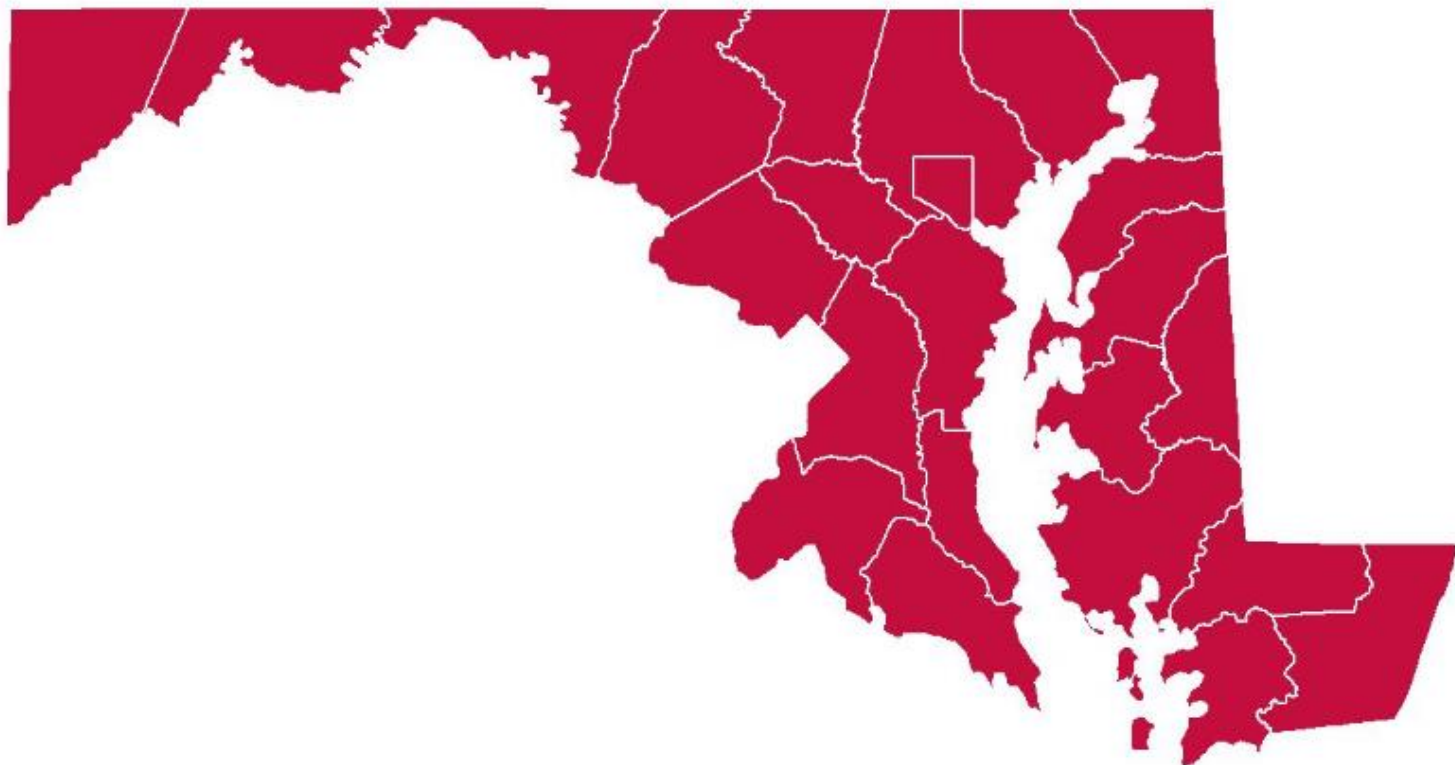# 2018

Maryland Annual HIV Epidemiological Profile
Gender Expansive People Supplement

Data reported through June 30, 2019

Maryland
DEPARTMENT OF HEALTH

Acknowledgements

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Suggested Citation

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Table of Contents

Section I – Background Information

Gender Expansive People

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

Transgender Female: A person whose sex assigned at birth is male but whose gender identity is female.

Transgender Male: A person whose sex assigned at birth is female but whose gender identity is male.

Another Gender Identity: Additional gender identities or gender expressions.

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

Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for people that have been diagnosed with HIV by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis or are current residents of Maryland as of December 31, 2018. Surveillance is the ongoing systematic collection, analysis, interpretation, and dissemination of data. Data are only available for people receiving medical care, often only at facilities in Maryland, and only includes information that has been reported to the health department. Linkage to care data is based solely on laboratory data reported to the health department.

Gender Identity: This epidemiological profile describes gender expansive people that have been diagnosed with HIV by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis or are current residents of Maryland as of December 31, 2018. Historically, it has been difficult to fully present data by gender identity. Data on gender expansive people has been limited in the Maryland Department of Health's Enhanced HIV/AIDS Reporting System (eHARS). 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 expansive people living with diagnosed HIV because of challenges in accurately identifying and reporting gender identity in HIV surveillance.

HIV Incidence: The most recent Centers for Disease Control and Prevention (CDC) estimate of the number of people living with undiagnosed HIV infection is 14.2 percent for the United States and 13.8 percent for Maryland in 2016. Using the CDC CD4 depletion model on Maryland surveillance data, the estimated number of people living with undiagnosed HIV infection in Maryland is 11.6 percent in 2017.

Maryland Residence: This epidemiological profile provides estimates of people living with diagnosed HIV in Maryland by their residence as of December 31, 2018. Residence at diagnosis and age at diagnosis are used exclusively to describe new HIV and AIDS diagnoses. Current residence data are restricted to people for which there is a case report form or laboratory test reported since January 1, 2009. 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 during the most recent ten and a half 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.

Maryland Residence – Correctional Facilities: People living with diagnosed HIV who were reported to be residing in a state or federal prison as of December 31, 2018 will be presented in the Maryland epidemiological profile only. For surveillance purposes, pre- or post-incarceration residential addresses are used for people living with diagnosed HIV who were incarcerated in local jails and detention centers. Individuals diagnosed or previously identified as residing in a correctional facility, whose most recent reported residential address indicates they were not residing in a state/federal correctional facility as of December 31, 2018, are included with estimates

of people who are not incarcerated. The movement of persons between Maryland correctional facilities is not reflected in this report.

Race/Ethnicity: The completeness of reporting for race/ethnicity is variable in surveillance data. Definitions of race/ethnicity categories may vary across agencies and some agencies do not collect or have complete data on race/ethnicity. This report may be overreporting the number of Multiracial people living with diagnosed HIV because of challenges in accurately identifying and reporting race/ethnicity in HIV surveillance.

Foreign-Born Maryland Residents: The completeness of reporting a person's country of birth is variable in surveillance data. Not all agencies collect or have complete data on nativity. In addition, some individuals may immigrate to the U.S. 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.

Mortality: Mortality (death) data is presented in this epidemiological profile. Caution should be exercised when interpreting mortality estimates for recent years due to delays in reporting.

Viral Suppression: In this epidemiological profile, viral suppression is defined as the most recent viral load measured in the specified year of less than 200 copies per milliliter. 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.

Sources of Data

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, current gender, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health's eHARS, June 30, 2019.

The continuum of care is adapted from a 2011 article in Clinical Infectious Diseases in which a continuum of care "cascade" is used to illustrate estimates of the number of people living with HIV who belong to each of the stages of engagement in HIV care.

For additional information and national estimates please visit the Centers for Disease Control and Prevention's website: https://www.cdc.gov/hiv/group/gender/transgender/index.html

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

In order to protect the confidentiality of people living with diagnosed 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 5 people.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

Exposure/risk data is not suppressed due to statistical adjustment resulting in the reporting of estimated or probable risk.

HIV Exposure Categories

The Centers for Disease Control and Prevention (CDC) developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Men who have sex with men and report injection drug use constitutes a separate transmission category.

Sexual Contact: Persons who report a history of sexual contact with a person who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

Sexual Contact/IDU: Persons who report a history of sexual contact with a person who is known to have an HIV infection or at high risk for an HIV infection who also have engaged in injection drug use.

Injection Drug Use (IDU): Persons who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

Perinatal Exposure: Any baby born to an HIV positive mother.

Other Exposure: Persons 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.

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. Multiple imputation involves filling in the missing exposure category with multiple possible exposures, creating several complete datasets. Filling in the missing exposure category is done using the observed data for the individual person as well as data in aggregate from other people living with diagnosed HIV in Maryland. The complete datasets, containing the various predictions for each missing exposure category, are combined to create a final dataset with previously missing exposure category replaced by weighted estimates. Perinatal transmission and other exposure categories are never estimated or adjusted and depict the reported exposure category.

Additional Information:

For additional information on HIV/AIDS reporting requirements, assistance with HIV/AIDS reporting, the stages of HIV surveillance, terminology, and laboratory data, please see the Maryland Annual HIV Epidemiological Profile.

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 people living with HIV who belong to each of the stages of engagement in HIV care.

Figure 1 – Prevalence-Based Estimated 2018 HIV Continuum of Care Cascades, Among Gender Expansive People Aged 13+ Living in Maryland, Reported through June 30, 2019

The prevalence-based Maryland Engagement in HIV Care Cascades (below) apply the Centers for Disease Control and Prevention (CDC) CD4 depletion model to Maryland surveillance data, reported through June 30, 2019, to estimate the number of people living with undiagnosed HIV (11.6 percent) and the estimated number of HIV infected persons currently residing in Maryland. Maryland surveillance data is then used to describe the number and percentage of gender expansive people living with HIV in Maryland on December 31, 2018 and the number and percentage of new HIV diagnoses in 2018 who belong to each of the stages of engagement in HIV care.

Prevalence-Based Estimated Adult/Adolescent Gender Expansive People HIV Continuum of Care, 2018

Among current Maryland residents living with HIV

Among 2018 HIV diagnoses
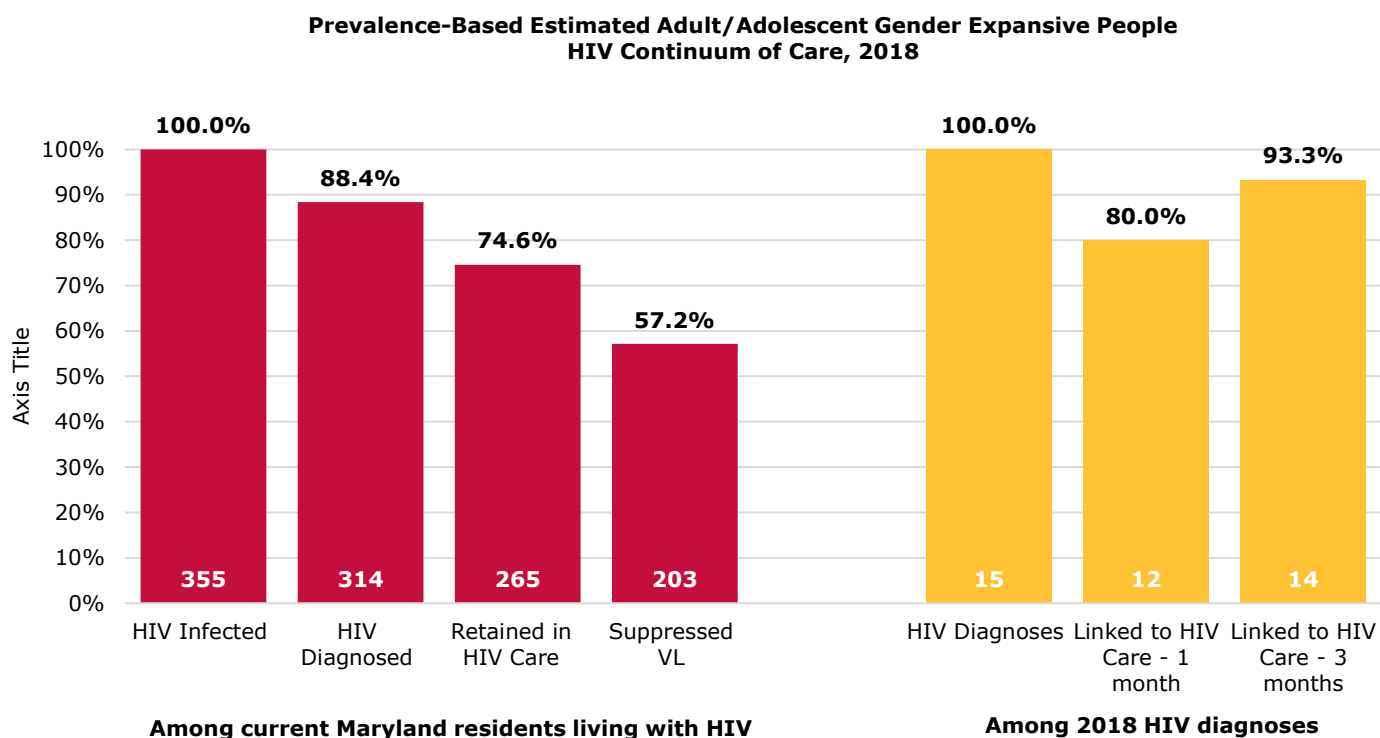
Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2018 HIV Diagnoses	
	Number	Percentage		Number	Percentage
HIV Infected	355	100.0%	New HIV Diagnoses	15	100.0%
HIV Diagnosed	314	88.4%	Linked to HIV Care – 1 Month	12	80.0%
Retained in HIV Care	265	74.6%	Linked to HIV Care – 3 Months	14	93.3%
Suppressed VL	203	57.2%			

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

[2] Centers for Disease Control and Prevention. Monitoring selected national HIV prevention and care objectives by using HIV surveillance data—United States and 6 dependent areas, 2015. *HIV Surveillance Supplemental Report* 2017;22(No. 2). http://www.cdc.gov/hiv/library/reports/hiv-surveillance.html. Published July 2017.

Figure 2 – Diagnosis-Based Estimated 2018 HIV Continuum of Care Cascades, Among Gender Expansive People Aged 13+ Living in Maryland, Reported through June 30, 2019

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 HIV in Maryland on December 31, 2018 and the number and percentage of new HIV diagnoses in 2018 who belong to each of the stages of engagement in HIV care.

Diagnosis-Based Estimated Adult/Adolescent Gender Expansive People HIV Continuum of Care, 2018

Among current Maryland residents diagnosed with HIV

Among 2018 HIV diagnoses
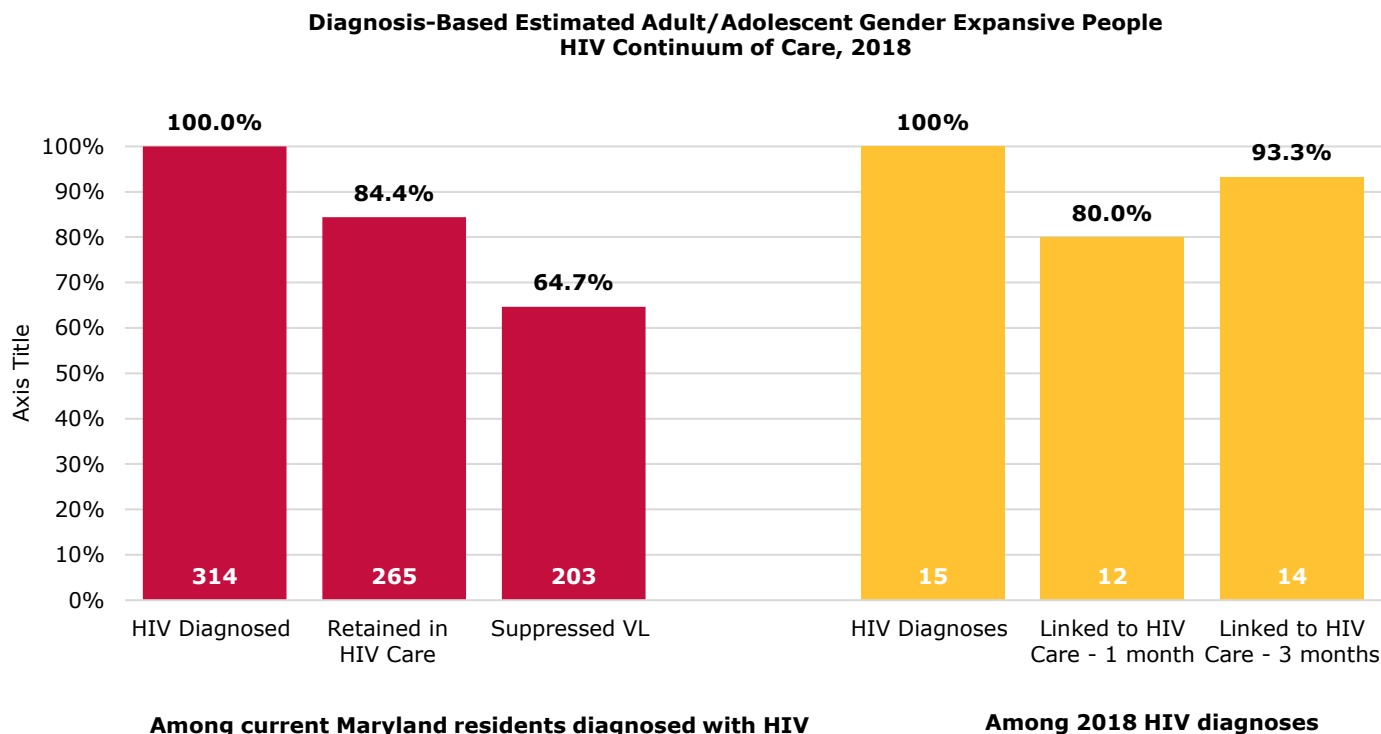
Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2018 HIV Diagnoses	
	Number	Percentage		Number	Percentage
HIV Diagnosed	314	100.0%	New HIV Diagnoses	15	100.0%
Retained in HIV Care	265	84.4%	Linked to HIV Care – 1 Month	12	80.0%
Suppressed VL	203	64.7%	Linked to HIV Care – 3 Months	14	93.3%

Section III – Reported HIV Diagnoses, Among Gender Expansive People Aged 13+, by Jurisdiction

Table 1 – Reported HIV Diagnoses, Among Gender Expansive People Aged 13+ During 2018, Linked to Care, Late Diagnosis, and First CD4 Test Result by Jurisdiction of Residence at HIV Diagnosis, Reported through June 30, 2019

Jurisdiction of Residence at HIV Diagnosis	Reported HIV Diagnoses Among Gender Expansive People Aged 13+						
	No.	% of Total	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
			% 1 mo.	% 3 mo.	%	% with Test	Median Count
Allegany	0	0.0%	--	--	--	--	--
Anne Arundel	1	6.7%	***	***	***	***	***
Baltimore City	7	46.7%	57.1%	85.7%	0.0%	85.7%	402
Baltimore	0	0.0%	--	--	--	--	--
Calvert	0	0.0%	--	--	--	--	--
Caroline	0	0.0%	--	--	--	--	--
Carroll	0	0.0%	--	--	--	--	--
Cecil	0	0.0%	--	--	--	--	--
Charles	0	0.0%	--	--	--	--	--
Dorchester	0	0.0%	--	--	--	--	--
Frederick	0	0.0%	--	--	--	--	--
Garrett	0	0.0%	--	--	--	--	--
Harford	0	0.0%	--	--	--	--	--
Howard	1	6.7%	***	***	***	***	***
Kent	0	0.0%	--	--	--	--	--
Montgomery	0	0.0%	--	--	--	--	--
Prince George's	5	33.3%	100.0%	100.0%	20.0%	80.0%	345
Queen Anne's	0	0.0%	--	--	--	--	--
Saint Mary's	0	0.0%	--	--	--	--	--
Somerset	0	0.0%	--	--	--	--	--
Talbot	0	0.0%	--	--	--	--	--
Washington	1	6.7%	***	***	***	***	***
Wicomico	0	0.0%	--	--	--	--	--
Worcester	0	0.0%	--	--	--	--	--
Corrections	0	0.0%	--	--	--	--	--
Total	**15**	**100.0%**	**80.0%**	**93.3%**	**13.3%**	**86.7%**	**397**

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

Table 2 – Gender Expansive People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Jurisdiction of Residence at Diagnosis and Current Residence, Reported through June 30, 2019

| Jurisdiction of Residence | Total Gender Expansive People Aged 13+ Living with Diagnosed HIV | | | |
| | Residence at Diagnosis | | Current Residence | |
	No.	% of Total	No.	% of Total
Allegany	0	0.0%	0	0.0%
Anne Arundel	13	4.5%	21	6.7%
Baltimore City	152	52.4%	157	50.0%
Baltimore	27	9.3%	28	8.9%
Calvert	1	0.3%	1	0.3%
Caroline	1	0.3%	0	0.0%
Carroll	1	0.3%	2	0.6%
Cecil	0	0.0%	1	0.3%
Charles	3	1.0%	4	1.3%
Dorchester	3	1.0%	4	1.3%
Frederick	2	0.7%	2	0.6%
Garrett	0	0.0%	0	0.0%
Harford	3	1.0%	8	2.5%
Howard	2	0.7%	3	1.0%
Kent	0	0.0%	0	0.0%
Montgomery	15	5.2%	13	4.1%
Prince George's	46	15.9%	56	17.8%
Queen Anne's	1	0.3%	0	0.0%
Saint Mary's	3	1.0%	3	1.0%
Somerset	2	0.7%	1	0.3%
Talbot	0	0.0%	0	0.0%
Washington	3	1.0%	5	1.6%
Wicomico	3	1.0%	2	0.6%
Worcester	0	0.0%	0	0.0%
Corrections	9	3.1%	3	1.0%
Total	290	100.0%	314	100.0%

Table 3 – CD4 Test Results During 2018 for Gender Expansive People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Jurisdiction of Current Residence, Reported through June 30, 2019

Jurisdiction of Current Residence	No.	Total Gender Expansive People Aged 13+ Living with Diagnosed HIV						
		Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Allegany	0	--	--	--	--	--	--	--
Anne Arundel	21	17	81.0%	525	0.0%	23.5%	23.5%	52.9%
Baltimore City	157	127	80.9%	624	10.2%	8.7%	15.0%	66.1%
Baltimore	28	22	78.6%	727	0.0%	13.6%	9.1%	77.3%
Calvert	1	***	***	***	***	***	***	***
Caroline	0	--	--	--	--	--	--	--
Carroll	2	***	***	***	***	***	***	***
Cecil	1	***	***	***	***	***	***	***
Charles	4	***	***	***	***	***	***	***
Dorchester	4	***	***	***	***	***	***	***
Frederick	2	***	***	***	***	***	***	***
Garrett	0	--	--	--	--	--	--	--
Harford	8	***	***	***	***	***	***	***
Howard	3	***	***	***	***	***	***	***
Kent	0	--	--	--	--	--	--	--
Montgomery	13	13	100.0%	708	0.0%	15.4%	15.4%	69.2%
Prince George's	56	42	75.0%	615	7.1%	9.5%	19.0%	64.3%
Queen Anne's	0	--	--	--	--	--	--	--
Saint Mary's	3	***	***	***	***	***	***	***
Somerset	1	***	***	***	***	***	***	***
Talbot	0	--	--	--	--	--	--	--
Washington	5	5	100.0%	722	20.0%	0.0%	0.0%	80.0%
Wicomico	2	***	***	***	***	***	***	***
Worcester	0	--	--	--	--	--	--	--
Corrections	3	***	***	***	***	***	***	***
Total	314	253	80.6%	624	8.3%	10.7%	15.8%	65.2%

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

Table 4 – Viral Load Test Results During 2018 for Gender Expansive People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Jurisdiction of Current Residence, Reported through June 30, 2019

| Jurisdiction of Current Residence | Total Gender Expansive People Aged 13+ Living with Diagnosed HIV | | | | |
| | No. | Recent Viral Load Test Result | | | |
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Allegany	0	--	--	--	--
Anne Arundel	21	17	81.0%	76.5%	13,635
Baltimore City	157	132	84.1%	74.2%	9,999
Baltimore	28	23	82.1%	73.9%	713
Calvert	1	***	***	***	***
Caroline	0	--	--	--	--
Carroll	2	***	***	***	***
Cecil	1	***	***	***	***
Charles	4	***	***	***	***
Dorchester	4	***	***	***	***
Frederick	2	***	***	***	***
Garrett	0	--	--	--	--
Harford	8	6	75.0%	83.3%	1,310,000
Howard	3	***	***	***	***
Kent	0	--	--	--	--
Montgomery	13	12	92.3%	83.3%	1,015
Prince George's	56	44	78.6%	81.8%	12,455
Queen Anne's	0	--	--	--	--
Saint Mary's	3	***	***	***	***
Somerset	1	***	***	***	***
Talbot	0	--	--	--	--
Washington	5	5	100.0%	100.0%	
Wicomico	2	***	***	***	***
Worcester	0	--	--	--	--
Corrections	3	***	***	***	***
Total	314	261	83.1%	77.8%	7,610

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

Section IV – Gender Expansive People Living with Diagnosed HIV by Demographics

Table 5 – Reported HIV Diagnoses, Among Gender Expansive People Aged 13+ During 2018, Linked to Care, Late Diagnosis, and First CD4 Test Result by Gender, Age at HIV Diagnosis, Race/Ethnicity, and Exposure Category, Reported through June 30, 2019

Demographic Characteristics	Reported HIV Diagnoses Among Gender Expansive People Aged 13+						
	No.	% of Total	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
			% 1 mo.	% 3 mo.	%	%	Median Count
Gender							
Transgender Female	14	93.3%	85.7%	92.9%	***	85.7%	389
Transgender Male	1	6.7%	***	***	***	***	***
Another Gender Identity	0	0.0%	--	--	--	--	--
Age at HIV Diagnosis							
13-19	1	6.7%	***	***	***	***	***
20-29	7	46.7%	100.0%	100.0%	***	100.0%	324
30-39	6	40.0%	66.7%	100.0%	***	100.0%	419
40-49	1	6.7%	***	***	***	***	***
50-59	0	0.0%	--	--	--	--	--
60+	0	0.0%	--	--	--	--	--
Race/Ethnicity							
Hispanic	2	13.3%	***	***	***	***	***
Non-Hispanic	13	86.7%	76.9%	92.3%	***	84.6%	397
American Indian/Alaska Native, only	0	0.0%	--	--	--	--	--
Asian, only	0	0.0%	--	--	--	--	--
Black, only	11	73.3%	72.7%	90.9%	***	81.8%	397
Native Hawaiian/Other Pacific Islander, only	0	0.0%	--	--	--	--	--
White, only	2	13.3%	***	***	***	***	***
Multiracial/Other	0	0.0%	--	--	--	--	--
Exposure Category							
Sexual Contact	14	92.7%	86.3%	93.5%	***	86.3%	389
Injection Drug Use	1	7.3%	***	***	***	***	***
Sexual Contact and Injection Drug Use	0	0.0%	--	--	--	--	--
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	15	100.0%	80.0%	93.3%	***	86.7%	397

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 6 – Gender Expansive People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Gender, Age on December 31, 2018, Race/Ethnicity, and Exposure Category, Reported through June 30, 2019

Demographic Characteristics	Total Gender Expansive People Aged 13+ Living with Diagnosed HIV	
	No.	% of Total
Gender		
Transgender Female	296	94.3%
Transgender Male	17	5.4%
Another Gender Identity	1	0.3%
Age on December 31, 2018		
13-19	4	1.3%
20-29	84	26.8%
30-39	120	38.2%
40-49	51	16.2%
50-59	34	10.8%
60+	21	6.7%
Race/Ethnicity		
Hispanic	41	13.1%
Non-Hispanic	273	86.9%
American Indian/Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	235	74.8%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	21	6.7%
Multiracial/Other	17	5.4%
Exposure Category		
Sexual Contact	270	85.9%
Injection Drug Use	16	5.0%
Sexual Contact and Injection Drug Use	26	8.2%
Perinatal Transmission	3	1.0%
Other Exposure	0	0.0%
No Estimated or Reported Exposure	0	0.0%
Total	314	100.0%

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

Table 7 – CD4 Test Results During 2018 for Gender Expansive People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Gender, Age on December 31, 2018, Race/Ethnicity, and Exposure Category, Reported through June 30, 2019

Demographic Characteristics	Total Gender Expansive People Aged 13+ Living with Diagnosed HIV							
		Recent CD4 Test Result						
	No.	No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Gender								
Transgender Female	296	239	80.7%	624	8.8%	10.9%	15.9%	64.4%
Transgender Male	17	***	***	***	***	***	***	***
Another Gender Identity	1	***	***	***	***	***	***	***
Age on December 31, 2018								
13-19	4	***	***	***	***	***	***	***
20-29	84	71	84.5%	623	12.7%	8.5%	12.7%	66.2%
30-39	120	100	83.3%	619	8.0%	13.0%	19.0%	60.0%
40-49	51	36	70.6%	734	0.0%	2.8%	13.9%	83.3%
50-59	34	25	73.5%	589	12.0%	24.0%	8.0%	56.0%
60+	21	***	***	***	***	***	***	***
Race/Ethnicity								
Hispanic	41	34	82.9%	679	0.0%	5.9%	20.6%	73.5%
Non-Hispanic	273	219	80.2%	623	9.6%	11.4%	15.1%	63.9%
American Indian/Alaska Native, only	0	--	--	--	--	--	--	--
Asian, only	0	--	--	--	--	--	--	--
Black, only	235	189	80.4%	618	9.5%	12.2%	15.3%	63.0%
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--	--	--	--
White, only	21	15	71.4%	722	6.7%	6.7%	13.3%	73.3%
Multiracial/Other	17	15	88.2%	531	13.3%	6.7%	13.3%	66.7%
Exposure Category								
Sexual Contact	270	221	81.8%	639	8.0%	10.7%	16.3%	65.0%
Injection Drug Use	16	***	***	***	***	***	***	***
Sexual Contact and Injection Drug Use	26	19	75.8%	531	17.0%	10.3%	15.5%	57.2%
Perinatal Transmission	3	***	***	***	***	***	***	***
Other Exposure	0	--	--	--	--	--	--	--
No Estimated or Reported Exposure	0	--	--	--	--	--	--	--
Total	314	253	80.6%	624	8.3%	10.7%	15.8%	65.2%

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 8 – Viral Load Test Results During 2018 for Gender Expansive People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Gender, Age on December 31, 2018, Race/Ethnicity, and Exposure Category, Reported through June 30, 2019

Demographic Characteristics	Total Gender Expansive People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Gender					
Transgender Female	296	245	82.8%	77.6%	6,809
Transgender Male	17	***	***	***	***
Another Gender Identity	1	***	***	***	***
Age on December 31, 2018					
13-19	4	***	***	***	***
20-29	84	73	86.9%	71.2%	8,410
30-39	120	103	85.8%	76.7%	22,735
40-49	51	38	74.5%	89.5%	2,885
50-59	34	25	73.5%	80.0%	6,809
60+	21	***	***	***	***
Race/Ethnicity					
Hispanic	41	35	85.4%	97.1%	41,300
Non-Hispanic	273	226	82.8%	74.8%	6,809
American Indian/Alaska Native, only	0	--	--	--	--
Asian, only	0	--	--	--	--
Black, only	235	194	82.6%	73.2%	7,610
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--
White, only	21	16	76.2%	87.5%	267,500
Multiracial/Other	17	16	94.1%	81.3%	237
Exposure Category					
Sexual Contact	270	228	84.6%	77.5%	10,007
Injection Drug Use	16	***	***	***	***
Sexual Contact and Injection Drug Use	26	19	72.3%	87.6%	620
Perinatal Transmission	3	***	***	***	***
Other Exposure	0	--	--	--	--
No Estimated or Reported Exposure	0	--	--	--	--
Total	314	261	83.1%	77.8%	7,610

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 – Gender Expansive People Aged 13+ Living with Diagnosed HIV, by Exposure Category and Race/Ethnicity, Alive on December 31, 2018, and Reported through June 30, 2019

Exposure Category	Total Gender Expansive 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	39	95.1%	199	84.7%	17	81.0%
Injection Drug Use	1	2.4%	13	5.7%	0	0.0%
Sexual Contact and Injection Drug Use	1	2.4%	21	8.8%	3	14.3%
Perinatal Transmission	0	0.0%	2	0.9%	1	4.8%
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	41	100.0%	235	100.0%	21	100.0%

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

Figure 3 – Proportion of Gender Expansive People Aged 13+ Living with Diagnosed HIV, by Estimated Exposure Category, Race/Ethnicity, and Gender, Alive on December 31, 2018, Reported through June 30, 2019
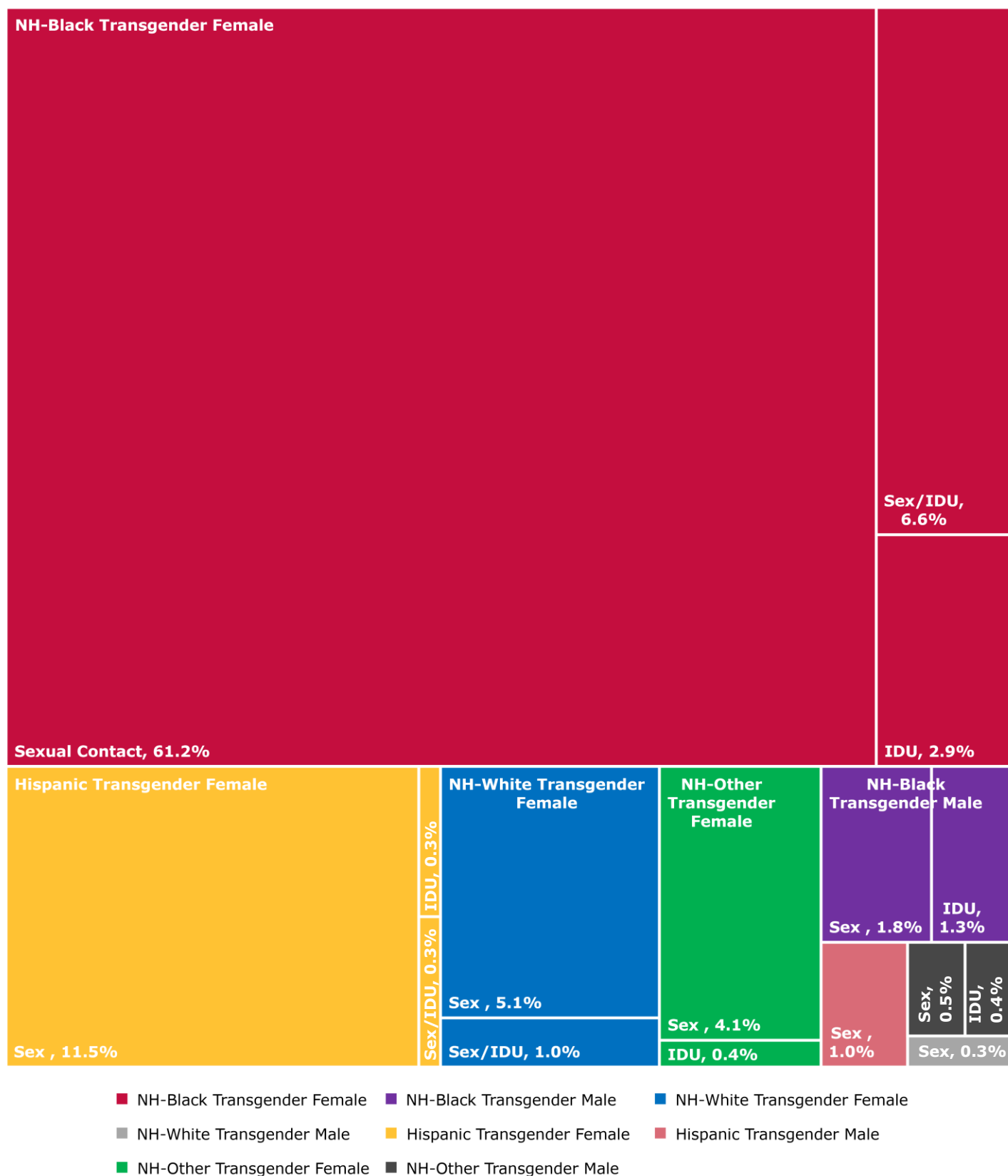
Note. Other exposure category and perinatal transmission not shown (<2 percent). Multiple imputation was used to estimate and adjust for missing transmission category.

Table 10 – Engagement in Care Among Gender Expansive People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Gender, Age on December 31, 2018, Race/Ethnicity, and Exposure Category, Reported through June 30, 2019

Demographic Characteristics	Total Gender Expansive People Aged 13+ Living with Diagnosed HIV						
	No.	Linked to HIV Care - 3 Months		Retained in Care		Suppressed Viral Load	
		No.	%	No.	%	No.	%
Gender							
Transgender Women	296	170	57.4%	249	84.1%	190	64.2%
Transgender Men	17	10	58.8%	15	88.2%	13	76.5%
Additional Gender Identity	1	***	***	***	***	***	***
Age on December 31, 2018							
13-19	4	***	***	***	***	***	***
20-29	84	53	63.1%	74	88.1%	52	61.9%
30-39	120	69	57.5%	105	87.5%	79	65.8%
40-49	51	32	62.7%	38	74.5%	34	66.7%
50-59	34	14	41.2%	26	76.5%	20	58.8%
60+	21	9	42.9%	18	85.7%	15	71.4%
Race/Ethnicity							
Hispanic	41	31	75.6%	35	85.4%	34	82.9%
Non-Hispanic	273	150	54.9%	230	84.2%	169	61.9%
American Indian/Alaska Native, only	0	--	--	--	--	--	--
Asian, only	0	--	--	--	--	--	--
Black, only	235	129	54.9%	198	84.3%	142	60.4%
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--	--	--
White, only	21	10	47.6%	16	76.2%	14	66.7%
Multiracial/Other	17	11	64.7%	16	94.1%	13	76.5%
Exposure Category							
Sexual Contact	270	163	60.3%	230	85.3%	176.9	65.6%
Injection Drug Use	16	6	37.8%	13	85.3%	7.9	50.6%
Sexual Contact and Injection Drug Use	26	12	48.0%	20	76.2%	16.2	63.3%
Perinatal Transmission	0	--	--	--	--	--	--
Other Exposure	3	***	***	***	***	***	***
No Estimated or Reported Exposure	0	--	--	--	--	--	--
Total	314	180	57.3%	264	84.1%	203	64.6%

Glossary of Terms

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

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

Another Gender Identity: All other gender identities or gender expressions.

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).

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

Current Residence: Jurisdiction of residence from the most recent report since January 1, 2009.

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.

Injection Drug Use (IDU): People who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

Jurisdiction of Current Residence: Jurisdiction of residence from the most recent report since January 1, 2009.

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

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at late 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 3 months 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: 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 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 Exposure: Any baby born to an HIV positive mother.

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

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

Sexual Contact: People who report a history of sexual contact with a person who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

Sexual Contact/IDU: People who report a history of sexual contact with a person who is known to have an HIV infection or at high risk for an HIV infection 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.

Total Gender Expansive 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 Female: A person whose sex assigned at birth is male but whose gender identity is female.

Transgender Male: A person whose sex assigned at birth is female but whose gender identity is male.

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