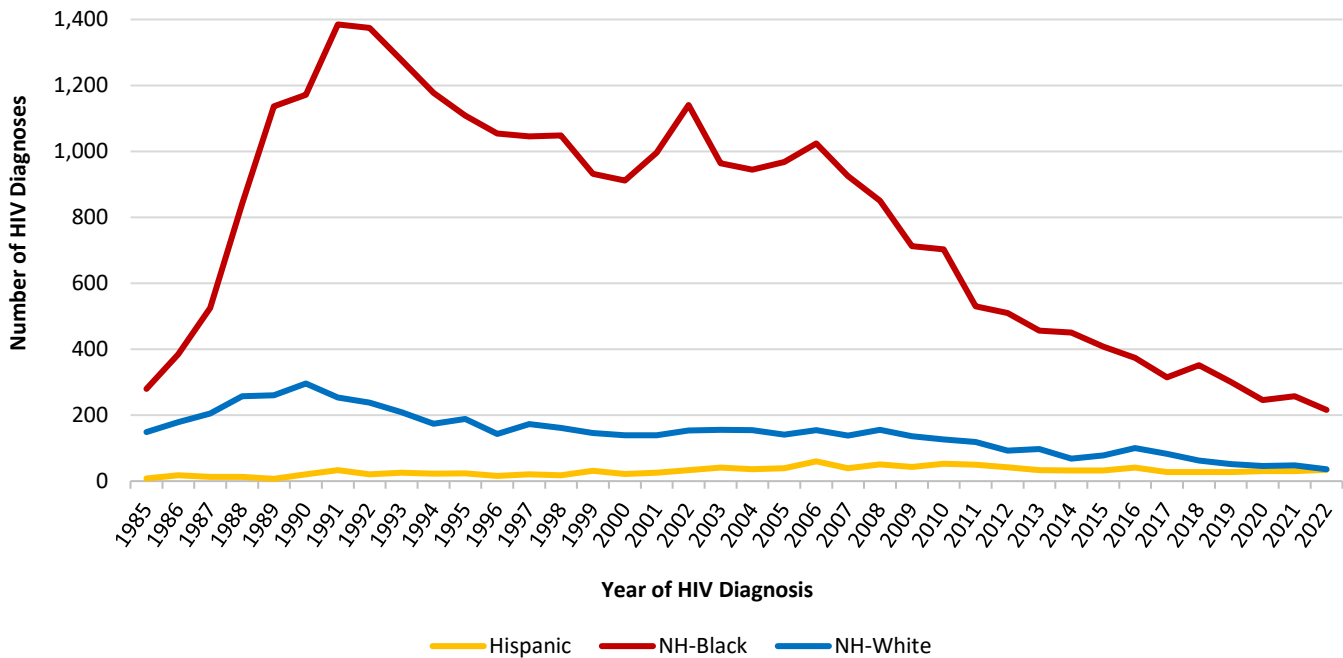
HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	Number	Assigned Sex at Birth			
		Female		Male	
		Number	Percent	Number	Percent
<1985	239	31	13.0%	208	87.0%
1985	449	76	16.9%	373	83.1%
1986	595	118	19.8%	477	80.2%
1987	767	157	20.5%	610	79.5%
1988	1,135	266	23.4%	869	76.6%
1989	1,436	374	26.0%	1,062	74.0%
1990	1,525	393	25.8%	1,132	74.2%
1991	1,715	507	29.6%	1,208	70.4%
1992	1,679	488	29.1%	1,191	70.9%
1993	1,552	474	30.5%	1,078	69.5%
1994	1,415	439	31.0%	976	69.0%
1995	1,358	432	31.8%	926	68.2%
1996	1,255	387	30.8%	868	69.2%
1997	1,302	462	35.5%	840	64.5%
1998	1,273	439	34.5%	834	65.5%
1999	1,169	375	32.1%	794	67.9%
2000	1,138	420	36.9%	718	63.1%
2001	1,218	430	35.3%	788	64.7%
2002	1,411	562	39.8%	849	60.2%
2003	1,231	457	37.1%	774	62.9%
2004	1,202	435	36.2%	767	63.8%
2005	1,222	440	36.0%	782	64.0%
2006	1,322	471	35.6%	851	64.4%
2007	1,176	429	36.5%	747	63.5%
2008	1,128	385	34.1%	743	65.9%
2009	945	311	32.9%	634	67.1%
2010	960	319	33.2%	641	66.8%
2011	746	210	28.2%	536	71.8%
2012	692	180	26.0%	512	74.0%
2013	631	172	27.3%	459	72.7%
2014	600	165	27.5%	435	72.5%
2015	557	146	26.2%	411	73.8%
2016	541	129	23.8%	412	76.2%
2017	449	121	26.9%	328	73.1%
2018	459	115	25.1%	344	74.9%
2019	402	116	28.9%	286	71.1%
2020	332	82	24.7%	250	75.3%
2021	346	82	23.7%	264	76.3%
2022	301	68	22.6%	233	77.4%
Total	37,873	11,663	30.8%	26,210	69.2%

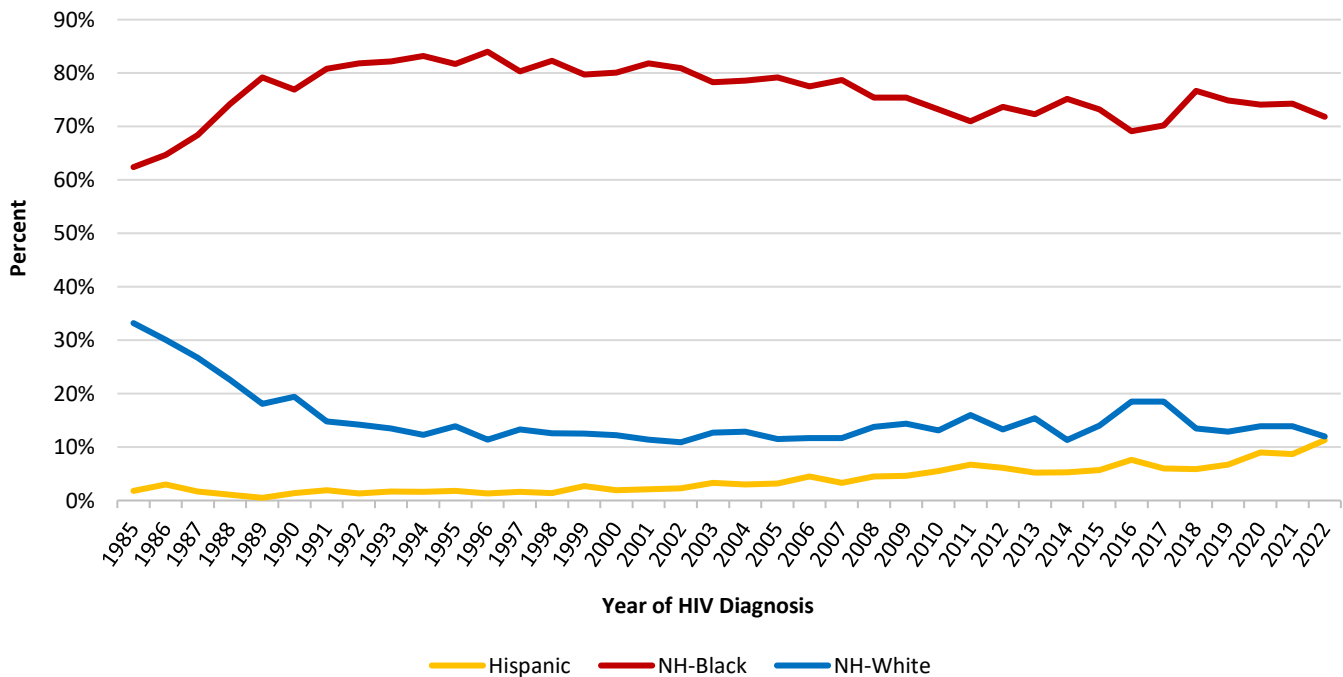
Figure 5 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Race/Ethnicity, 1985-2022, Reported through June 30, 2023

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

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



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



NH: Non-Hispanic

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

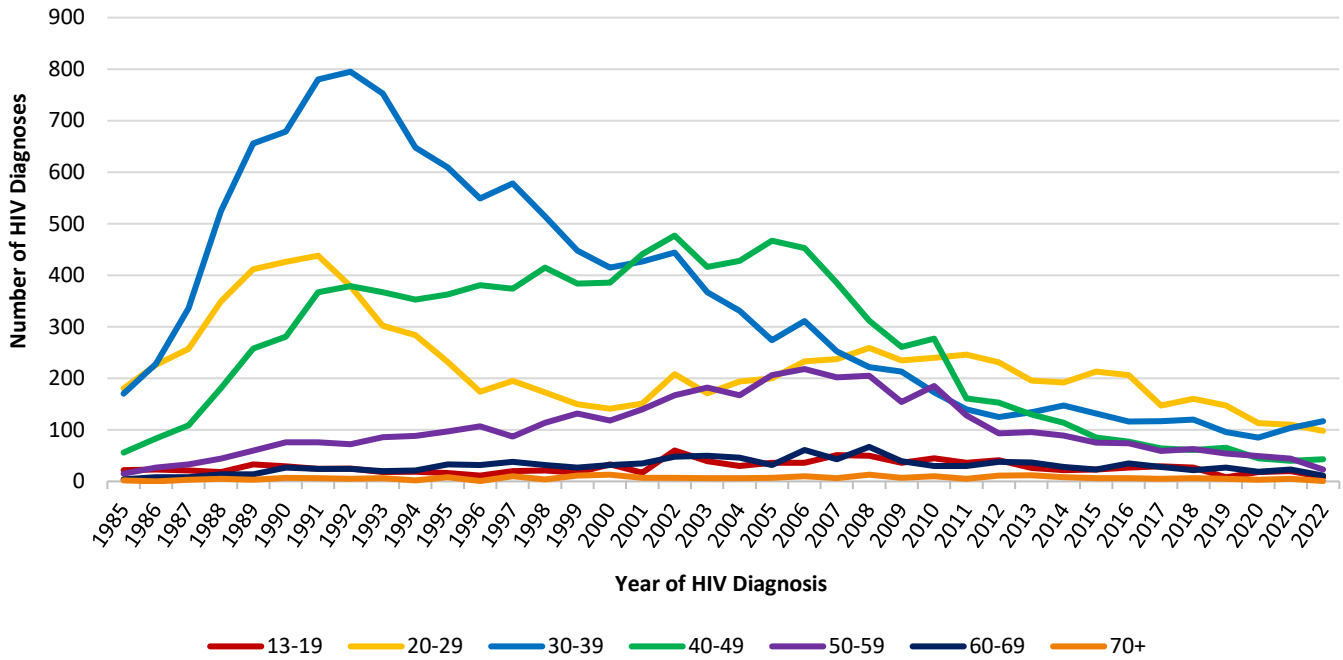
HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	No.	Race/Ethnicity							
		Hispanic		Non-Hispanic Black, only		Non-Hispanic White, only		Non-Hispanic Another Race	
		No.	%	No.	%	No.	%	No.	%
<1985	239	7	2.9%	131	54.8%	94	39.3%	7	2.9%
1985	449	8	1.8%	280	62.4%	149	33.2%	12	2.7%
1986	595	18	3.0%	385	64.7%	179	30.1%	13	2.2%
1987	767	13	1.7%	525	68.4%	205	26.7%	24	3.1%
1988	1,135	13	1.1%	842	74.2%	257	22.6%	23	2.0%
1989	1,436	7	0.5%	1,137	79.2%	260	18.1%	32	2.2%
1990	1,525	21	1.4%	1,172	76.9%	296	19.4%	36	2.4%
1991	1,715	33	1.9%	1,385	80.8%	254	14.8%	43	2.5%
1992	1,679	21	1.3%	1,374	81.8%	238	14.2%	46	2.7%
1993	1,552	26	1.7%	1,276	82.2%	209	13.5%	41	2.6%
1994	1,415	23	1.6%	1,177	83.2%	174	12.3%	41	2.9%
1995	1,358	24	1.8%	1,109	81.7%	189	13.9%	36	2.7%
1996	1,255	16	1.3%	1,054	84.0%	143	11.4%	42	3.3%
1997	1,302	21	1.6%	1,045	80.3%	173	13.3%	63	4.8%
1998	1,273	18	1.4%	1,048	82.3%	161	12.6%	46	3.6%
1999	1,169	31	2.7%	932	79.7%	146	12.5%	60	5.1%
2000	1,138	22	1.9%	912	80.1%	139	12.2%	65	5.7%
2001	1,218	26	2.1%	996	81.8%	139	11.4%	57	4.7%
2002	1,411	33	2.3%	1,141	80.9%	154	10.9%	83	5.9%
2003	1,231	41	3.3%	964	78.3%	156	12.7%	70	5.7%
2004	1,202	36	3.0%	945	78.6%	155	12.9%	66	5.5%
2005	1,222	39	3.2%	968	79.2%	141	11.5%	74	6.1%
2006	1,322	60	4.5%	1,024	77.5%	155	11.7%	83	6.3%
2007	1,176	39	3.3%	925	78.7%	138	11.7%	74	6.3%
2008	1,128	51	4.5%	850	75.4%	156	13.8%	71	6.3%
2009	945	43	4.6%	713	75.4%	136	14.4%	53	5.6%
2010	960	53	5.5%	703	73.2%	126	13.1%	78	8.1%
2011	746	50	6.7%	530	71.0%	119	16.0%	47	6.3%
2012	692	42	6.1%	510	73.7%	92	13.3%	48	6.9%
2013	631	33	5.2%	456	72.3%	97	15.4%	45	7.1%
2014	600	32	5.3%	451	75.2%	68	11.3%	49	8.2%
2015	557	32	5.7%	408	73.2%	78	14.0%	39	7.0%
2016	541	41	7.6%	374	69.1%	100	18.5%	26	4.8%
2017	449	27	6.0%	315	70.2%	83	18.5%	24	5.3%
2018	459	27	5.9%	352	76.7%	62	13.5%	18	3.9%
2019	402	27	6.7%	301	74.9%	52	12.9%	22	5.5%
2020	332	30	9.0%	246	74.1%	46	13.9%	10	3.0%
2021	346	30	8.7%	257	74.3%	48	13.9%	11	3.2%
2022	301	34	11.3%	216	71.8%	36	12.0%	15	5.0%
Total	37,873	1,148	3.0%	29,429	77.7%	5,603	14.8%	1,693	4.5%

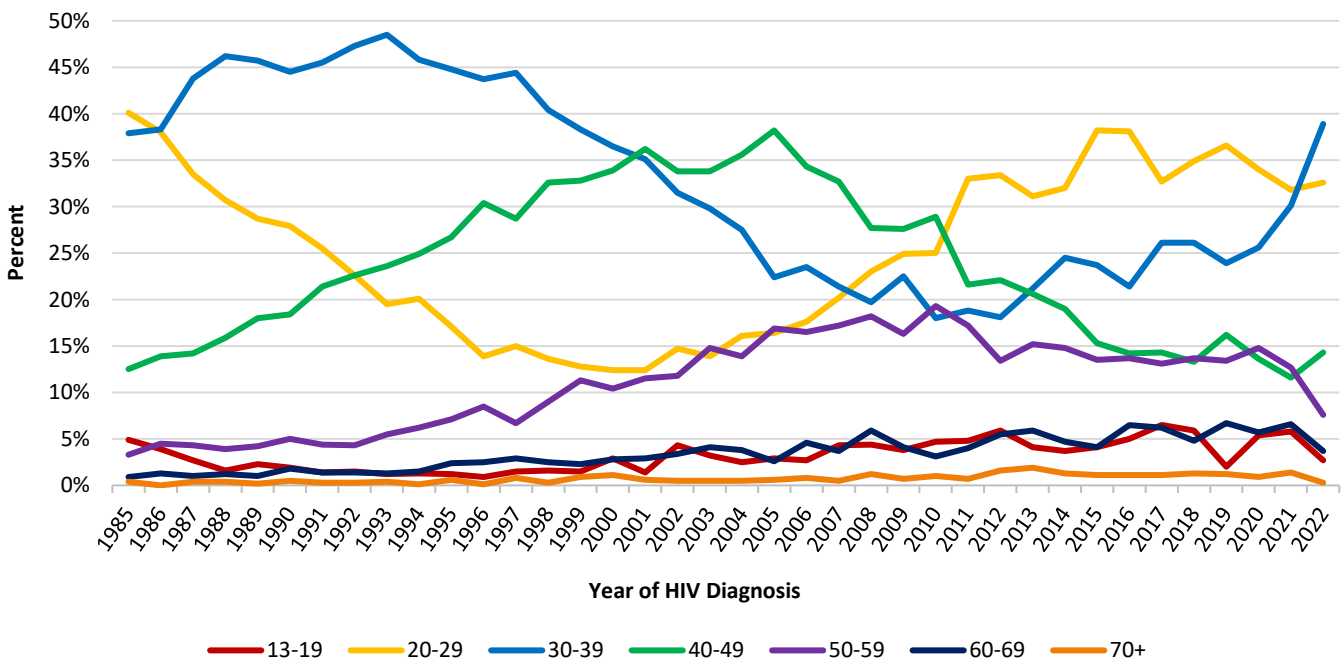
Figure 6 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Age at HIV Diagnosis, 1985-2022, Reported through June 30, 2023

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

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



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

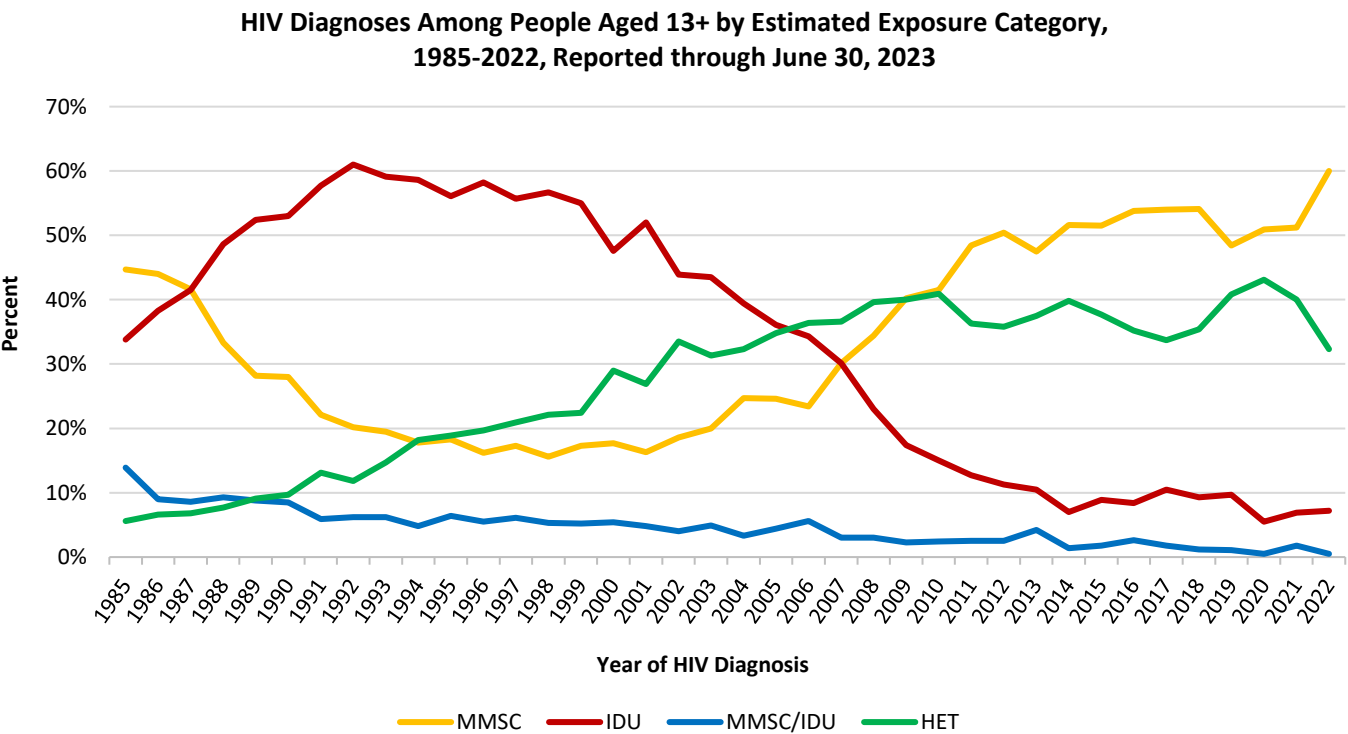
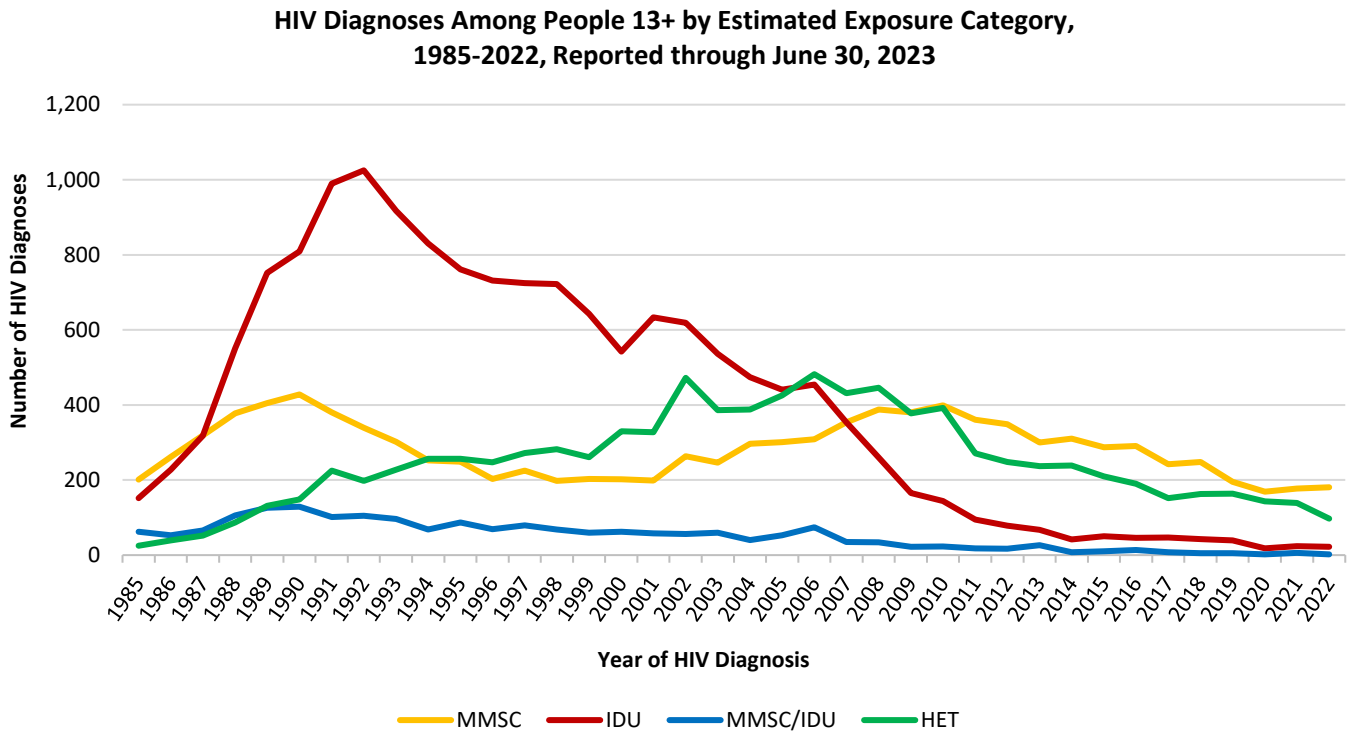


HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	No.	Age at HIV Diagnosis													
		13-19		20-29		30-39		40-49		50-59		60-69		70+	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<1985	239	18	7.5%	103	43.1%	71	29.7%	32	13.4%	14	5.9%	1	0.4%	0	0.0%
1985	449	22	4.9%	180	40.1%	170	37.9%	56	12.5%	15	3.3%	4	0.9%	2	0.4%
1986	595	23	3.9%	226	38.0%	228	38.3%	83	13.9%	27	4.5%	8	1.3%	0	0.0%
1987	767	21	2.7%	257	33.5%	336	43.8%	109	14.2%	33	4.3%	8	1.0%	3	0.4%
1988	1,135	18	1.6%	349	30.7%	524	46.2%	181	15.9%	44	3.9%	14	1.2%	5	0.4%
1989	1,436	33	2.3%	412	28.7%	656	45.7%	258	18.0%	60	4.2%	14	1.0%	3	0.2%
1990	1,525	29	1.9%	426	27.9%	679	44.5%	281	18.4%	76	5.0%	27	1.8%	7	0.5%
1991	1,715	24	1.4%	438	25.5%	780	45.5%	367	21.4%	76	4.4%	24	1.4%	6	0.3%
1992	1,679	25	1.5%	379	22.6%	795	47.3%	379	22.6%	72	4.3%	24	1.4%	5	0.3%
1993	1,552	18	1.2%	302	19.5%	753	48.5%	367	23.6%	86	5.5%	20	1.3%	6	0.4%
1994	1,415	19	1.3%	284	20.1%	648	45.8%	353	24.9%	88	6.2%	21	1.5%	2	0.1%
1995	1,358	16	1.2%	232	17.1%	609	44.8%	363	26.7%	97	7.1%	33	2.4%	8	0.6%
1996	1,255	11	0.9%	174	13.9%	549	43.7%	381	30.4%	107	8.5%	32	2.5%	1	0.1%
1997	1,302	20	1.5%	195	15.0%	578	44.4%	374	28.7%	87	6.7%	38	2.9%	10	0.8%
1998	1,273	21	1.6%	173	13.6%	514	40.4%	415	32.6%	114	9.0%	32	2.5%	4	0.3%
1999	1,169	17	1.5%	150	12.8%	448	38.3%	384	32.8%	132	11.3%	27	2.3%	11	0.9%
2000	1,138	33	2.9%	141	12.4%	415	36.5%	386	33.9%	118	10.4%	32	2.8%	13	1.1%
2001	1,218	17	1.4%	151	12.4%	427	35.1%	441	36.2%	140	11.5%	35	2.9%	7	0.6%
2002	1,411	60	4.3%	208	14.7%	444	31.5%	477	33.8%	167	11.8%	48	3.4%	7	0.5%
2003	1,231	39	3.2%	171	13.9%	367	29.8%	416	33.8%	182	14.8%	50	4.1%	6	0.5%
2004	1,202	30	2.5%	194	16.1%	331	27.5%	428	35.6%	167	13.9%	46	3.8%	6	0.5%
2005	1,222	36	2.9%	200	16.4%	274	22.4%	467	38.2%	206	16.9%	32	2.6%	7	0.6%
2006	1,322	36	2.7%	233	17.6%	311	23.5%	453	34.3%	218	16.5%	61	4.6%	10	0.8%
2007	1,176	51	4.3%	237	20.2%	252	21.4%	385	32.7%	202	17.2%	43	3.7%	6	0.5%
2008	1,128	50	4.4%	259	23.0%	222	19.7%	312	27.7%	205	18.2%	67	5.9%	13	1.2%
2009	945	36	3.8%	235	24.9%	213	22.5%	261	27.6%	154	16.3%	39	4.1%	7	0.7%
2010	960	45	4.7%	240	25.0%	173	18.0%	277	28.9%	185	19.3%	30	3.1%	10	1.0%
2011	746	36	4.8%	246	33.0%	140	18.8%	161	21.6%	128	17.2%	30	4.0%	5	0.7%
2012	692	41	5.9%	231	33.4%	125	18.1%	153	22.1%	93	13.4%	38	5.5%	11	1.6%
2013	631	26	4.1%	196	31.1%	134	21.2%	130	20.6%	96	15.2%	37	5.9%	12	1.9%
2014	600	22	3.7%	192	32.0%	147	24.5%	114	19.0%	89	14.8%	28	4.7%	8	1.3%
2015	557	23	4.1%	213	38.2%	132	23.7%	85	15.3%	75	13.5%	23	4.1%	6	1.1%
2016	541	27	5.0%	206	38.1%	116	21.4%	77	14.2%	74	13.7%	35	6.5%	6	1.1%
2017	449	29	6.5%	147	32.7%	117	26.1%	64	14.3%	59	13.1%	28	6.2%	5	1.1%
2018	459	27	5.9%	160	34.9%	120	26.1%	61	13.3%	63	13.7%	22	4.8%	6	1.3%
2019	402	8	2.0%	147	36.6%	96	23.9%	65	16.2%	54	13.4%	27	6.7%	5	1.2%
2020	332	18	5.4%	113	34.0%	85	25.6%	45	13.6%	49	14.8%	19	5.7%	3	0.9%
2021	346	20	5.8%	110	31.8%	104	30.1%	40	11.6%	44	12.7%	23	6.6%	5	1.4%
2022	301	8	2.7%	98	32.6%	117	38.9%	43	14.3%	23	7.6%	11	3.7%	1	0.3%
Total	37,873	1,053	2.8%	8,608	22.7%	13,200	34.9%	9,724	25.7%	3,919	10.3%	1,131	3.0%	238	0.6%

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

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



Other exposure category not shown.

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

HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	No.	% with No Reported Exposure ^x	Estimated Exposure Category [§]									
			MMSC		IDU		MMSC/IDU		HET		Other Exposure	
			No.	%	No.	%	No.	%	No.	%	No.	%
<1985	239	2.5%	132	55.3%	63	26.3%	27	11.1%	8	3.5%	9	3.8%
1985	449	4.2%	201	44.7%	152	33.8%	62	13.9%	25	5.6%	9	2.0%
1986	595	2.9%	262	44.0%	228	38.3%	53	9.0%	39	6.6%	13	2.2%
1987	767	2.7%	319	41.6%	318	41.5%	66	8.6%	52	6.8%	12	1.6%
1988	1,135	2.9%	378	33.3%	551	48.6%	106	9.3%	87	7.7%	13	1.1%
1989	1,436	2.4%	405	28.2%	752	52.4%	126	8.8%	131	9.1%	22	1.5%
1990	1,525	3.9%	428	28.0%	809	53.0%	129	8.5%	148	9.7%	12	0.8%
1991	1,715	3.7%	380	22.1%	990	57.7%	101	5.9%	225	13.1%	19	1.1%
1992	1,679	4.5%	339	20.2%	1,025	61.0%	105	6.2%	198	11.8%	12	0.7%
1993	1,552	2.7%	302	19.5%	917	59.1%	96	6.2%	228	14.7%	9	0.6%
1994	1,415	3.7%	252	17.8%	830	58.6%	68	4.8%	257	18.2%	9	0.6%
1995	1,358	4.1%	249	18.3%	761	56.1%	87	6.4%	257	18.9%	4	0.3%
1996	1,255	4.1%	203	16.2%	731	58.2%	69	5.5%	247	19.7%	5	0.4%
1997	1,302	5.9%	225	17.3%	725	55.7%	79	6.1%	272	20.9%	1	0.1%
1998	1,273	5.1%	198	15.6%	722	56.7%	68	5.3%	282	22.1%	4	0.3%
1999	1,169	6.8%	203	17.3%	643	55.0%	60	5.2%	261	22.4%	2	0.2%
2000	1,138	6.8%	202	17.7%	542	47.6%	62	5.4%	330	29.0%	2	0.2%
2001	1,218	7.6%	199	16.3%	633	52.0%	58	4.8%	327	26.9%	1	0.1%
2002	1,411	10.0%	263	18.6%	619	43.9%	56	4.0%	472	33.5%	1	0.1%
2003	1,231	9.1%	246	20.0%	536	43.5%	60	4.9%	386	31.3%	3	0.2%
2004	1,202	9.9%	297	24.7%	474	39.4%	40	3.3%	388	32.3%	3	0.2%
2005	1,222	14.3%	301	24.6%	441	36.1%	53	4.4%	425	34.8%	2	0.2%
2006	1,322	18.6%	309	23.4%	454	34.3%	74	5.6%	482	36.4%	3	0.2%
2007	1,176	19.0%	354	30.1%	354	30.1%	35	3.0%	431	36.6%	2	0.2%
2008	1,128	25.9%	388	34.4%	260	23.0%	34	3.0%	446	39.6%	1	0.1%
2009	945	26.5%	380	40.2%	165	17.4%	22	2.3%	378	40.0%	0	0.0%
2010	960	28.8%	399	41.5%	144	15.0%	23	2.4%	392	40.9%	2	0.2%
2011	746	22.8%	361	48.4%	95	12.7%	18	2.5%	271	36.3%	1	0.1%
2012	692	16.9%	349	50.4%	78	11.3%	17	2.5%	248	35.8%	0	0.0%
2013	631	10.6%	300	47.5%	67	10.5%	26	4.2%	237	37.5%	2	0.3%
2014	600	8.5%	310	51.6%	42	7.0%	8	1.4%	239	39.8%	1	0.2%
2015	557	4.8%	287	51.5%	50	8.9%	10	1.8%	210	37.7%	0	0.0%
2016	541	12.6%	291	53.8%	46	8.4%	14	2.6%	190	35.2%	0	0.0%
2017	449	10.2%	242	54.0%	47	10.5%	8	1.8%	152	33.7%	0	0.0%
2018	459	12.4%	248	54.1%	43	9.3%	5	1.2%	163	35.4%	0	0.0%
2019	402	10.0%	195	48.4%	39	9.7%	5	1.1%	164	40.8%	0	0.0%
2020	332	8.1%	169	50.9%	18	5.5%	2	0.5%	143	43.1%	0	0.0%
2021	346	11.0%	177	51.2%	24	6.9%	6	1.8%	139	40.0%	0	0.0%
2022	301	18.3%	181	60.0%	22	7.2%	2	0.5%	97	32.3%	0	0.0%
Total	37,873	9.3%	10,924	28.8%	15,410	40.7%	1,940	5.1%	9,427	24.9%	179	0.5%

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

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

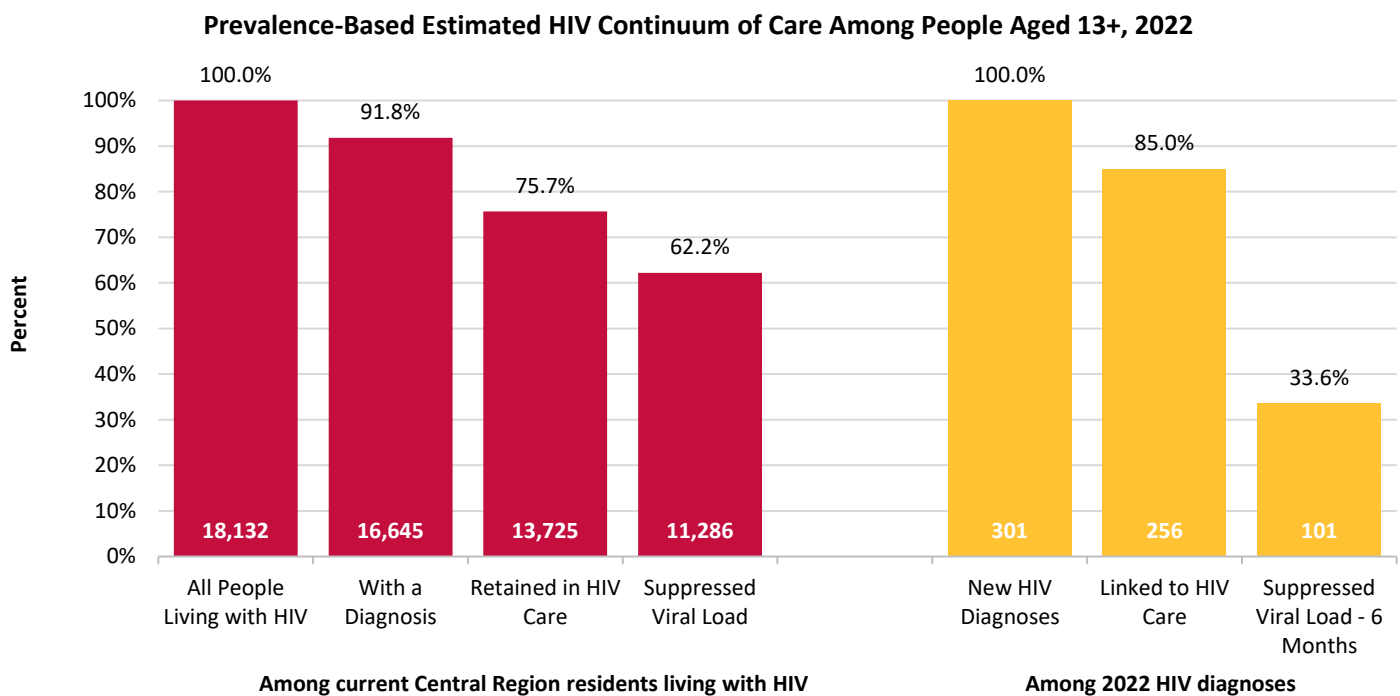
Note. Discrepancies in the table between total HIV diagnoses and the sums by exposure category are due to less than 1 percent of people missing transmission category after multiple imputation.

Section III – Continuum of Care Cascades

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

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

The prevalence-based Central Region Engagement in HIV Care Cascades (below) apply the CDC CD4 depletion model to Maryland surveillance data, reported through June 30, 2023, to estimate the number of people living with undiagnosed HIV (8.2%) and the estimated number of people living with HIV currently residing in the Central Region. Maryland surveillance data is then used to describe the number and percentage of people living with HIV in the Central Region on December 31, 2022 and the number and percentage of new HIV diagnoses in 2022 who belong to each of the stages of engagement in HIV care.

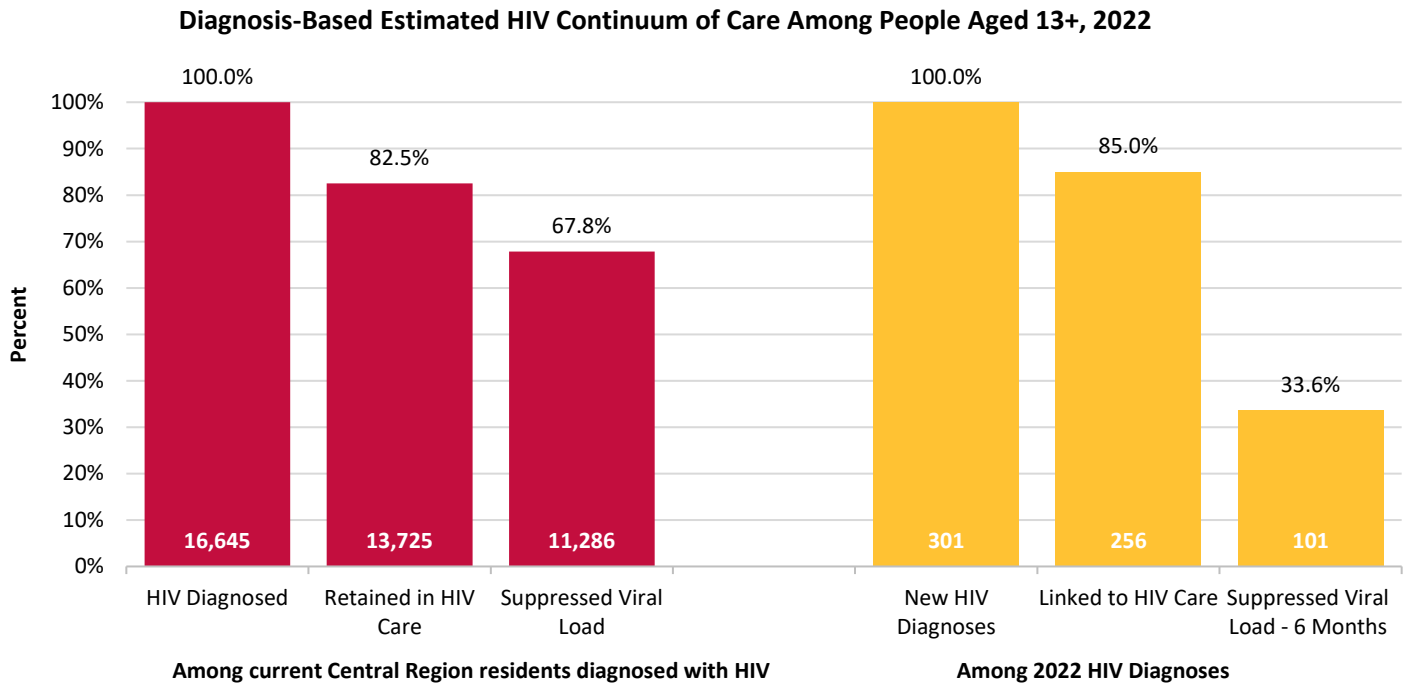


Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2022 HIV Diagnoses	
	Number	Percent		Number	Percent
All People Living with HIV	18,132	100.0%	New HIV Diagnoses	301	100.0%
With a Diagnosis	16,645	91.8%	Linked to HIV Care	256	85.0%
Retained in HIV Care	13,725	75.7%	Suppressed Viral Load – 6 Months	101	33.6%
Suppressed Viral Load	11,286	62.2%			

¹ Gardner et al, “The Spectrum of Engagement in HIV Care and its Relevance to Test-and-Treat Strategies for Prevention of HIV Infection.” *Clin Infect Dis*. 2011; 52 (6): 793-800.

Figure 9 – Diagnosis-Based Estimated 2022 HIV Continuum of Care Cascades, among Current Central Region Residents Aged 13+, Reported through June 30, 2023

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



Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2022 HIV Diagnoses	
	Number	Percent		Number	Percent
HIV Diagnosed	16,645	100.0%	New HIV Diagnoses	301	100.0%
Retained in HIV Care	13,725	82.5%	Linked to HIV Care	256	85.0%
Suppressed Viral Load	11,286	67.8%	Suppressed Viral Load – 6 Months	101	33.6%

Section IV – By Jurisdiction

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

Jurisdiction of Residence at Diagnosis	Population Aged 13+	HIV Diagnoses among People Aged 13+			AIDS Diagnoses among People Aged 13+		
		No.	% of Total	Rate	No.	% of Total	Rate
Anne Arundel	499,060	25	8.3%	5.0	22	12.8%	4.4
Baltimore City	485,365	158	52.5%	32.6	93	54.1%	19.2
Baltimore	717,811	83	27.6%	11.6	33	19.2%	4.6
Carroll	148,583	3	1.0%	2.0	3	1.7%	2.0
Harford	223,232	12	4.0%	5.4	8	4.7%	3.6
Howard	280,829	20	6.6%	7.1	13	7.6%	4.6
Total	2,354,880	301	100.0%	12.8	172	100.0%	7.3

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	
Anne Arundel	25	80.0%	20.0%	32.0%	100.0%	367	
Baltimore City	158	86.1%	38.6%	15.8%	96.8%	442	
Baltimore	83	86.7%	28.9%	16.9%	97.6%	333	
Carroll	3	***	***	***	***	***	
Harford	12	***	***	***	***	***	
Howard	20	80.0%	45.0%	35.0%	100.0%	433	
Total	301	85.0%	33.6%	19.9%	97.7%	394	

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

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

Jurisdiction of Residence	Population Aged 13+	Total People Aged 13+ Living with Diagnosed HIV								
		Residence at Diagnosis				Current Residence				% Change
No.	% of Total	Rate	Ratio (1 in X)	No.	% of Total	Rate	Ratio (1 in X)			
Anne Arundel	499,060	1,348	7.6%	270.1	370	1,416	8.5%	283.7	352	5.0%
Baltimore City	485,365	11,742	66.2%	2,419.2	41	9,971	59.9%	2,054.3	49	-15.1%
Baltimore	717,811	3,354	18.9%	467.3	214	3,787	22.8%	527.6	190	12.9%
Carroll	148,583	160	0.9%	107.7	929	160	1.0%	107.7	929	0.0%
Harford	223,232	468	2.6%	209.6	477	545	3.3%	244.1	410	16.5%
Howard	280,829	667	3.8%	237.5	421	766	4.6%	272.8	367	14.8%
Total	2,354,880	17,739	100.0%	753.3	133	16,645	100.0%	706.8	141	-6.2%

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					
Anne Arundel	1,416	1,067	75.4%	669	6.0%	9.0%	15.7%	69.4%	
Baltimore City	9,971	7,555	75.8%	633	8.4%	10.9%	15.0%	65.8%	
Baltimore	3,787	2,811	74.2%	666	5.3%	9.7%	15.8%	69.2%	
Carroll	160	123	76.9%	672	6.5%	8.1%	15.4%	69.9%	
Harford	545	372	68.3%	675	6.7%	11.6%	12.6%	69.1%	
Howard	766	588	76.8%	659	5.6%	9.7%	13.6%	71.1%	
Total	16,645	12,516	75.2%	645	7.3%	10.4%	15.1%	67.2%	

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

Jurisdiction of Current Residence	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
Anne Arundel	1,416	1,037	73.2%	91.4%	9,430
Baltimore City	9,971	7,711	77.3%	88.0%	6,710
Baltimore	3,787	2,869	75.8%	90.0%	8,620
Carroll	160	127	79.4%	94.5%	5,500
Harford	545	368	67.5%	88.0%	2,635
Howard	766	581	75.8%	91.0%	3,240
Total	16,645	12,693	76.3%	88.9%	7,110

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)	157,837	3	1.0%	1.9	***	***	***	***	***
5-12 (Pediatric)	271,244	1	0.3%	0.4	***	***	***	***	***
13-19	242,616	8	2.6%	3.3	87.5%	***	***	100.0%	378
20-29	353,843	98	32.1%	27.7	81.6%	37.8%	11.2%	99.0%	414
30-39	401,948	117	38.4%	29.1	85.5%	34.2%	20.5%	95.7%	451
40-49	342,904	43	14.1%	12.5	88.4%	30.2%	23.3%	100.0%	374
50-59	359,909	23	7.5%	6.4	87.0%	21.7%	39.1%	95.7%	332
60-69	334,590	11	3.6%	3.3	90.9%	***	***	100.0%	231
70+	319,070	1	0.3%	0.3	***	***	***	***	***
Total	2,783,961	305	100.0%	11.0	85.2%	33.8%	20.0%	97.7%	395
Alternate Age Categories									
13-24	415,101	54	17.9%	13.0	83.3%	***	***	100.0%	439
25-34	384,365	113	37.5%	29.4	84.1%	35.4%	18.6%	95.6%	385
35-44	382,052	75	24.9%	19.6	86.7%	36.0%	22.7%	98.7%	416
45-54	334,711	37	12.3%	11.1	83.8%	21.6%	32.4%	97.3%	354
55-64	367,059	16	5.3%	4.4	93.8%	31.3%	31.3%	100.0%	358
65+	471,592	6	2.0%	1.3	83.3%	***	***	100.0%	206
Total	2,354,880	301	100.0%	12.8	85.2%	33.8%	20.0%	97.7%	395

*** 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)	157,837	4	0.0%	2.5	39,459
5-12 (Pediatric)	271,244	12	0.1%	4.4	22,604
13-19	242,616	51	0.3%	21.0	4,757
20-29	353,843	1,068	6.4%	301.8	331
30-39	401,948	3,051	18.3%	759.1	132
40-49	342,904	2,906	17.4%	847.5	118
50-59	359,909	4,464	26.8%	1,240.3	81
60-69	334,590	3,940	23.6%	1,177.6	85
70+	319,070	1,165	7.0%	365.1	274
Total	2,783,961	16,661	100.0%	598.5	167
Alternate Age Categories					
13-24	415,101	368	2.2%	88.7	1,128
25-34	384,365	2,174	13.1%	565.6	177
35-44	382,052	3,096	18.6%	810.4	123
45-54	334,711	3,357	20.2%	1,003.0	100
55-64	367,059	4,952	29.8%	1,349.1	74
65+	471,592	2,698	16.2%	572.1	175
Total	2,354,880	16,645	100.0%	706.8	141

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

Age on December 31, 2022	Total People Aged 13+ Living with Diagnosed HIV							
	No.	Recent CD4 Test Results						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
13-19	51	44	86.3%	697	2.3%	4.5%	6.8%	86.4%
20-29	1,068	830	77.7%	680	6.5%	7.7%	13.1%	72.7%
30-39	3,051	2,260	74.1%	670	8.2%	9.0%	13.0%	69.7%
40-49	2,906	2,090	71.9%	663	6.9%	8.7%	16.2%	68.2%
50-59	4,464	3,345	74.9%	647	7.4%	10.9%	14.4%	67.2%
60-69	3,940	3,050	77.4%	621	7.3%	11.7%	16.2%	64.8%
70+	1,165	897	77.0%	578	6.6%	14.3%	18.2%	61.0%
Total	16,645	12,516	75.2%	645	7.3%	10.4%	15.1%	67.2%
Alternate Age Categories								
13-24	368	309	84.0%	690	1.6%	6.8%	11.7%	79.9%
25-34	2,174	1,628	74.9%	668	8.5%	8.9%	13.0%	69.6%
35-44	3,096	2,258	72.9%	673	7.5%	8.7%	14.4%	69.4%
45-54	3,357	2,447	72.9%	657	7.4%	10.0%	15.3%	67.3%
55-64	4,952	3,770	76.1%	635	7.3%	11.1%	15.2%	66.3%
65+	2,698	2,104	78.0%	601	6.9%	13.1%	17.3%	62.7%
Total	16,645	12,516	75.2%	645	7.3%	10.4%	15.1%	67.2%

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

Age on December 31, 2022	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
13-19	51	43	84.3%	81.4%	2,210
20-29	1,068	841	78.7%	78.8%	16,050
30-39	3,051	2,290	75.1%	83.2%	8,245
40-49	2,906	2,171	74.7%	88.1%	11,750
50-59	4,464	3,434	76.9%	90.9%	6,130
60-69	3,940	3,074	78.0%	92.5%	2,930
70+	1,165	840	72.1%	95.7%	1,745
Total	16,645	12,693	76.3%	88.9%	7,110
Alternate Age Categories					
13-24	368	308	83.7%	81.8%	8,455
25-34	2,174	1,645	75.7%	81.3%	8,935
35-44	3,096	2,315	74.8%	84.8%	9,020
45-54	3,357	2,519	75.0%	89.6%	7,570
55-64	4,952	3,881	78.4%	92.3%	4,240
65+	2,698	2,025	75.1%	93.7%	2,240
Total	16,645	12,693	76.3%	88.9%	7,110

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	1,228,568	68	22.6%	5.5	82.4%	36.8%	20.6%	98.5%	390
Male	1,126,313	233	77.4%	20.7	85.8%	32.6%	19.7%	97.4%	395
Gender Identity									
Cisgender Man or Boy	1,126,313	219	72.8%	19.4	87.2%	31.5%	21.0%	97.7%	385
Cisgender Woman or Girl	1,228,568	67	22.3%	5.5	82.1%	35.8%	20.9%	98.5%	384
Transgender Man or Boy	--	1	0.3%	0.0	***	***	***	***	***
Transgender Woman or Girl	--	14	4.7%	0.0	***	***	***	***	***
Another Gender Identity	--	0	0.0%	0.0	--	--	--	--	--
Race/Ethnicity									
Hispanic	142,877	34	11.3%	23.8	79.4%	32.4%	32.4%	100.0%	315
Non-Hispanic	2,212,003	267	88.7%	12.1	85.8%	33.7%	18.4%	97.4%	398
American Indian/Alaska Native, only	5,899	0	0.0%	0.0	--	--	--	--	--
Asian, only	149,954	6	2.0%	4.0	***	***	***	***	***
Black, only	703,003	216	71.8%	30.7	84.7%	34.3%	17.6%	96.8%	399
Native Hawaiian/Other Pacific Islander, only	1,180	1	0.3%	84.8	***	***	***	***	***
White, only	1,302,480	36	12.0%	2.8	91.7%	22.2%	19.4%	100.0%	346
Multiracial/Another Race	49,488	8	2.7%	16.2	75.0%	62.5%	***	100.0%	468
Total	2,354,880	301	100.0%	12.8	85.0%	33.6%	19.9%	97.7%	394
Country of Birth									
United States	2,041,342	268	89.0%	13.1	85.1%	32.5%	18.7%	97.4%	396
Foreign-Born	274,913	26	8.6%	9.5	84.6%	46.2%	26.9%	100.0%	352
Africa	--	7	2.3%	--	71.4%	***	***	100.0%	257
Asia	--	3	1.0%	--	***	***	***	***	***
Caribbean	--	1	0.3%	--	***	***	***	***	***
Central America	--	11	3.7%	--	90.9%	45.5%	***	100.0%	336
Other	--	4	1.3%	--	***	***	***	***	***
Unknown	--	7	2.3%	--	85.7%	***	***	100.0%	269
Total	2,316,255	301	100.0%	13.0	85.0%	33.6%	19.9%	97.7%	394

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	69,357	4	5.9%	5.8	73,520	30	12.9%	40.8
Non-Hispanic	1,159,210	64	94.1%	5.5	1,052,793	203	87.1%	19.3
American Indian/Alaska Native, only	3,073	0	0.0%	0.0	2,826	0	0.0%	0.0
Asian, only	78,358	0	0.0%	0.0	71,596	6	2.6%	8.4
Black, only	386,613	53	77.9%	13.7	316,390	163	70.0%	51.5
Native Hawaiian/Other Pacific Islander, only	661	***	***	***	519	***	***	***
White, only	664,458	8	11.8%	1.2	638,021	28	12.0%	4.4
Multiracial/Another Race	26,047	***	***	***	23,442	***	***	***
Total	1,228,568	68	100.0%	5.5	1,126,313	233	100.0%	20.7

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

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

Table 12 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2022, by Assigned Sex at Birth, Gender Identity, Race/Ethnicity, and Country of Birth, Reported through June 30, 2023

Demographic Characteristics	Population Aged 13+	Total People Aged 13+ Living with Diagnosed HIV			
		No.	% of Total	Rate	Ratio (1 in X)
Assigned Sex at Birth					
Female	1,228,568	5,681	34.1%	462.4	216
Male	1,126,313	10,964	65.9%	973.4	103
Gender Identity					
Cisgender Man or Boy	1,126,313	10,753	64.6%	954.7	105
Cisgender Woman or Girl	1,228,568	5,668	34.1%	461.4	217
Transgender Man or Boy	--	12	0.1%	--	--
Transgender Woman or Girl	--	212	1.3%	--	--
Another Gender Identity	--	0	0.0%	--	--
Race/Ethnicity					
Hispanic	142,877	920	5.5%	643.9	155
Non-Hispanic	2,212,003	15,725	94.5%	710.9	141
American Indian/Alaska Native, only	5,899	6	0.0%	101.7	983
Asian, only	149,954	118	0.7%	78.7	1,271
Black, only	703,003	12,590	75.6%	1,790.9	56
Native Hawaiian/Other Pacific Islander, only	1,180	2	0.0%	169.5	590
White, only	1,302,480	2,058	12.4%	158.0	633
Multiracial/Another Race	49,488	951	5.7%	1,921.7	52
Total	2,354,880	16,645	100.0%	706.8	141
Country of Birth					
United States	2,041,342	15,056	90.5%	737.6	136
Foreign-Born	274,913	1,174	7.1%	427.0	234
Africa	--	636	3.8%	--	--
Asia	--	106	0.6%	--	--
Caribbean	--	94	0.6%	--	--
Central America	--	221	1.3%	--	--
Other	--	117	0.7%	--	--
Unknown	--	415	2.5%	--	--
Total	2,316,255	16,645	100.0%	718.6	139

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

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

Total People Aged 13+ Living with Diagnosed HIV								
Race/Ethnicity	Assigned Sex at Birth							
	Female				Male			
	Population 13+	No.	% of Total	Rate	Population 13+	No.	% of Total	Rate
Hispanic	69,357	213	3.7%	307.1	73,520	707	6.4%	961.6
Non-Hispanic	1,159,210	5,468	96.3%	471.7	1,052,793	10,257	93.6%	974.3
American Indian/Alaska Native, only	3,073	***	***	***	2,826	***	***	***
Asian, only	78,358	26	0.5%	33.2	71,596	92	0.8%	128.5
Black, only	386,613	4,717	83.0%	1,220.1	316,390	7,873	71.8%	2,488.4
Native Hawaiian/Other Pacific Islander, only	661	***	***	***	519	***	***	***
White, only	664,458	420	7.4%	63.2	638,021	1,638	14.9%	256.7
Multiracial/Another Race	26,047	302	5.3%	1,159.5	23,442	649	5.9%	2,768.6
Total	1,228,568	5,681	100.0%	462.4	1,126,313	10,964	100.0%	973.4

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

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

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

Demographic Characteristics	Total People Aged 13+ Living with Diagnosed HIV							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Assigned Sex at Birth								
Female	5,681	4,283	75.4%	698	7.6%	9.0%	12.6%	70.9%
Male	10,964	8,233	75.1%	622	7.2%	11.1%	16.3%	65.3%
Gender Identity								
Cisgender Man or Boy	10,753	8,062	75.0%	621	7.2%	11.2%	16.4%	65.2%
Cisgender Woman or Girl	5,668	4,273	75.4%	698	7.6%	9.0%	12.6%	70.8%
Transgender Man or Boy	12	9	75.0%	683	11.1%	0.0%	11.1%	77.8%
Transgender Woman or Girl	212	172	81.1%	676	7.0%	9.3%	12.8%	70.9%
Another Gender Identity	0	--	--	--	--	--	--	--
Race/Ethnicity								
Hispanic	920	675	73.4%	623	7.4%	11.4%	16.0%	65.2%
Non-Hispanic	15,725	11,841	75.3%	646	7.3%	10.3%	15.0%	67.3%
American Indian/Alaska Native, only	6	***	***	***	***	***	***	***
Asian, only	118	93	78.8%	542	8.6%	9.7%	23.7%	58.1%
Black, only	12,590	9,580	76.1%	648	7.4%	10.3%	14.6%	67.7%
Native Hawaiian/Other Pacific Islander, only	2	***	***	***	***	***	***	***
White, only	2,058	1,466	71.2%	654	6.2%	10.8%	16.6%	66.4%
Multiracial/Another Race	951	699	73.5%	629	8.3%	10.2%	16.3%	65.2%
Country of Birth								
United States	15,056	11,373	75.5%	644	7.5%	10.6%	15.0%	66.9%
Foreign-Born	1,174	840	71.6%	644	4.8%	9.6%	16.2%	69.4%
Africa	636	453	71.2%	654	4.9%	7.7%	14.6%	72.8%
Asia	106	78	73.6%	537	6.4%	10.3%	25.6%	57.7%
Caribbean	94	77	81.9%	739	3.9%	11.7%	14.3%	70.1%
Central America	221	152	68.8%	592	5.3%	14.5%	17.8%	62.5%
Other	117	80	68.4%	705	2.5%	8.8%	15.0%	73.8%
Unknown	415	303	73.0%	697	6.3%	6.3%	14.9%	72.6%
Total	16,645	12,516	75.2%	645	7.3%	10.4%	15.1%	67.2%

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

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

Demographic Characteristics	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
Assigned Sex at Birth					
Female	5,681	4,449	78.3%	88.6%	6,050
Male	10,964	8,244	75.2%	89.1%	7,830
Gender Identity					
Cisgender Man or Boy	10,753	8,075	75.1%	89.3%	7,830
Cisgender Woman or Girl	5,668	4,438	78.3%	88.6%	6,070
Transgender Man or Boy	12	10	83.3%	90.0%	5,040
Transgender Woman or Girl	212	170	80.2%	78.8%	6,130
Another Gender Identity	0	--	--	--	--
Race/Ethnicity					
Hispanic	920	685	74.5%	89.9%	21,800
Non-Hispanic	15,725	12,008	76.4%	88.9%	6,620
American Indian/Alaska Native, only	6	***	***	***	***
Asian, only	118	96	81.4%	97.9%	51,469
Black, only	12,590	9,658	76.7%	88.4%	6,480
Native Hawaiian/Other Pacific Islander, only	2	***	***	***	***
White, only	2,058	1,531	74.4%	91.1%	7,790
Multiracial/Another Race	951	720	75.7%	89.6%	10,200
Country of Birth					
United States	15,056	11,553	76.7%	88.5%	7,175
Foreign-Born	1,174	846	72.1%	92.8%	2,650
Africa	636	442	69.5%	92.8%	5,435
Asia	106	83	78.3%	96.4%	31,000
Caribbean	94	72	76.6%	93.1%	898
Central America	221	163	73.8%	89.6%	2,610
Other	117	86	73.5%	95.3%	22,027
Unknown	415	294	70.8%	93.2%	6,875
Total	16,645	12,693	76.3%	88.9%	7,110

*** 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	25,987	67,361	89,957	27,124	210,428
	Number	0	5	1	0	6
	Rate	0.0	7.4	1.1	0.0	2.9
	Ratio (1 in X)	--	13,472	89,957	--	35,071
13-19	Population	11,701	39,221	53,994	14,341	119,258
	Number	0	19	1	2	22
	Rate	0.0	48.4	1.9	13.9	18.4
	Ratio (1 in X)	--	2,064	53,994	7,170	5,421
20-29	Population	13,932	60,521	84,603	18,526	177,582
	Number	19	192	11	9	231
	Rate	136.4	317.2	13.0	48.6	130.1
	Ratio (1 in X)	733	315	7,691	2,058	769
30-39	Population	14,304	68,733	102,157	20,821	206,015
	Number	35	582	68	44	729
	Rate	244.7	846.8	66.6	211.3	353.9
	Ratio (1 in X)	409	118	1,502	473	283
40-49	Population	12,948	58,102	86,484	19,066	176,600
	Number	55	904	101	83	1,143
	Rate	424.8	1,555.9	116.8	435.3	647.2
	Ratio (1 in X)	235	64	856	230	155
50-59	Population	8,241	58,610	104,190	14,730	185,771
	Number	56	1,489	130	94	1,769
	Rate	679.5	2,540.5	124.8	638.2	952.2
	Ratio (1 in X)	147	39	801	157	105
60-69	Population	4,661	53,517	108,536	10,648	177,362
	Number	35	1,177	90	77	1,379
	Rate	750.9	2,199.3	82.9	723.1	777.5
	Ratio (1 in X)	133	45	1,206	138	129
70+	Population	3,570	47,909	124,494	10,007	185,980
	Number	13	354	19	22	408
	Rate	364.1	738.9	15.3	219.8	219.4
	Ratio (1 in X)	275	135	6,552	455	456
Total Females by Race/Ethnicity	Population	95,344	453,974	754,415	135,263	1,438,996
	Number	213	4,703	420	329	5,665
	Rate	223.4	1,036.0	55.7	243.2	393.7
	Ratio (1 in X)	448	97	1,796	411	254

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	18,763	69,033	94,161	23,564	205,522
	Number	5	70	4	2	81
	Rate	26.6	101.4	4.2	8.5	39.4
	Ratio (1 in X)	3,753	986	23,540	11,782	2,537
25-34	Population	13,947	66,359	95,462	19,545	195,313
	Number	28	391	33	22	474
	Rate	200.8	589.2	34.6	112.6	242.7
	Ratio (1 in X)	498	170	2,893	888	412
35-44	Population	14,376	64,176	97,014	20,590	196,156
	Number	47	735	98	71	951
	Rate	326.9	1,145.3	101.0	344.8	484.8
	Ratio (1 in X)	306	87	990	290	206
45-54	Population	10,443	55,940	89,214	17,103	172,700
	Number	58	1,186	111	84	1,439
	Rate	555.4	2,120.1	124.4	491.1	833.2
	Ratio (1 in X)	180	47	804	204	120
55-64	Population	6,269	58,933	113,109	12,564	190,875
	Number	50	1,534	125	99	1,808
	Rate	797.6	2,603.0	110.5	788.0	947.2
	Ratio (1 in X)	125	38	905	127	106
65+	Population	5,559	72,172	175,498	14,773	268,002
	Number	25	801	49	53	928
	Rate	449.7	1,109.8	27.9	358.8	346.3
	Ratio (1 in X)	222	90	3,582	279	289
Total Females by Race/Ethnicity	Population	69,357	386,613	664,458	108,139	1,228,568
	Number	213	4,717	420	331	5,681
	Rate	307.1	1,220.1	63.2	306.1	462.4
	Ratio (1 in X)	326	82	1,582	327	216

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

Age on December 31, 2022		Total Males Living with Diagnosed HIV				Total Males by Age Group
		Race/Ethnicity				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race	
<13 (Pediatric)	Population	27,401	68,966	94,470	27,815	218,652
	Number	1	5	2	2	10
	Rate	3.6	7.2	2.1	7.2	4.6
	Ratio (1 in X)	27,401	13,793	47,235	13,908	21,865
13-19	Population	12,210	39,975	56,553	14,621	123,359
	Number	2	25	2	0	29
	Rate	16.4	62.5	3.5	0.0	23.5
	Ratio (1 in X)	6,105	1,599	28,277	--	4,254
20-29	Population	14,011	56,068	88,434	17,748	176,261
	Number	84	664	43	46	837
	Rate	599.5	1,184.3	48.6	259.2	474.9
	Ratio (1 in X)	167	84	2,057	386	211
30-39	Population	15,619	57,440	104,197	18,677	195,933
	Number	189	1,747	235	151	2,322
	Rate	1,210.1	3,041.4	225.5	808.5	1,185.1
	Ratio (1 in X)	83	33	443	124	84
40-49	Population	15,178	46,699	87,401	17,026	166,304
	Number	171	1,178	284	130	1,763
	Rate	1,126.6	2,522.5	324.9	763.5	1,060.1
	Ratio (1 in X)	89	40	308	131	94
50-59	Population	9,347	48,428	102,824	13,539	174,138
	Number	155	1,839	495	206	2,695
	Rate	1,658.3	3,797.4	481.4	1,521.5	1,547.6
	Ratio (1 in X)	60	26	208	66	65
60-69	Population	4,607	40,193	103,189	9,239	157,228
	Number	81	1,891	422	167	2,561
	Rate	1,758.2	4,704.8	409.0	1,807.6	1,628.8
	Ratio (1 in X)	57	21	245	55	61
70+	Population	2,548	27,587	95,423	7,532	133,090
	Number	25	529	157	46	757
	Rate	981.2	1,917.6	164.5	610.7	568.8
	Ratio (1 in X)	102	52	608	164	176
Total Males by Race/Ethnicity	Population	100,921	385,356	732,491	126,197	1,344,965
	Number	706	7,853	1,638	748	10,945
	Rate	699.6	2,037.9	223.6	592.7	813.8
	Ratio (1 in X)	143	49	447	169	123

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

Age on December 31, 2022		Total Males Living with Diagnosed HIV				Total Males by Age Group
		Race/Ethnicity				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race	
13-24	Population	19,482	68,020	98,574	23,504	209,580
	Number	34	230	11	12	287
	Rate	174.5	338.1	11.2	51.1	136.9
	Ratio (1 in X)	573	296	8,961	1,959	730
25-34	Population	14,066	58,640	98,157	18,189	189,052
	Number	136	1,308	144	112	1,700
	Rate	966.9	2,230.6	146.7	615.8	899.2
	Ratio (1 in X)	103	45	682	162	111
35-44	Population	16,827	51,654	99,086	18,329	185,896
	Number	193	1,559	257	136	2,145
	Rate	1,147.0	3,018.2	259.4	742.0	1,153.9
	Ratio (1 in X)	87	33	386	135	87
45-54	Population	11,877	45,602	88,978	15,554	162,011
	Number	169	1,252	344	153	1,918
	Rate	1,422.9	2,745.5	386.6	983.7	1,183.9
	Ratio (1 in X)	70	36	259	102	84
55-64	Population	6,895	47,761	110,347	11,181	176,184
	Number	120	2,237	562	225	3,144
	Rate	1,740.4	4,683.7	509.3	2,012.3	1,784.5
	Ratio (1 in X)	57	21	196	50	56
65+	Population	4,373	44,713	142,879	11,625	203,590
	Number	55	1,287	320	108	1,770
	Rate	1,257.7	2,878.4	224.0	929.0	869.4
	Ratio (1 in X)	80	35	446	108	115
Total Males by Race/Ethnicity	Population	73,520	316,390	638,021	98,382	1,126,313
	Number	707	7,873	1,638	746	10,964
	Rate	961.6	2,488.4	256.7	758.3	973.4
	Ratio (1 in X)	104	40	390	132	103

Section VII – By HIV Exposure Category

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

Estimated or Reported Exposure Category	HIV Diagnoses among People Aged 13+					First CD4 Test Result	
	No.	% of Total	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	% with Test	Median Count
Male-to-male Sexual Contact (MMSC)	181	60.0%	86.5%	63.7%	15.6%	97.6%	436
Injection Drug Use (IDU)	22	7.2%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	2	0.5%	***	***	***	***	***
Heterosexual Contact (HET)	97	32.3%	84.5%	57.4%	24.3%	97.6%	367
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	301	100.0%	85.0%	60.8%	19.9%	97.7%	394
Female Estimated or Reported Exposure Category							
Injection Drug Use (IDU)	13	19.1%	66.2%	***	35.4%	100.0%	333
Heterosexual Contact (HET)	55	80.9%	86.2%	***	17.1%	98.2%	399
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	68	100.0%	82.4%	58.1%	20.6%	98.5%	390
Male Estimated or Reported Exposure Category							
Male-to-male Sexual Contact (MMSC)	181	77.5%	86.5%	63.7%	15.6%	97.6%	436
Injection Drug Use (IDU)	9	3.7%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	2	0.7%	***	***	***	***	***
Heterosexual Contact (HET)	42	18.2%	82.3%	55.4%	33.6%	96.9%	305
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	233	100.0%	85.8%	61.8%	19.7%	97.4%	395

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

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

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

Estimated or Reported Exposure Category	Total People Aged 13+ Living with Diagnosed HIV	
	No.	% of Total
Male-to-male Sexual Contact (MMSC)	6,311	37.9%
Injection Drug Use (IDU)	3,521	21.2%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	690	4.1%
Heterosexual Contact (HET)	5,802	34.9%
Perinatal Transmission	258	1.6%
Other Exposure	23	0.1%
No Estimated or Reported Exposure	40	0.2%
Total	16,645	100.0%

Female Estimated or Reported Exposure Category		
Injection Drug Use (IDU)	1,507	26.5%
Heterosexual Contact (HET)	3,986	70.2%
Perinatal Transmission	154	2.7%
Other Exposure	9	0.2%
No Estimated or Reported Exposure	25	0.4%
Total	5,681	100.0%

Male Estimated or Reported Exposure Category		
Male-to-male Sexual Contact (MMSC)	6,311	57.6%
Injection Drug Use (IDU)	2,015	18.4%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	690	6.3%
Heterosexual Contact (HET)	1,816	16.6%
Perinatal Transmission	104	0.9%
Other Exposure	14	0.1%
No Estimated or Reported Exposure	15	0.1%
Total	10,964	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)	487	52.9%	4,142	32.9%	1,219	59.2%
Injection Drug Use (IDU)	79	8.6%	2,886	22.9%	346	16.8%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	31	3.3%	506	4.0%	94	4.6%
Heterosexual Contact (HET)	311	33.8%	4,788	38.0%	374	18.2%
Perinatal Transmission	8	0.9%	225	1.8%	12	0.6%
Other Exposure	1	0.1%	9	0.1%	12	0.6%
No Estimated or Reported Exposure	3	0.3%	33	0.3%	1	0.0%
Total	920	100.0%	12,589	100.0%	2,058	100.0%
Female Estimated or Reported Exposure Category						
Injection Drug Use (IDU)	36	16.9%	1,180	25.0%	183	43.7%
Heterosexual Contact (HET)	171	80.3%	3,370	71.4%	230	54.7%
Perinatal Transmission	4	1.9%	138	2.9%	5	1.2%
Other Exposure	0	0.0%	7	0.1%	2	0.5%
No Estimated or Reported Exposure	2	0.9%	22	0.5%	0	0.0%
Total	213	100.0%	4,717	100.0%	420	100.0%
Male Estimated or Reported Exposure Category						
Male-to-male Sexual Contact (MMSC)	487	68.9%	4,142	52.6%	1,219	74.4%
Injection Drug Use (IDU)	43	6.1%	1,706	21.7%	162	9.9%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	31	4.3%	506	6.4%	94	5.7%
Heterosexual Contact (HET)	140	19.8%	1,419	18.0%	144	8.8%
Perinatal Transmission	4	0.6%	87	1.1%	7	0.4%
Other Exposure	1	0.1%	2	0.0%	10	0.6%
No Estimated or Reported Exposure	1	0.1%	11	0.1%	1	0.1%
Total	707	100.0%	7,873	100.0%	1,637	100.0%

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

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

Estimated or Reported Exposure Category	Total People Aged 13+ with Living Diagnosed HIV							
	No.	Recent CD4 Test Results						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
Male-to-male Sexual Contact (MMSA)	6,311	4,780	75.8%	670	5.2%	9.0%	14.9%	70.8%
Injection Drug Use (IDU)	3,521	2,644	75.1%	570	11.3%	14.0%	16.4%	58.3%
Male-to-male Sexual Contact and Injection Drug Use (MMSA/IDU)	690	534	77.4%	571	9.9%	13.7%	17.5%	58.9%
Heterosexual Contact (HET)	5,802	4,298	74.1%	674	6.4%	9.1%	14.5%	70.0%
Perinatal Transmission	258	206	79.8%	588	17.0%	11.7%	7.8%	63.6%
Other Exposure	23	21	91.3%	510	19.0%	14.3%	14.3%	52.4%
No Estimated or Reported Exposure	40	33	82.5%	628	3.0%	21.2%	6.1%	69.7%
Total	16,645	12,516	75.2%	645	7.3%	10.4%	15.1%	67.2%

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

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

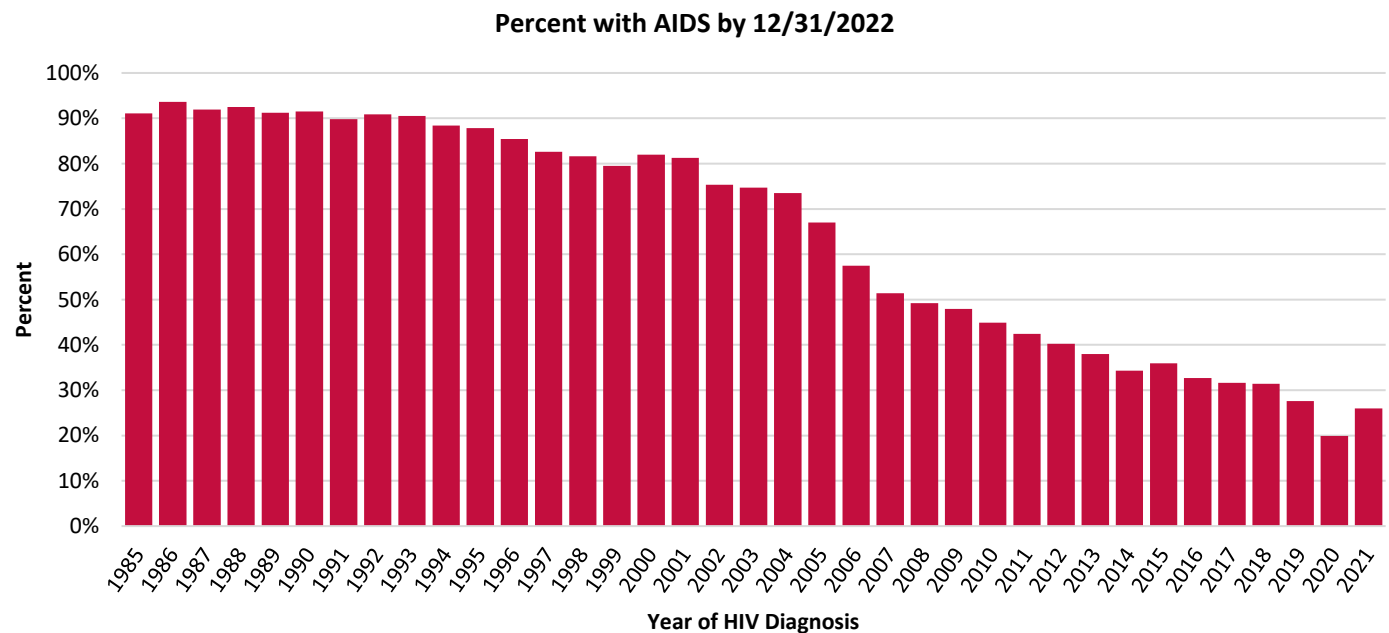
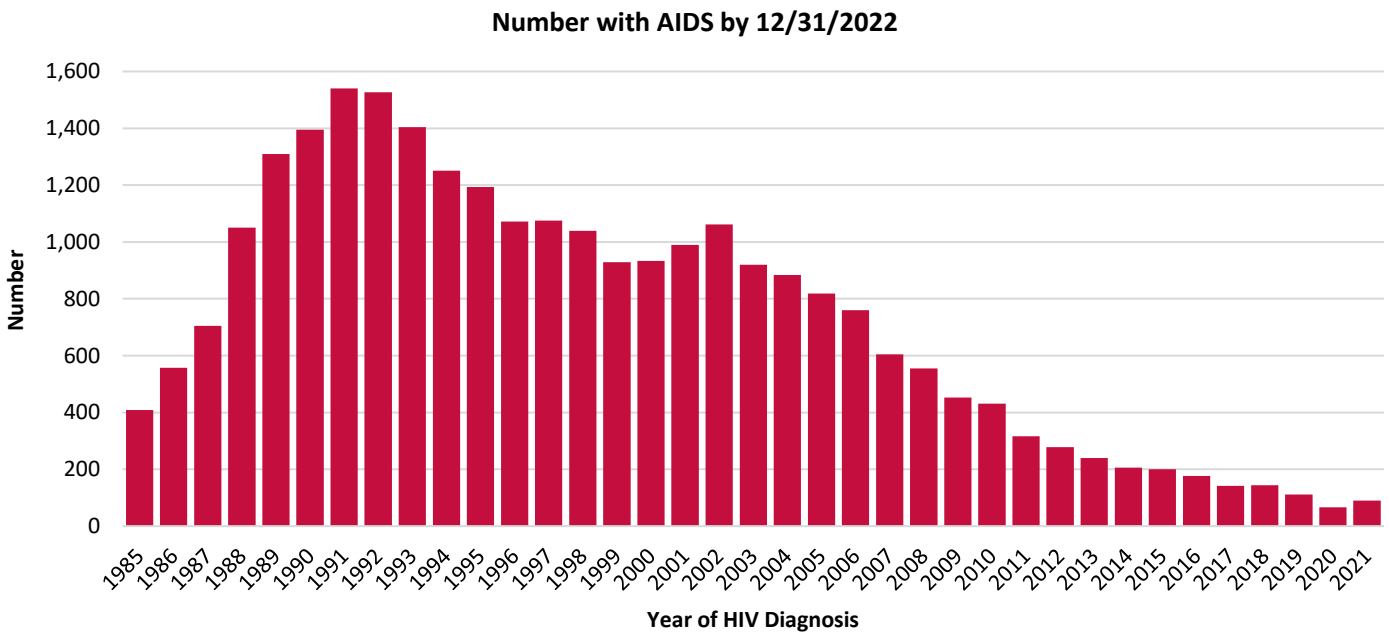
Estimated or Reported Exposure Category	Total People Aged 13+ with Living Diagnosed HIV				
	No.	Recent Viral Load Test Results			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
Male-to-male Sexual Contact (MMSA)	6,311	4,799	76.0%	89.1%	8,100
Injection Drug Use (IDU)	3,521	2,687	76.3%	87.8%	4,880
Male-to-male Sexual Contact and Injection Drug Use (MMSA/IDU)	690	550	79.7%	89.8%	12,300
Heterosexual Contact (HET)	5,802	4,388	75.6%	90.1%	7,079
Perinatal Transmission	258	214	82.9%	72.4%	10,790
Other Exposure	23	20	87.0%	100.0%	--
No Estimated or Reported Exposure	40	35	87.5%	80.0%	2,710
Total	16,645	12,693	76.3%	88.9%	7,110

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

Section VIII – Disease Progression and Mortality

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

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



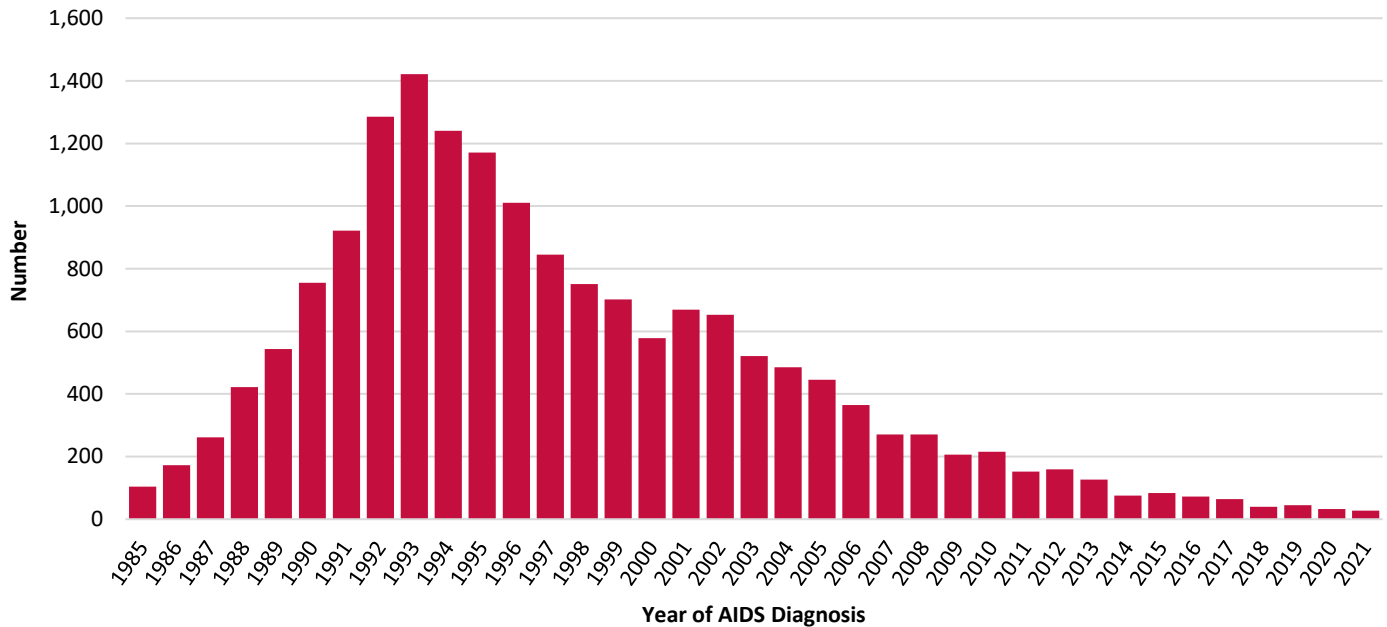
HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	No.	AIDS Diagnoses			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	239	231	96.7%	7.4	33.1%	33.1%	36.4%	67.4%
1985	449	409	91.1%	6.6	25.8%	27.4%	35.2%	74.4%
1986	595	557	93.6%	5.6	32.8%	33.8%	46.2%	80.3%
1987	767	705	91.9%	4.7	33.2%	36.8%	53.8%	82.4%
1988	1,135	1,050	92.5%	4.0	37.8%	41.6%	63.4%	85.9%
1989	1,436	1,309	91.2%	3.7	38.4%	44.0%	67.8%	83.7%
1990	1,525	1,395	91.5%	3.2	43.9%	50.9%	73.4%	85.3%
1991	1,715	1,540	89.8%	2.8	46.5%	56.1%	73.8%	84.2%
1992	1,679	1,527	90.9%	2.7	50.5%	59.1%	75.8%	84.6%
1993	1,552	1,404	90.5%	2.3	54.3%	62.8%	77.0%	86.0%
1994	1,415	1,251	88.4%	2.4	54.3%	62.1%	75.1%	83.1%
1995	1,358	1,193	87.8%	2.5	56.5%	62.2%	72.5%	82.2%
1996	1,255	1,072	85.4%	2.1	59.4%	64.3%	71.6%	80.6%
1997	1,302	1,075	82.6%	2.3	54.5%	59.5%	69.0%	77.5%
1998	1,273	1,039	81.6%	2.1	56.1%	60.0%	68.4%	76.8%
1999	1,169	929	79.5%	2.0	56.6%	60.7%	68.8%	75.4%
2000	1,138	933	82.0%	2.0	56.2%	60.6%	70.4%	77.9%
2001	1,218	990	81.3%	1.9	57.9%	62.1%	71.3%	76.8%
2002	1,411	1,062	75.3%	2.0	53.1%	56.7%	64.2%	70.9%
2003	1,231	920	74.7%	1.8	54.1%	58.2%	64.1%	71.0%
2004	1,202	884	73.5%	2.1	51.2%	55.2%	61.8%	69.0%
2005	1,222	819	67.0%	2.1	46.0%	49.3%	56.1%	63.3%
2006	1,322	760	57.5%	2.2	37.7%	40.0%	47.5%	54.3%
2007	1,176	604	51.4%	2.7	29.1%	32.3%	39.9%	47.5%
2008	1,128	555	49.2%	2.5	28.3%	31.7%	40.1%	45.9%
2009	945	453	47.9%	2.4	27.5%	30.8%	39.4%	45.7%
2010	960	431	44.9%	2.5	25.9%	28.6%	36.0%	42.8%
2011	746	316	42.4%	2.0	26.7%	30.7%	35.7%	41.2%
2012	692	278	40.2%	1.7	27.2%	29.8%	35.5%	39.5%
2013	631	240	38.0%	1.3	28.5%	30.0%	34.2%	--
2014	600	206	34.3%	1.2	24.8%	28.0%	32.0%	--
2015	557	200	35.9%	1.2	25.7%	28.7%	32.9%	--
2016	541	177	32.7%	0.9	25.1%	27.4%	31.2%	--
2017	449	142	31.6%	0.8	25.2%	26.7%	30.3%	--
2018	459	144	31.4%	0.7	26.1%	27.5%	--	--
2019	402	111	27.6%	0.5	23.6%	24.9%	--	--
2020	332	66	19.9%	0.2	18.1%	19.0%	--	--
2021	346	90	26.0%	0.2	24.0%	--	--	--
Total	37,572	27,067	72.0%	2.6	43.2%	47.7%	58.2%	67.5%

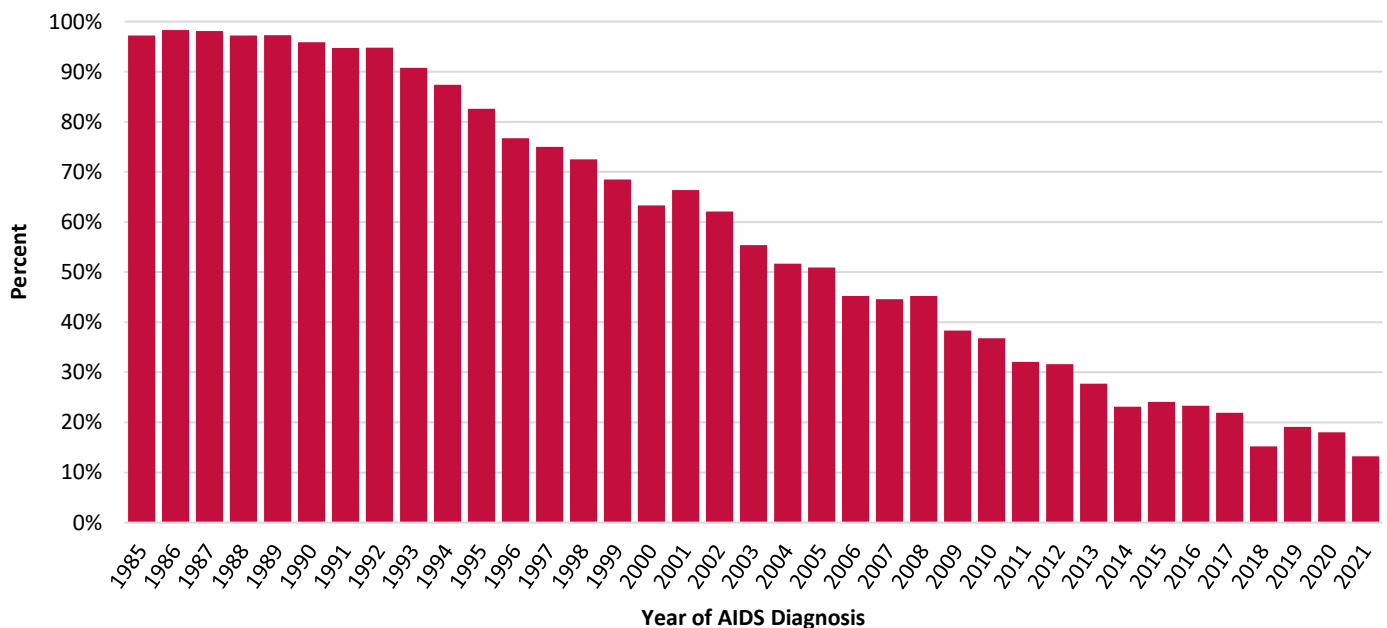
Figure 11 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2021, Reported through June 30, 2023

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

Number Deceased by 12/31/2022



Percent Deceased by 12/31/2022



AIDS Diagnoses among People Aged 13+

Year of AIDS Diagnosis	No.	Reported Deaths Among AIDS Diagnoses			Percent Alive by Years After AIDS Diagnosis			
		No.	% Deceased	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	77	73	94.8%	2.5	53.2%	33.8%	16.9%	14.3%
1985	107	104	97.2%	2.3	43.0%	22.4%	9.3%	7.5%
1986	176	173	98.3%	2.6	54.0%	35.8%	14.8%	8.5%
1987	266	261	98.1%	2.3	62.0%	33.5%	11.3%	5.3%
1988	434	422	97.2%	2.5	59.2%	39.4%	14.3%	6.9%
1989	558	543	97.3%	2.8	60.8%	39.1%	15.6%	7.9%
1990	787	755	95.9%	3.3	66.1%	46.6%	20.1%	11.6%
1991	974	922	94.7%	3.1	67.8%	46.3%	18.2%	12.1%
1992	1,355	1,285	94.8%	3.4	70.5%	48.8%	20.2%	14.0%
1993	1,565	1,421	90.8%	4.3	77.7%	55.4%	32.2%	20.8%
1994	1,418	1,240	87.4%	4.5	77.5%	58.6%	38.0%	23.9%
1995	1,418	1,171	82.6%	5.9	78.8%	66.6%	49.4%	35.1%
1996	1,318	1,011	76.7%	6.2	81.8%	74.7%	57.4%	41.3%
1997	1,127	845	75.0%	6.8	85.4%	77.3%	60.7%	44.3%
1998	1,036	751	72.5%	7.0	87.1%	79.8%	63.8%	46.8%
1999	1,025	702	68.5%	6.6	87.1%	79.9%	64.1%	48.7%
2000	913	578	63.3%	6.6	86.2%	80.6%	65.2%	52.6%
2001	1,007	669	66.4%	6.1	85.6%	76.9%	62.1%	49.8%
2002	1,052	653	62.1%	6.8	88.2%	82.6%	70.0%	56.3%
2003	941	521	55.4%	5.6	84.0%	78.2%	67.1%	57.5%
2004	938	485	51.7%	6.0	87.5%	82.8%	72.1%	61.9%
2005	874	445	50.9%	6.3	88.6%	83.6%	74.1%	64.6%
2006	808	365	45.2%	5.4	88.2%	83.7%	74.3%	64.4%
2007	607	271	44.6%	5.3	88.3%	84.8%	75.9%	64.7%
2008	599	271	45.2%	5.3	89.0%	84.0%	75.1%	64.9%
2009	538	206	38.3%	4.7	91.1%	87.0%	78.1%	66.5%
2010	584	215	36.8%	4.7	90.8%	88.0%	80.7%	68.2%
2011	473	152	32.1%	4.6	94.1%	90.9%	81.8%	70.6%
2012	503	159	31.6%	3.9	90.7%	88.7%	80.3%	69.0%
2013	458	127	27.7%	3.8	94.1%	90.2%	82.1%	--
2014	325	75	23.1%	2.8	90.8%	87.1%	83.7%	--
2015	349	84	24.1%	2.4	90.8%	87.7%	80.2%	--
2016	309	72	23.3%	2.0	90.9%	86.7%	79.6%	--
2017	292	64	21.9%	1.8	91.8%	86.3%	79.5%	--
2018	264	40	15.2%	1.4	91.7%	89.8%	--	--
2019	235	45	19.1%	0.9	89.4%	83.4%	--	--
2020	183	33	18.0%	0.7	88.5%	82.5%	--	--
2021*	205	27	13.2%	0.6	88.8%	--	--	--
Total	26,098	17,236	66.0%	4.9	82.0%	71.6%	55.9%	45.1%

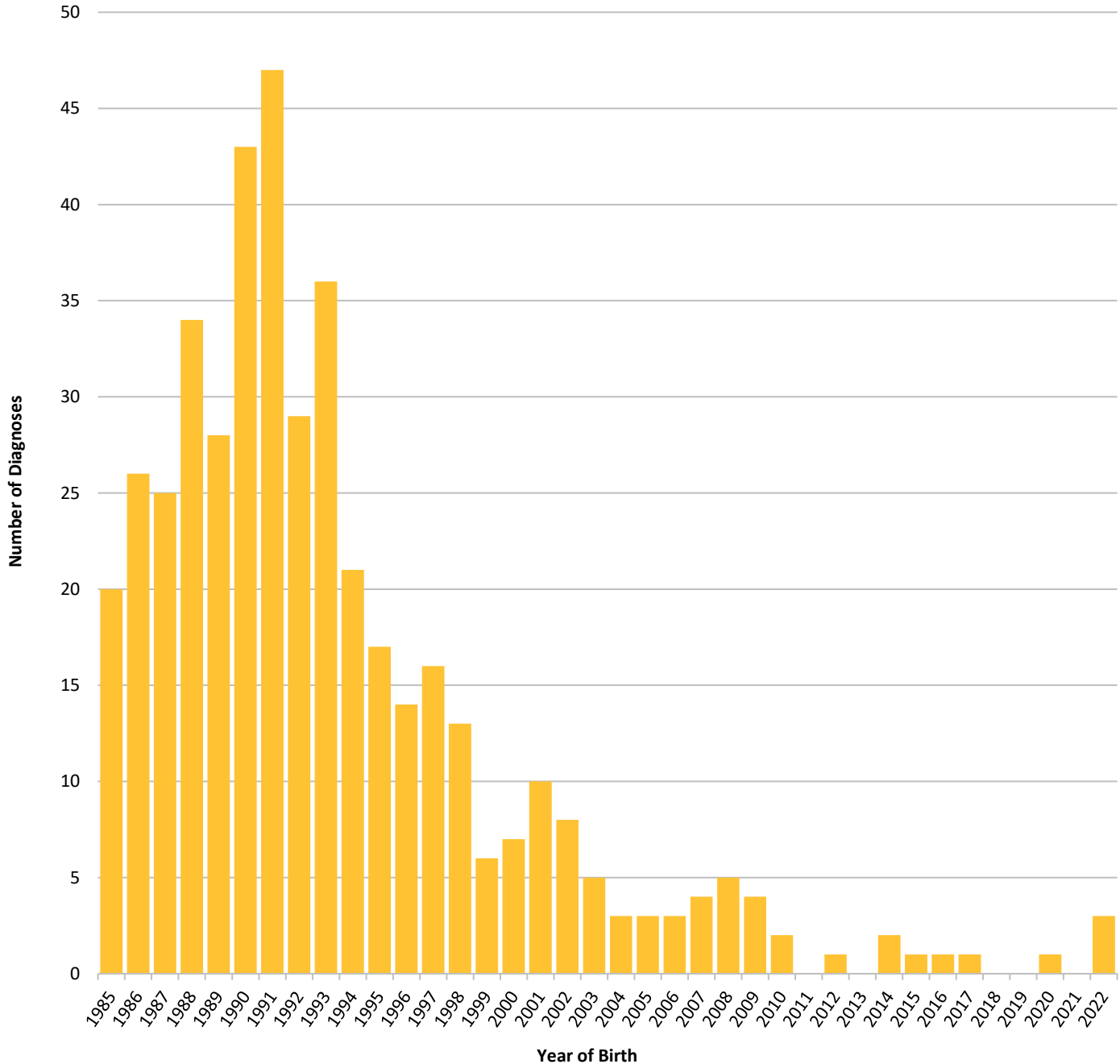
*2021 deaths among AIDS diagnoses are preliminary.

Section IX – Pediatrics

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

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

Pediatric Reported HIV Diagnoses



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

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

Jurisdiction of Current Residence	Total People Aged <13 Living with Diagnosed HIV	
	No.	% of Total
Anne Arundel	2	12.5%
Baltimore City	8	50.0%
Baltimore	3	18.8%
Carroll	0	0.0%
Harford	1	6.3%
Howard	2	12.5%
Total	16	100.0%

Table 26 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2022, by Assigned Sex at Birth and Race/Ethnicity, Reported through June 30, 2023

Demographic Characteristic	Total People Aged <13 Living with Diagnosed HIV	
	No.	% of Total
Assigned Sex at Birth		
Female	6	37.5%
Male	10	62.5%
Race/Ethnicity		
Hispanic	1	6.3%
Non-Hispanic	15	93.8%
American Indian/Alaska Native, only	0	0.0%
Asian, only	1	6.3%
Black, only	10	62.5%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	3	18.8%
Multiracial/Another Race	1	6.3%
Total	16	100.0%

Glossary of Terms

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Age on [date]: Age group of people living with diagnosed HIV on the specified date.

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

AIDS Diagnoses among People Aged 13+: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Another Gender Identity: A person assigned “male” or “female” sex at birth who does not identify as cisgender man or boy, cisgender woman or girl, transgender woman or girl, or transgender man or boy. AGI includes “bigender,” “gender queer,” and “two-spirit.”

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of people living with diagnosed HIV with a CD4 test distributed by their CD4 count results (cells per microliter).

CD4 With Test: Number and percent of total people aged 13+ living with diagnosed HIV with a recent CD4 test result measured in the specified year.

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

Cisgender Woman or Girl: A person whose sex assigned at birth is female and who identifies as a woman or girl.

Corrections: Residence in a state or federal prison in Maryland. Does not include local jails and detention centers.

Current Residence: Jurisdiction of residence from the most recent report since January 1, 2013.

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

Female: A person whose sex assigned at birth is female.

First CD4 Test Result Median Count: Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

First CD4 Test Result Percent with Test: Percent of reported HIV diagnoses among people aged 13+ with the first CD4 test result reported within 12 months following the initial HIV diagnosis.

Gender Expression: People’s outward presentation of their gender which may or may not conform to socially defined behaviors and characteristics typically associated with being either masculine or feminine.

Gender Identity: Refers to one’s internal understanding of one’s own gender, or the gender with which a person identifies.

HIV Diagnosed: Number of people who have received an HIV diagnosis in a given time period, regardless of when HIV transmission occurred.

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

HIV Diagnoses among People Aged 13+: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

HIV Prevalence: Estimated number of people with HIV alive at a given time, regardless of when HIV transmission occurred or whether they have received a diagnosis.

Heterosexual Contact (HET): People who report a history of sexual contact with a person of the opposite sex who is known to be HIV positive or at an increased likelihood for HIV transmission.

Injection Drug Use (IDU): Includes people who injected nonprescription drugs or who injected prescription drugs for nonmedical purposes. Also includes injection or drugs prescribed to people if there is evidence that injection equipment was shared (e.g., syringes, needles, cookers).

Jurisdiction of Current Residence: Jurisdiction of residence from the most recent report since January 1, 2013.

Jurisdiction of Residence: Jurisdiction of residence at diagnosis or current residence.

Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at the later time of initial HIV diagnosis or time of initial AIDS diagnosis.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Late HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 3 months after their initial HIV diagnosis.

Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a reported CD4 or viral load test performed less than or equal to 1 month after their initial HIV diagnosis.

Male: A person whose sex assigned at birth is male.

Mean Years from HIV Diagnosis: Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for people living with a reported AIDS diagnosis.

Mean Years from AIDS diagnosis to AIDS Death: Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

Median Count: Median CD4 count (cells per microliter), among total people aged 13+ living with diagnosed HIV, of the most recent CD4 test result measured in the specified year.

Median Unsuppressed: Median unsuppressed viral load (copies per milliliter) among people aged 13+ living with diagnosed HIV of the most recent viral load test result measured in the specified year of 200 copies per milliliter or greater.

Male-to-male Sexual Contact (MMSC): Includes people assigned male sex at birth, regardless of current gender identity, who have had sexual contact with other males, and people assigned male sex at birth who have had sexual contact with both males and females.

Male-to-male Sexual Contact/Injection Drug Use (MMSC/IDU): Includes people assigned male sex at birth, regardless of current gender identity, who have had sexual contact with other males (or with both males and females) and inject nonprescription drugs or injected prescription drugs for nonmedical purposes. Also includes injection of drugs prescribed to people if there is evidence that injection equipment was shared (e.g., syringes, needles, cookers).

Other Exposure: Includes people who received clotting factors for hemophilia/coagulation disorder, or received a transfusion of blood/blood components, or received a transplant of tissue/organs or artificial insemination, or worked in a health care or clinical laboratory setting.

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

People Aged <13 Living with Diagnosed HIV: Reported HIV diagnosis, age less than 13 years at HIV diagnosis and not reported to have died as of December 31st of the specified year.

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

Percent Change: The percent change in number of total people aged 13+ living with diagnosed HIV from residence at diagnosis to current residence.

Percent Alive by Years after AIDS Diagnosis: Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years, and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

Percent Late HIV Diagnosis: Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 3 months prior to their initial AIDS diagnosis.

Percent Suppressed: Percent of total people aged 13+ living with diagnosed HIV with a recent viral load test result measured in the specified year of less than 200 copies per milliliter.

Percent with AIDS by Years after HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

Perinatal Transmission: When HIV is passed from a person with childbearing potential living with HIV to the infant during pregnancy, childbirth (also called labor and delivery), or breastfeeding (through breast milk).

Population: Population estimate for July 1 of the specified year.

Population Aged 13+: Population age 13 years or older, estimate for July 1 of the specified year.

Rate: Number of people living with diagnosed HIV divided by the population and multiplied by 100,000.

Ratio (1 in X): Number of people for every 1 person living with diagnosed HIV in the population, or 1 person living with diagnosed HIV in every X number of people.

Recent CD4 Test Result: The most recent CD4 test result measured in the specified year.

Recent Viral Load Test Result: The most recent viral load test result measured in the specified year.

Residence at Diagnosis: Jurisdiction of residence at later time of initial HIV diagnosis or initial AIDS diagnosis.

Retained in HIV Care: HIV diagnosed with a reported CD4 or viral load test result performed or reported antiretroviral use in the specified year.

Suppressed Viral Load: HIV diagnosed with the most recent viral load measured in the specified year of less than 200 copies per milliliter.

Suppressed Viral Load – 6 Months: HIV diagnosed with a viral load of less than 200 copies per milliliter measured in the first six months after HIV diagnosis.

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

Transgender Woman or Girl: A person whose sex assigned at birth is male but who identifies as a woman or girl.

Viral Load With Test: Number and percent of total people aged 13+ living with diagnosed HIV with a recent viral load test result.