

2022

MARYLAND ANNUAL HIV EPIDEMIOLOGICAL PROFILE

GENDER DIVERSE PEOPLE SUPPLEMENT

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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On the Web

<https://health.maryland.gov/phpa/OIDEOR/CHSE/SiteAssets/Pages/statistics/Maryland-Annual-HIV-Epidemiological-Profile-Gender-Diverse-People-Supplement-2022.pdf>

Additional Information and Reporting Instructions

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

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Section I – Summary of Analyses and Technical Notes

Highlights of Analyses

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

HIV Diagnoses

During 2022, there were 29 reported HIV diagnoses among gender diverse people in Maryland. Data presented below describe HIV diagnoses in Maryland, among gender diverse people ages 13 years and older, during 2022.

- Geographic distribution: Baltimore City accounted for the highest number (13, 44.8%) of HIV diagnoses among gender diverse people.
- Age: Persons aged 20-29 years accounted for the highest number (12, 41.4%) of HIV diagnoses among gender diverse people.
- Gender Identity: Transgender women or girls accounted for the highest number (27, 93.1%) of HIV diagnoses among gender diverse people.
- Race/Ethnicity: Non-Hispanic Black people accounted for the highest number (19, 65.5%) of HIV diagnoses.
- Exposure Category: Sexual contact accounted for the highest number (28, 96.6%) of HIV diagnoses.

People Living with Diagnosed HIV

At the end of 2022, there were 347 gender diverse people living with diagnosed HIV in Maryland. Data presented below describe gender diverse people living with diagnosed HIV, aged 13 years and older, in Maryland.

- Geographic distribution: Baltimore City accounted for the highest number (167, 48.1%) of gender diverse people living with diagnosed HIV.
- Age: Persons aged 30-39 years accounted for the highest number (157, 45.2%) of gender diverse people living with diagnosed HIV.
- Gender Identity: Transgender women or girls accounted for the highest number (328, 94.5%) of gender diverse people living with diagnosed HIV.
- Race/Ethnicity: Non-Hispanic Black people accounted for the highest number (245, 86.6%) of gender diverse people living with diagnosed HIV.
- Exposure Category: Sexual contact accounted for the highest number (327, 94.3%) of the total gender diverse people living with diagnosed HIV.

Engagement in HIV Care

- HIV diagnosed: Among gender diverse people living with HIV in Maryland, it is estimated that 90.9 percent have been diagnosed and an estimated 34 gender diverse people with HIV remain undiagnosed.
- Linked to care: During 2022, 82.8 percent of reported HIV diagnoses were linked to HIV care within one month of their HIV diagnosis.
- Retained in care: Among gender diverse people living with HIV, 76.4 percent were retained in care during 2022.
- Viral suppression: In 2022, 57.5 percent of gender diverse people living with diagnosed HIV achieved viral suppression.

Technical Notes

HIV/AIDS Reporting

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

Report Changes

To be responsive to changing data needs, the following update has 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 and 11 now include additional 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.

Gender Diverse People

This supplemental report provides detailed demographic and care data for HIV-diagnosed gender diverse people in Maryland. For the purposes of this report, gender diverse people are defined as people who have a gender identity or gender expression that differs from their assigned sex at birth.

- *Transgender Woman or Girl*: A person whose assigned sex at birth is male but who identifies as a woman or girl.
- *Transgender Man or Boy*: A person whose assigned sex at birth is female but who identifies as a man or boy.
- *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. Includes “bigender,” “gender queer,” and “two-spirit.”
- *Gender Identity*: Refers to one’s internal understanding of one’s own gender or the gender with which a person identifies.

- *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.

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

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

Undiagnosed HIV Infections

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

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

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

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.

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.

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 persons can be of any race.

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. People who report a history of sexual contact and report injection drug use constitute 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.

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.

Multiple Imputation

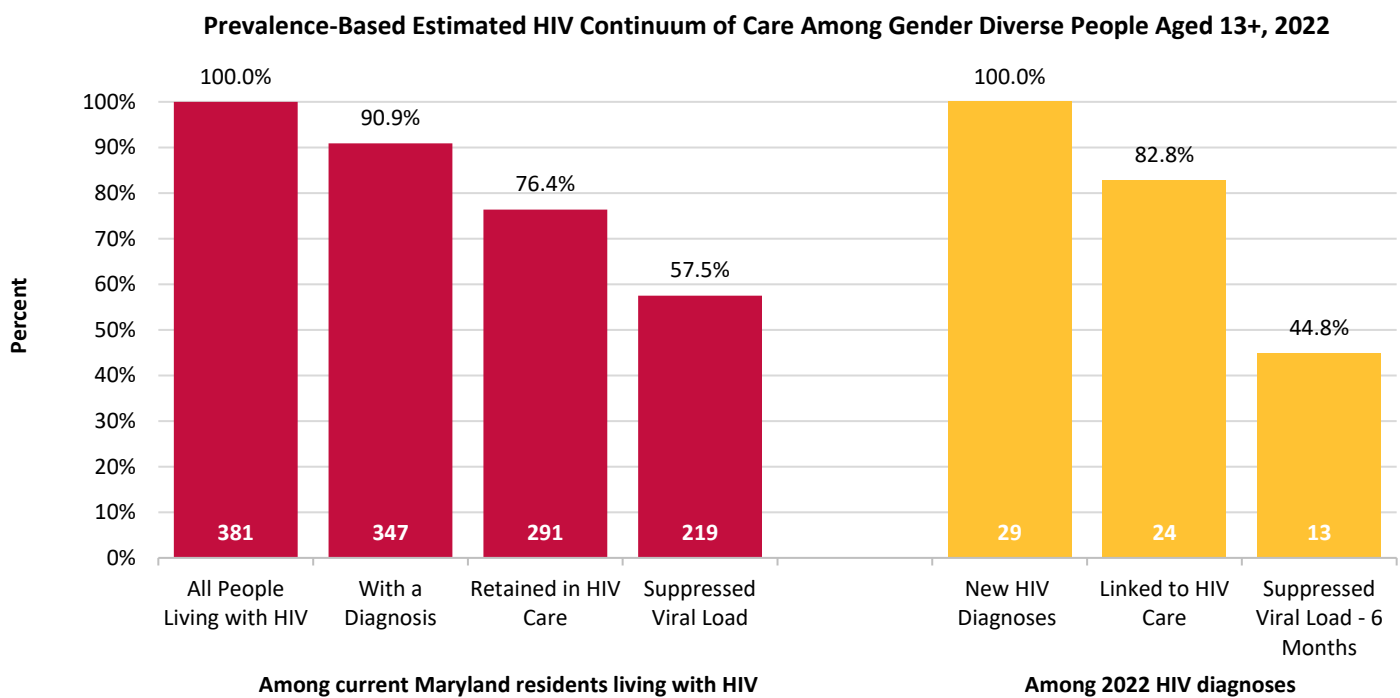
Not all exposure data is reported and is therefore missing in some instances. Multiple imputation is a statistical method by which missing exposure categories are replaced with estimated or probable exposure categories. Perinatal transmission and other exposure categories are never estimated or adjusted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

Section II – Continuum of Care Cascades

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

Figure 1 – Prevalence-Based Estimated 2022 HIV Continuum of Care Cascades, among Gender Diverse People Aged 13+ Living in Maryland, Reported through June 30, 2023

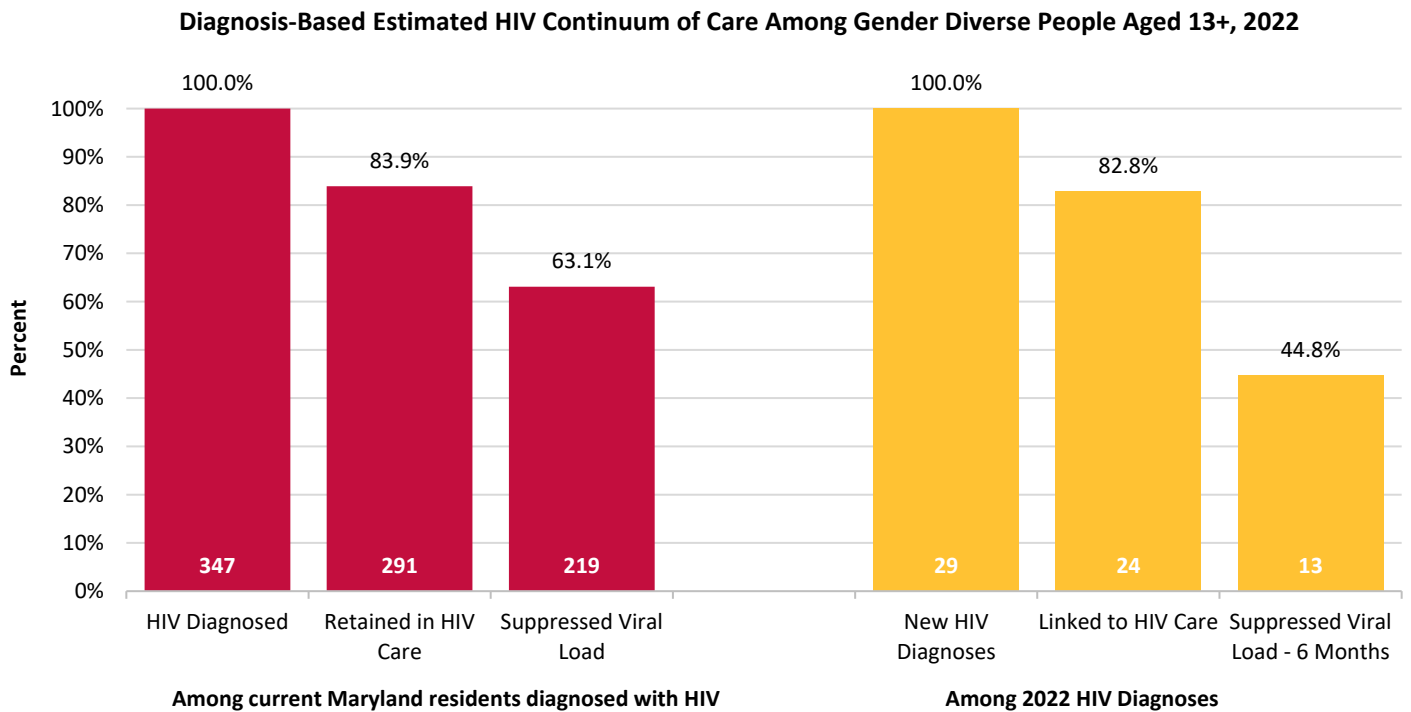
The prevalence-based Maryland Engagement in HIV Care Cascades (below) apply the CDC CD4 depletion model to Maryland surveillance data, reported through June 30, 2023, to estimate the number of people living with undiagnosed HIV (9.1%) and the estimated number of people living with HIV currently residing in Maryland. Maryland surveillance data is then used to describe the number and percentage of persons living with HIV in Maryland 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	Gender Diverse People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2022 HIV Diagnoses	
	Number	Percent		Number	Percent
All People Living with HIV	381	100.0%	New HIV Diagnoses	29	100.0%
With a Diagnosis	347	90.9%	Linked to HIV Care	24	82.8%
Retained in HIV Care	291	76.4%	Suppressed Viral Load – 6 Months	13	44.8%
Suppressed Viral Load	219	57.5%			

Figure 2 – Diagnosis-Based Estimated 2022 HIV Continuum of Care Cascades, among Gender Diverse People Aged 13+ Living in Maryland, Reported through June 30, 2023

The diagnosis-based Maryland Engagement in HIV Care Cascade (below) uses Maryland surveillance data for current Maryland residents to describe the number and percentage of persons living with diagnosed HIV in Maryland 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	Gender Diverse People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2022 HIV Diagnoses	
	Number	Percent		Number	Percent
HIV Diagnosed	347	100.0%	New HIV Diagnoses	29	100.0%
Retained in HIV Care	291	83.9%	Linked to HIV Care	24	82.8%
Suppressed Viral Load	219	63.1%	Suppressed Viral Load – 6 Months	13	44.8%

Section III – By Jurisdiction

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

Jurisdiction of Residence at Diagnosis	Reported HIV Diagnoses Among Gender Diverse People Aged 13+		Reported AIDS Diagnoses Among Gender Diverse People Aged 13+	
	No.	% of Total	No.	% of Total
Allegany	0	0.0%	0	0.0%
Anne Arundel	0	0.0%	0	0.0%
Baltimore City	13	44.8%	1	16.7%
Baltimore	2	6.9%	0	0.0%
Calvert	0	0.0%	0	0.0%
Caroline	0	0.0%	0	0.0%
Carroll	0	0.0%	0	0.0%
Cecil	0	0.0%	0	0.0%
Charles	0	0.0%	0	0.0%
Dorchester	0	0.0%	0	0.0%
Frederick	0	0.0%	0	0.0%
Garrett	0	0.0%	0	0.0%
Harford	0	0.0%	0	0.0%
Howard	0	0.0%	0	0.0%
Kent	0	0.0%	0	0.0%
Montgomery	1	3.4%	0	0.0%
Prince George's	10	34.5%	4	66.7%
Queen Anne's	1	3.4%	0	0.0%
Saint Mary's	0	0.0%	0	0.0%
Somerset	0	0.0%	0	0.0%
Talbot	0	0.0%	0	0.0%
Washington	2	6.9%	1	16.7%
Wicomico	0	0.0%	0	0.0%
Worcester	0	0.0%	0	0.0%
Corrections	0	0.0%	0	0.0%
Total	29	100.0%	6	100.0%

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

Jurisdiction of Residence at HIV Diagnosis	Reported HIV Diagnoses among Gender Diverse People Aged 13+					
	No.	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	First CD4 Test Result	
					% with Test	Median Count
Allegany	0	--	--	--	--	--
Anne Arundel	0	--	--	--	--	--
Baltimore City	13	69.2%	53.8%	0.0%	92.3%	555
Baltimore	2	***	***	***	***	***
Calvert	0	--	--	--	--	--
Caroline	0	--	--	--	--	--
Carroll	0	--	--	--	--	--
Cecil	0	--	--	--	--	--
Charles	0	--	--	--	--	--
Dorchester	0	--	--	--	--	--
Frederick	0	--	--	--	--	--
Garrett	0	--	--	--	--	--
Harford	0	--	--	--	--	--
Howard	0	--	--	--	--	--
Kent	0	--	--	--	--	--
Montgomery	1	***	***	***	***	***
Prince George's	10	100.0%	***	***	90.0%	552
Queen Anne's	1	***	***	***	***	***
Saint Mary's	0	--	--	--	--	--
Somerset	0	--	--	--	--	--
Talbot	0	--	--	--	--	--
Washington	2	***	***	***	***	***
Wicomico	0	--	--	--	--	--
Worcester	0	--	--	--	--	--
Corrections	0	--	--	--	--	--
Total	29	82.8%	44.8%	***	93.1%	467

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

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

Jurisdiction of Current Residence	Total Gender Diverse People Aged 13+ Living with Diagnosed HIV	
	No.	% of Total
Allegany	2	0.6%
Anne Arundel	12	3.5%
Baltimore City	167	48.1%
Baltimore	37	10.7%
Calvert	1	0.3%
Caroline	0	0.0%
Carroll	1	0.3%
Cecil	0	0.0%
Charles	10	2.9%
Dorchester	4	1.2%
Frederick	1	0.3%
Garrett	0	0.0%
Harford	2	0.6%
Howard	5	1.4%
Kent	0	0.0%
Montgomery	20	5.8%
Prince George's	70	20.2%
Queen Anne's	1	0.3%
Saint Mary's	3	0.9%
Somerset	1	0.3%
Talbot	2	0.6%
Washington	4	1.2%
Wicomico	2	0.6%
Worcester	0	0.0%
Corrections	2	0.6%
Total	347	100.0%

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

Jurisdiction of Current Residence	Total Gender Diverse People Aged 13+ Living with Diagnosed HIV								
	No.	Recent CD4 Test Result				<200	200-349	350-499	500+
		No. with Test	% with Test	Median Count					
Allegany	2	***	***	***	***	***	***	***	
Anne Arundel	12	8	66.7%	638	0.0%	12.5%	12.5%	75.0%	
Baltimore City	167	144	86.2%	662	8.3%	8.3%	13.9%	69.4%	
Baltimore	37	25	67.6%	1024	4.0%	8.0%	4.0%	84.0%	
Calvert	1	***	***	***	***	***	***	***	
Caroline	0	--	--	--	--	--	--	--	
Carroll	1	***	***	***	***	***	***	***	
Cecil	0	--	--	--	--	--	--	--	
Charles	10	8	80.0%	680	0.0%	0.0%	25.0%	75.0%	
Dorchester	4	***	***	***	***	***	***	***	
Frederick	1	***	***	***	***	***	***	***	
Garrett	0	--	--	--	--	--	--	--	
Harford	2	***	***	***	***	***	***	***	
Howard	5	3	60.0%	419	0.0%	33.3%	33.3%	33.3%	
Kent	0	--	--	--	--	--	--	--	
Montgomery	20	16	80.0%	703	0.0%	12.5%	0.0%	87.5%	
Prince George's	70	55	78.6%	684	12.7%	3.6%	14.5%	69.1%	
Queen Anne's	1	***	***	***	***	***	***	***	
Saint Mary's	3	***	***	***	***	***	***	***	
Somerset	1	***	***	***	***	***	***	***	
Talbot	2	***	***	***	***	***	***	***	
Washington	4	***	***	***	***	***	***	***	
Wicomico	2	***	***	***	***	***	***	***	
Worcester	0	--	--	--	--	--	--	--	
Corrections	2	***	***	***	***	***	***	***	
Total	347	277	79.8%	685	7.9%	7.6%	12.6%	71.8%	

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

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

Jurisdiction of Current Residence	Total Gender Diverse People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
Allegany	2	***	***	***	***
Anne Arundel	12	6	50.0%	100.0%	--
Baltimore City	167	143	85.6%	77.6%	4,600
Baltimore	37	25	67.6%	84.0%	202,350
Calvert	1	***	***	***	***
Caroline	0	--	--	--	--
Carroll	1	***	***	***	***
Cecil	0	--	--	--	--
Charles	10	8	80.0%	100.0%	--
Dorchester	4	***	***	***	***
Frederick	1	***	***	***	***
Garrett	0	--	--	--	--
Harford	2	***	***	***	***
Howard	5	5	100.0%	80.0%	2,110
Kent	0	--	--	--	--
Montgomery	20	15	75.0%	86.7%	30,420
Prince George's	70	54	77.1%	79.6%	73,300
Queen Anne's	1	***	***	***	***
Saint Mary's	3	***	***	***	***
Somerset	1	***	***	***	***
Talbot	2	***	***	***	***
Washington	4	***	***	***	***
Wicomico	2	***	***	***	***
Worcester	0	--	--	--	--
Corrections	2	***	***	***	***
Total	347	274	79.0%	79.9%	8,900

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

Section IV –By Demographics

Table 6 – Reported HIV Diagnoses, among Gender Diverse People Aged 13+ during 2022, Linked to Care, Viral Suppression, Late Diagnosis, and First CD4 Test Result by Gender, Age at HIV Diagnosis, Race/Ethnicity, and Exposure Category, Reported through June 30, 2023

Demographic Characteristics	Reported HIV Diagnoses among Gender Diverse People Aged 13+						First CD4 Test Result	
	No.	% of Total	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	% with Test	Median Count	
Gender								
Transgender Woman or Girl	27	93.1%	***	***	***	***	***	
Transgender Man or Boy	2	6.9%	***	***	***	***	***	
Another Gender Identity	0	0.0%	--	--	--	--	--	
Age at HIV Diagnosis								
13-19	3	10.3%	***	***	***	***	***	
20-29	12	41.4%	83.3%	41.7%	0.0%	91.7%	467	
30-39	10	34.5%	70.0%	50.0%	0.0%	100.0%	555	
40-49	3	10.3%	***	***	***	***	***	
50-59	1	3.4%	***	***	***	***	***	
60-69	0	0.0%	--	--	--	--	--	
70+	0	0.0%	--	--	--	--	--	
Alternate Age Categories								
13-24	10	34.5%	90.0%	40.0%	10.0%	100.0%	421	
25-34	11	37.9%	63.6%	36.4%	0.0%	90.9%	555	
35-44	7	24.1%	***	***	***	***	***	
45-54	0	0.0%	--	--	--	--	--	
55-64	1	3.5%	***	***	***	***	***	
65+	0	0.0%	--	--	--	--	--	
Race/Ethnicity								
Hispanic	9	31.0%	88.9%	33.3%	0.0%	88.9%	433	
Non-Hispanic	20	69.0%	80.0%	50.0%	10.0%	95.0%	512	
American Indian/Alaska Native, only	0	0.0%	--	--	--	--	--	
Asian, only	0	0.0%	--	--	--	--	--	
Black, only	19	65.5%	***	***	***	***	***	
Native Hawaiian/Other Pacific Islander, only	0	0.0%	--	--	--	--	--	
White, only	1	3.4%	***	***	***	***	***	
Multiracial/Another Race	0	0.0%	--	--	--	--	--	
Exposure Category								
Sexual Contact	28	96.6%	***	***	***	***	***	
Injection Drug Use	0	0.0%	--	--	--	--	--	
Sexual Contact and Injection Drug Use	1	3.4%	***	***	***	***	***	
Perinatal Transmission	0	0.0%	--	--	--	--	--	
Other Exposure	0	0.0%	--	--	--	--	--	
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--	
Total	29	100.0%	82.8%	44.8%	6.9%	93.1%	467	

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total.

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

Table 7 – Gender Diverse People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2022, by Gender, Age on December 31, 2022, Race/Ethnicity, and Exposure Category, Reported through June 30, 2023

Demographic Characteristics	Total Gender Diverse People Aged 13+ Living with Diagnosed HIV	
	No.	% of Total
Gender		
Transgender Woman or Girl	328	94.5%
Transgender Man or Boy	18	5.2%
Another Gender Identity	1	0.3%
Age on December 31, 2022		
13-19	3	0.9%
20-29	82	23.6%
30-39	157	45.2%
40-49	56	16.1%
50-59	34	9.8%
60-69	10	2.9%
70+	5	1.4%
Alternate Age Categories		
13-24	28	8.1%
25-34	133	38.3%
35-44	117	33.7%
45-54	38	11.0%
55-64	21	6.0%
65+	10	2.9%
Race/Ethnicity		
Hispanic	64	18.4%
Non-Hispanic	283	81.6%
American Indian/Alaska Native, only	0	0.0%
Asian, only	1	0.4%
Black, only	245	86.6%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	21	7.4%
Multiracial/Another Race	16	5.7%
Exposure Category		
Sexual Contact	327	94.3%
Injection Drug Use	6	1.7%
Sexual Contact and Injection Drug Use	12	3.5%
Perinatal Transmission	1	0.3%
Other Exposure	0	0.0%
No Estimated or Reported Exposure	0	0.0%
Total	347	100.0%

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total.

Table 8 – CD4 Test Results during 2021 for Gender Diverse People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2022, by Gender, Age on December 31, 2022, Race/Ethnicity, and Exposure Category, Reported through June 30, 2023

Demographic Characteristics	Total Gender Diverse 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+
Gender								
Transgender Woman or Girl	328	263	80.2%	687	7.6%	8.0%	12.2%	72.2%
Transgender Man or Boy	18	***	***	***	***	***	***	***
Another Gender Identity	1	***	***	***	***	***	***	***
Age on December 31, 2022								
13-19	3	***	***	***	***	***	***	***
20-29	82	67	81.7%	704	6.0%	7.5%	16.4%	70.1%
30-39	157	131	83.4%	695	9.2%	7.6%	9.2%	74.0%
40-49	56	39	69.6%	684	5.1%	5.1%	10.3%	79.5%
50-59	34	25	73.5%	678	8.0%	16.0%	8.0%	68.0%
60-69	10	9	90.0%	447	11.1%	0.0%	44.4%	44.4%
70+	5	***	***	***	***	***	***	***
Alternate Age Categories								
13-24	28	26	92.9%	534	11.5%	11.5%	15.4%	61.5%
25-34	133	107	80.5%	704	3.7%	6.5%	14.0%	75.7%
35-44	117	94	80.3%	713	10.6%	5.3%	9.6%	74.5%
45-54	38	28	73.7%	675	7.1%	14.3%	10.7%	67.9%
55-64	21	14	66.7%	553	14.3%	14.3%	14.3%	57.1%
65+	10	8	80.0%	564	12.5%	0.0%	25.0%	62.5%
Race/Ethnicity								
Hispanic	64	51	79.7%	710	2.0%	9.8%	7.8%	80.4%
Non-Hispanic	283	226	79.9%	676	9.3%	7.1%	13.7%	69.9%
American Indian/Alaska Native, only	0	--	--	--	--	--	--	--
Asian, only	1	***	***	***	***	***	***	***
Black, only	245	193	78.8%	669	9.8%	7.3%	13.5%	69.4%
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--	--	--	--
White, only	21	16	76.2%	809	6.3%	0.0%	25.0%	68.8%
Multiracial/Another Race	16	***	***	***	***	***	***	***
Exposure Category								
Sexual Contact	327	261	79.8%	691	7.6%	6.5%	12.9%	73.0%
Injection Drug Use	6	***	***	***	***	***	***	***
Sexual Contact and Injection Drug Use	12	9	75.0%	435	11.1%	33.3%	11.1%	44.4%
Perinatal Transmission	1	***	***	***	***	***	***	***
Other Exposure	0	--	--	--	--	--	--	--
No Estimated or Reported Exposure	0	--	--	--	--	--	--	--
Total	347	277	79.8%	685	7.9%	7.6%	12.6%	71.8%

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total.

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

Table 9 – Viral Load Test Results during 2022 for Gender Diverse People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2022, by Gender, Age on December 31, 2022, Race/Ethnicity, and Exposure Category, Reported through June 30, 2023

Demographic Characteristics	Total Gender Diverse People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
Gender					
Transgender Woman or Girl	328	259	79.0%	79.9%	9,210
Transgender Man or Boy	18	***	***	***	***
Another Gender Identity	1	***	***	***	***
Age on December 31, 2022					
13-19	3	***	***	***	***
20-29	82	63	76.8%	68.3%	21,650
30-39	157	131	83.4%	80.9%	6,360
40-49	56	42	75.0%	85.7%	2,750
50-59	34	25	73.5%	88.0%	69,700
60-69	10	7	70.0%	100.0%	--
70+	5	***	***	***	***
Alternate Age Categories					
13-24	28	24	85.7%	66.7%	63,050
25-34	133	103	77.4%	78.6%	11,850
35-44	117	98	83.8%	80.6%	3,480
45-54	38	29	76.3%	82.8%	15,700
55-64	21	14	66.7%	92.9%	230,000
65+	10	6	60.0%	100.0%	--
Race/Ethnicity					
Hispanic	64	48	75.0%	83.3%	23,310
Non-Hispanic	283	226	79.9%	79.2%	8,100
American Indian/Alaska Native, only	0	--	--	--	--
Asian, only	1	***	***	***	***
Black, only	245	193	78.8%	77.2%	7,230
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--
White, only	21	17	81.0%	82.4%	52,800
Multiracial/Another Race	16	***	***	***	***
Exposure Category					
Sexual Contact	327	260	79.5%	79.2%	9,520
Injection Drug Use	6	***	***	***	***
Sexual Contact and Injection Drug Use	12	9	75.0%	100.0%	--
Perinatal Transmission	1	***	***	***	***
Other Exposure	0	--	--	--	--
No Estimated or Reported Exposure	0	--	--	--	--
Total	347	274	79.0%	79.9%	8,900

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total.

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

Table 10 – Gender Diverse People Aged 13+ Living with Diagnosed HIV, by Exposure Category and Race/Ethnicity, Alive on December 31, 2022, and Reported through June 30, 2023

Exposure Category	Total Gender Diverse 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
Sexual Contact	62	96.3%	230	93.9%	20	93.8%
Injection Drug Use	0	0.6%	4	1.5%	1	6.2%
Sexual Contact and Injection Drug Use	2	3.1%	10	4.2%	0	0.0%
Perinatal Transmission	0	0.0%	1	0.4%	0	0.0%
Other Exposure	0	0.0%	0	0.0%	0	0.0%
No Estimated or Reported Exposure	0	0.0%	0	0.0%	0	0.0%
Total	64	100.0%	245	100.0%	21	100.0%

Table 11 – Engagement in Care Among Gender Diverse People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2022, by Gender, Age on December 31, 2022, Race/Ethnicity, and Exposure Category, Reported through June 30, 2023

Demographic Characteristics	Total Gender Diverse People Aged 13+ Living with Diagnosed HIV						
	No.	Linked to HIV Care - 1 Month		Retained in Care		Suppressed Viral Load	
		No.	%	No.	%	No.	%
Gender							
Transgender Woman or Girl	328	183	55.8%	275	83.8%	207	63.1%
Transgender Man or Boy	18	***	***	***	***	***	***
Additional Gender Identity	1	***	***	***	***	***	***
Age on December 31, 2022							
13-19	3	***	***	***	***	***	***
20-29	82	57	69.5%	69	84.1%	43	52.4%
30-39	157	80	51.0%	137	87.3%	106	67.5%
40-49	56	33	58.9%	43	76.8%	36	64.3%
50-59	34	14	41.2%	26	76.5%	22	64.7%
60-69	10	4	40.0%	9	90.0%	7	70.0%
70+	5	***	***	***	***	***	***
Alternate Age Categories							
13-24	28	21	75.0%	26	92.9%	16	57.1%
25-34	133	72	54.1%	112	84.2%	81	60.9%
35-44	117	68	58.1%	99	84.6%	79	67.5%
45-54	38	19	50.0%	30	78.9%	24	63.2%
55-64	21	10	47.6%	15	71.4%	13	61.9%
65+	10	3	30.0%	9	90.0%	6	60.0%
Race/Ethnicity							
Hispanic	64	43	67.2%	53	82.8%	40	62.5%
Non-Hispanic	283	150	53.0%	238	84.1%	179	63.3%
American Indian/Alaska Native, only	0	--	--	--	--	--	--
Asian, only	1	***	***	***	***	***	***
Black, only	245	133	54.3%	203	82.9%	149	60.8%
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--	--	--
White, only	21	9	42.9%	18	85.7%	14	66.7%
Multiracial/Another Race	16	***	***	***	***	***	***
Exposure Category							
Sexual Contact	327	187	57.2%	275	84.1%	206	63.0%
Injection Drug Use	6	***	***	***	***	***	***
Sexual Contact and Injection Drug Use	12	4	33.3%	9	75.0%	9	75.0%
Perinatal Transmission	1	***	***	***	***	***	***
Other Exposure	0	--	--	--	--	--	--
No Estimated or Reported Exposure	0	--	--	--	--	--	--
Total	347	193	55.6%	291	83.9%	219	63.1%

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

Glossary of Terms

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

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

Another Gender Identity: 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. 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.

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.

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

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

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

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

HIV Diagnosed: Number of people who have received an HIV diagnosis in a given time period, regardless of when they were first infected.

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

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 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.

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.

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

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.

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).

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

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

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

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

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

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

Sexual Contact: People who report a history of sexual contact with a person who is known to be HIV positive or at an increased likelihood for HIV transmission.

Sexual Contact/IDU: People who report a history of sexual contact with a person who is known to be HIV positive or at increased likelihood for HIV transmission who also have engaged in injection drug use.

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

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

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

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

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

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