

# 2022

# BALTIMORE CITY 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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This report was prepared by the following CHSEE staff: Morgan Boyer, Joseph Duda, Colin Flynn, Abigail Grady, Molly Gribbin, Elizabeth Kassens, Amber Lee, Kristen Lowe, Molly Lutrey, Shreya Patel, Michelle Ryan, Alyssa Risney, Jasmine Smith, and Jami Stockdale.

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## On the Web

<https://health.maryland.gov/phpa/OIDEOR/CHSE/SiteAssets/Pages/statistics/Baltimore-City-Annual-HIV-Epidemiological-Profile-2022.pdf>

## Additional Information and Reporting Instructions

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

Email: [mdh.hivdatarequest@maryland.gov](mailto:mdh.hivdatarequest@maryland.gov)

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

- **Geographic distribution:** In Baltimore City, seven of the thirty-one ZIP codes accounted for about half of HIV diagnoses (84, 53.2%). The ZIP code with the highest number (17, 10.8%) of HIV diagnoses was 21215 and the ZIP code with highest rate (75.1) of HIV diagnoses was 21225.
- **Age:** People aged 20-39 years accounted for the highest number (115, 72.8%) of HIV diagnoses and the highest rate (62.3).
- **Assigned Sex at Birth:** Males accounted for the highest number (129, 81.6%) of HIV diagnoses. The rate among males was 58.1 and 11.0 among females.
- **Race/Ethnicity:** Non-Hispanic Black people accounted for the highest number (129, 81.6%) of HIV diagnoses. The highest rate was among Hispanic people (58.9).
- **Exposure Category:** Male-to-male sexual contact accounted for the highest number (97, 61.4%) of diagnoses.

#### People Living with Diagnosed HIV

At the end of 2022, there were 9,971 people living with diagnosed HIV in Baltimore City. Data presented below describe people living with diagnosed HIV, aged 13 years and older, in Baltimore City.

- **Geographic distribution:** Seven ZIP codes accounted for about half (5,377, 53.9%) of people living with diagnosed HIV in Baltimore City. The 21217 ZIP code accounted for the highest number (955, 9.6%) of people living with diagnosed HIV and the highest rate (3,778.9).
- **Age:** People aged 50+ years accounted for the highest number (6,046, 60.6%) of people living with diagnosed HIV and persons 55-64 years had the highest rate (4,568.7).
- **Assigned Sex at Birth:** Males accounted for the highest number (6,674, 66.9%) of people living with diagnosed HIV. The rate among males was 3,006.9 and 1,251.6 among females.
- **Race/Ethnicity:** Non-Hispanic Black people accounted for the highest number (8,226, 82.5%) of the people living with diagnosed HIV and the highest rate (2,779.5).
- **Exposure Category:** Male-to-male sexual contact accounted for the highest number (3,630, 36.4%) of the total people living with diagnosed HIV.

#### Engagement in HIV Care

- **HIV diagnosed:** Among people living with HIV in Baltimore City, it is estimated that 93.5 percent have been diagnosed and an estimated 693 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, 77.9 percent were retained in care during 2022.
- **Viral suppression:** In 2022, 63.6 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.<sup>1</sup> 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.

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

### Race/Ethnicity

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

### Country of Birth

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

### HIV Exposure Categories

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

### Sources of Data

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

Population data by sex, age, and race/ethnicity are from the July 1, 2022 United States Census Estimates. Population data by country-of-birth are from the Census

Bureau's 2020 American Community Survey. This produces a difference in total population due to a different source. Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple races and Non-Hispanic another race from the Census were combined into one group.

### Tabulation of Column Totals

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

### Data Suppression

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

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

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

### Multiple Imputation

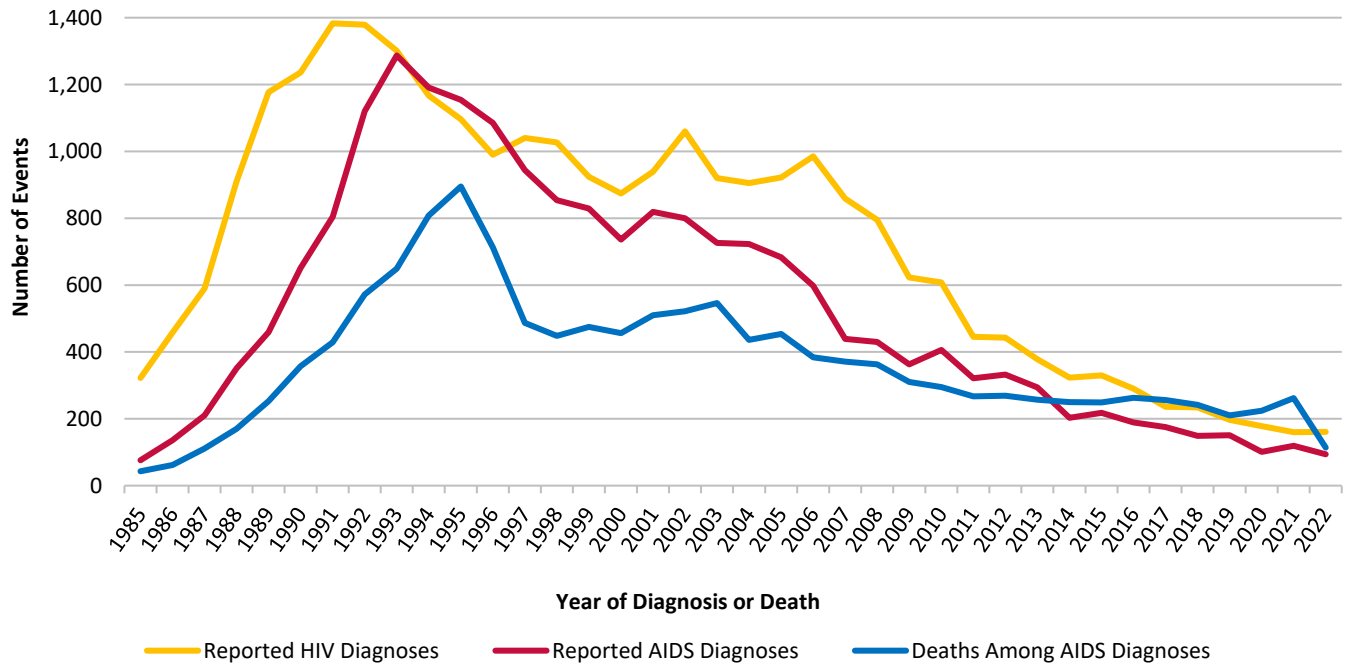
Not all exposure data is reported and is therefore missing in some instances. Multiple imputation is a statistical method by which missing exposure categories are replaced with estimated or probable exposure categories. Perinatal transmission and other exposure categories are never estimated or adjusted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



## Section II – Trends 1985-2022

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

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

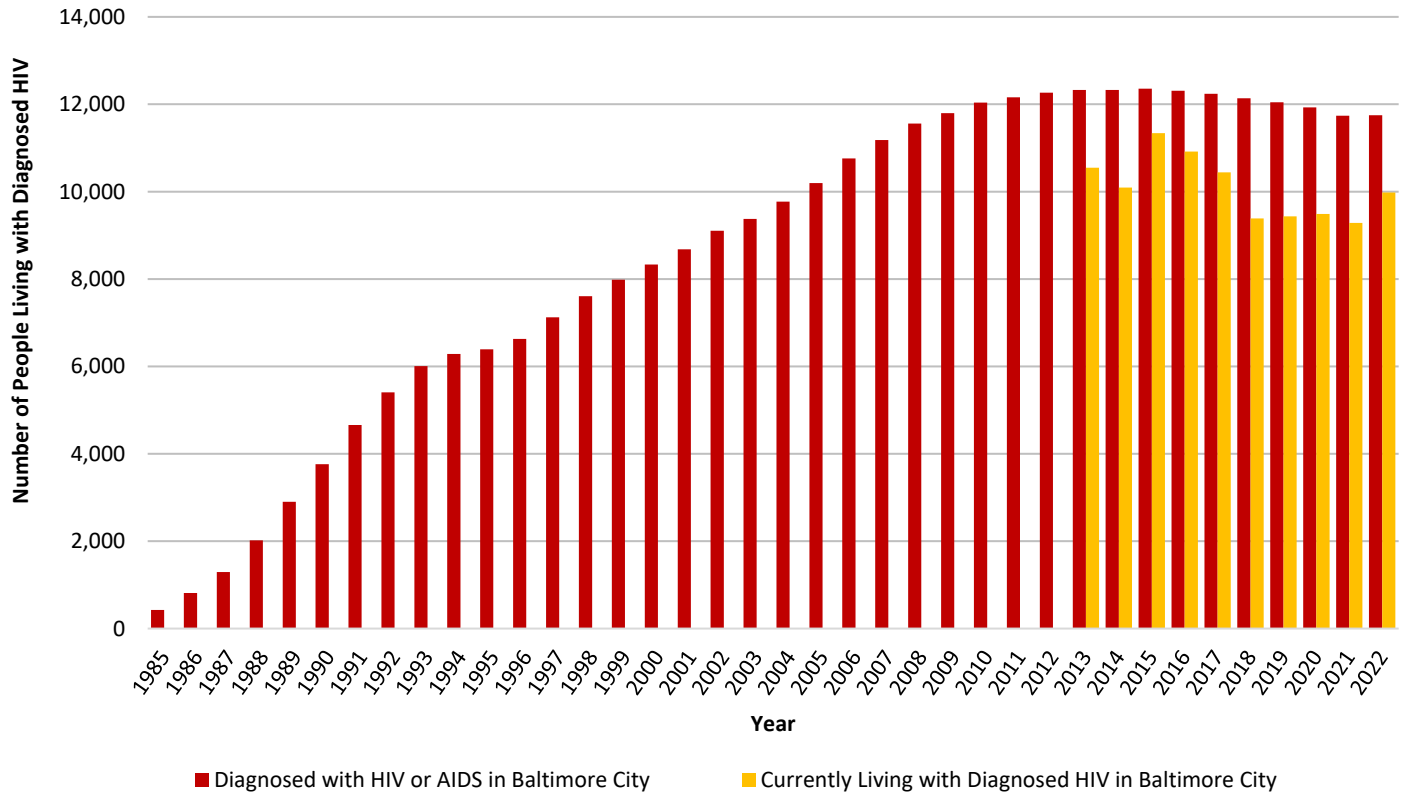


Year of Diagnosis or Death	HIV Diagnoses	AIDS Diagnoses	Deaths Among AIDS Diagnoses	Year of Diagnosis or Death	HIV Diagnoses	AIDS Diagnoses	Deaths Among AIDS Diagnoses
<1985	169	59	25	2004	905	723	436
1985	322	76	43	2005	922	683	454
1986	458	136	62	2006	985	598	384
1987	590	210	111	2007	859	439	371
1988	910	351	170	2008	795	430	363
1989	1,177	459	253	2009	623	363	310
1990	1,236	651	357	2010	608	406	295
1991	1,383	804	429	2011	445	321	267
1992	1,379	1,120	572	2012	443	332	269
1993	1,301	1,287	649	2013	378	294	257
1994	1,167	1,191	808	2014	323	203	250
1995	1,096	1,154	895	2015	330	218	249
1996	990	1,085	713	2016	290	189	263
1997	1,040	944	487	2017	236	175	256
1998	1,027	854	448	2018	234	149	242
1999	924	829	475	2019	197	151	210
2000	874	736	456	2020	178	101	224
2001	939	819	510	2021*	160	119	262
2002	1,060	800	522	2022*	161	94	114
2003	920	726	546	<b>Total</b>	<b>28,034</b>	<b>20,279</b>	<b>14,007</b>

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

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

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

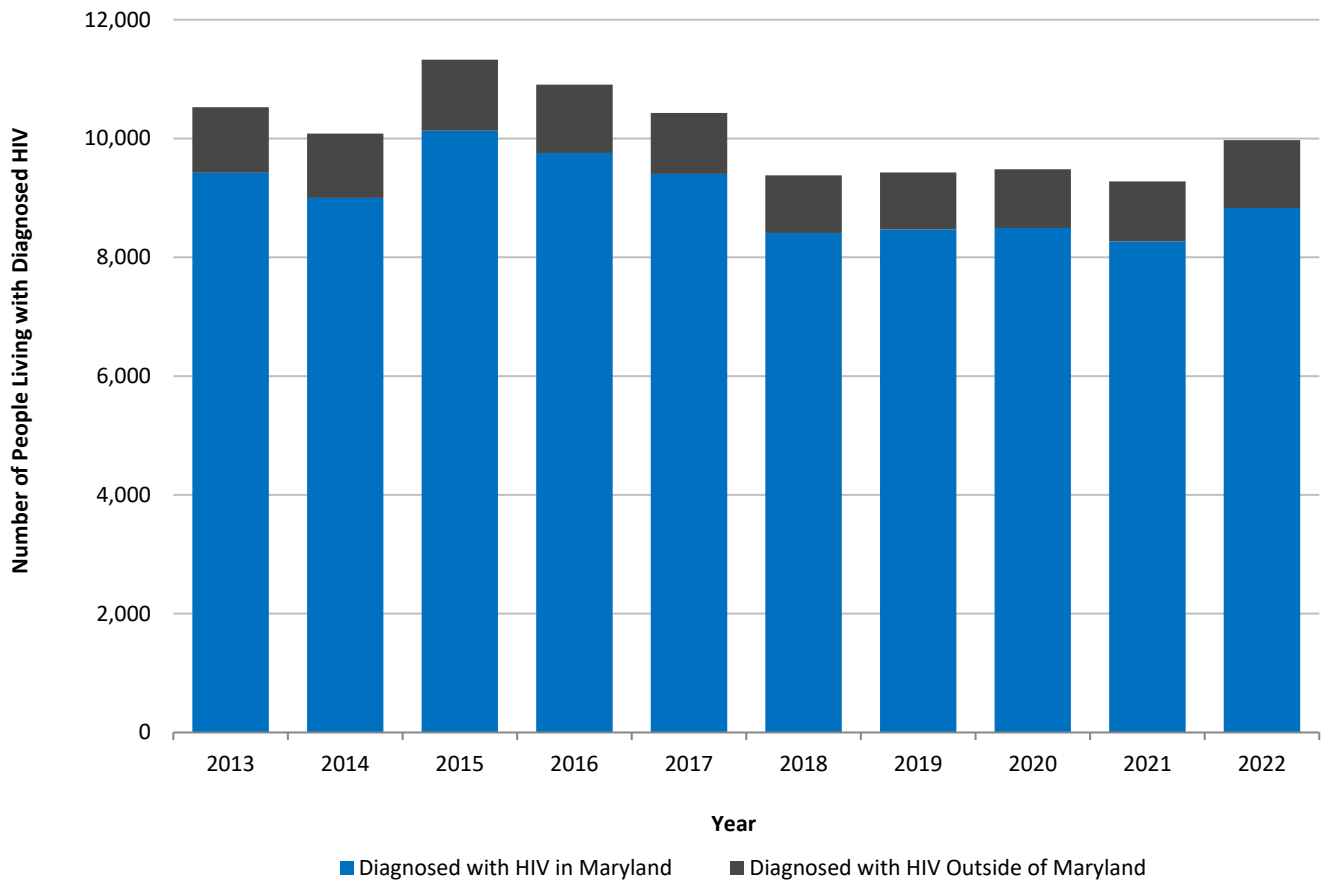


People Living with Diagnosed HIV			People Living with Diagnosed HIV		
Year	Diagnosed with HIV or AIDS in Baltimore City	Current Residents	Year	Diagnosed with HIV or AIDS in Baltimore City	Current Residents
1985	425	--	2004	9,772	--
1986	815	--	2005	10,197	--
1987	1,293	--	2006	10,759	--
1988	2,018	--	2007	11,183	--
1989	2,902	--	2008	11,559	--
1990	3,762	--	2009	11,795	--
1991	4,658	--	2010	12,039	--
1992	5,408	--	2011	12,158	--
1993	6,007	--	2012	12,266	--
1994	6,284	--	2013	12,328	10,549
1995	6,390	--	2014	12,327	10,095
1996	6,628	--	2015	12,357	11,339
1997	7,122	--	2016	12,311	10,918
1998	7,608	--	2017	12,239	10,441
1999	7,983	--	2018	12,136	9,387
2000	8,332	--	2019	12,046	9,435
2001	8,680	--	2020	11,930	9,489
2002	9,104	--	2021	11,738	9,285
2003	9,376	--	2022	11,749	9,979

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

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

People Living with Diagnosed HIV in Baltimore City and Not Reported to have Died as of December 31<sup>st</sup> of Each Year from 2013 through 2022, as Reported through June 30, 2023

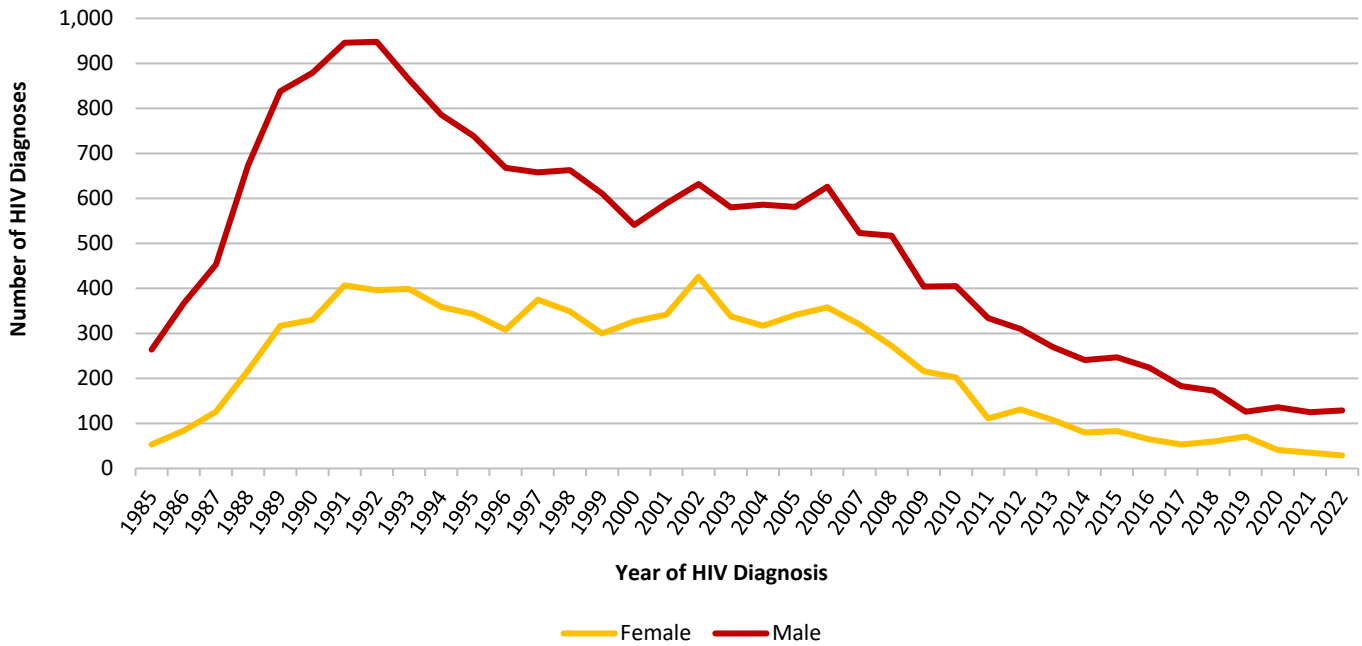


Year	Population Aged 13+	Baltimore City Residents Aged 13+ as of December 31st of the Specified Year		Total	Rate
		Diagnosed with HIV in Maryland	Diagnosed with HIV Outside of Maryland		
2013	523,796	9,422	1,105	10,527	2,009.8
2014	525,032	8,999	1,084	10,083	1,920.5
2015	524,549	10,131	1,196	11,327	2,159.4
2016	520,207	9,758	1,150	10,908	2,096.9
2017	516,394	9,405	1,026	10,431	2,020.0
2018	511,227	8,411	968	9,379	1,834.6
2019	505,057	8,470	959	9,429	1,866.9
2020	495,540	8,493	988	9,481	1,913.3
2021	491,113	8,267	1,011	9,278	1,889.2
2022	485,365	8,830	1,141	9,971	2,054.3

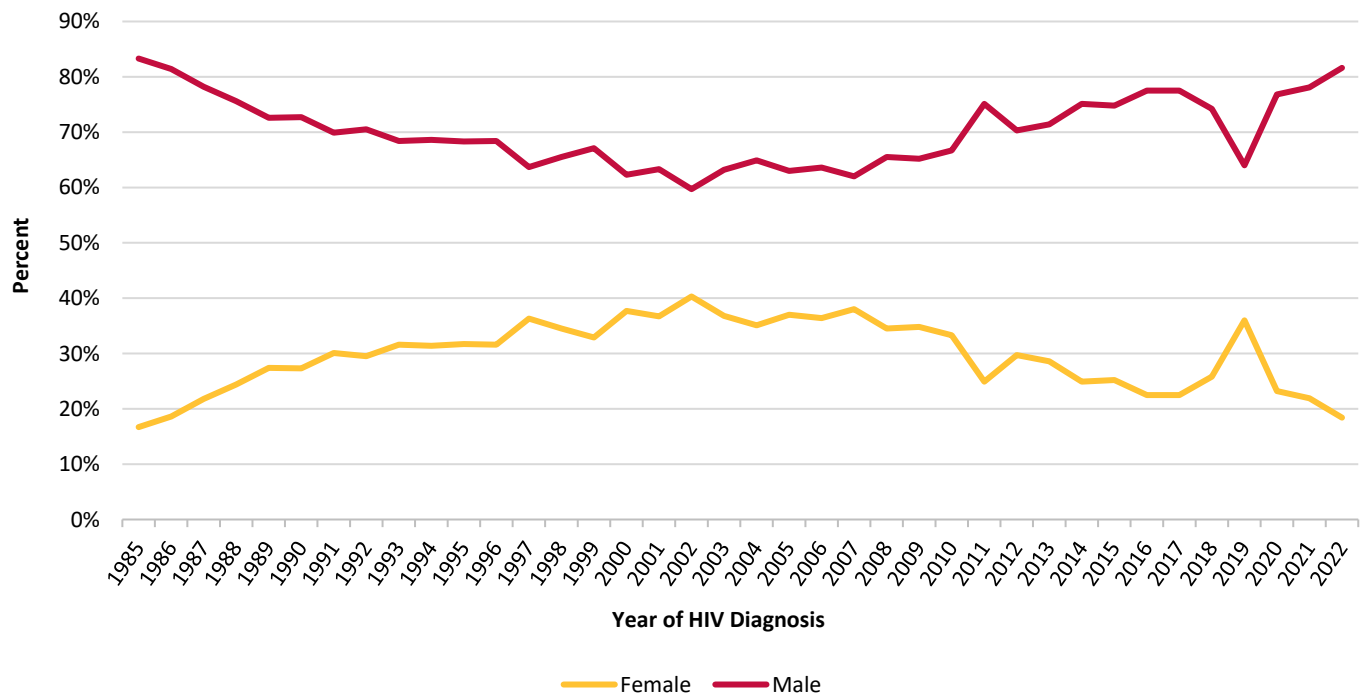
**Figure 4 – Trends in HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Assigned Sex at Birth, 1985-2022, Reported through June 30, 2023**

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

**HIV Diagnoses Among People Aged 13+ by Assigned Sex at Birth, 1985-2022, Reported through June 30, 2023**



**HIV Diagnoses Among People Aged 13+ by Assigned Sex at Birth, 1985-2022, Reported through June 30, 2023**

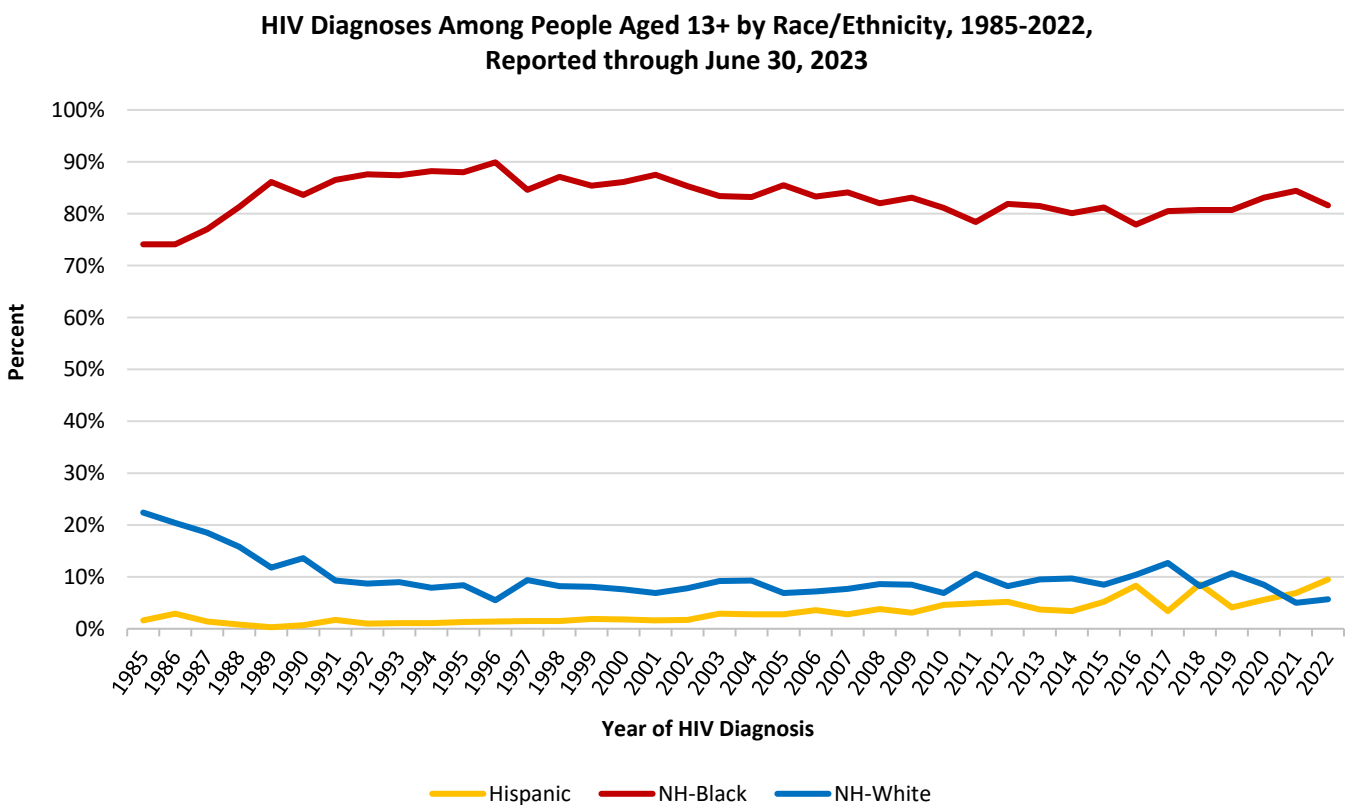
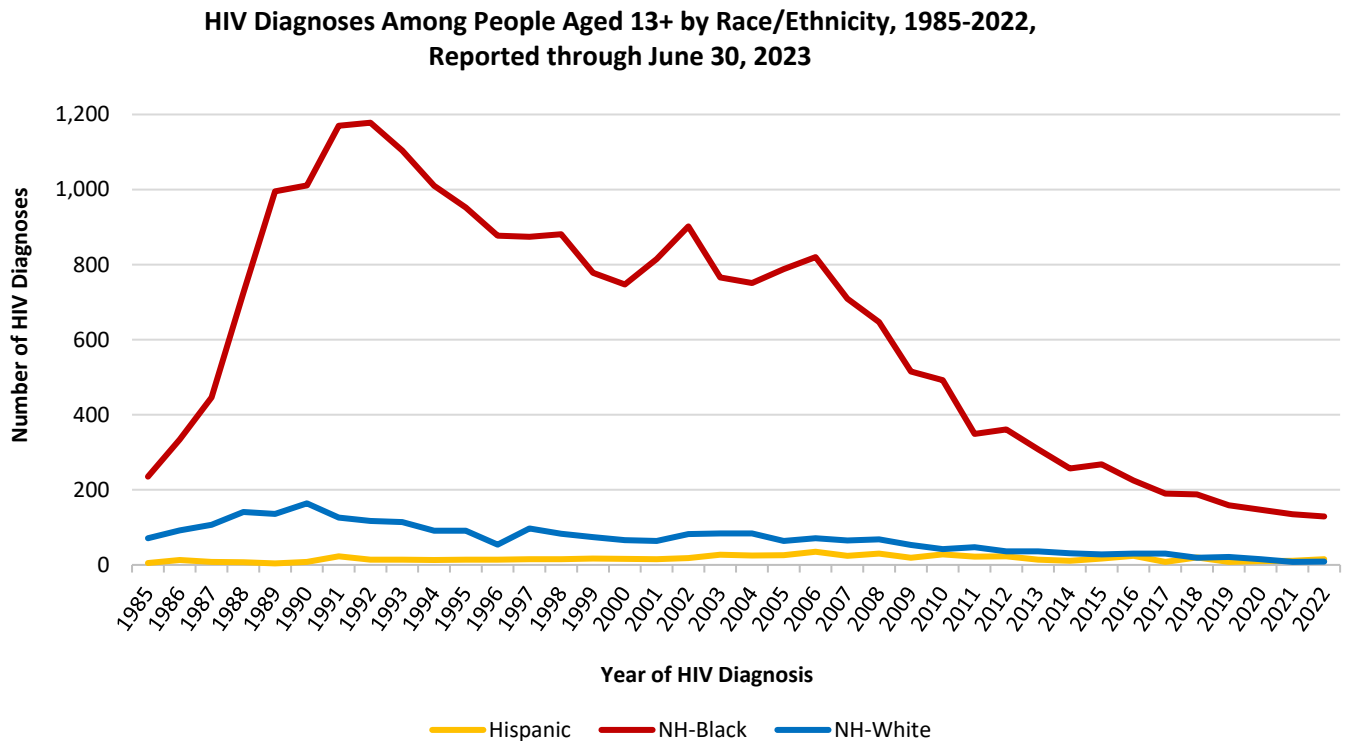


HIV Diagnoses among People Aged 13+

Year of HIV Diagnosis	Number	Assigned Sex at Birth			
		Female		Male	
		Number	Percent	Number	Percent
<1985	168	22	13.1%	146	86.9%
1985	317	53	16.7%	264	83.3%
1986	451	84	18.6%	367	81.4%
1987	579	126	21.8%	453	78.2%
1988	892	218	24.4%	674	75.6%
1989	1,155	317	27.4%	838	72.6%
1990	1,209	330	27.3%	879	72.7%
1991	1,353	407	30.1%	946	69.9%
1992	1,344	396	29.5%	948	70.5%
1993	1,263	399	31.6%	864	68.4%
1994	1,145	359	31.4%	786	68.6%
1995	1,082	343	31.7%	739	68.3%
1996	976	308	31.6%	668	68.4%
1997	1,033	375	36.3%	658	63.7%
1998	1,012	349	34.5%	663	65.5%
1999	911	300	32.9%	611	67.1%
2000	868	327	37.7%	541	62.3%
2001	931	342	36.7%	589	63.3%
2002	1,058	426	40.3%	632	59.7%
2003	918	338	36.8%	580	63.2%
2004	903	317	35.1%	586	64.9%
2005	922	341	37.0%	581	63.0%
2006	984	358	36.4%	626	63.6%
2007	843	320	38.0%	523	62.0%
2008	789	272	34.5%	517	65.5%
2009	620	216	34.8%	404	65.2%
2010	607	202	33.3%	405	66.7%
2011	445	111	24.9%	334	75.1%
2012	441	131	29.7%	310	70.3%
2013	378	108	28.6%	270	71.4%
2014	321	80	24.9%	241	75.1%
2015	330	83	25.2%	247	74.8%
2016	289	65	22.5%	224	77.5%
2017	236	53	22.5%	183	77.5%
2018	233	60	25.8%	173	74.2%
2019	197	71	36.0%	126	64.0%
2020	177	41	23.2%	136	76.8%
2021	160	35	21.9%	125	78.1%
2022	158	29	18.4%	129	81.6%
<b>Total</b>	<b>27,698</b>	<b>8,712</b>	<b>31.5%</b>	<b>18,986</b>	<b>68.5%</b>

**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



NH: Non-Hispanic

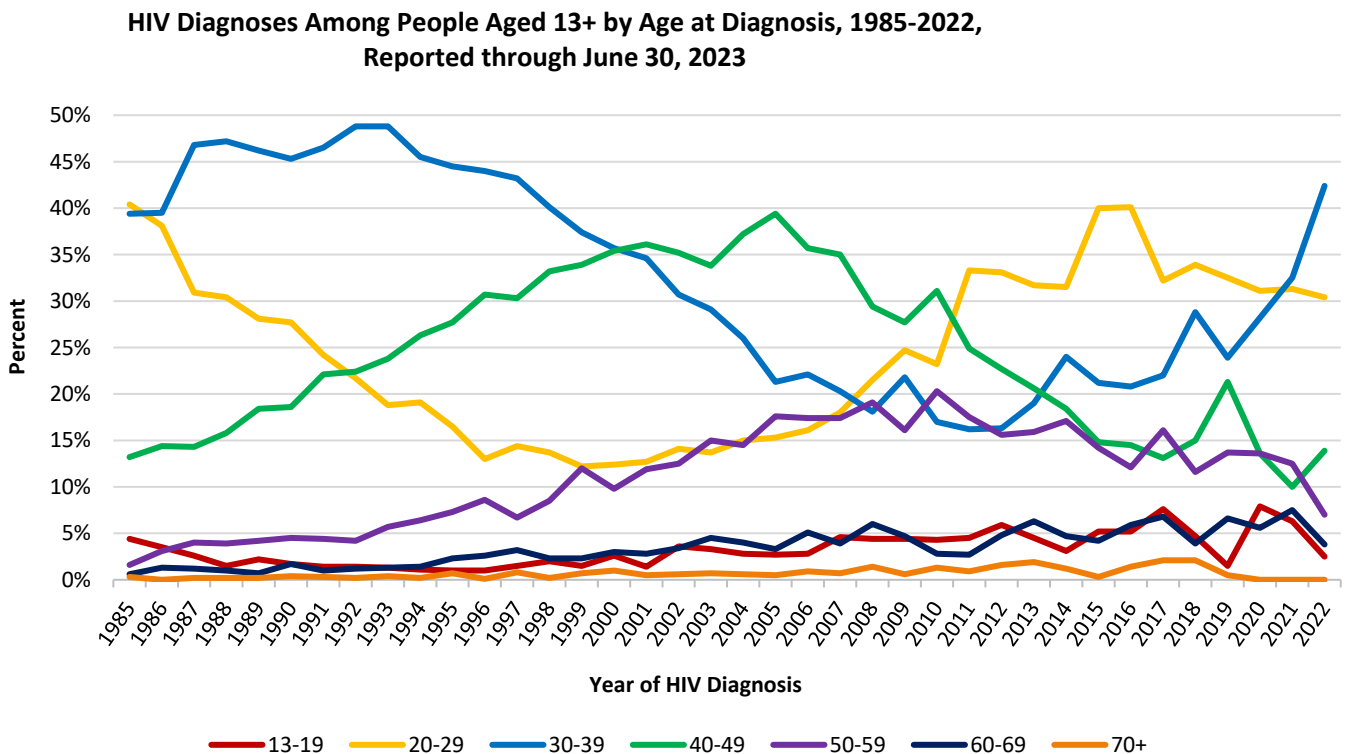
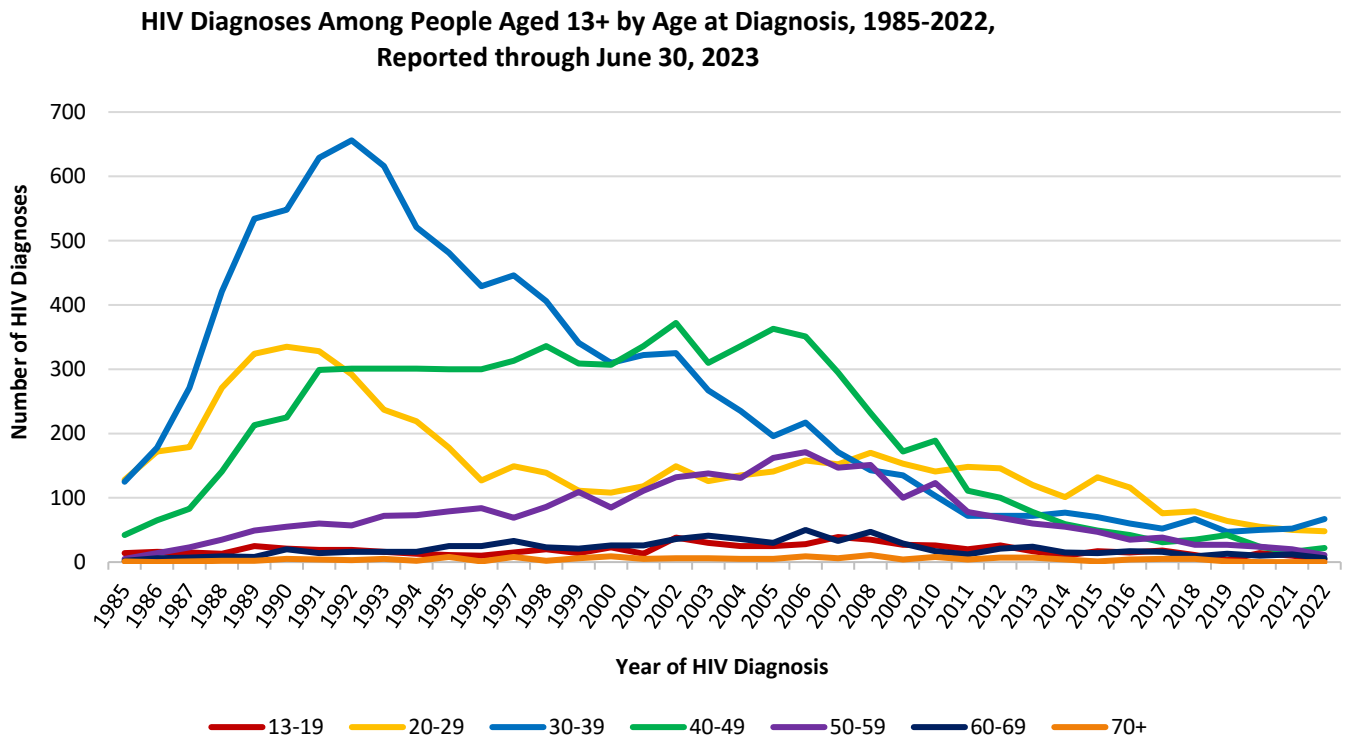
NH-Asian, NH-American Indian, NH-Native Hawaiian/Other Pacific Islander, NH-Multiracial/Another Race not shown

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	168	4	2.4%	101	60.1%	60	35.7%	3	1.8%
1985	317	5	1.6%	235	74.1%	71	22.4%	6	1.9%
1986	451	13	2.9%	334	74.1%	92	20.4%	12	2.7%
1987	579	8	1.4%	446	77.0%	107	18.5%	18	3.1%
1988	892	7	0.8%	725	81.3%	141	15.8%	19	2.1%
1989	1,155	4	0.3%	995	86.1%	136	11.8%	20	1.7%
1990	1,209	8	0.7%	1,011	83.6%	164	13.6%	26	2.2%
1991	1,353	23	1.7%	1,170	86.5%	126	9.3%	34	2.5%
1992	1,344	14	1.0%	1,178	87.6%	117	8.7%	35	2.6%
1993	1,263	14	1.1%	1,104	87.4%	114	9.0%	31	2.5%
1994	1,145	13	1.1%	1,010	88.2%	91	7.9%	31	2.7%
1995	1,082	14	1.3%	952	88.0%	91	8.4%	25	2.3%
1996	976	14	1.4%	877	89.9%	54	5.5%	31	3.2%
1997	1,033	15	1.5%	874	84.6%	97	9.4%	47	4.5%
1998	1,012	15	1.5%	881	87.1%	83	8.2%	33	3.3%
1999	911	17	1.9%	778	85.4%	74	8.1%	42	4.6%
2000	868	16	1.8%	747	86.1%	66	7.6%	39	4.5%
2001	931	15	1.6%	815	87.5%	64	6.9%	37	4.0%
2002	1,058	18	1.7%	902	85.3%	82	7.8%	56	5.3%
2003	918	27	2.9%	766	83.4%	84	9.2%	41	4.5%
2004	903	25	2.8%	751	83.2%	84	9.3%	43	4.8%
2005	922	26	2.8%	788	85.5%	64	6.9%	44	4.8%
2006	984	35	3.6%	820	83.3%	71	7.2%	58	5.9%
2007	843	24	2.8%	709	84.1%	65	7.7%	45	5.3%
2008	789	30	3.8%	647	82.0%	68	8.6%	44	5.6%
2009	620	19	3.1%	515	83.1%	53	8.5%	33	5.3%
2010	607	28	4.6%	492	81.1%	42	6.9%	45	7.4%
2011	445	22	4.9%	349	78.4%	47	10.6%	27	6.1%
2012	441	23	5.2%	361	81.9%	36	8.2%	21	4.8%
2013	378	14	3.7%	308	81.5%	36	9.5%	20	5.3%
2014	321	11	3.4%	257	80.1%	31	9.7%	22	6.9%
2015	330	17	5.2%	268	81.2%	28	8.5%	17	5.2%
2016	289	24	8.3%	225	77.9%	30	10.4%	10	3.5%
2017	236	8	3.4%	190	80.5%	30	12.7%	8	3.4%
2018	233	20	8.6%	188	80.7%	19	8.2%	6	2.6%
2019	197	8	4.1%	159	80.7%	21	10.7%	9	4.6%
2020	177	10	5.6%	147	83.1%	15	8.5%	5	2.8%
2021	160	11	6.9%	135	84.4%	8	5.0%	6	3.8%
2022	158	15	9.5%	129	81.6%	9	5.7%	5	3.2%
<b>Total</b>	<b>27,698</b>	<b>634</b>	<b>2.3%</b>	<b>23,339</b>	<b>84.3%</b>	<b>2,671</b>	<b>9.6%</b>	<b>1,054</b>	<b>3.8%</b>

**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



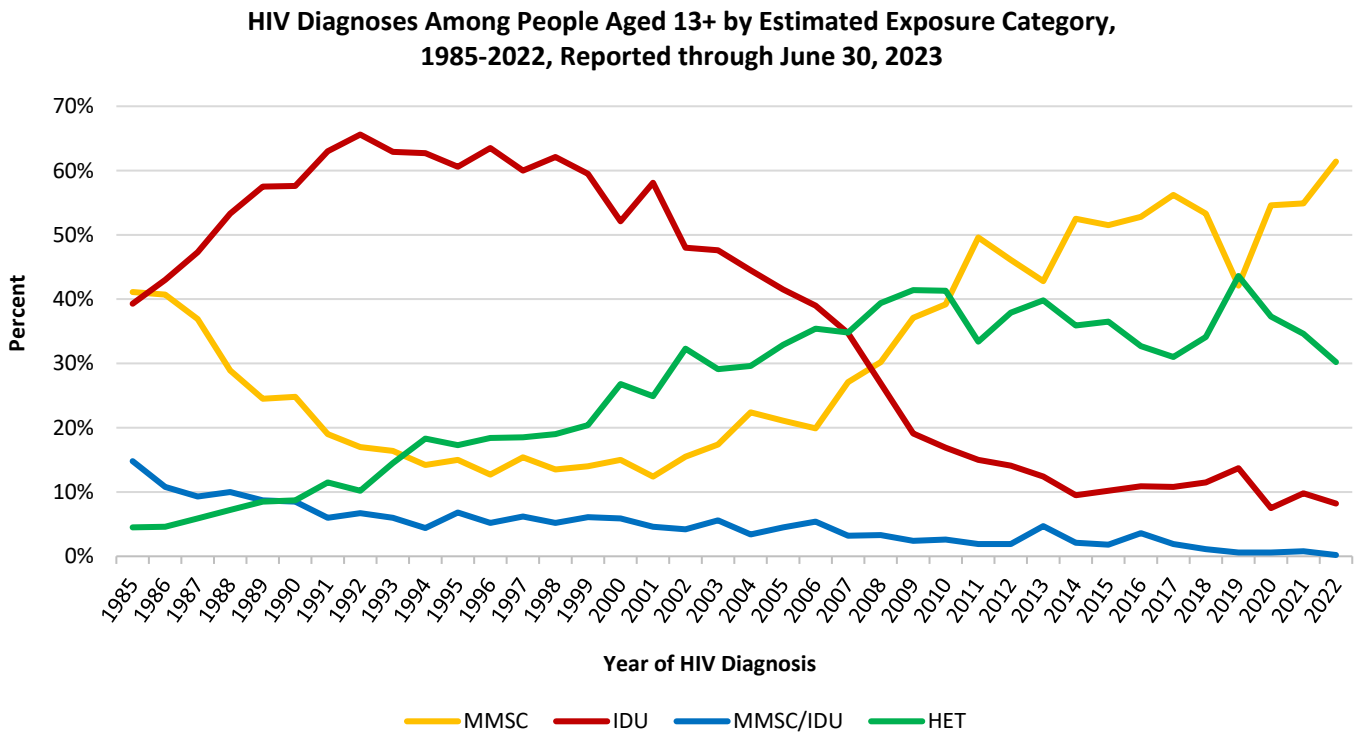
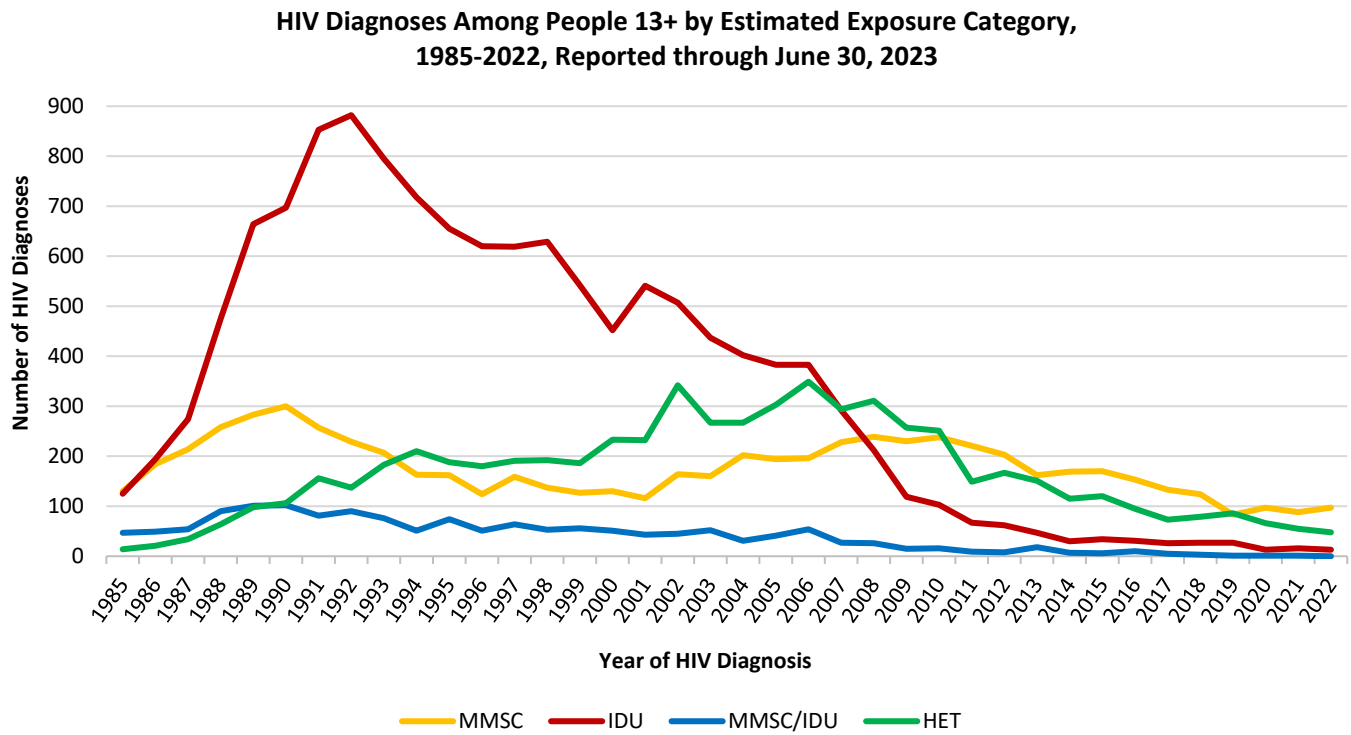


HIV Diagnoses among People Aged 13+

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	168	9	5.4%	75	44.6%	52	31.0%	22	13.1%	9	5.4%	1	0.6%	0	0.0%
1985	317	14	4.4%	128	40.4%	125	39.4%	42	13.2%	5	1.6%	2	0.6%	1	0.3%
1986	451	16	3.5%	172	38.1%	178	39.5%	65	14.4%	14	3.1%	6	1.3%	0	0.0%
1987	579	15	2.6%	179	30.9%	271	46.8%	83	14.3%	23	4.0%	7	1.2%	1	0.2%
1988	892	13	1.5%	271	30.4%	421	47.2%	141	15.8%	35	3.9%	9	1.0%	2	0.2%
1989	1,155	25	2.2%	324	28.1%	534	46.2%	213	18.4%	49	4.2%	8	0.7%	2	0.2%
1990	1,209	21	1.7%	335	27.7%	548	45.3%	225	18.6%	55	4.5%	20	1.7%	5	0.4%
1991	1,353	19	1.4%	328	24.2%	629	46.5%	299	22.1%	60	4.4%	14	1.0%	4	0.3%
1992	1,344	19	1.4%	292	21.7%	656	48.8%	301	22.4%	57	4.2%	16	1.2%	3	0.2%
1993	1,263	16	1.3%	237	18.8%	616	48.8%	301	23.8%	72	5.7%	16	1.3%	5	0.4%
1994	1,145	13	1.1%	219	19.1%	521	45.5%	301	26.3%	73	6.4%	16	1.4%	2	0.2%
1995	1,082	11	1.0%	178	16.5%	481	44.5%	300	27.7%	79	7.3%	25	2.3%	8	0.7%
1996	976	10	1.0%	127	13.0%	429	44.0%	300	30.7%	84	8.6%	25	2.6%	1	0.1%
1997	1,033	15	1.5%	149	14.4%	446	43.2%	313	30.3%	69	6.7%	33	3.2%	8	0.8%
1998	1,012	20	2.0%	139	13.7%	406	40.1%	336	33.2%	86	8.5%	23	2.3%	2	0.2%
1999	911	14	1.5%	111	12.2%	341	37.4%	309	33.9%	109	12.0%	21	2.3%	6	0.7%
2000	868	23	2.6%	108	12.4%	310	35.7%	307	35.4%	85	9.8%	26	3.0%	9	1.0%
2001	931	13	1.4%	118	12.7%	322	34.6%	336	36.1%	111	11.9%	26	2.8%	5	0.5%
2002	1,058	38	3.6%	149	14.1%	325	30.7%	372	35.2%	132	12.5%	36	3.4%	6	0.6%
2003	918	30	3.3%	126	13.7%	267	29.1%	310	33.8%	138	15.0%	41	4.5%	6	0.7%
2004	903	25	2.8%	135	15.0%	235	26.0%	336	37.2%	131	14.5%	36	4.0%	5	0.6%
2005	922	25	2.7%	141	15.3%	196	21.3%	363	39.4%	162	17.6%	30	3.3%	5	0.5%
2006	984	28	2.8%	158	16.1%	217	22.1%	351	35.7%	171	17.4%	50	5.1%	9	0.9%
2007	843	39	4.6%	152	18.0%	171	20.3%	295	35.0%	147	17.4%	33	3.9%	6	0.7%
2008	789	35	4.4%	170	21.5%	143	18.1%	232	29.4%	151	19.1%	47	6.0%	11	1.4%
2009	620	27	4.4%	153	24.7%	135	21.8%	172	27.7%	100	16.1%	29	4.7%	4	0.6%
2010	607	26	4.3%	141	23.2%	103	17.0%	189	31.1%	123	20.3%	17	2.8%	8	1.3%
2011	445	20	4.5%	148	33.3%	72	16.2%	111	24.9%	78	17.5%	12	2.7%	4	0.9%
2012	441	26	5.9%	146	33.1%	72	16.3%	100	22.7%	69	15.6%	21	4.8%	7	1.6%
2013	378	17	4.5%	120	31.7%	72	19.0%	78	20.6%	60	15.9%	24	6.3%	7	1.9%
2014	321	10	3.1%	101	31.5%	77	24.0%	59	18.4%	55	17.1%	15	4.7%	4	1.2%
2015	330	17	5.2%	132	40.0%	70	21.2%	49	14.8%	47	14.2%	14	4.2%	1	0.3%
2016	289	15	5.2%	116	40.1%	60	20.8%	42	14.5%	35	12.1%	17	5.9%	4	1.4%
2017	236	18	7.6%	76	32.2%	52	22.0%	31	13.1%	38	16.1%	16	6.8%	5	2.1%
2018	233	11	4.7%	79	33.9%	67	28.8%	35	15.0%	27	11.6%	9	3.9%	5	2.1%
2019	197	3	1.5%	64	32.5%	47	23.9%	42	21.3%	27	13.7%	13	6.6%	1	0.5%
2020	177	14	7.9%	55	31.1%	50	28.2%	24	13.6%	24	13.6%	10	5.6%	0	0.0%
2021	160	10	6.3%	50	31.3%	52	32.5%	16	10.0%	20	12.5%	12	7.5%	0	0.0%
2022	158	4	2.5%	48	30.4%	67	42.4%	22	13.9%	11	7.0%	6	3.8%	0	0.0%
<b>Total</b>	<b>27,698</b>	<b>724</b>	<b>2.6%</b>	<b>5,950</b>	<b>21.5%</b>	<b>9,836</b>	<b>35.5%</b>	<b>7,423</b>	<b>26.8%</b>	<b>2,821</b>	<b>10.2%</b>	<b>782</b>	<b>2.8%</b>	<b>162</b>	<b>0.6%</b>

**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<sup>§</sup> 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 <sup>‡</sup>	Estimated Exposure Category <sup>§</sup>									
			MMSC		IDU		MMSC/IDU		HET		Other Exposure	
			No.	%	No.	%	No.	%	No.	%	No.	%
<1985	168	3.0%	94	56.2%	50	29.6%	19	11.0%	4	2.6%	1	0.6%
1985	317	3.5%	130	41.1%	125	39.3%	47	14.8%	14	4.5%	1	0.3%
1986	451	1.6%	184	40.7%	194	43.0%	49	10.8%	21	4.6%	4	0.9%
1987	579	2.4%	214	36.9%	274	47.3%	54	9.3%	34	5.9%	3	0.5%
1988	892	2.4%	258	28.9%	475	53.3%	90	10.0%	64	7.2%	5	0.6%
1989	1,155	1.9%	283	24.5%	664	57.5%	101	8.7%	98	8.5%	9	0.8%
1990	1,209	3.2%	300	24.8%	697	57.6%	102	8.5%	106	8.7%	5	0.4%
1991	1,353	3.5%	257	19.0%	853	63.0%	81	6.0%	156	11.5%	7	0.5%
1992	1,344	3.7%	229	17.0%	882	65.6%	90	6.7%	137	10.2%	7	0.5%
1993	1,263	1.8%	207	16.4%	795	62.9%	76	6.0%	183	14.5%	2	0.2%
1994	1,145	3.1%	163	14.2%	718	62.7%	51	4.4%	210	18.3%	4	0.3%
1995	1,082	3.0%	162	15.0%	655	60.6%	74	6.8%	188	17.3%	3	0.3%
1996	976	3.9%	124	12.7%	620	63.5%	51	5.2%	180	18.4%	2	0.2%
1997	1,033	5.8%	159	15.4%	619	60.0%	64	6.2%	191	18.5%	0	0.0%
1998	1,012	5.0%	137	13.5%	629	62.1%	53	5.2%	192	19.0%	2	0.2%
1999	911	6.4%	127	14.0%	542	59.5%	56	6.1%	186	20.4%	0	0.0%
2000	868	6.5%	130	15.0%	452	52.1%	51	5.9%	233	26.8%	2	0.2%
2001	931	7.1%	116	12.4%	541	58.1%	43	4.6%	232	24.9%	0	0.0%
2002	1,058	9.3%	164	15.5%	507	48.0%	45	4.2%	342	32.3%	0	0.0%
2003	918	9.3%	160	17.4%	437	47.6%	52	5.6%	267	29.1%	3	0.3%
2004	903	10.1%	202	22.4%	402	44.5%	31	3.4%	267	29.6%	1	0.1%
2005	922	14.4%	194	21.1%	383	41.5%	41	4.5%	303	32.9%	1	0.1%
2006	984	19.5%	196	19.9%	383	39.0%	54	5.4%	349	35.4%	2	0.2%
2007	843	20.3%	228	27.1%	292	34.7%	27	3.2%	294	34.8%	2	0.2%
2008	789	22.1%	239	30.2%	212	26.9%	26	3.3%	311	39.4%	1	0.1%
2009	620	28.4%	230	37.1%	119	19.1%	15	2.4%	257	41.4%	0	0.0%
2010	607	28.7%	238	39.2%	103	16.9%	16	2.6%	251	41.3%	0	0.0%
2011	445	21.1%	221	49.6%	67	15.0%	9	1.9%	149	33.4%	0	0.0%
2012	441	19.0%	203	46.1%	62	14.1%	8	1.9%	167	37.9%	0	0.0%
2013	378	9.8%	162	42.8%	47	12.4%	18	4.7%	151	39.8%	1	0.3%
2014	321	9.7%	169	52.5%	30	9.5%	7	2.1%	115	35.9%	0	0.0%
2015	330	3.0%	170	51.5%	34	10.2%	6	1.8%	120	36.5%	0	0.0%
2016	289	9.0%	153	52.8%	31	10.9%	10	3.6%	95	32.7%	0	0.0%
2017	236	12.7%	133	56.2%	26	10.8%	5	1.9%	73	31.0%	0	0.0%
2018	233	12.4%	124	53.3%	27	11.5%	3	1.1%	79	34.1%	0	0.0%
2019	197	8.6%	83	42.1%	27	13.7%	1	0.6%	86	43.6%	0	0.0%
2020	177	5.6%	97	54.6%	13	7.5%	1	0.6%	66	37.3%	0	0.0%
2021	160	10.6%	88	54.9%	16	9.8%	1	0.8%	55	34.6%	0	0.0%
2022	158	19.0%	97	61.4%	13	8.2%	0	0.2%	48	30.2%	0	0.0%
<b>Total</b>	<b>27,698</b>	<b>8.5%</b>	<b>6,825</b>	<b>24.6%</b>	<b>13,016</b>	<b>47.0%</b>	<b>1,528</b>	<b>5.5%</b>	<b>6,274</b>	<b>22.7%</b>	<b>68</b>	<b>0.2%</b>

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

<sup>‡</sup>Percent with no reported exposure prior to multiple imputation adjustment.

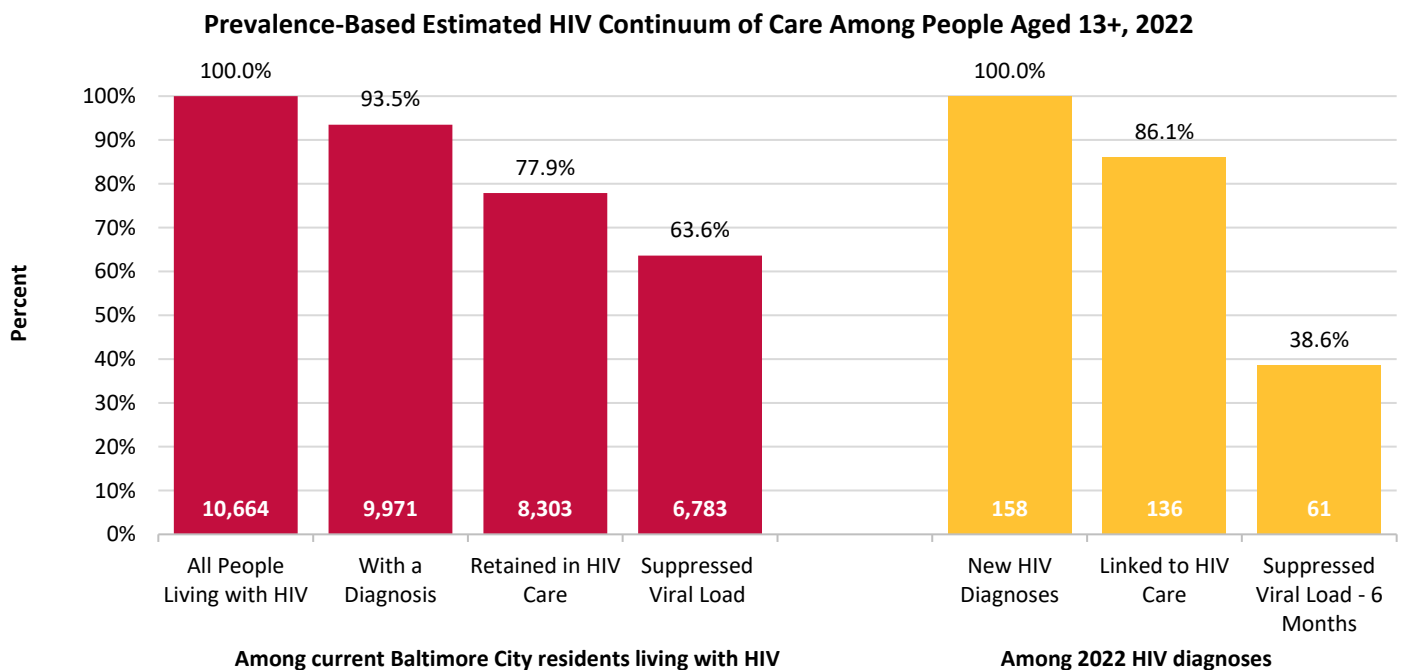
Note. Discrepancies in the table between total HIV diagnoses and the sums by exposure category are due to less than 1 percent of people missing transmission category after multiple imputation.

### Section III – Continuum of Care Cascades

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

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

The prevalence-based Baltimore City 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 (6.5%) and the estimated number of people living with HIV currently residing in Baltimore City. Maryland surveillance data is then used to describe the number and percentage of people living with HIV in Baltimore City 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.

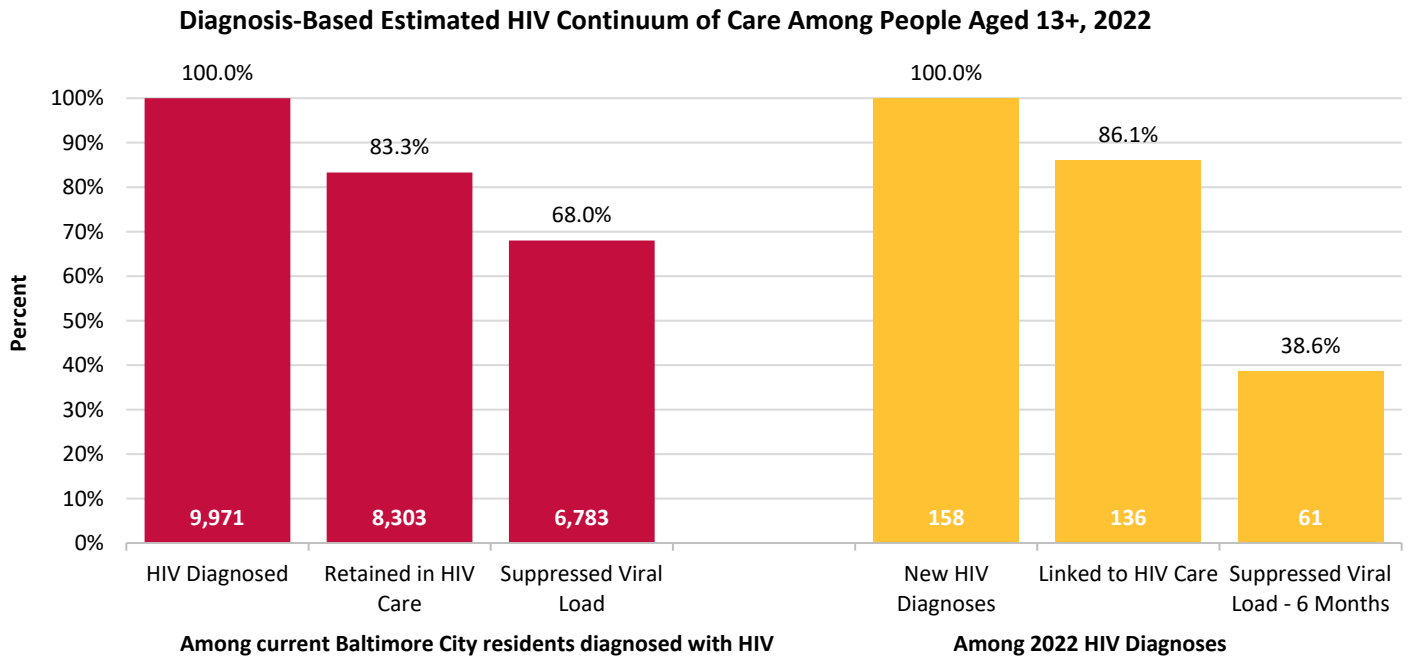


Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2022 HIV Diagnoses	
	Number	Percent		Number	Percent
All People Living with HIV	10,664	100.0%	New HIV Diagnoses	158	100.0%
With a Diagnosis	9,971	93.5%	Linked to HIV Care	136	86.1%
Retained in HIV Care	8,303	77.9%	Suppressed Viral Load – 6 Months	61	38.6%
Suppressed Viral Load	6,783	63.6%			

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

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

The diagnosis-based Baltimore City Engagement in HIV Care Cascade (below) uses Maryland surveillance data for current Baltimore City residents to describe the number and percentage of people living with diagnosed HIV in Baltimore City 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	9,971	100.0%	New HIV Diagnoses	158	100.0%
Retained in HIV Care	8,303	83.3%	Linked to HIV Care	136	86.1%
Suppressed Viral Load	6,783	68.0%	Suppressed Viral Load – 6 Months	61	38.6%

## Section IV – By ZIP Code

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

ZIP Code of Residence at Diagnosis	Population Aged 13+	HIV Diagnoses among People Aged 13+			AIDS Diagnoses among People Aged 13+		
		No.	% of Total	Rate	No.	% of Total	Rate
21201	16,091	7	4.4%	43.5	4	4.3%	24.9
21202	19,629	11	7.0%	56.0	6	6.5%	30.6
21205	11,507	7	4.4%	60.8	3	3.2%	26.1
21206	31,552	7	4.4%	22.2	9	9.7%	28.5
21207	10,370	3	1.9%	28.9	1	1.1%	9.6
21208	1,634	0	0.0%	0.0	0	0.0%	0.0
21209	10,009	1	0.6%	10.0	0	0.0%	0.0
21210	11,897	0	0.0%	0.0	0	0.0%	0.0
21211	15,569	0	0.0%	0.0	0	0.0%	0.0
21212	16,971	5	3.2%	29.5	0	0.0%	0.0
21213	22,691	10	6.3%	44.1	3	3.2%	13.2
21214	15,936	4	2.5%	25.1	2	2.2%	12.6
21215	42,041	17	10.8%	40.4	12	12.9%	28.5
21216	22,625	8	5.1%	35.4	5	5.4%	22.1
21217	25,272	15	9.5%	59.4	9	9.7%	35.6
21218	40,112	6	3.8%	15.0	11	11.8%	27.4
21222	1,482	0	0.0%	0.0	0	0.0%	0.0
21223	16,354	10	6.3%	61.1	7	7.5%	42.8
21224	36,558	11	7.0%	30.1	5	5.4%	13.7
21225	13,307	10	6.3%	75.1	2	2.2%	15.0
21226	2,306	1	0.6%	43.4	0	0.0%	0.0
21227	665	0	0.0%	0.0	0	0.0%	0.0
21228	208	0	0.0%	0.0	0	0.0%	0.0
21229	29,409	8	5.1%	27.2	3	3.2%	10.2
21230	31,040	4	2.5%	12.9	4	4.3%	12.9
21231	14,673	2	1.3%	13.6	1	1.1%	6.8
21234	6,990	2	1.3%	28.6	1	1.1%	14.3
21236	131	0	0.0%	0.0	0	0.0%	0.0
21237	34	0	0.0%	0.0	0	0.0%	0.0
21239	18,032	4	2.5%	22.2	0	0.0%	0.0
21251	268	0	0.0%	0.0	0	0.0%	0.0
Unknown	--	5	3.2%	--	5	5.4%	--
<b>Total</b>	<b>485,365</b>	<b>158</b>	<b>100.0%</b>	<b>32.6</b>	<b>93</b>	<b>100.0%</b>	<b>19.2</b>

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

ZIP Code of Residence at HIV Diagnosis	HIV Diagnoses among People Aged 13+					
	No.	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	First CD4 Test Result	
					% with Test	Median Count
21201	7	***	***	0.0%	100.0%	505
21202	11	100.0%	***	***	100.0%	530
21205	7	100.0%	***	***	100.0%	455
21206	7	85.7%	***	***	100.0%	244
21212	5	***	***	0.0%	100.0%	429
21213	10	80.0%	50.0%	0.0%	100.0%	483
21215	17	82.4%	29.4%	***	100.0%	464
21216	8	87.5%	***	***	87.5%	589
21217	15	86.7%	60.0%	0.0%	93.3%	611
21218	6	100.0%	***	***	100.0%	229
21223	10	70.0%	***	***	90.0%	346
21224	11	100.0%	***	***	100.0%	345
21225	10	80.0%	60.0%	***	100.0%	512
21229	8	100.0%	***	***	100.0%	433
<b>Total</b>	158	86.1%	38.6%	15.8%	96.8%	442

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

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

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

ZIP Code of Residence	Population Aged 13+	Total People Aged 13+ Living with Diagnosed HIV								
		Residence at Diagnosis				Current Residence				% Change
		No.	% of Total	Rate	Ratio (1 in X)	No.	% of Total	Rate	Ratio (1 in X)	
21201	16,091	490	4.2%	3,045.1	33	572	5.7%	3,554.7	28	16.7%
21202	19,629	811	6.9%	4,131.7	24	570	5.7%	2,903.9	34	-29.7%
21205	11,507	508	4.3%	4,414.6	23	334	3.3%	2,902.5	34	-34.3%
21206	31,552	572	4.9%	1,812.9	55	637	6.4%	2,018.9	50	11.4%
21207	10,370	277	2.4%	2,671.2	37	215	2.2%	2,073.3	48	-22.4%
21208	1,634	7	0.1%	428.4	233	11	0.1%	673.2	149	57.1%
21209	10,009	61	0.5%	609.5	164	69	0.7%	689.4	145	13.1%
21210	11,897	33	0.3%	277.4	361	42	0.4%	353.0	283	27.3%
21211	15,569	133	1.1%	854.3	117	102	1.0%	655.2	153	-23.3%
21212	16,971	268	2.3%	1,579.2	63	300	3.0%	1,767.8	57	11.9%
21213	22,691	882	7.5%	3,887.0	26	696	7.0%	3,067.3	33	-21.1%
21214	15,936	204	1.7%	1,280.1	78	232	2.3%	1,455.8	69	13.7%
21215	42,041	1,099	9.4%	2,614.1	38	947	9.5%	2,252.5	44	-13.8%
21216	22,625	694	5.9%	3,067.4	33	619	6.2%	2,735.9	37	-10.8%
21217	25,272	1,291	11.0%	5,108.5	20	955	9.6%	3,778.9	26	-26.0%
21218	40,112	1,104	9.4%	2,752.3	36	872	8.7%	2,173.9	46	-21.0%
21222	1,482	12	0.1%	809.6	124	25	0.3%	1,686.6	59	108.3%
21223	16,354	718	6.1%	4,390.3	23	543	5.4%	3,320.3	30	-24.4%
21224	36,558	442	3.8%	1,209.0	83	327	3.3%	894.5	112	-26.0%
21225	13,307	293	2.5%	2,201.8	45	252	2.5%	1,893.7	53	-14.0%
21226	2,306	36	0.3%	1,561.5	64	47	0.5%	2,038.6	49	30.6%
21227	665	***	***	***	***	***	***	***	***	***
21228	208	***	***	***	***	***	***	***	***	***
21229	29,409	624	5.3%	2,121.8	47	651	6.5%	2,213.6	45	4.3%
21230	31,040	331	2.8%	1,066.4	94	301	3.0%	969.7	103	-9.1%
21231	14,673	243	2.1%	1,656.1	60	173	1.7%	1,179.1	85	-28.8%
21234	6,990	81	0.7%	1,158.8	86	69	0.7%	987.1	101	-14.8%
21236	131	***	***	***	***	***	***	***	***	***
21237	34	***	***	***	***	***	***	***	***	***
21239	18,032	315	2.7%	1,746.9	57	309	3.1%	1,713.7	58	-1.9%
21251	268	***	***	***	***	***	***	***	***	***
Unknown	--	155	1.3%	--	--	89	0.9%	--	--	--
<b>Total</b>	<b>485,365</b>	<b>11,742</b>	<b>100.0%</b>	<b>2,419.2</b>	<b>41</b>	<b>9,971</b>	<b>100.0%</b>	<b>2,054.3</b>	<b>49</b>	<b>-15.1%</b>

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



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

ZIP Code of Current Residence	Total People Aged 13+ Living with Diagnosed HIV							
	No.	Recent CD4 Test Result						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
21201	572	424	74.1%	665	7.5%	6.4%	15.8%	70.3%
21202	570	426	74.7%	598	9.2%	13.8%	15.5%	61.5%
21205	334	232	69.5%	670	9.5%	11.2%	12.5%	66.8%
21206	637	496	77.9%	645	5.4%	11.9%	16.3%	66.3%
21207	215	161	74.9%	678	8.1%	11.8%	11.8%	68.3%
21208	11	8	72.7%	601	0.0%	12.5%	37.5%	50.0%
21209	69	60	87.0%	741	3.3%	8.3%	10.0%	78.3%
21210	42	29	69.0%	574	0.0%	10.3%	17.2%	72.4%
21211	102	77	75.5%	616	9.1%	5.2%	20.8%	64.9%
21212	300	234	78.0%	723	5.6%	7.3%	12.8%	74.4%
21213	696	531	76.3%	625	8.1%	12.6%	15.3%	64.0%
21214	232	172	74.1%	653	8.7%	8.1%	9.9%	73.3%
21215	947	753	79.5%	632	8.2%	11.4%	14.7%	65.6%
21216	619	463	74.8%	612	9.1%	11.7%	13.8%	65.4%
21217	955	728	76.2%	609	9.8%	11.4%	17.4%	61.4%
21218	872	666	76.4%	618	9.3%	12.0%	13.5%	65.2%
21222	25	16	64.0%	755	6.3%	0.0%	12.5%	81.3%
21223	543	389	71.6%	603	10.8%	9.8%	15.4%	64.0%
21224	327	246	75.2%	625	5.7%	11.8%	17.9%	64.6%
21225	252	191	75.8%	728	9.4%	6.3%	13.1%	71.2%
21226	47	33	70.2%	558	15.2%	12.1%	12.1%	60.6%
21227	***	***	***	***	***	***	***	***
21228	***	***	***	***	***	***	***	***
21229	651	503	77.3%	619	8.0%	12.7%	15.3%	64.0%
21230	301	231	76.7%	668	9.1%	11.3%	14.7%	64.9%
21231	173	128	74.0%	653	11.7%	8.6%	13.3%	66.4%
21234	69	55	79.7%	691	5.5%	7.3%	10.9%	76.4%
21236	***	***	***	***	***	***	***	***
21237	***	***	***	***	***	***	***	***
21239	309	254	82.2%	635	7.1%	9.8%	14.2%	68.9%
21251	***	***	***	***	***	***	***	***
Unknown	87	38	43.7%	472	18.4%	7.9%	28.9%	44.7%
<b>Total</b>	<b>9,971</b>	<b>7,555</b>	<b>75.8%</b>	<b>633</b>	<b>8.4%</b>	<b>10.9%</b>	<b>15.0%</b>	<b>65.8%</b>

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

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

ZIP Code of Current Residence	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
21201	572	454	79.4%	87.2%	7,505
21202	570	425	74.6%	83.1%	8,530
21205	334	246	73.7%	87.8%	9,910
21206	637	497	78.0%	87.7%	7,910
21207	215	167	77.7%	90.4%	20,450
21208	11	9	81.8%	100.0%	--
21209	69	58	84.1%	98.3%	10,300
21210	42	35	83.3%	97.1%	5,100
21211	102	83	81.4%	92.8%	1,014
21212	300	236	78.7%	90.7%	2,315
21213	696	557	80.0%	90.1%	2,670
21214	232	186	80.2%	92.5%	1,080
21215	947	754	79.6%	88.2%	7,110
21216	619	472	76.3%	88.3%	17,900
21217	955	733	76.8%	88.1%	7,170
21218	872	678	77.8%	86.4%	8,345
21222	25	16	64.0%	100.0%	--
21223	543	398	73.3%	83.2%	3,840
21224	327	254	77.7%	89.4%	2,810
21225	252	191	75.8%	82.7%	3,780
21226	47	36	76.6%	83.3%	15,655
21227	***	***	***	***	***
21228	***	***	***	***	***
21229	651	516	79.3%	88.2%	3,330
21230	301	227	75.4%	89.4%	14,430
21231	173	130	75.1%	90.8%	13,955
21234	69	53	76.8%	96.2%	27,562
21236	***	***	***	***	***
21237	***	***	***	***	***
21239	309	253	81.9%	89.7%	8,680
21251	***	***	***	***	***
Unknown	87	37	42.5%	73.0%	13,254
<b>Total</b>	<b>9,971</b>	<b>7,711</b>	<b>77.3%</b>	<b>88.0%</b>	<b>6,710</b>

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

## Section V – By Age

**Table 6 – HIV Diagnoses during 2022, Linked to Care, Viral Suppression, Late Diagnosis, and First CD4 Test Result by Age at HIV Diagnosis, Reported through June 30, 2023**

Age at HIV Diagnosis	Population	HIV Diagnoses						First CD4 Test Result	
		No.	% of Total	Rate	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	% with Test	Median Count
<5 (Pediatric)	33,762	2	1.2%	5.9	***	***	***	***	***
5-12 (Pediatric)	50,804	1	0.6%	2.0	***	***	***	***	***
13-19	46,343	4	2.5%	8.6	***	***	***	***	***
20-29	86,728	48	29.8%	55.3	83.3%	37.5%	***	97.9%	472
30-39	97,771	67	41.6%	68.5	83.6%	37.3%	16.4%	95.5%	491
40-49	64,361	22	13.7%	34.2	90.9%	40.9%	***	100.0%	384
50-59	64,904	11	6.8%	16.9	90.9%	***	45.5%	90.9%	282
60-69	66,329	6	3.7%	9.0	100.0%	***	***	100.0%	244
70+	58,929	0	0.0%	0.0	--	--	--	--	--
<b>Total</b>	<b>569,931</b>	<b>161</b>	<b>100.0%</b>	<b>28.2</b>	<b>86.3%</b>	<b>38.5%</b>	<b>16.1%</b>	<b>96.9%</b>	<b>442</b>
<b>Alternate Age Categories</b>									
13-24	84,520	26	16.5%	30.8	92.3%	50.0%	0.0%	100.0%	436
25-34	102,231	64	40.5%	62.6	82.8%	35.9%	14.1%	93.8%	506
35-44	79,811	39	24.7%	48.9	84.6%	38.5%	17.9%	100.0%	431
45-54	59,392	17	10.8%	28.6	82.4%	29.4%	29.4%	94.1%	345
55-64	70,042	9	5.7%	12.8	***	***	***	***	***
65+	89,369	3	1.9%	3.4	***	***	***	***	***
<b>Total</b>	<b>485,365</b>	<b>158</b>	<b>100.0%</b>	<b>32.6</b>	<b>86.3%</b>	<b>38.5%</b>	<b>16.1%</b>	<b>96.9%</b>	<b>442</b>

\*\*\* 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)	33,762	3	0.0%	8.9	11,254
5-12 (Pediatric)	50,804	5	0.1%	9.8	10,161
13-19	46,343	20	0.2%	43.2	2,317
20-29	86,728	583	5.8%	672.2	149
30-39	97,771	1,781	17.8%	1,821.6	55
40-49	64,361	1,541	15.4%	2,394.3	42
50-59	64,904	2,695	27.0%	4,152.3	24
60-69	66,329	2,605	26.1%	3,927.4	25
70+	58,929	746	7.5%	1,265.9	79
<b>Total</b>	<b>569,931</b>	<b>9,979</b>	<b>100.0%</b>	<b>1,750.9</b>	<b>57</b>
<b>Alternate Age Categories</b>					
13-24	84,520	190	1.9%	224.8	445
25-34	102,231	1,237	12.4%	1,210.0	83
35-44	79,811	1,754	17.6%	2,197.7	46
45-54	59,392	1,833	18.4%	3,086.3	32
55-64	70,042	3,200	32.1%	4,568.7	22
65+	89,369	1,757	17.6%	1,966.0	51
<b>Total</b>	<b>485,365</b>	<b>9,971</b>	<b>100.0%</b>	<b>2,054.3</b>	<b>49</b>

**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	20	17	85.0%	615	5.9%	5.9%	11.8%	76.5%
20-29	583	463	79.4%	690	7.3%	8.0%	11.9%	72.8%
30-39	1,781	1,320	74.1%	663	8.7%	9.4%	12.6%	69.3%
40-49	1,541	1,099	71.3%	651	8.3%	9.6%	16.4%	65.8%
50-59	2,695	2,013	74.7%	622	8.7%	11.8%	14.1%	65.4%
60-69	2,605	2,057	79.0%	608	8.8%	11.4%	16.5%	63.3%
70+	746	586	78.6%	581	6.7%	14.0%	17.9%	61.4%
<b>Total</b>	<b>9,971</b>	<b>7,555</b>	<b>75.8%</b>	<b>633</b>	<b>8.4%</b>	<b>10.9%</b>	<b>15.0%</b>	<b>65.8%</b>
<b>Alternate Age Categories</b>								
13-24	190	158	83.2%	705	3.2%	7.6%	8.2%	81.0%
25-34	1,237	942	76.2%	664	8.6%	9.1%	12.8%	69.4%
35-44	1,754	1,272	72.5%	660	8.6%	9.0%	14.5%	67.8%
45-54	1,833	1,335	72.8%	636	8.9%	11.6%	14.5%	64.9%
55-64	3,200	2,463	77.0%	618	8.7%	11.5%	15.3%	64.5%
65+	1,757	1,385	78.8%	597	7.7%	12.3%	17.4%	62.6%
<b>Total</b>	<b>9,971</b>	<b>7,555</b>	<b>75.8%</b>	<b>633</b>	<b>8.4%</b>	<b>10.9%</b>	<b>15.0%</b>	<b>65.8%</b>

**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	20	16	80.0%	62.5%	2,210
20-29	583	475	81.5%	77.3%	19,450
30-39	1,781	1,360	76.4%	82.3%	8,134
40-49	1,541	1,168	75.8%	86.1%	12,650
50-59	2,695	2,091	77.6%	89.5%	5,620
60-69	2,605	2,051	78.7%	91.8%	3,077
70+	746	550	73.7%	95.8%	660
<b>Total</b>	<b>9,971</b>	<b>7,711</b>	<b>77.3%</b>	<b>88.0%</b>	<b>6,710</b>
<b>Alternate Age Categories</b>					
13-24	190	161	84.7%	79.5%	16,200
25-34	1,237	962	77.8%	80.2%	9,970
35-44	1,754	1,328	75.7%	83.4%	9,520
45-54	1,833	1,404	76.6%	87.6%	7,110
55-64	3,200	2,529	79.0%	91.1%	4,240
65+	1,757	1,327	75.5%	93.7%	1,745
<b>Total</b>	<b>9,971</b>	<b>7,711</b>	<b>77.3%</b>	<b>88.0%</b>	<b>6,710</b>

## 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	
<b>Assigned Sex at Birth</b>										
Female	263,412	29	18.4%	11.0	82.8%	44.8%	20.7%	96.6%	367	
Male	221,953	129	81.6%	58.1	86.8%	37.2%	14.7%	96.9%	442	
<b>Gender Identity</b>										
Cisgender Man or Boy	221,953	117	74.1%	52.7	88.9%	35.9%	16.2%	97.4%	442	
Cisgender Woman or Girl	263,412	28	17.7%	10.6	82.1%	42.9%	21.4%	96.4%	360	
Transgender Man or Boy	--	1	0.6%	0.0	***	***	***	***	***	
Transgender Woman or Girl	--	12	7.6%	0.0	***	***	***	***	***	
Another Gender Identity	--	0	0.0%	0.0	--	--	--	--	--	
<b>Race/Ethnicity</b>										
<b>Hispanic</b>	25,446	15	9.5%	58.9	100.0%	***	33.3%	100.0%	323	
<b>Non-Hispanic</b>	459,919	143	90.5%	31.1	84.6%	40.6%	14.0%	96.5%	460	
American Indian/Alaska Native, only	1,381	0	0.0%	0.0	--	--	--	--	--	
Asian, only	14,189	1	0.6%	7.0	***	***	***	***	***	
Black, only	295,958	129	81.6%	43.6	85.3%	39.5%	15.5%	96.1%	455	
Native Hawaiian/Other Pacific Islander, only	173	0	0.0%	0.0	--	--	--	--	--	
White, only	139,782	9	5.7%	6.4	88.9%	***	0.0%	100.0%	455	
Multiracial/Another Race	8,436	4	2.5%	47.4	***	***	***	***	***	
<b>Total</b>	485,365	158	100.0%	32.6	86.1%	38.6%	15.8%	96.8%	442	
<b>Country of Birth</b>										
<b>United States</b>	465,268	147	93.0%	31.6	85.0%	39.5%	13.6%	96.6%	444	
<b>Foreign-Born</b>	46,569	7	4.4%	15.0	100.0%	***	***	100.0%	442	
Africa	--	1	0.6%	--	***	***	***	***	***	
Asia	--	0	0.0%	--	--	--	--	--	--	
Caribbean	--	0	0.0%	--	--	--	--	--	--	
Central America	--	4	2.5%	--	***	***	***	***	***	
Other	--	2	1.3%	--	***	***	***	***	***	
<b>Unknown</b>	--	4	2.5%	--	***	***	***	***	***	
<b>Total</b>	511,837	158	100.0%	30.9	86.1%	38.6%	15.8%	96.8%	442	

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
<b>Hispanic</b>	12,497	1	3.4%	8.0	12,949	14	10.9%	108.1
<b>Non-Hispanic</b>	250,915	28	96.6%	11.2	209,003	115	89.1%	55.0
American Indian/Alaska Native, only	744	0	0.0%	0.0	637	0	0.0%	0.0
Asian, only	7,496	0	0.0%	0.0	6,692	1	0.8%	14.9
Black, only	166,265	26	89.7%	15.6	129,693	103	79.8%	79.4
Native Hawaiian/Other Pacific Islander, only	105	0	0.0%	0.0	68	0	0.0%	0.0
White, only	71,505	0	0.0%	0.0	68,277	9	7.0%	13.2
Multiracial/Another Race	4,800	2	6.9%	41.7	3,636	2	1.6%	55.0
<b>Total</b>	263,412	29	100.0%	11.0	221,953	129	100.0%	58.1

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

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

Demographic Characteristics	Population Aged 13+	Total People Aged 13+ Living with Diagnosed HIV			
		No.	% of Total	Rate	Ratio (1 in X)
<b>Assigned Sex at Birth</b>					
Female	263,412	3,297	33.1%	1,251.6	80
Male	221,953	6,674	66.9%	3,006.9	33
<b>Gender Identity</b>					
Cisgender Man or Boy	221,953	6,514	65.3%	2,934.9	34
Cisgender Woman or Girl	263,412	3,290	33.0%	1,249.0	80
Transgender Man or Boy	--	6	0.1%	--	--
Transgender Woman or Girl	--	161	1.6%	--	--
Another Gender Identity	--	0	0.0%	--	--
<b>Race/Ethnicity</b>					
<b>Hispanic</b>	25,446	437	4.4%	1,717.3	58
<b>Non-Hispanic</b>	459,919	9,534	95.6%	2,073.0	48
American Indian/Alaska Native, only	1,381	***	***	***	***
Asian, only	14,189	27	0.3%	190.3	526
Black, only	295,958	8,226	82.5%	2,779.50	36
Native Hawaiian/Other Pacific Islander, only	173	***	***	***	***
White, only	139,782	751	7.5%	537.3	186
Multiracial/Another Race	8,436	525	5.3%	6,223.3	16
<b>Total</b>	<b>485,365</b>	<b>9,971</b>	<b>100.0%</b>	<b>2,054.3</b>	<b>49</b>
<b>Country of Birth</b>					
<b>United States</b>	465,268	9,431	94.6%	2,027.0	49
<b>Foreign-Born</b>	46,569	304	3.0%	652.8	153
Africa	--	117	1.2%	--	--
Asia	--	23	0.2%	--	--
Caribbean	--	34	0.3%	--	--
Central America	--	86	0.9%	--	--
Other	--	44	0.4%	--	--
<b>Unknown</b>	--	236	2.4%	--	--
<b>Total</b>	<b>511,837</b>	<b>9,971</b>	<b>100.0%</b>	<b>1,948.1</b>	<b>51</b>

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
<b>Hispanic</b>	12,497	100	3.0%	800.2	12,949	337	5.0%	2,602.5
<b>Non-Hispanic</b>	250,915	3,197	97.0%	1,274.1	209,003	6,337	95.0%	3,032.0
American Indian/Alaska Native, only	744	***	***	***	637	***	***	***
Asian, only	7,496	4	0.1%	53.4	6,692	23	0.3%	343.7
Black, only	166,265	2,880	87.4%	1,732.2	129,693	5,346	80.1%	4,122.0
Native Hawaiian/Other Pacific Islander, only	105	***	***	***	68	***	***	***
White, only	71,505	141	4.3%	197.2	68,277	610	9.1%	893.4
Multiracial/Another Race	4,800	170	5.2%	3,541.7	3,636	355	5.3%	9,763.5
<b>Total</b>	<b>263,412</b>	<b>3,297</b>	<b>100.0%</b>	<b>1,251.6</b>	<b>221,953</b>	<b>6,674</b>	<b>100.0%</b>	<b>3,006.9</b>

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+
<b>Assigned Sex at Birth</b>								
Female	3,297	2,495	75.7%	687	8.7%	9.6%	12.7%	68.9%
Male	6,674	5,060	75.8%	611	8.2%	11.5%	16.1%	64.2%
<b>Gender Identity</b>								
Cisgender Man or Boy	6,514	4,923	75.6%	609	8.2%	11.6%	16.1%	64.1%
Cisgender Woman or Girl	3,290	2,488	75.6%	687	8.7%	9.6%	12.7%	68.9%
Transgender Man or Boy	6	6	100.0%	741	16.7%	0.0%	0.0%	83.3%
Transgender Woman or Girl	161	138	85.7%	659	8.0%	8.7%	14.5%	68.8%
Another Gender Identity	0	--	--	--	--	--	--	--
<b>Race/Ethnicity</b>								
<b>Hispanic</b>	437	314	71.9%	585	8.3%	13.1%	16.9%	61.8%
<b>Non-Hispanic</b>	9,534	7,241	75.9%	636	8.4%	10.8%	14.9%	65.9%
American Indian/Alaska Native, only	***	***	***	***	***	***	***	***
Asian, only	27	17	63.0%	644	5.9%	5.9%	17.6%	70.6%
Black, only	8,226	6,284	76.4%	636	8.4%	10.9%	14.6%	66.0%
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***	***	***	***
White, only	751	544	72.4%	639	7.7%	9.4%	16.5%	66.4%
Multiracial/Another Race	525	394	75.0%	613	9.6%	10.4%	16.2%	63.7%
<b>Country of Birth</b>								
<b>United States</b>	9,431	7,176	76.1%	633	8.5%	10.9%	14.9%	65.7%
<b>Foreign-Born</b>	304	207	68.1%	580	5.8%	13.5%	18.4%	62.3%
Africa	117	81	69.2%	588	4.9%	12.3%	17.3%	65.4%
Asia	23	14	60.9%	628	7.1%	7.1%	21.4%	64.3%
Caribbean	34	29	85.3%	511	10.3%	10.3%	24.1%	55.2%
Central America	86	55	64.0%	515	7.3%	21.8%	18.2%	52.7%
Other	44	28	63.6%	712	0.0%	7.1%	14.3%	78.6%
<b>Unknown</b>	236	172	72.9%	687	5.8%	7.6%	15.1%	71.5%
<b>Total</b>	9,971	7,555	75.8%	633	8.4%	10.9%	15.0%	65.8%

\*\*\* 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	
<b>Assigned Sex at Birth</b>					
Female	3,297	2,615	79.3%	87.2%	5,970
Male	6,674	5,096	76.4%	88.4%	7,910
<b>Gender Identity</b>					
Cisgender Man or Boy	6,514	4,960	76.1%	88.7%	7,910
Cisgender Woman or Girl	3,290	2,608	79.3%	87.2%	6,020
Transgender Man or Boy	6	6	100.0%	83.3%	5,040
Transgender Woman or Girl	161	137	85.1%	77.4%	4,160
Another Gender Identity	0	--	--	--	--
<b>Race/Ethnicity</b>					
<b>Hispanic</b>	437	318	72.8%	89.3%	38,450
<b>Non-Hispanic</b>	9,534	7,393	77.5%	87.9%	6,387
American Indian/Alaska Native, only	***	***	***	***	***
Asian, only	27	19	70.4%	100.0%	--
Black, only	8,226	6,394	77.7%	87.6%	6,300
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***
White, only	751	568	75.6%	90.3%	5,620
Multiracial/Another Race	525	410	78.1%	88.8%	12,700
<b>Country of Birth</b>					
<b>United States</b>	9,431	7,321	77.6%	87.7%	7,110
<b>Foreign-Born</b>	304	216	71.1%	91.7%	2,045
Africa	117	78	66.7%	91.0%	1,620
Asia	23	16	69.6%	100.0%	--
Caribbean	34	30	88.2%	90.0%	340
Central America	86	62	72.1%	88.7%	24,300
Other	44	30	68.2%	96.7%	696
<b>Unknown</b>	236	174	73.7%	93.1%	2,102
<b>Total</b>	9,971	7,711	77.3%	88.0%	6,710

\*\*\* 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	5,181	26,063	7,562	2,711	41,518
	Number	0	3	1	0	4
	Rate	0.0	11.5	13.2	0.0	9.6
	Ratio (1 in X)	--	8,688	7,562	--	10,379
13-19	Population	2,023	15,435	4,502	1,401	23,360
	Number	0	9	0	1	10
	Rate	0.0	58.3	0.0	71.4	42.8
	Ratio (1 in X)	--	1,715	--	1,401	2,336
20-29	Population	2,829	26,069	13,699	3,542	46,139
	Number	12	118	4	5	139
	Rate	424.2	452.6	29.2	141.2	301.3
	Ratio (1 in X)	236	221	3,425	708	332
30-39	Population	2,763	28,634	16,659	3,185	51,241
	Number	14	331	23	21	389
	Rate	506.7	1,156.0	138.1	659.3	759.2
	Ratio (1 in X)	197	87	724	152	132
40-49	Population	2,183	21,795	9,104	1,644	34,726
	Number	22	441	39	36	538
	Rate	1,007.8	2,023.4	428.4	2,189.8	1,549.3
	Ratio (1 in X)	99	49	233	46	65
50-59	Population	1,291	24,003	8,393	1,233	34,920
	Number	27	955	39	47	1,068
	Rate	2,091.4	3,978.7	464.7	3,811.8	3,058.4
	Ratio (1 in X)	48	25	215	26	33
60-69	Population	860	26,275	9,053	1,072	37,260
	Number	***	809	***	51	907
	Rate	***	3,079.0	***	4,757.5	2,434.2
	Ratio (1 in X)	***	32	***	21	41
70+	Population	548	24,054	10,095	1,069	35,766
	Number	***	217	***	15	246
	Rate	***	902.1	***	1,403.2	687.8
	Ratio (1 in X)	***	111	***	71	145
Total Females by Race/Ethnicity	Population	17,678	192,328	79,067	15,857	304,930
	Number	100	2,874	142	175	3,291
	Rate	565.7	1,494.3	179.6	1,103.6	1,079.3
	Ratio (1 in X)	177	67	557	91	93

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

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

Age on December 31, 2022		Total Females Living with Diagnosed HIV				Total Females by Age Group
		Race/Ethnicity				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race	
13-24	Population	3,292	28,082	9,526	2,874	43,773
	Number	***	45	***	1	50
	Rate	***	160.2	***	34.8	114.2
	Ratio (1 in X)	***	624	***	2,874	875
25-34	Population	3,037	28,850	18,041	3,921	53,849
	Number	13	222	11	9	255
	Rate	428.1	769.5	61.0	229.5	473.5
	Ratio (1 in X)	234	130	1,640	436	211
35-44	Population	2,546	25,091	12,474	2,269	42,380
	Number	22	389	36	35	482
	Rate	864.1	1,550.4	288.6	1,542.5	1,137.3
	Ratio (1 in X)	116	65	347	65	88
45-54	Population	1,651	21,066	7,996	1,349	32,062
	Number	22	659	41	37	759
	Rate	1,332.5	3,128.3	512.8	2,742.8	2,367.3
	Ratio (1 in X)	75	32	195	36	42
55-64	Population	1,045	27,143	8,888	1,183	38,259
	Number	29	1,054	36	61	1,180
	Rate	2,775.1	3,883.1	405.0	5,156.4	3,084.2
	Ratio (1 in X)	36	26	247	19	32
65+	Population	926	36,033	14,580	1,550	53,089
	Number	***	511	***	33	571
	Rate	***	1,418.1	***	2,129.0	1,075.6
	Ratio (1 in X)	***	71	***	47	93
Total Females by Race/Ethnicity	Population	12,497	166,265	71,505	13,146	263,412
	Number	100	2,880	141	176	3,297
	Rate	800.2	1,732.2	197.2	1,338.9	1,251.6
	Ratio (1 in X)	125	58	507	75	80

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

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

Age on December 31, 2022		Total Males Living with Diagnosed HIV				Total Males by Age Group
		Race/Ethnicity				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race	
<13 (Pediatric)	Population	5,497	26,792	7,865	43,048	2,895
	Number	0	2	0	4	2
	Rate	0.0	7.5	0.0	9.3	69.1
	Ratio (1 in X)	--	13,396	--	10,762	1,447
13-19	Population	2,045	15,483	4,120	22,983	1,334
	Number	0	10	0	10	0
	Rate	0.0	64.6	0.0	43.5	0.0
	Ratio (1 in X)	--	1,548	--	2,298	--
20-29	Population	2,537	23,120	11,972	40,589	2,960
	Number	31	383	11	444	19
	Rate	1,221.9	1,656.6	91.9	1,093.9	641.9
	Ratio (1 in X)	82	60	1,088	91	156
30-39	Population	3,161	23,594	16,943	46,530	2,832
	Number	73	1,160	85	1,392	74
	Rate	2,309.4	4,916.5	501.7	2,991.6	2,613.0
	Ratio (1 in X)	43	20	199	33	38
40-49	Population	2,355	16,459	9,417	29,635	1,404
	Number	86	743	114	1,003	60
	Rate	3,651.8	4,514.2	1,210.6	3,384.5	4,273.5
	Ratio (1 in X)	27	22	83	30	23
50-59	Population	1,570	18,594	8,824	29,984	996
	Number	78	1,263	184	1,627	***
	Rate	4,968.2	6,792.5	2,085.2	5,426.2	***
	Ratio (1 in X)	20	15	48	18	***
60-69	Population	797	18,715	8,722	29,069	835
	Number	***	1,391	***	1,698	***
	Rate	***	7,432.5	***	5,841.3	***
	Ratio (1 in X)	***	13	***	17	***
70+	Population	484	13,728	8,279	23,163	672
	Number	***	396	***	500	***
	Rate	***	2,884.6	***	2,158.6	***
	Ratio (1 in X)	***	35	***	46	***
Total Males by Race/Ethnicity	Population	18,446	156,485	76,142	265,001	13,928
	Number	337	5,338	610	6,668	383
	Rate	1,827.0	3,411.2	801.1	2,516.2	2,749.9
	Ratio (1 in X)	55	29	125	40	36

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

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

Age on December 31, 2022		Total Males Living with Diagnosed HIV				Total Males by Age Group
		Race/Ethnicity				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Another Race	
13-24	Population	3,191	26,706	8,295	2,554	40,747
	Number	17	116	1	6	140
	Rate	532.7	434.4	12.1	234.9	343.6
	Ratio (1 in X)	188	230	8,295	426	291
25-34	Population	2,958	24,966	17,044	3,414	48,382
	Number	47	834	47	54	982
	Rate	1,588.9	3,340.5	275.8	1,581.7	2,029.7
	Ratio (1 in X)	63	30	363	63	49
35-44	Population	2,919	19,527	13,034	1,951	37,431
	Number	84	1,021	100	67	1,272
	Rate	2,877.7	5,228.7	767.2	3,434.1	3,398.3
	Ratio (1 in X)	35	19	130	29	29
45-54	Population	1,870	16,063	8,290	1,107	27,330
	Number	85	794	131	64	1,074
	Rate	4,545.5	4,943.0	1,580.2	5,781.4	3,929.7
	Ratio (1 in X)	22	20	63	17	25
55-64	Population	1,231	20,452	9,138	962	31,783
	Number	***	1,624	205	***	2,020
	Rate	***	7,940.5	2,243.4	***	6,355.6
	Ratio (1 in X)	***	13	45	***	16
65+	Population	780	21,979	12,476	1,045	36,280
	Number	***	957	126	***	1,186
	Rate	***	4,354.2	1,009.9	***	3,269.0
	Ratio (1 in X)	***	23	99	***	31
Total Males by Race/Ethnicity	Population	12,949	129,693	68,277	11,033	221,953
	Number	337	5,346	610	381	6,674
	Rate	2,602.5	4,122.0	893.4	3,453.2	3,006.9
	Ratio (1 in X)	38	24	112	29	33

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

## Section VII – By HIV Exposure Category

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

Estimated or Reported Exposure Category	HIV Diagnoses among People Aged 13+					First CD4 Test Result	
	No.	% of Total	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	% with Test	Median Count
Male-to-male Sexual Contact (MMSC)	97	61.4%	87.2%	65.5%	11.2%	96.5%	481
Injection Drug Use (IDU)	13	8.2%	75.4%	***	***	98.5%	288
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	0	0.0%	--	--	--	--	--
Heterosexual Contact (HET)	48	30.2%	86.6%	***	***	97.3%	374
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
<b>Total</b>	<b>158</b>	<b>100.0%</b>	<b>86.1%</b>	<b>65.6%</b>	<b>15.8%</b>	<b>96.8%</b>	<b>442</b>
<b>Female Estimated or Reported Exposure Category</b>							
Injection Drug Use (IDU)	6	20.7%	***	***	***	100.0%	224
Heterosexual Contact (HET)	23	79.3%	***	***	***	95.7%	374
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
<b>Total</b>	<b>29</b>	<b>100.0%</b>	<b>82.8%</b>	<b>72.2%</b>	<b>20.7%</b>	<b>96.6%</b>	<b>367</b>
<b>Male Estimated or Reported Exposure Category</b>							
Male-to-male Sexual Contact (MMSC)	97	75.2%	87.2%	65.5%	11.2%	96.5%	481
Injection Drug Use (IDU)	7	5.4%	82.9%	***	***	97.1%	323
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	0	0.0%	--	--	--	--	--
Heterosexual Contact (HET)	25	19.1%	86.2%	***	***	98.8%	339
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
<b>Total</b>	<b>129</b>	<b>100.0%</b>	<b>86.8%</b>	<b>64.0%</b>	<b>14.7%</b>	<b>96.9%</b>	<b>442</b>

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)	3,630	36.4%
Injection Drug Use (IDU)	2,610	26.2%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	506	5.1%
Heterosexual Contact (HET)	3,063	30.7%
Perinatal Transmission	133	1.3%
Other Exposure	5	0.1%
No Estimated or Reported Exposure	24	0.2%
<b>Total</b>	<b>9,971</b>	<b>100.0%</b>

Female Estimated or Reported Exposure Category		
Injection Drug Use (IDU)	1,114	33.8%
Heterosexual Contact (HET)	2,071	62.8%
Perinatal Transmission	91	2.8%
Other Exposure	4	0.1%
No Estimated or Reported Exposure	17	0.5%
<b>Total</b>	<b>3,297</b>	<b>100.0%</b>

Male Estimated or Reported Exposure Category		
Male-to-male Sexual Contact (MMSC)	3,630	54.4%
Injection Drug Use (IDU)	1,496	22.4%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	506	7.6%
Heterosexual Contact (HET)	992	14.9%
Perinatal Transmission	42	0.6%
Other Exposure	1	0.0%
No Estimated or Reported Exposure	7	0.1%
<b>Total</b>	<b>6,674</b>	<b>100.0%</b>

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)	216	49.5%	2,718	33.0%	467	62.2%
Injection Drug Use (IDU)	53	12.2%	2,275	27.7%	148	19.7%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	19	4.3%	404	4.9%	42	5.6%
Heterosexual Contact (HET)	143	32.7%	2,682	32.6%	90	12.0%
Perinatal Transmission	4	0.9%	120	1.5%	4	0.5%
Other Exposure	0	0.0%	5	0.1%	0	0.0%
No Estimated or Reported Exposure	2	0.5%	21	0.3%	0	0.0%
<b>Total</b>	<b>437</b>	<b>100.0%</b>	<b>8,225</b>	<b>100.0%</b>	<b>751</b>	<b>100.0%</b>
<b>Female Estimated or Reported Exposure Category</b>						
Injection Drug Use (IDU)	25	25.1%	934	32.4%	86	61.1%
Heterosexual Contact (HET)	70	69.9%	1,846	64.1%	53	37.5%
Perinatal Transmission	4	4.0%	81	2.8%	2	1.4%
Other Exposure	0	0.0%	4	0.1%	0	0.0%
No Estimated or Reported Exposure	1	1.0%	15	0.5%	0	0.0%
<b>Total</b>	<b>100</b>	<b>100.0%</b>	<b>2,880</b>	<b>100.0%</b>	<b>141</b>	<b>100.0%</b>
<b>Male Estimated or Reported Exposure Category</b>						
Male-to-male Sexual Contact (MMSC)	216	64.2%	2,718	50.8%	467	76.5%
Injection Drug Use (IDU)	28	8.3%	1,342	25.1%	62	10.1%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	19	5.5%	404	7.6%	42	6.9%
Heterosexual Contact (HET)	73	21.6%	835	15.6%	37	6.1%
Perinatal Transmission	0	0.0%	39	0.7%	2	0.3%
Other Exposure	0	0.0%	1	0.0%	0	0.0%
No Estimated or Reported Exposure	1	0.3%	6	0.1%	0	0.0%
<b>Total</b>	<b>337</b>	<b>100.0%</b>	<b>5,345</b>	<b>100.0%</b>	<b>610</b>	<b>100.0%</b>

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 (MMS)	3,630	2,773	76.4%	665	5.9%	9.2%	13.8%	71.1%
Injection Drug Use (IDU)	2,610	1,960	75.1%	553	12.2%	13.6%	16.9%	57.2%
Male-to-male Sexual Contact and Injection Drug Use (MMS/IDU)	506	409	80.7%	552	11.2%	13.5%	19.5%	55.8%
Heterosexual Contact (HET)	3,063	2,279	74.4%	671	7.3%	9.8%	14.3%	68.6%
Perinatal Transmission	133	111	83.5%	585	17.1%	12.6%	9.0%	61.3%
Other Exposure	5	5	100.0%	664	0.0%	0.0%	20.0%	80.0%
No Estimated or Reported Exposure	24	18	75.0%	564	5.6%	33.3%	0.0%	61.1%
<b>Total</b>	<b>9,971</b>	<b>7,555</b>	<b>75.8%</b>	<b>633</b>	<b>8.4%</b>	<b>10.9%</b>	<b>15.0%</b>	<b>65.8%</b>

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**

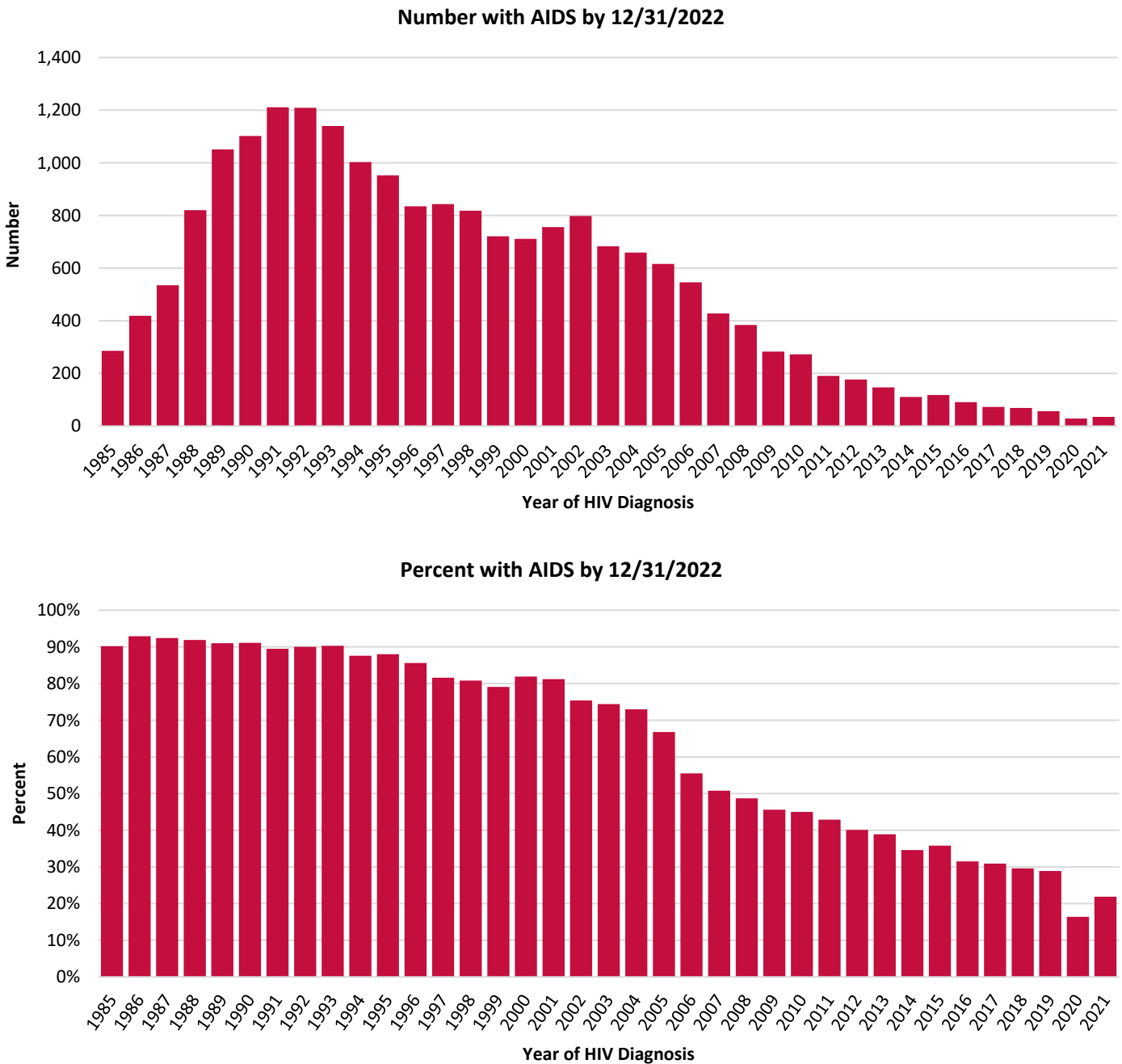
Estimated or Reported Exposure Category	Total People Aged 13+ with Living Diagnosed HIV				
	No.	Recent Viral Load Test Results			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
Male-to-male Sexual Contact (MMS)	3,630	2,804	77.2%	87.9%	8,230
Injection Drug Use (IDU)	2,610	1,999	76.6%	87.6%	4,200
Male-to-male Sexual Contact and Injection Drug Use (MMS/IDU)	506	420	82.9%	90.0%	21,000
Heterosexual Contact (HET)	3,063	2,349	76.7%	89.0%	7,170
Perinatal Transmission	133	115	86.5%	68.7%	6,640
Other Exposure	5	5	100.0%	100.0%	--
No Estimated or Reported Exposure	24	20	83.3%	75.0%	7,170
<b>Total</b>	<b>9,971</b>	<b>7,711</b>	<b>77.3%</b>	<b>88.0%</b>	<b>6,710</b>

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

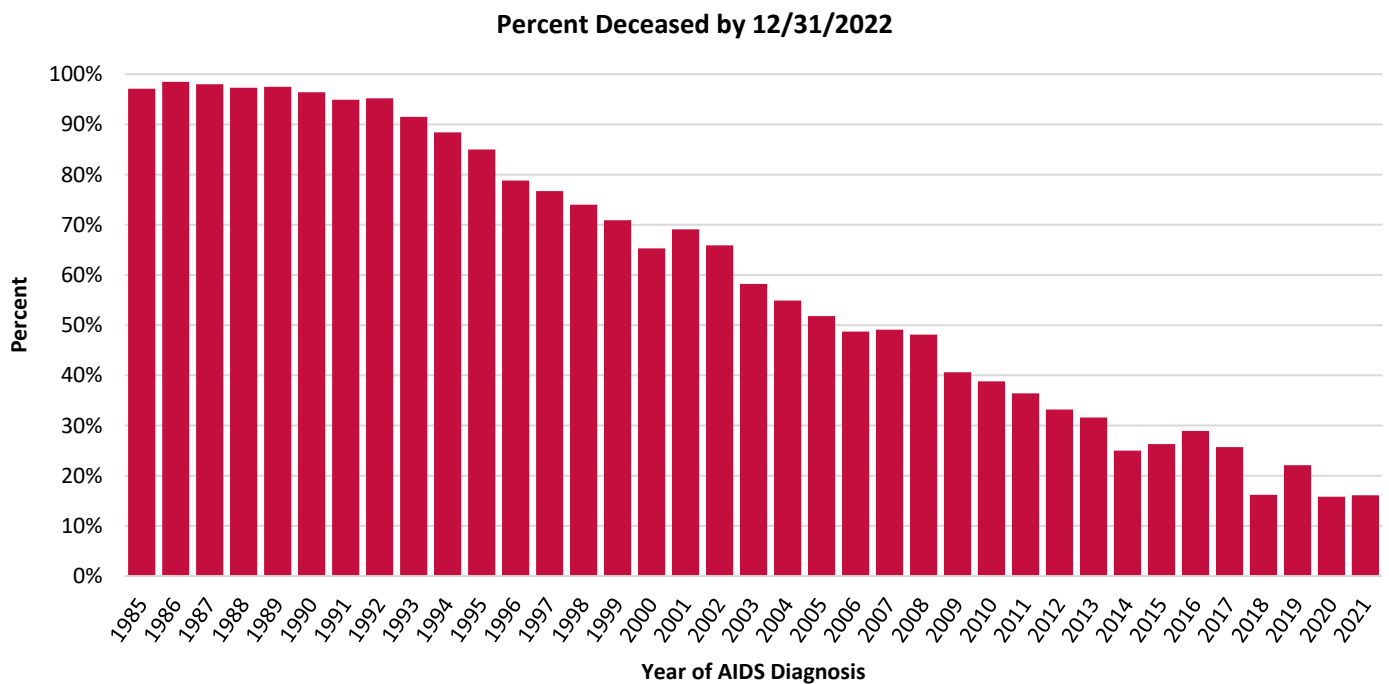
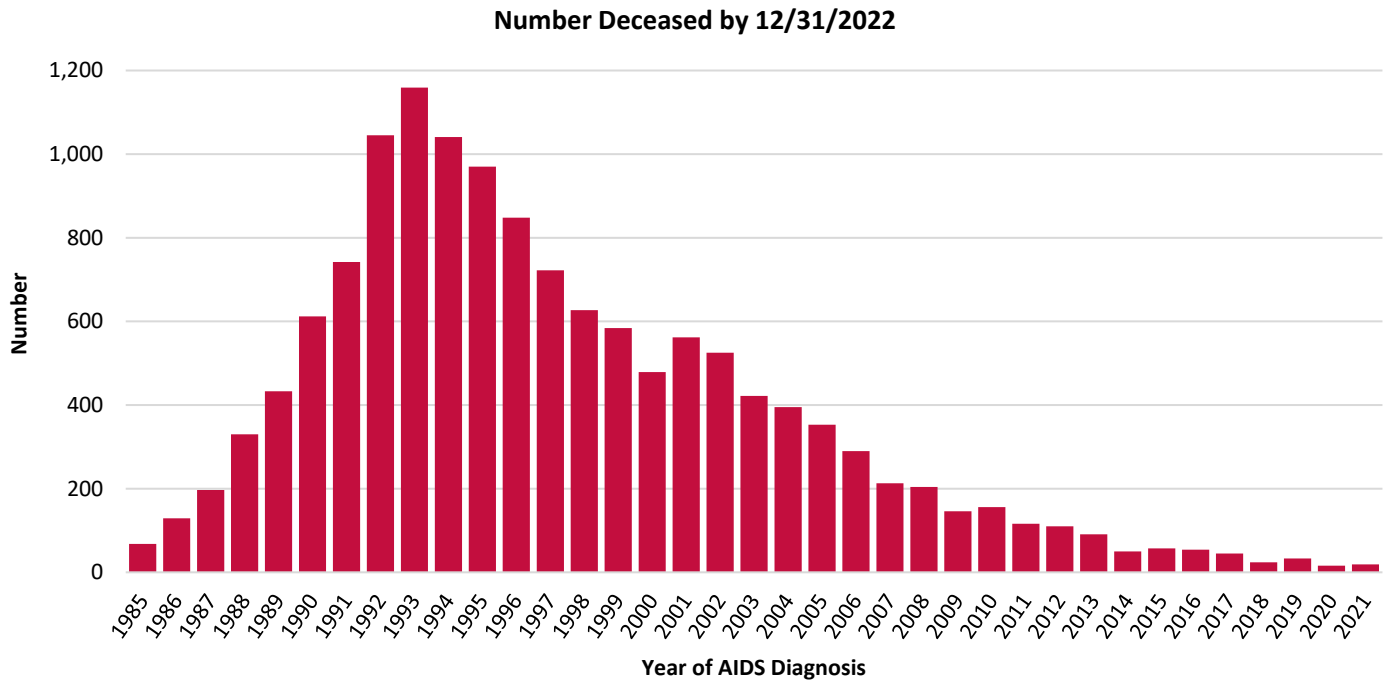


HIV Diagnoses among People Aged 13+

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	168	163	97.0%	7.5	32.7%	32.7%	36.3%	68.5%
1985	317	286	90.2%	6.6	23.7%	25.9%	32.8%	74.1%
1986	451	419	92.9%	5.7	31.9%	33.3%	45.7%	78.9%
1987	579	535	92.4%	4.6	33.2%	36.6%	55.1%	83.4%
1988	892	820	91.9%	3.9	37.8%	41.4%	64.0%	85.9%
1989	1,155	1,051	91.0%	3.7	37.7%	43.6%	68.5%	83.6%
1990	1,209	1,102	91.1%	3.2	43.9%	50.5%	73.0%	84.9%
1991	1,353	1,211	89.5%	2.8	46.6%	56.3%	74.2%	84.4%
1992	1,344	1,209	90.0%	2.7	50.1%	58.6%	75.1%	83.6%
1993	1,263	1,140	90.3%	2.3	54.3%	63.3%	77.0%	85.4%
1994	1,145	1,003	87.6%	2.3	55.0%	62.2%	75.0%	82.7%
1995	1,082	952	88.0%	2.5	57.3%	62.7%	72.3%	82.3%
1996	976	835	85.6%	2.2	57.4%	62.8%	71.0%	80.6%
1997	1,033	843	81.6%	2.3	54.4%	59.7%	68.4%	76.2%
1998	1,012	818	80.8%	2.2	55.0%	59.0%	67.3%	75.5%
1999	911	721	79.1%	2.0	56.3%	61.1%	68.8%	75.3%
2000	868	711	81.9%	2.1	55.8%	60.3%	69.7%	77.3%
2001	931	756	81.2%	2.0	57.8%	61.2%	70.6%	76.5%
2002	1,058	798	75.4%	2.1	52.7%	56.1%	64.1%	71.0%
2003	918	683	74.4%	1.9	53.8%	57.3%	63.3%	70.5%
2004	903	659	73.0%	2.2	49.5%	53.4%	60.5%	68.2%
2005	922	616	66.8%	2.1	44.8%	48.4%	55.7%	63.4%
2006	984	546	55.5%	2.5	33.7%	36.0%	44.6%	52.1%
2007	843	428	50.8%	3.0	26.8%	30.2%	38.6%	46.6%
2008	789	384	48.7%	2.8	25.2%	29.5%	38.5%	44.7%
2009	620	283	45.6%	2.6	25.0%	28.4%	36.6%	43.9%
2010	607	273	45.0%	2.5	25.7%	29.0%	35.7%	43.2%
2011	445	191	42.9%	2.1	25.4%	29.9%	35.7%	41.6%
2012	441	177	40.1%	1.8	26.5%	29.0%	35.4%	39.2%
2013	378	147	38.9%	1.6	26.7%	28.3%	34.1%	--
2014	321	111	34.6%	1.4	24.0%	27.1%	30.8%	--
2015	330	118	35.8%	1.4	24.2%	27.9%	32.1%	--
2016	289	91	31.5%	1.0	22.8%	26.0%	30.1%	--
2017	236	73	30.9%	1.1	22.5%	24.6%	29.2%	--
2018	233	69	29.6%	0.9	23.2%	24.9%	--	--
2019	197	57	28.9%	0.5	24.4%	24.9%	--	--
2020	177	29	16.4%	0.3	14.1%	15.8%	--	--
2021	160	35	21.9%	0.2	20.6%	--	--	--
<b>Total</b>	<b>27,540</b>	<b>20,343</b>	<b>73.9%</b>	<b>2.7</b>	<b>43.5%</b>	<b>48.3%</b>	<b>59.4%</b>	<b>69.0%</b>

**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	58	54	93.1%	2.6	53.4%	34.5%	20.7%	17.2%
1985	70	68	97.1%	2.7	45.7%	30.0%	11.4%	8.6%
1986	131	129	98.5%	2.5	48.9%	30.5%	14.5%	9.9%
1987	201	197	98.0%	2.3	61.2%	34.8%	11.9%	5.0%
1988	339	330	97.3%	2.6	60.5%	39.8%	14.2%	7.4%
1989	444	433	97.5%	2.9	60.6%	38.5%	16.0%	8.1%
1990	635	612	96.4%	3.4	64.7%	45.7%	20.2%	11.7%
1991	782	742	94.9%	3.2	67.5%	46.3%	18.4%	12.1%
1992	1,098	1,045	95.2%	3.4	69.1%	48.8%	20.7%	13.9%
1993	1,266	1,159	91.5%	4.5	77.9%	56.5%	32.9%	20.6%
1994	1,177	1,041	88.4%	4.5	77.3%	57.9%	37.0%	22.7%
1995	1,141	970	85.0%	5.9	78.8%	66.3%	47.9%	32.9%
1996	1,076	848	78.8%	6.1	81.5%	74.2%	56.2%	39.0%
1997	941	722	76.7%	6.7	85.7%	76.7%	59.8%	42.7%
1998	847	627	74.0%	6.7	87.2%	79.6%	62.0%	44.4%
1999	824	584	70.9%	6.4	86.2%	78.6%	61.3%	46.7%
2000	734	479	65.3%	6.4	85.6%	79.7%	64.0%	50.3%
2001	813	562	69.1%	6.0	84.7%	76.4%	60.8%	47.1%
2002	797	525	65.9%	6.6	87.1%	80.4%	67.3%	52.7%
2003	725	422	58.2%	5.7	83.6%	77.7%	65.8%	55.9%
2004	719	395	54.9%	5.8	86.4%	80.7%	69.8%	58.4%
2005	681	353	51.8%	6.3	88.4%	83.6%	73.9%	64.0%
2006	596	290	48.7%	5.4	87.6%	82.2%	72.3%	61.7%
2007	434	213	49.1%	5.3	87.8%	84.1%	73.0%	60.4%
2008	424	204	48.1%	5.3	88.7%	83.3%	73.6%	62.5%
2009	360	146	40.6%	4.7	91.1%	85.8%	76.4%	65.0%
2010	402	156	38.8%	4.6	90.0%	87.1%	79.4%	66.2%
2011	319	116	36.4%	4.6	93.4%	89.3%	79.9%	66.5%
2012	331	110	33.2%	4.0	89.4%	87.9%	80.1%	67.4%
2013	288	91	31.6%	4.0	94.1%	91.0%	80.2%	--
2014	200	50	25.0%	2.4	88.0%	84.5%	81.0%	--
2015	217	57	26.3%	2.2	88.5%	84.8%	78.3%	--
2016	187	54	28.9%	2.2	89.8%	84.0%	75.9%	--
2017	175	45	25.7%	1.7	90.3%	83.4%	76.0%	--
2018	148	24	16.2%	1.7	93.2%	89.9%	--	--
2019	149	33	22.1%	0.8	87.2%	79.2%	--	--
2020	101	16	15.8%	0.7	90.1%	84.2%	--	--
2021*	118	19	16.1%	0.6	87.3%	--	--	--
<b>Total</b>	<b>19,948</b>	<b>13,921</b>	<b>69.8%</b>	<b>4.9</b>	<b>81.1%</b>	<b>70.2%</b>	<b>53.6%</b>	<b>41.9%</b>

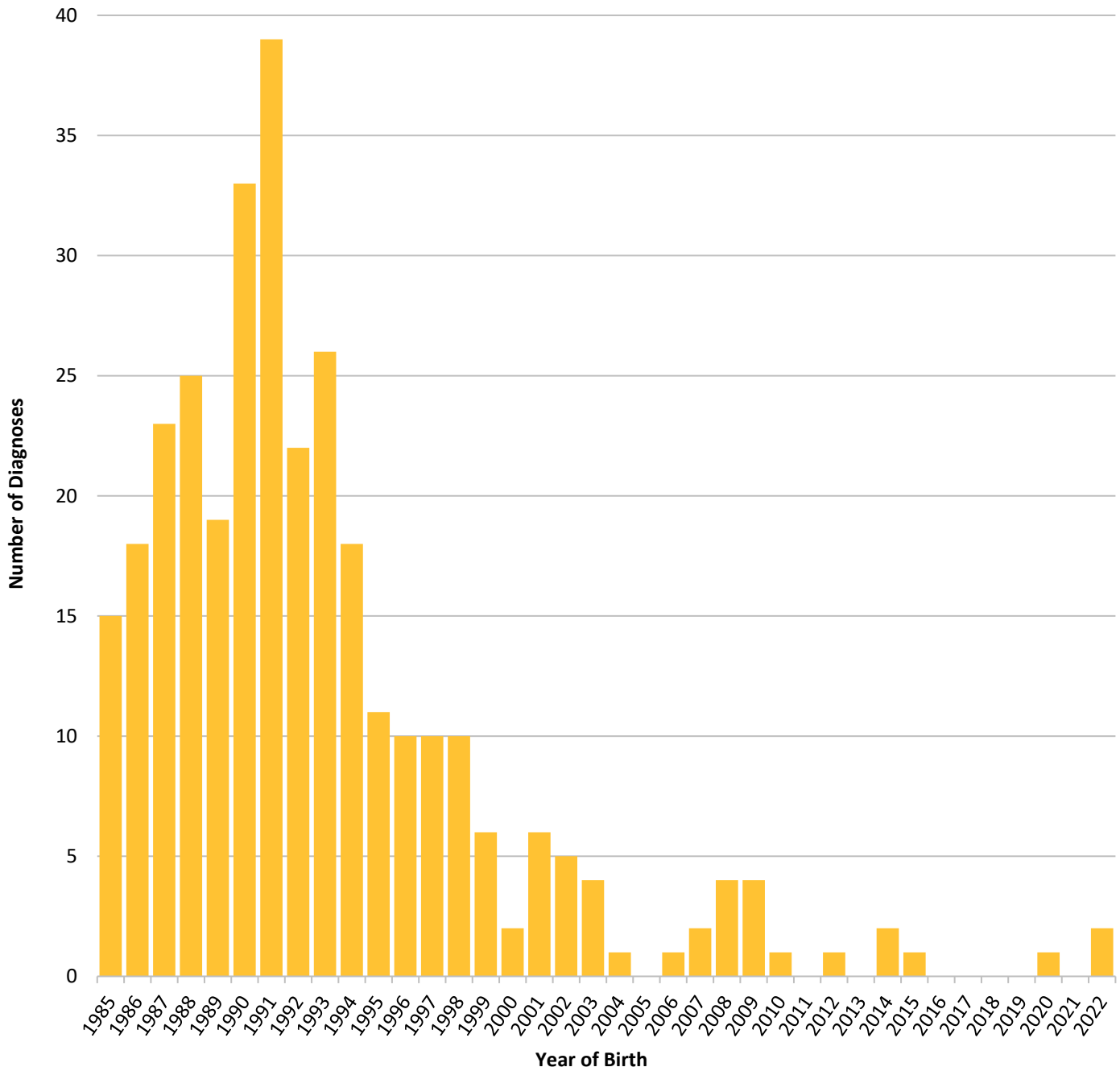
\*2021 deaths among AIDS diagnoses are preliminary.

## 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 31<sup>st</sup> 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	14	1	0	0	--
1985	15	5	4	1	8
1986	18	7	5	3	12
1987	23	11	7	5	20
1988	25	18	12	2	35
1989	19	22	14	3	55
1990	33	27	15	3	79
1991	39	30	20	8	103
1992	22	35	20	9	131
1993	26	38	22	10	158
1994	18	22	14	10	170
1995	11	14	12	9	176
1996	10	14	8	13	178
1997	10	7	4	4	179
1998	10	15	6	3	192
1999	6	13	6	4	200
2000	2	6	2	0	206
2001	6	8	7	3	210
2002	5	2	3	3	209
2003	4	2	1	2	209
2004	1	2	4	3	209
2005	0	0	1	0	210
2006	1	1	2	1	210
2007	2	16	5	3	223
2008	4	6	5	3	227
2009	4	3	1	0	231
2010	1	1	4	3	229
2011	0	0	5	2	224
2012	1	2	1	2	224
2013	0	0	8	0	221
2014	2	2	2	0	224
2015	1	0	1	2	221
2016	0	1	5	2	217
2017	0	0	0	2	214
2018	0	1	3	2	212
2019	0	0	3	1	210
2020	1	1	0	1	210
2021	0	0	2	1	208
2022	2	3	1	2	210
<b>Total</b>	<b>336</b>	<b>336</b>	<b>235</b>	<b>125</b>	<b>--</b>

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

ZIP Code of Current Residence	Total People Aged <13 Living with Diagnosed HIV	
	No.	% of Total
21201	1	12.5%
21212	1	12.5%
21215	1	12.5%
21217	1	12.5%
21218	1	12.5%
21223	1	12.5%
21225	1	12.5%
21231	1	12.5%
21201	1	12.5%
<b>Total</b>	<b>8</b>	<b>100.0%</b>

**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
<b>Assigned Sex at Birth</b>		
Female	4	50.0%
Male	4	50.0%
<b>Race/Ethnicity</b>		
<b>Hispanic</b>	0	0.0%
<b>Non-Hispanic</b>	8	100.0%
American Indian/Alaska Native, only	0	0.0%
Asian, only	1	12.5%
Black, only	5	62.5%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	1	12.5%
Multiracial/Another Race	1	12.5%
<b>Total</b>	<b>8</b>	<b>100.0%</b>

## 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 31<sup>st</sup> of the specified year and not reported to have died as of December 31<sup>st</sup> 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 31<sup>st</sup> of the specified year.

**People Living with Diagnosed HIV:** Reported HIV diagnoses not reported to have died as of December 31<sup>st</sup> 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.