

**2019**

# **BALTIMORE COUNTY ANNUAL HIV EPIDEMIOLOGICAL PROFILE**

**Data reported through  
June 30, 2020**

**CENTER FOR HIV  
SURVEILLANCE,  
EPIDEMIOLOGY AND  
EVALUATION**

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



## Acknowledgements

This report is published by The Center for HIV Surveillance, Epidemiology and Evaluation (CHSEE). This report would not have been possible without the cooperation, dedication and hard work of HIV health care providers, local health departments, community groups, researchers, and members of the community.

This report was prepared by the following CHSEE staff: Alyssa Arey, Morgan Boyer, James Carrier, Colin Flynn, Molly Gribbin, Trevor Hsu, Amber Lee, Michelle Ryan, and Jami Stockdale.

## Maryland Department of Health Non-Discrimination Statement

The Maryland Department of Health (MDH) complies with applicable Federal civil right laws and does not discriminate on the basis of race, color, national origin, age, disability in its health programs and activities.

### English

Help is available in your language: 410-767-5227 (TTY: 800-735-2258). These services are available for free.

### Español/Spanish

Hay ayuda disponible en su idioma: 410-767-5227 (TTY: 800-735-2258). Estos servicios están disponibles gratis.

### 中文/Chinese

用您的语言为您提供帮助: 410-767-5227 (TTY: 800-735-2258). 这些服务都是免费的

## Suggested Citation

Baltimore County Annual HIV Epidemiological Profile 2019. Center for HIV Surveillance, Epidemiology and Evaluation, Maryland Department of Health, Baltimore, MD. 2020.

## On the Web

<https://phpa.health.maryland.gov/OIDEOR/CHSE/SiteAssets/Pages/statistics/Baltimore-County-Annual-HIV-Epidemiological-Profile-2019>

## Additional Information and Reporting Instructions

<https://phpa.health.maryland.gov/OIDEOR/CHSE/pages/Home.aspx>

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

# Table of Contents

<b>Section I – Summary of Analyses and Technical Notes .....</b>	<b>5</b>
<b>Section II – Trends 1985-2019.....</b>	<b>9</b>
Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, Among Residents at Diagnosis, 1985-2019, Reported through June 30, 2020.....	9
Figure 2 – Trends in People Living with Diagnosed HIV, Among Residents at Diagnosis, 1985-2019, Reported through June 30, 2020 .....	10
Figure 3 – Trends in People Aged 13+ Living with Diagnosed HIV, Among Current Residents, 2010-2019, Reported through June 30, 2020 .....	11
Figure 4 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, by Sex at Birth, 1985-2019, Reported through June 30, 2020 .....	12
Figure 5 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, by Race/Ethnicity, 1985-2019, Reported through June 30, 2020 .....	14
Figure 6 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, 1985-2019, Reported through June 30, 2020 .....	16
Figure 7 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, by Estimated Exposure Category, 1985-2019, Reported through June 30, 2020 .....	18
<b>Section III – Continuum of Care Cascades.....</b>	<b>20</b>
Figure 8 – Prevalence-Based Estimated 2019 HIV Continuum of Care Cascades, Among Current Baltimore County Residents Aged 13+, Reported through June 30, 2020 .....	20
Figure 9 – Diagnosis-Based Estimated 2019 HIV Continuum of Care Cascades, Among Current Baltimore County Residents Aged 13+, Reported through June 30, 2020 .....	21
<b>Section IV – By ZIP Code .....</b>	<b>22</b>
Table 1 – Reported HIV Diagnoses and Reported AIDS Diagnoses, Among People Aged 13+ During 2019, by ZIP Code of Residence at Diagnosis, Reported through June 30, 2020.....	22
Table 2 – Reported HIV Diagnoses, Among People Aged 13+ During 2019, Linked to Care, Late Diagnosis, First CD4 Test Result, and Mean Years from HIV Diagnosis by ZIP Code of Residence at Diagnosis, Reported through June 30, 2020.....	24
Table 3 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by ZIP Code of Residence at Diagnosis and Current Residence, Reported through June 30, 2020.....	25
Table 4 – CD4 Test Results During 2019 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by ZIP Code of Current Residence, Reported through June 30, 2020.....	27
Table 5 – Viral Load Test Results During 2019 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by ZIP Code of Current Residence, Reported through June 30, 2020 .....	29
<b>Section V – By Age.....</b>	<b>31</b>
Table 6 – Reported HIV Diagnoses During 2019, Linked to Care, Late Diagnosis, and First CD4 Test Result by Age at HIV Diagnosis, Reported through June 30, 2020.....	31
Table 7 – People Living with Diagnosed HIV, Alive on December 31, 2019, by Age on December 31, 2019, Reported through June 30, 2020.....	31
Table 8 – CD4 Test Results During 2019 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Age on December 31, 2019, Reported through June 30, 2020.....	31
Table 9 – Viral Load Test Results During 2019 for People Living with Diagnosed HIV, Alive on December 31, 2019, by Age on December 31, 2019, Reported through June 30, 2020 .....	32
<b>Section VI – By Demographics .....</b>	<b>33</b>

Table 10 – Reported HIV Diagnoses, Among People Aged 13+ During 2019, Linked to Care, Late Diagnosis, and First CD4 Test Result by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2020 .....	33
Table 11 – Reported HIV Diagnoses, Among People Aged 13+ During 2019, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2020.....	34
Table 12 – People Aged 13+ Living with Diagnosed HIV Alive on December 31, 2019, by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2020 .....	35
Table 13 – People Aged 13+ Living with Diagnosed HIV Alive on December 31, 2019, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2020 .....	36
Table 14 – CD4 Test Results During 2019 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Sex at Birth, Gender, Race/Ethnicity and Country of Birth, Reported through June 30, 2020 .....	37
Table 15 – Viral Load Test Results During 2019 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Sex at Birth, Gender, Race/Ethnicity and Country of Birth, Reported through June 30, 2020 .....	38
Table 16 – Males Living with Diagnosed HIV by Age on December 31, 2019 and Race/Ethnicity, Alive on December 31, 2019, and Reported through June 30, 2020.....	39
Table 17 – Females Living with Diagnosed HIV by Age on December 31, 2019 and Race/Ethnicity, Alive on December 31, 2019, and Reported through June 30, 2020.....	40
<b>Section VII – By HIV Exposure Category.....</b>	<b>41</b>
Table 18 – Reported HIV Diagnoses, Among People Aged 13+ During 2019, Linked to Care, Late Diagnosis, and First CD4 Test Result, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2020 .....	41
Table 19 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2020 .....	42
Table 20 – People Aged 13+ Living with Diagnosed HIV by Estimated or Reported Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on December 31, 2019, and Reported through June 30, 2020 .....	43
Table 21 – CD4 Test Results During 2019 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Estimated or Reported Exposure Category, Reported through June 30, 2020 .....	44
Table 22 – Viral Load Test Results During 2019 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Estimated or Reported Exposure Category, Reported through June 30, 2020 .....	44
<b>Section VIII – Disease Progression and Mortality .....</b>	<b>45</b>
Figure 10 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2018, Reported through June 30, 2020 .....	45
Figure 11 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2018, Reported through June 30, 2020 .....	47
<b>Section IX – Pediatrics .....</b>	<b>49</b>
Figure 12 – Trends in Reported HIV Diagnoses Among People Aged <13, 1985-2019, Reported through June 30, 2020.....	49
Table 23 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2019, by Jurisdiction of Current Residence, Reported through June 30, 2020 .....	50
Table 24 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2019, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2020 .....	50
<b>Glossary of Terms.....</b>	<b>51</b>

## Section I – Summary of Analyses and Technical Notes

### Highlights of Analyses

The Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health 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 attempt to summarize information about the HIV epidemic in Maryland.

All rates are per 100,000 population.

#### HIV Diagnoses

During 2019, there were 117 reported HIV diagnoses in Baltimore County. Data presented below describe HIV diagnoses in Baltimore County, among people age 13 years and older, during 2019.

- Geographic distribution: In Baltimore County, seven of the fifty-five ZIP codes accounted for half (59.7%) of HIV diagnoses. The ZIP code with the highest number (15, 12.8%) of HIV diagnoses is 21133. The highest rate is in 21215 (66.5).
- Age: Persons aged 20-39 years accounted for more than half (71, 60.7%) of HIV diagnoses. The highest rate was among 20-29-year-olds (46.5).
- Sex at Birth: Males accounted for the highest number (95, 81.2%) of HIV diagnoses. The rate among males was 29.1 and 5.9 among females.
- Race/Ethnicity: Non-Hispanic Blacks accounted for the highest number (86, 73.5%) and the highest rate (42.7) of HIV diagnoses.
- Exposure Category: Male-to-male sexual contact accounted for the highest number (71, 60.9%) of diagnoses.

#### People living with Diagnosed HIV

At the end of 2019, there were 3,769 people living with diagnosed HIV in Baltimore County. Data presented below describe people living with diagnosed HIV, aged 13 years and older, in Baltimore County.

- Geographic distribution: In Baltimore County, seven ZIP codes accounted for half (53.9%) of people living with diagnosed HIV. The ZIP code with the highest number (375, 9.9%) of people living with diagnosed HIV is 21207. The highest rate is in 21215 (3,389.3).
- Age: Persons aged 50+ years accounted for the highest number (1,905, 50.5%) of people living with diagnosed HIV. The highest rate was among 50-59-year-olds (984.7).
- Sex at Birth: Males accounted for the highest number (2,365, 62.7%) of people living with diagnosed HIV. The rate among males was 724.5 and 377.1 among females.
- Race/Ethnicity: Non-Hispanic Blacks accounted for the highest number (2,664, 70.7%) of the people living with diagnosed HIV, as well as the highest rate (1,324.0).
- Exposure Category: Heterosexual contact accounted for the highest number (1,529, 40.6%) of the total people living with diagnosed HIV.

#### Engagement in HIV Care

- HIV diagnosed: Among people living with HIV in Baltimore County, it is estimated that 78.3% have been diagnosed, while an estimated 1,045 people with HIV in Baltimore County remain undiagnosed.
- Linked to care: During 2019, 90.6% of reported HIV diagnoses were linked to HIV care within one month of their HIV diagnosis.
- Retained in care: Among people living with diagnosed HIV, 82.3% were retained in care during 2019.
- Viral suppression: In 2019, 72.5% of 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 HIV be reported by name to the Maryland Department of Health. 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 infants 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

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

- The Background Information section has been replaced with the Summary of Analyses and Technical Notes section.
- Tables describing new HIV diagnoses by geography have been restructured. All new HIV and AIDS diagnoses will appear in Table 1. All laboratory data and outcomes for new HIV diagnoses will be described in Table 2. In the county level reports, only ZIP codes with at least five new HIV diagnoses during the specified year will be included in tables describing laboratory data and outcomes.
- Tables describing people living with diagnosed HIV by sex at birth and race/ethnicity have been added to the demographics section (Section VI).
- Mean years from HIV to AIDS diagnosis and the percentage of late HIV diagnoses among AIDS diagnoses is no longer presented in tables. Aggregate disease progression data by year is presented in Figure 10.

- The population pyramids figure describing people living with diagnosed HIV by race/ethnicity, sex at birth, and age is no longer included in this report.
- The treemap figure presenting data by sex at birth, race/ethnicity, and exposure category is no longer included in this report.

### Data Specifications

Surveillance is the ongoing systematic collection, analysis, interpretation, and dissemination of data. Data are only available for people that have been diagnosed with HIV by a health care provider, were residents of Maryland at the time of diagnosis or are current residents of Maryland as of December 31, 2019, are receiving medical care (often only at facilities in Maryland), and only includes information that has been reported to the health department.

Data presented were reported to the Maryland Department of Health through June 30, 2020. Reported new diagnoses and estimates of people living with diagnosed HIV are as of December 31, 2019.

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.

#### New 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 13.8 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 infection in Maryland is 10.8 percent in 2018.

<sup>1</sup>Centers for Disease Control and Prevention. Estimated HIV incidence and prevalence in the United States, 2014–2018. HIV Surveillance Supplemental Report 2020;25(No. 1). <http://www.cdc.gov/hiv/library/reports/hiv-surveillance.html>. Published May 2020. Accessed May 2020

### 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 or if the percent of T-Lymphocyte cells that are CD4+ is less than 14 percent.

### Mortality

People are assumed to be alive unless reported as deceased to the Maryland Department of Health. Caution should be exercised when interpreting mortality estimates for recent years due to delays in reporting.

### 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 HIV and AIDS diagnoses. Estimates describing the number 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, 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 since prior to 2009.

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.

### Residents of Correctional Facilities

People living with diagnosed HIV who were reported to be residing in a state or federal prison will be described for Maryland 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.

### Gender Identity

This epidemiological profile describes people by gender identity. Gender identity is one's internal understanding of one's own gender or the gender with which a person identifies. 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 (defined as people who have a gender identity or gender expression that differs from their assigned sex at birth) living with diagnosed HIV because of challenges in accurately identifying and reporting gender identity in HIV surveillance.

### 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.

### Country of Birth

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.

### HIV Exposure Categories

The 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 report a history of sexual contact with other men and report injection drug use constitutes a separate transmission category.

### Sources of Data

Information on HIV and AIDS diagnoses, including residence, 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 Enhanced HIV/AIDS Reporting System (eHARS), as of June 30, 2020.

Population data by sex, age, and race/ethnicity are from the July 1, 2019 U.S. Census Estimates. Population data by country-of-birth are from the Census Bureau's 2018 American Community Survey. This produces a difference in total population due to the 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 race and Non-Hispanic some other 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

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 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

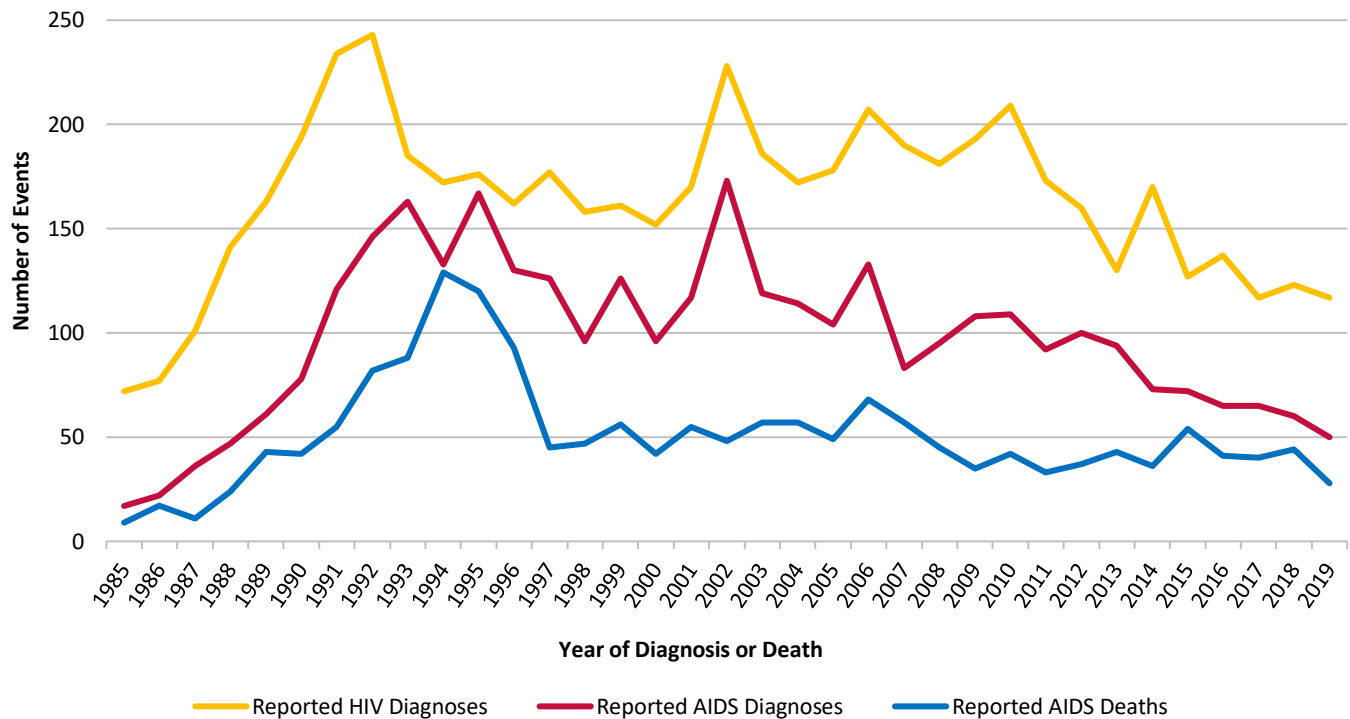
Not all exposure data is reported and is therefore missing in some instances. Multiple imputation is a statistical method by which missing exposure categories are replaced with estimated or probable exposure categories. Perinatal transmission and other exposure categories are never estimated or adjusted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



## Section II – Trends 1985-2019

**Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, Among Residents at Diagnosis, 1985-2019, Reported through June 30, 2020**

People Diagnosed with HIV (Reported HIV Diagnoses) by Year of HIV Diagnosis, People Diagnosed with HIV with an AIDS Diagnosis (Reported AIDS Diagnoses) by Year of AIDS Diagnosis, and People Diagnosed with HIV with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2019, as Reported through June 30, 2020

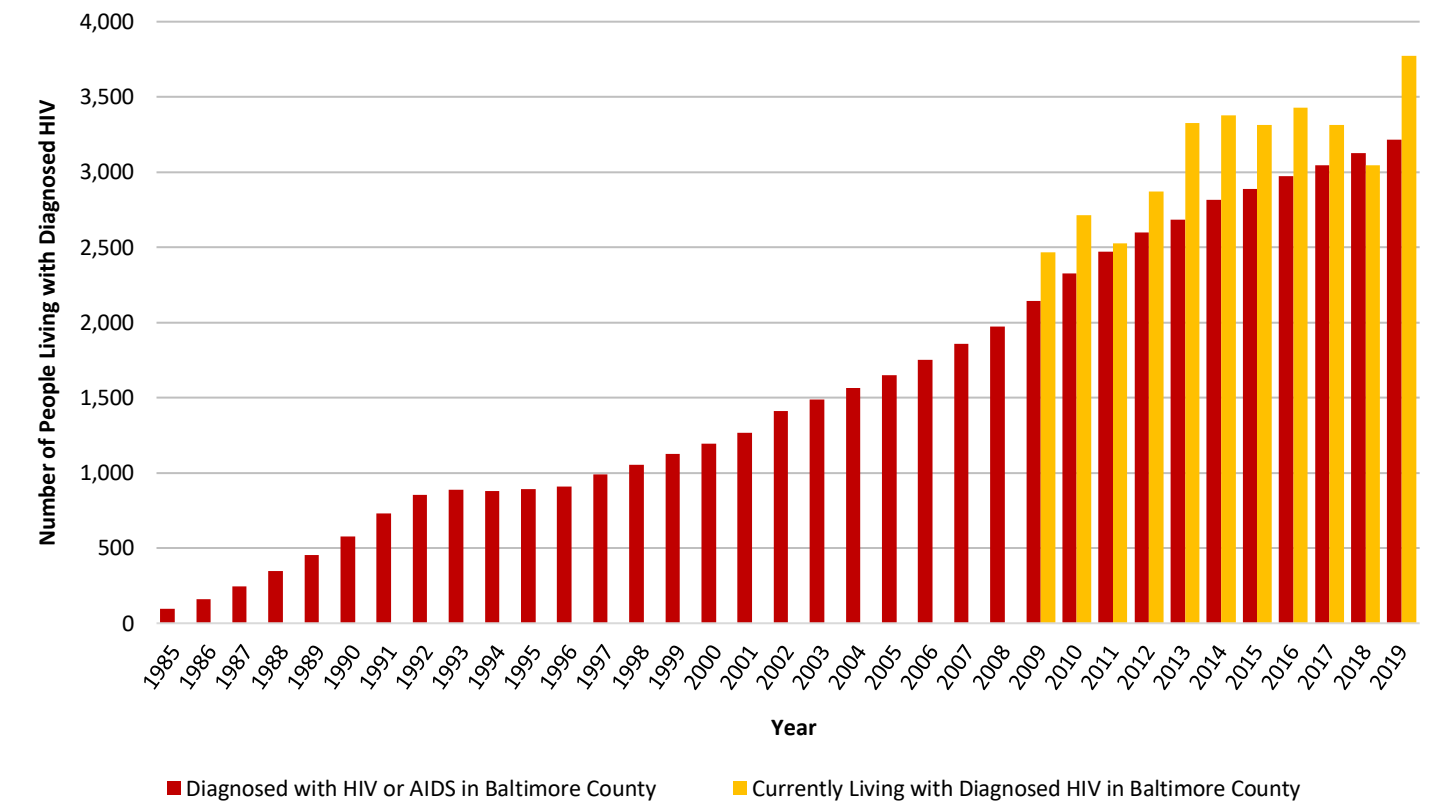


Year of Diagnosis or Death	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	Year of Diagnosis or Death	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	48	8	4	2002	228	173	48
1985	72	17	9	2003	186	119	57
1986	77	22	17	2004	172	114	57
1987	101	36	11	2005	178	104	49
1988	141	47	24	2006	207	133	68
1989	163	61	43	2007	190	83	57
1990	194	78	42	2008	181	95	45
1991	234	121	55	2009	193	108	35
1992	243	146	82	2010	209	109	42
1993	185	163	88	2011	173	92	33
1994	172	133	129	2012	160	100	37
1995	176	167	120	2013	130	94	43
1996	162	130	93	2014	170	73	36
1997	177	126	45	2015	127	72	54
1998	158	96	47	2016	137	65	41
1999	161	126	56	2017	117	65	40
2000	152	96	42	2018*	123	60	44
2001	170	117	55	2019*	117	50	28
<b>Total</b>					5,784	3,399	1,776

\*2018-2019 reported AIDS deaths are preliminary

**Figure 2 – Trends in People Living with Diagnosed HIV, Among Residents at Diagnosis, 1985-2019, Reported through June 30, 2020**

People Living with Diagnosed HIV in Baltimore County and Not Reported to have Died as of December 31st of Each Year (People who were Diagnosed with HIV or AIDS in Baltimore County and/or People who are Currently Living with Diagnosed HIV in Baltimore County) from 1985 through 2019, as Reported through June 30, 2020

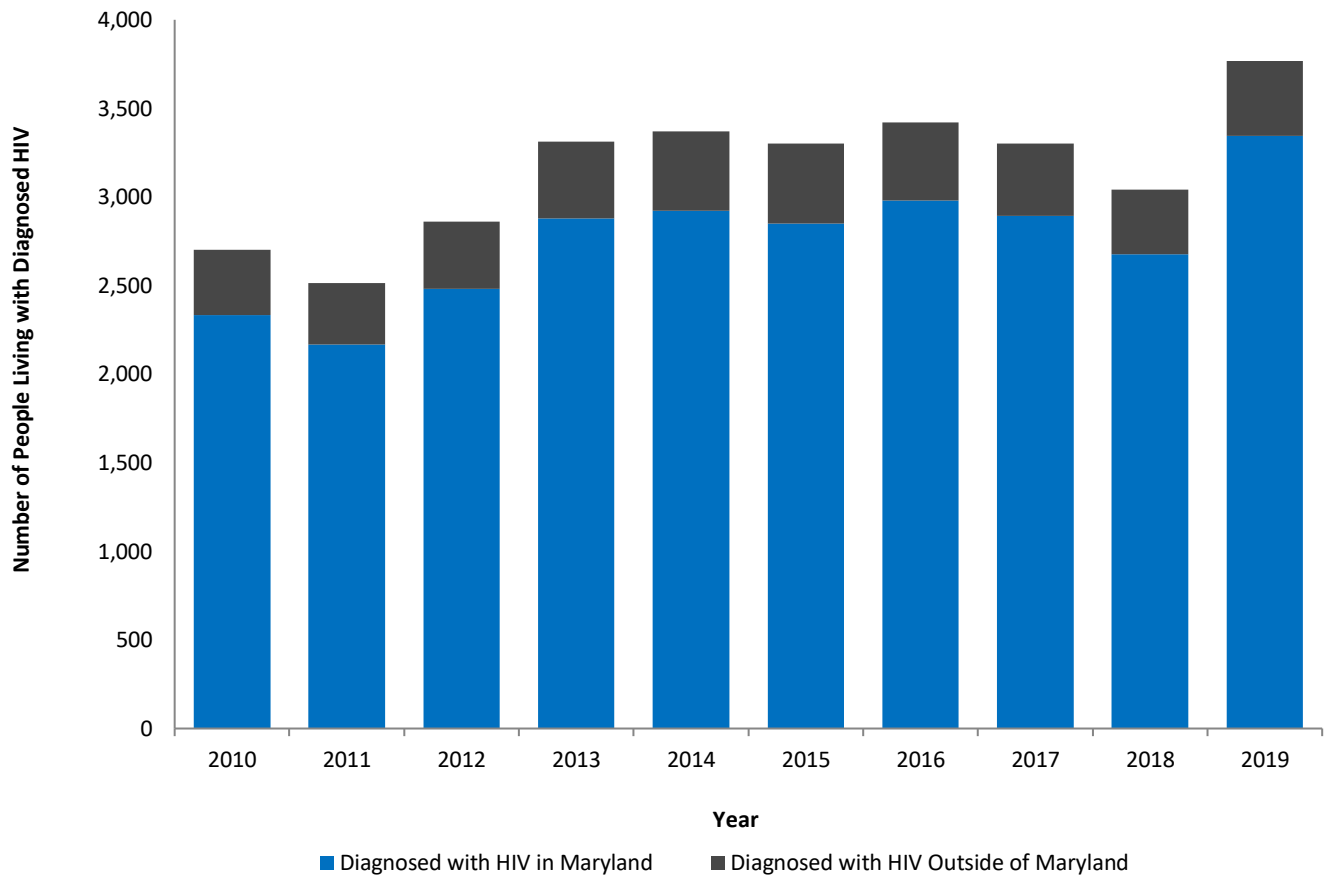


People Living with Diagnosed HIV			People Living with Diagnosed HIV		
Year	Diagnosed with HIV or AIDS in Baltimore County	Current Residents	Year	Diagnosed with HIV or AIDS in Baltimore County	Current Residents
1985	97	--	2003	1,489	--
1986	159	--	2004	1,565	--
1987	244	--	2005	1,648	--
1988	349	--	2006	1,750	--
1989	453	--	2007	1,857	--
1990	578	--	2008	1,972	--
1991	730	--	2009	2,141	2,468
1992	854	--	2010	2,327	2,715
1993	887	--	2011	2,471	2,524
1994	877	--	2012	2,597	2,870
1995	892	--	2013	2,684	3,325
1996	907	--	2014	2,816	3,379
1997	990	--	2015	2,886	3,312
1998	1,055	--	2016	2,972	3,429
1999	1,125	--	2017	3,045	3,314
2000	1,195	--	2018	3,126	3,046
2001	1,266	--	2019	3,214	3,774
2002	1,413	--			

Note. Current residence for people living with diagnosed HIV is unavailable prior to 2009.

### Figure 3 – Trends in People Aged 13+ Living with Diagnosed HIV, Among Current Residents, 2010-2019, Reported through June 30, 2020

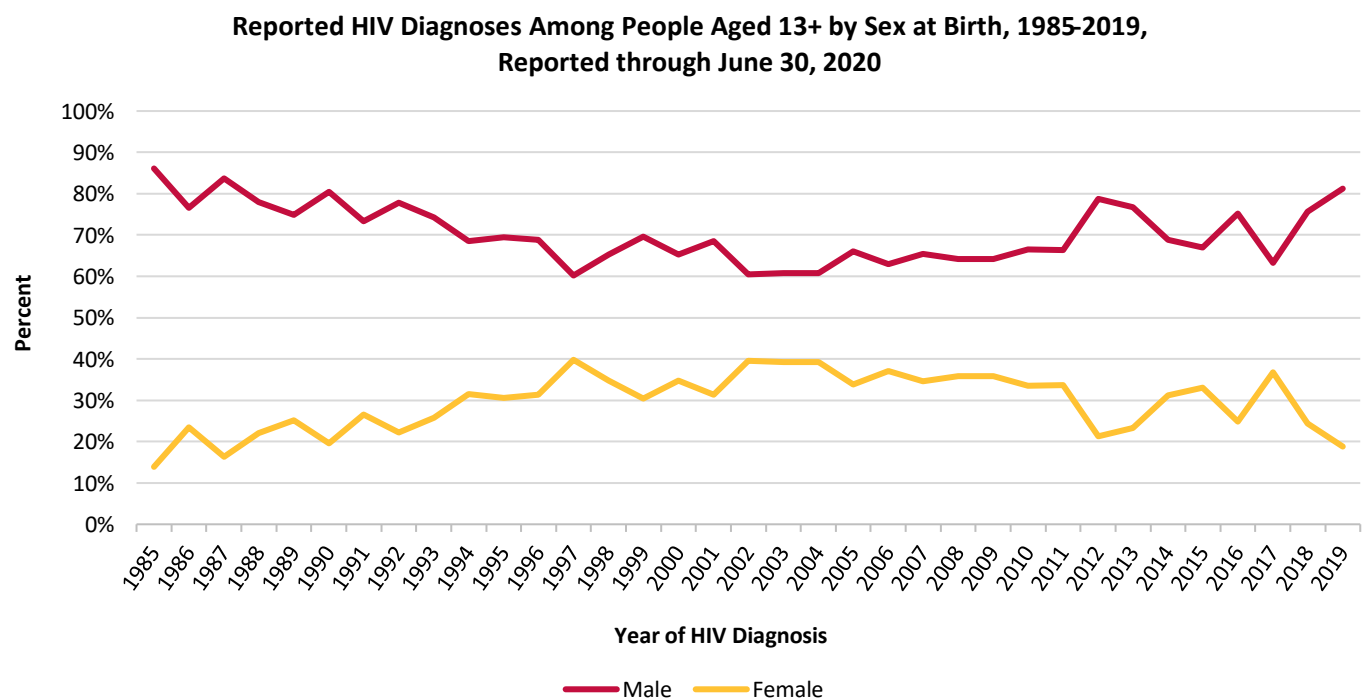
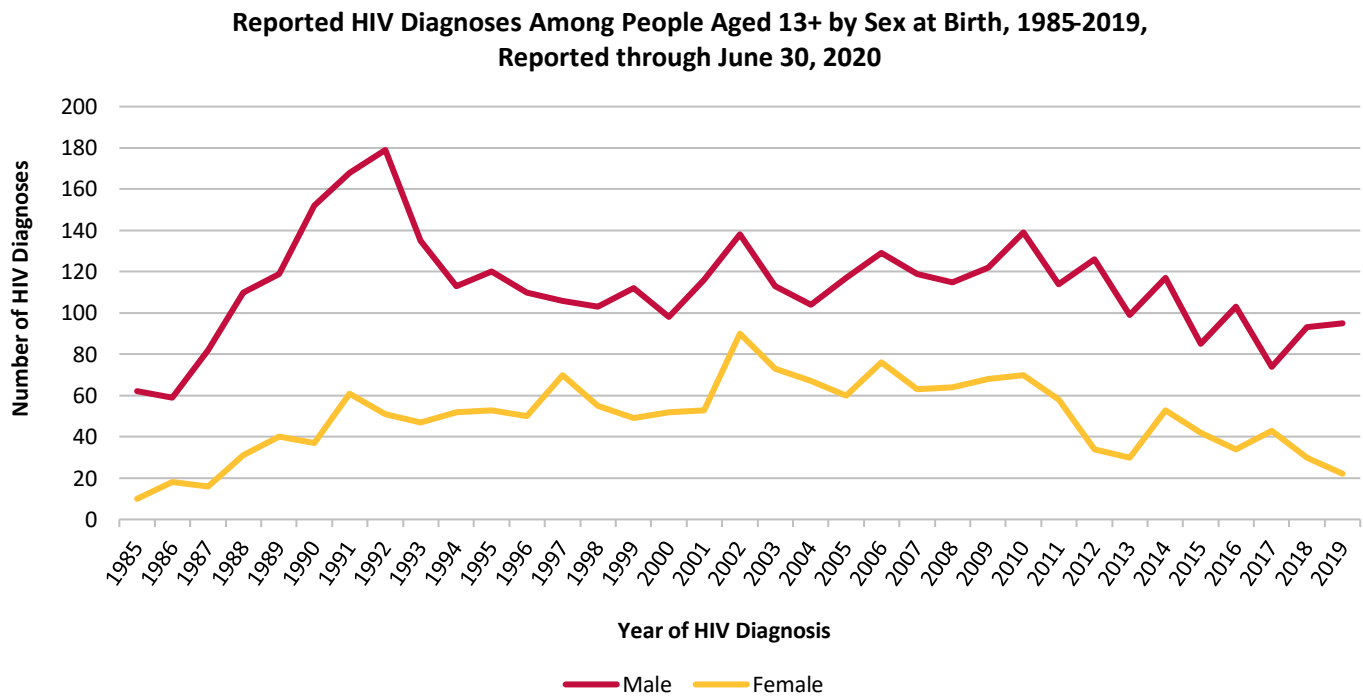
People Living with Diagnosed HIV in Baltimore County and Not Reported to have Died as of December 31<sup>st</sup> of Each Year from 2010 through 2019, as Reported through June 30, 2020



Year	Population Age 13+	Baltimore County Residents Aged 13+ as of December 31st of the Specified Year			
		Diagnosed with HIV in Maryland	Diagnosed with HIV Outside of Maryland	Total	Rate
2010	681,306	2,332	371	2,703	396.7
2011	686,492	2,166	347	2,513	366.1
2012	690,708	2,482	377	2,859	413.9
2013	694,493	2,880	432	3,312	476.9
2014	696,761	2,921	448	3,369	483.5
2015	699,081	2,851	452	3,303	472.5
2016	699,926	2,979	442	3,421	488.8
2017	699,849	2,892	410	3,302	471.8
2018	699,088	2,677	363	3,040	434.9
2019	698,716	3,344	425	3,769	539.4

**Figure 4 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, by Sex at Birth, 1985-2019, Reported through June 30, 2020**

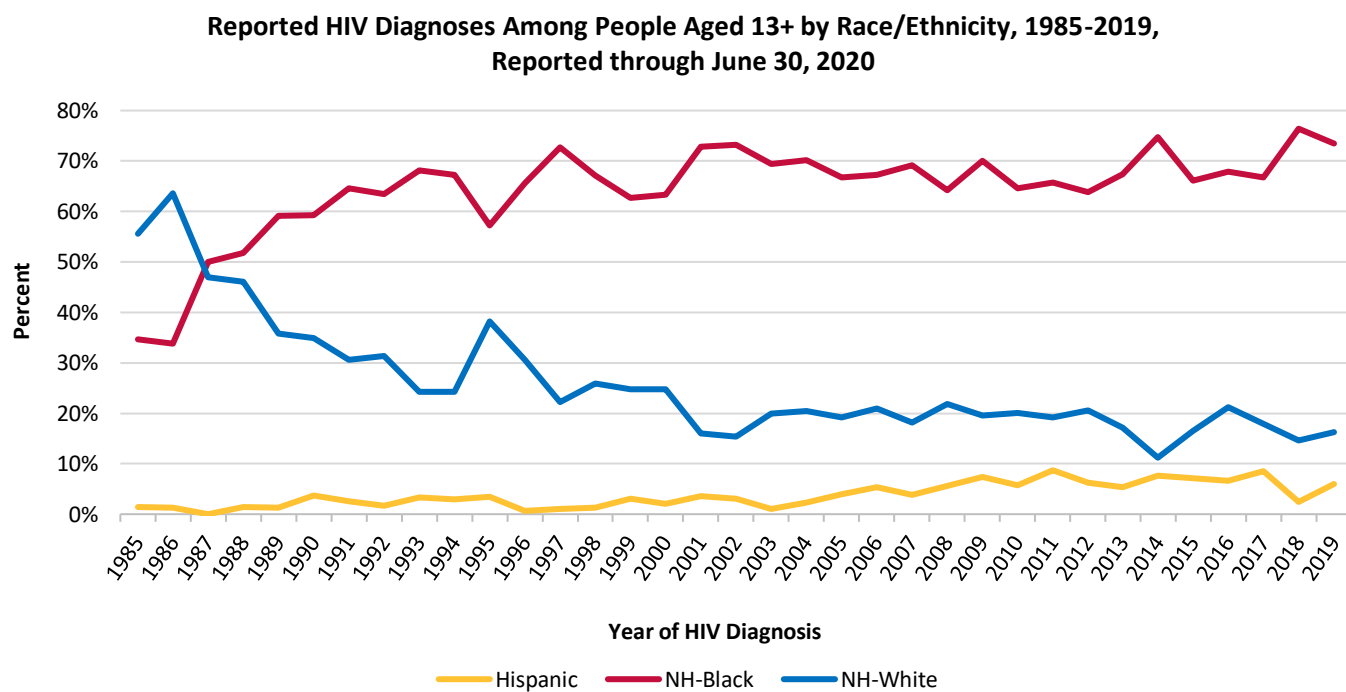
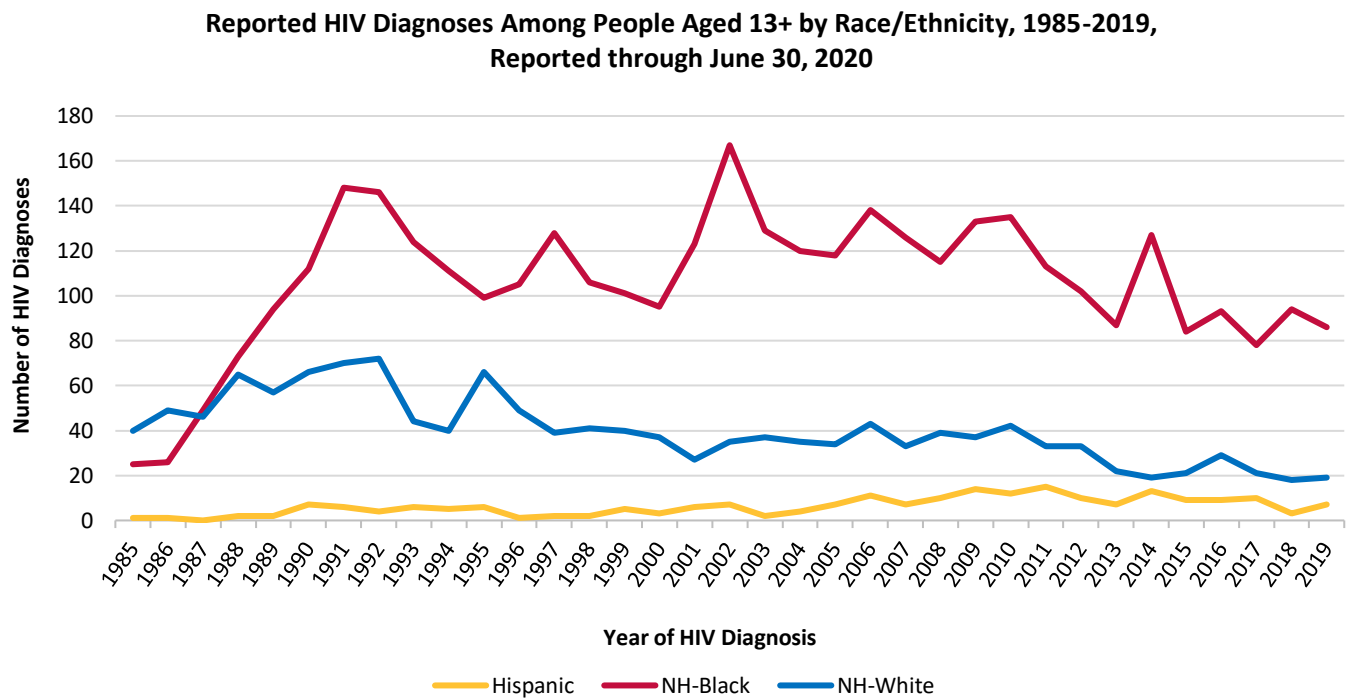
Number and Percent by Sex at Birth of People Diagnosed with HIV, Age 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2019, as Reported through June 30, 2020



Reported HIV Diagnoses Among People Aged 13+					
Year of HIV Diagnosis	Number	Sex at Birth			
		Male		Female	
		Number	Percent	Number	Percent
<1985	47	40	85.1%	7	14.9%
1985	72	62	86.1%	10	13.9%
1986	77	59	76.6%	18	23.4%
1987	98	82	83.7%	16	16.3%
1988	141	110	78.0%	31	22.0%
1989	159	119	74.8%	40	25.2%
1990	189	152	80.4%	37	19.6%
1991	229	168	73.4%	61	26.6%
1992	230	179	77.8%	51	22.2%
1993	182	135	74.2%	47	25.8%
1994	165	113	68.5%	52	31.5%
1995	173	120	69.4%	53	30.6%
1996	160	110	68.8%	50	31.3%
1997	176	106	60.2%	70	39.8%
1998	158	103	65.2%	55	34.8%
1999	161	112	69.6%	49	30.4%
2000	150	98	65.3%	52	34.7%
2001	169	116	68.6%	53	31.4%
2002	228	138	60.5%	90	39.5%
2003	186	113	60.8%	73	39.2%
2004	171	104	60.8%	67	39.2%
2005	177	117	66.1%	60	33.9%
2006	205	129	62.9%	76	37.1%
2007	182	119	65.4%	63	34.6%
2008	179	115	64.2%	64	35.8%
2009	190	122	64.2%	68	35.8%
2010	209	139	66.5%	70	33.5%
2011	172	114	66.3%	58	33.7%
2012	160	126	78.8%	34	21.3%
2013	129	99	76.7%	30	23.3%
2014	170	117	68.8%	53	31.2%
2015	127	85	66.9%	42	33.1%
2016	137	103	75.2%	34	24.8%
2017	117	74	63.2%	43	36.8%
2018	123	93	75.6%	30	24.4%
2019	117	95	81.2%	22	18.8%
Total	5,715	3,986	69.7%	1,729	30.3%

## Figure 5 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, by Race/Ethnicity, 1985-2019, Reported through June 30, 2020

Number and Percent by Race/Ethnicity of People Diagnosed with HIV, Age 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2019, as Reported through June 30, 2020

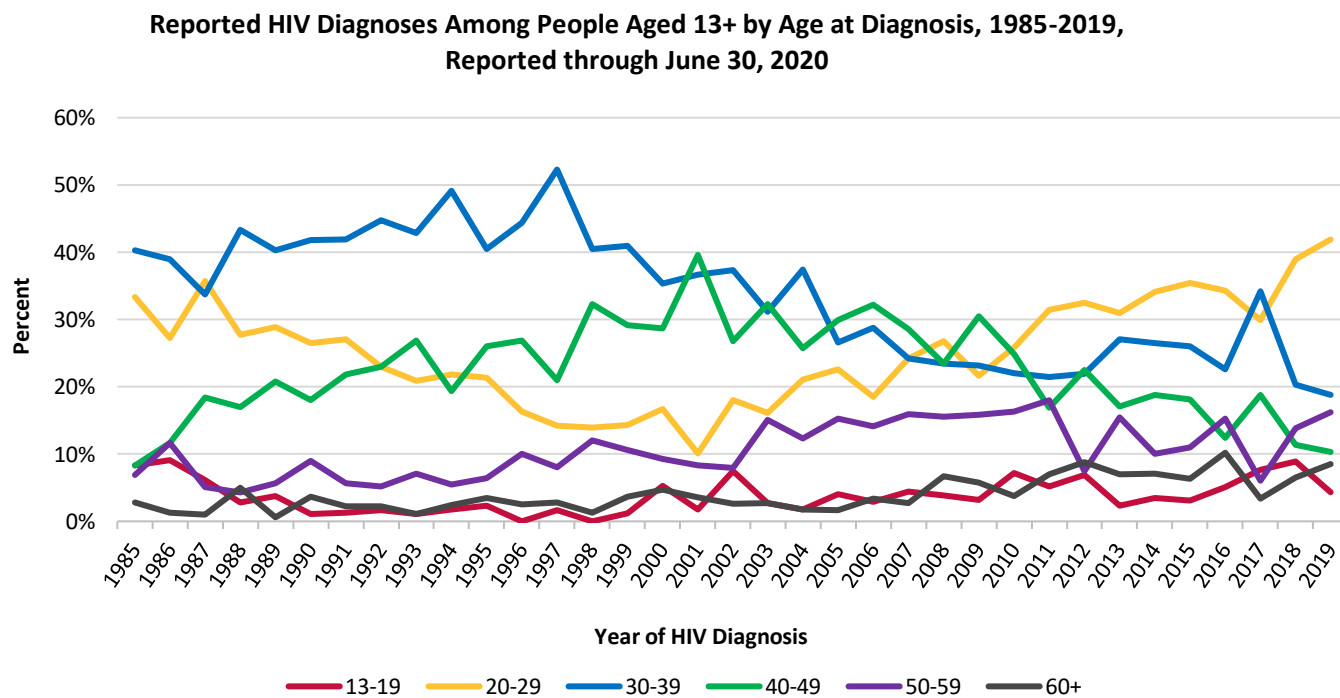
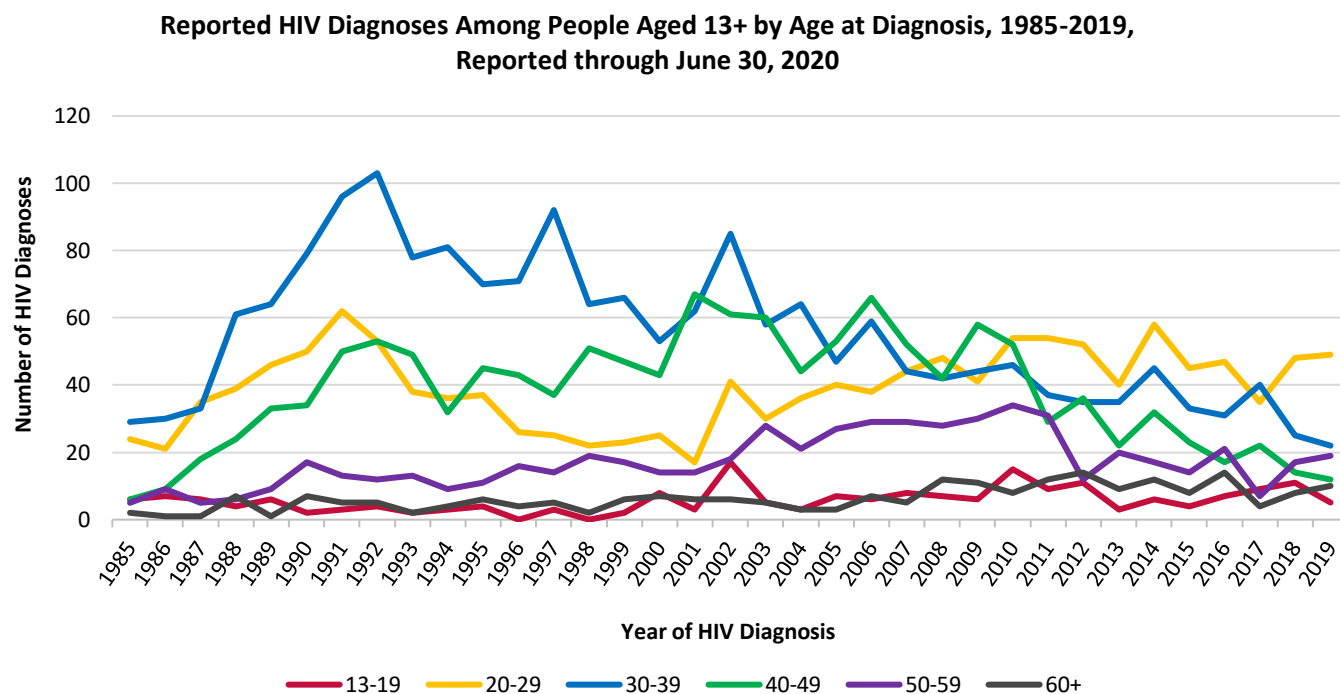


Non-Hispanic Other race not shown

Reported HIV Diagnoses Among People Aged 13+									
Year of HIV Diagnosis	No.	Race/Ethnicity							
		Hispanic		Non-Hispanic Black, only		Non-Hispanic White, only		Non-Hispanic Other Race	
		No.	%	No.	%	No.	%	No.	%
<1985	47	2	4.3%	23	48.9%	19	40.4%	3	6.4%
1985	72	1	1.4%	25	34.7%	40	55.6%	6	8.3%
1986	77	1	1.3%	26	33.8%	49	63.6%	1	1.3%
1987	98	0	0.0%	49	50.0%	46	46.9%	3	3.1%
1988	141	2	1.4%	73	51.8%	65	46.1%	1	0.7%
1989	159	2	1.3%	94	59.1%	57	35.8%	6	3.8%
1990	189	7	3.7%	112	59.3%	66	34.9%	4	2.1%
1991	229	6	2.6%	148	64.6%	70	30.6%	5	2.2%
1992	230	4	1.7%	146	63.5%	72	31.3%	8	3.5%
1993	182	6	3.3%	124	68.1%	44	24.2%	8	4.4%
1994	165	5	3.0%	111	67.3%	40	24.2%	9	5.5%
1995	173	6	3.5%	99	57.2%	66	38.2%	2	1.2%
1996	160	1	0.6%	105	65.6%	49	30.6%	5	3.1%
1997	176	2	1.1%	128	72.7%	39	22.2%	7	4.0%
1998	158	2	1.3%	106	67.1%	41	25.9%	9	5.7%
1999	161	5	3.1%	101	62.7%	40	24.8%	15	9.3%
2000	150	3	2.0%	95	63.3%	37	24.7%	15	10.0%
2001	169	6	3.6%	123	72.8%	27	16.0%	13	7.7%
2002	228	7	3.1%	167	73.2%	35	15.4%	19	8.3%
2003	186	2	1.1%	129	69.4%	37	19.9%	18	9.7%
2004	171	4	2.3%	120	70.2%	35	20.5%	12	7.0%
2005	177	7	4.0%	118	66.7%	34	19.2%	18	10.2%
2006	205	11	5.4%	138	67.3%	43	21.0%	13	6.3%
2007	182	7	3.8%	126	69.2%	33	18.1%	16	8.8%
2008	179	10	5.6%	115	64.2%	39	21.8%	15	8.4%
2009	190	14	7.4%	133	70.0%	37	19.5%	6	3.2%
2010	209	12	5.7%	135	64.6%	42	20.1%	20	9.6%
2011	172	15	8.7%	113	65.7%	33	19.2%	11	6.4%
2012	160	10	6.3%	102	63.8%	33	20.6%	15	9.4%
2013	129	7	5.4%	87	67.4%	22	17.1%	13	10.1%
2014	170	13	7.6%	127	74.7%	19	11.2%	11	6.5%
2015	127	9	7.1%	84	66.1%	21	16.5%	13	10.2%
2016	137	9	6.6%	93	67.9%	29	21.2%	6	4.4%
2017	117	10	8.5%	78	66.7%	21	17.9%	8	6.8%
2018	123	3	2.4%	94	76.4%	18	14.6%	8	6.5%
2019	117	7	6.0%	86	73.5%	19	16.2%	5	4.3%
Total	5,715	218	3.8%	3,733	65.3%	1,417	24.8%	347	6.1%

**Figure 6 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, 1985-2019, Reported through June 30, 2020**

Number and Percent by Age at HIV Diagnosis of People Diagnosed with HIV, Age 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2019, as Reported through June 30, 2020

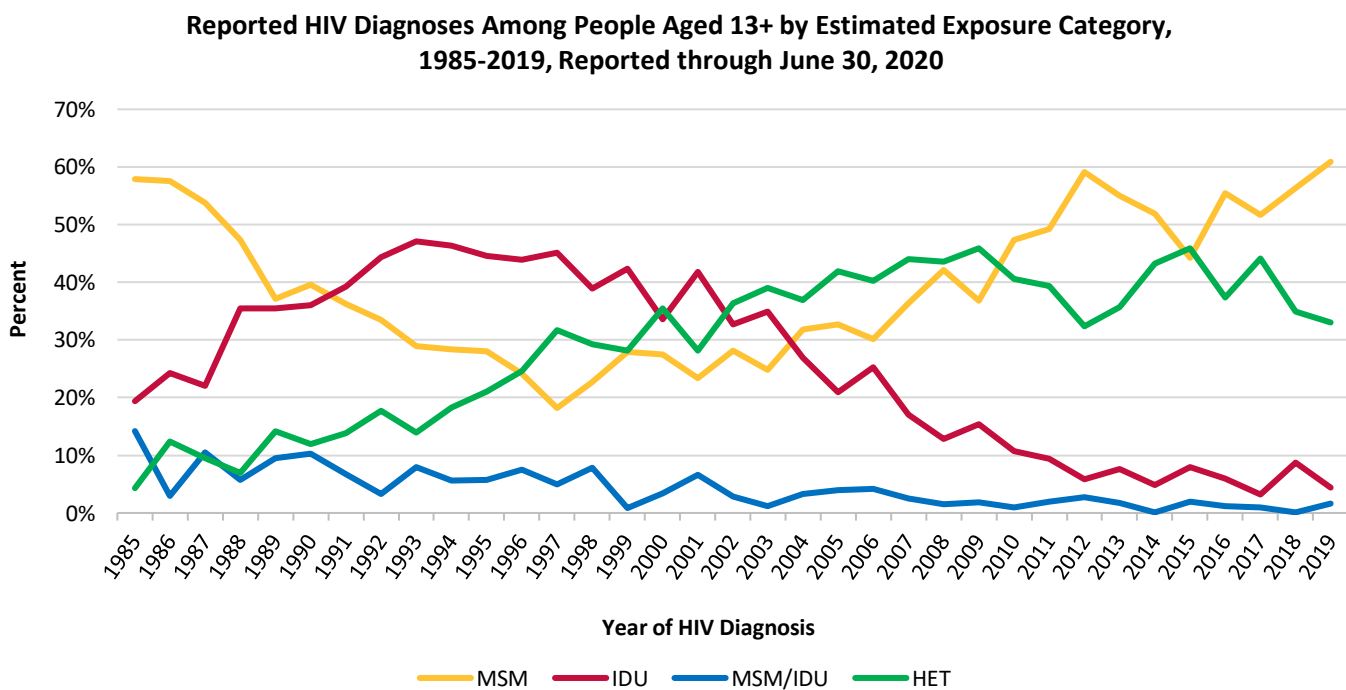
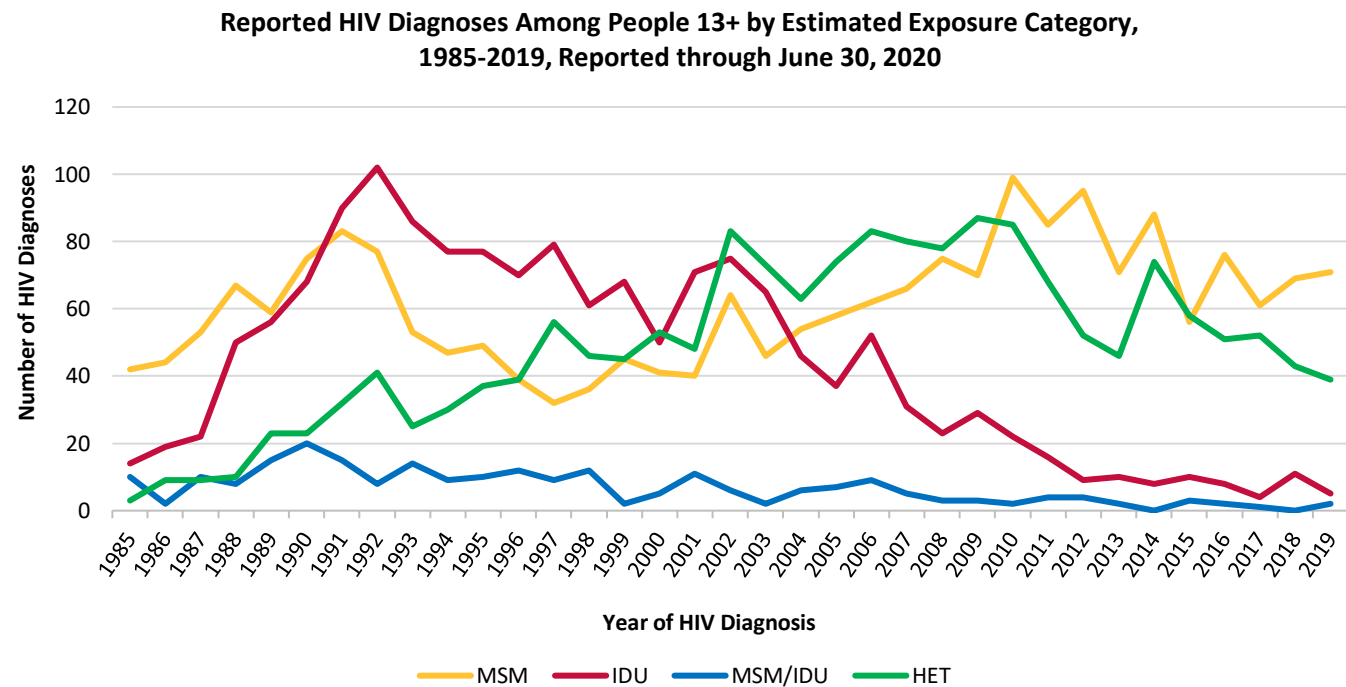




Reported HIV Diagnoses Among People Aged 13+													
Year of HIV Diagnosis	No.	Age at HIV Diagnosis											
		13-19		20-29		30-39		40-49		50-59		60+	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<1985	47	6	12.8%	19	40.4%	9	19.1%	10	21.3%	3	6.4%	0	0.0%
1985	72	6	8.3%	24	33.3%	29	40.3%	6	8.3%	5	6.9%	2	2.8%
1986	77	7	9.1%	21	27.3%	30	39.0%	9	11.7%	9	11.7%	1	1.3%
1987	98	6	6.1%	35	35.7%	33	33.7%	18	18.4%	5	5.1%	1	1.0%
1988	141	4	2.8%	39	27.7%	61	43.3%	24	17.0%	6	4.3%	7	5.0%
1989	159	6	3.8%	46	28.9%	64	40.3%	33	20.8%	9	5.7%	1	0.6%
1990	189	2	1.1%	50	26.5%	79	41.8%	34	18.0%	17	9.0%	7	3.7%
1991	229	3	1.3%	62	27.1%	96	41.9%	50	21.8%	13	5.7%	5	2.2%
1992	230	4	1.7%	53	23.0%	103	44.8%	53	23.0%	12	5.2%	5	2.2%
1993	182	2	1.1%	38	20.9%	78	42.9%	49	26.9%	13	7.1%	2	1.1%
1994	165	3	1.8%	36	21.8%	81	49.1%	32	19.4%	9	5.5%	4	2.4%
1995	173	4	2.3%	37	21.4%	70	40.5%	45	26.0%	11	6.4%	6	3.5%
1996	160	0	0.0%	26	16.3%	71	44.4%	43	26.9%	16	10.0%	4	2.5%
1997	176	3	1.7%	25	14.2%	92	52.3%	37	21.0%	14	8.0%	5	2.8%
1998	158	0	0.0%	22	13.9%	64	40.5%	51	32.3%	19	12.0%	2	1.3%
1999	161	2	1.2%	23	14.3%	66	41.0%	47	29.2%	17	10.6%	6	3.7%
2000	150	8	5.3%	25	16.7%	53	35.3%	43	28.7%	14	9.3%	7	4.7%
2001	169	3	1.8%	17	10.1%	62	36.7%	67	39.6%	14	8.3%	6	3.6%
2002	228	17	7.5%	41	18.0%	85	37.3%	61	26.8%	18	7.9%	6	2.6%
2003	186	5	2.7%	30	16.1%	58	31.2%	60	32.3%	28	15.1%	5	2.7%
2004	171	3	1.8%	36	21.1%	64	37.4%	44	25.7%	21	12.3%	3	1.8%
2005	177	7	4.0%	40	22.6%	47	26.6%	53	29.9%	27	15.3%	3	1.7%
2006	205	6	2.9%	38	18.5%	59	28.8%	66	32.2%	29	14.1%	7	3.4%
2007	182	8	4.4%	44	24.2%	44	24.2%	52	28.6%	29	15.9%	5	2.7%
2008	179	7	3.9%	48	26.8%	42	23.5%	42	23.5%	28	15.6%	12	6.7%
2009	190	6	3.2%	41	21.6%	44	23.2%	58	30.5%	30	15.8%	11	5.8%
2010	209	15	7.2%	54	25.8%	46	22.0%	52	24.9%	34	16.3%	8	3.8%
2011	172	9	5.2%	54	31.4%	37	21.5%	29	16.9%	31	18.0%	12	7.0%
2012	160	11	6.9%	52	32.5%	35	21.9%	36	22.5%	12	7.5%	14	8.8%
2013	129	3	2.3%	40	31.0%	35	27.1%	22	17.1%	20	15.5%	9	7.0%
2014	170	6	3.5%	58	34.1%	45	26.5%	32	18.8%	17	10.0%	12	7.1%
2015	127	4	3.1%	45	35.4%	33	26.0%	23	18.1%	14	11.0%	8	6.3%
2016	137	7	5.1%	47	34.3%	31	22.6%	17	12.4%	21	15.3%	14	10.2%
2017	117	9	7.7%	35	29.9%	40	34.2%	22	18.8%	7	6.0%	4	3.4%
2018	123	11	8.9%	48	39.0%	25	20.3%	14	11.4%	17	13.8%	8	6.5%
2019	117	5	4.3%	49	41.9%	22	18.8%	12	10.3%	19	16.2%	10	8.5%
Total	5,715	208	3.6%	1,398	24.5%	1,933	33.8%	1,346	23.6%	608	10.6%	222	3.9%

## Figure 7 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, by Estimated Exposure Category, 1985-2019, Reported through June 30, 2020

Number and Percent by Estimated Exposure Category<sup>§</sup> of People Diagnosed with HIV, Age 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2019, as Reported through June 30, 2020



Other exposure category not shown

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

Year of HIV Diagnosis	Reported HIV Diagnoses Among People Aged 13+											
	No.	% with No Reported Exposure <sup>*</sup>	Estimated Exposure Category <sup>§</sup>									
			MSM		IDU		MSM/IDU		HET		Other Exposure	
			No.	%	No.	%	No.	%	No.	%	No.	%
<1985	47	0.0%	25	53.2%	10	21.3%	5	10.6%	3	6.4%	4	8.5%
1985	72	4.2%	42	57.9%	14	19.4%	10	14.2%	3	4.3%	3	4.2%
1986	77	10.4%	44	57.6%	19	24.3%	2	3.0%	9	12.4%	2	2.6%
1987	98	2.0%	53	53.8%	22	22.1%	10	10.5%	9	9.5%	4	4.1%
1988	141	5.0%	67	47.4%	50	35.5%	8	5.7%	10	7.0%	6	4.3%
1989	159	3.1%	59	37.1%	56	35.5%	15	9.5%	23	14.2%	6	3.8%
1990	189	4.8%	75	39.6%	68	36.0%	20	10.3%	23	12.0%	4	2.1%
1991	229	4.8%	83	36.3%	90	39.3%	15	6.7%	32	13.8%	9	3.9%
1992	230	4.3%	77	33.5%	102	44.3%	8	3.3%	41	17.7%	3	1.3%
1993	182	4.4%	53	28.9%	86	47.1%	14	7.9%	25	13.9%	4	2.2%
1994	165	4.2%	47	28.4%	77	46.4%	9	5.6%	30	18.3%	2	1.2%
1995	173	7.5%	49	28.0%	77	44.6%	10	5.7%	37	21.1%	1	0.6%
1996	160	6.3%	39	24.1%	70	43.9%	12	7.5%	39	24.6%	0	0.0%
1997	176	4.5%	32	18.2%	79	45.1%	9	4.9%	56	31.7%	0	0.0%
1998	158	5.1%	36	22.7%	61	38.9%	12	7.8%	46	29.3%	2	1.3%
1999	161	9.3%	45	27.9%	68	42.4%	2	0.9%	45	28.2%	1	0.6%
2000	150	9.3%	41	27.5%	50	33.6%	5	3.4%	53	35.5%	0	0.0%
2001	169	10.7%	40	23.4%	71	41.8%	11	6.6%	48	28.1%	0	0.0%
2002	228	14.5%	64	28.1%	75	32.7%	6	2.8%	83	36.4%	0	0.0%
2003	186	8.1%	46	24.8%	65	34.9%	2	1.2%	73	39.0%	0	0.0%
2004	171	9.4%	54	31.8%	46	26.9%	6	3.3%	63	36.9%	2	1.2%
2005	177	12.4%	58	32.7%	37	20.9%	7	4.0%	74	41.9%	1	0.6%
2006	205	11.7%	62	30.1%	52	25.3%	9	4.2%	83	40.3%	0	0.0%
2007	182	17.0%	66	36.4%	31	17.1%	5	2.5%	80	44.0%	0	0.0%
2008	179	36.9%	75	42.1%	23	12.8%	3	1.5%	78	43.6%	0	0.0%
2009	190	22.1%	70	36.8%	29	15.4%	3	1.8%	87	45.9%	0	0.0%
2010	209	33.0%	99	47.3%	22	10.7%	2	1.0%	85	40.6%	1	0.5%
2011	172	32.0%	85	49.2%	16	9.4%	4	2.0%	68	39.4%	0	0.0%
2012	160	16.9%	95	59.1%	9	5.8%	4	2.7%	52	32.4%	0	0.0%
2013	129	10.9%	71	55.0%	10	7.6%	2	1.7%	46	35.7%	0	0.0%
2014	170	7.6%	88	51.9%	8	4.8%	0	0.1%	74	43.3%	0	0.0%
2015	127	7.1%	56	44.2%	10	8.0%	3	2.0%	58	45.9%	0	0.0%
2016	137	13.9%	76	55.5%	8	6.0%	2	1.2%	51	37.4%	0	0.0%
2017	117	8.5%	61	51.7%	4	3.2%	1	1.0%	52	44.1%	0	0.0%
2018	123	17.9%	69	56.3%	11	8.7%	0	0.1%	43	34.9%	0	0.0%
2019	117	29.1%	71	60.9%	5	4.4%	2	1.6%	39	33.0%	0	0.0%
Total	5,715	11.8%	2,173	38.0%	1,531	26.8%	238	4.2%	1,721	30.1%	55	1.0%

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

\*Percent with no reported exposure prior to multiple imputation adjustment.

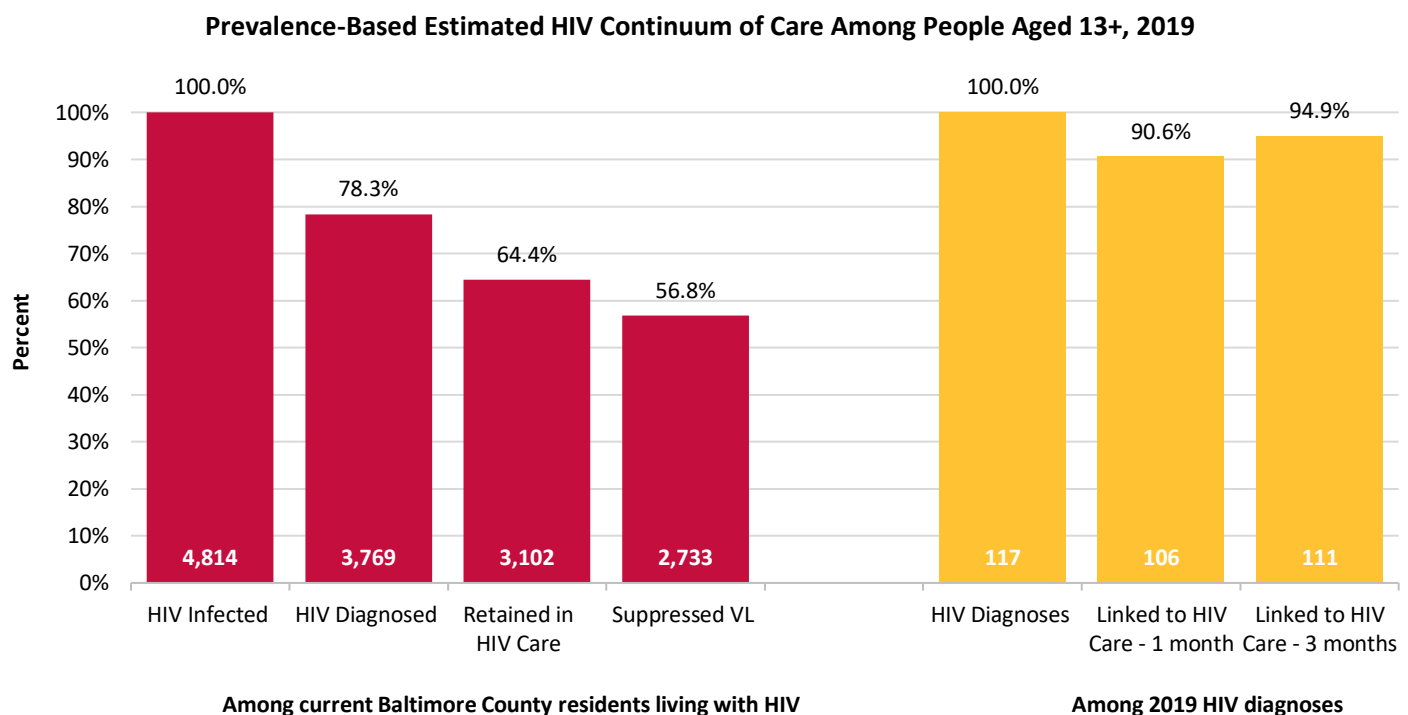
Note. Discrepancies in the table between total HIV diagnoses and the sums by exposure category are due to less than 1 percent of people missing transmission category after multiple imputation.

## Section III – Continuum of Care Cascades

In their 2011 article in *Clinical Infectious Diseases*, Gardner et al.<sup>1</sup> 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 8 – Prevalence-Based Estimated 2019 HIV Continuum of Care Cascades, Among Current Baltimore County Residents Aged 13+, Reported through June 30, 2020**

The prevalence-based Baltimore County 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, 2020, to estimate the number of people living with undiagnosed HIV (21.7 percent) and the estimated number of people living with HIV currently residing in Baltimore County. Maryland surveillance data is then used to describe the number and percentage of persons living with HIV in Baltimore County on December 31, 2019 and the number and percentage of new HIV diagnoses in 2019 who belong to each of the stages of engagement in HIV care.

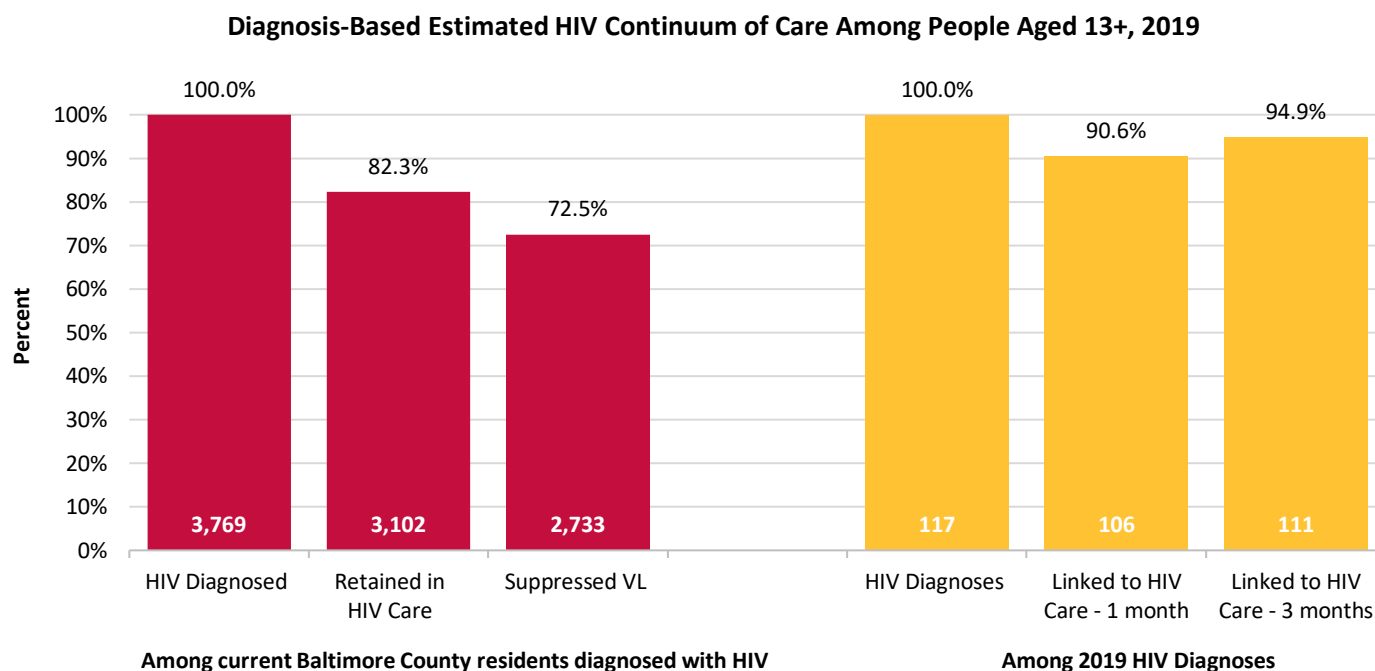


Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2019 HIV Diagnoses	
	Number	Percent		Number	Percent
HIV Infected	4,814	100.0%	New HIV Diagnoses	117	100.0%
HIV Diagnosed	3,769	78.3%	Linked to HIV Care – 1 Month	106	90.6%
Retained in HIV Care	3,102	64.4%	Linked to HIV Care – 3 Months	111	94.9%
Suppressed VL	2,733	56.8%			

<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 2019 HIV Continuum of Care Cascades, Among Current Baltimore County Residents Aged 13+, Reported through June 30, 2020

The diagnosis-based Baltimore County Engagement in HIV Care Cascade (below) uses Maryland surveillance data for current Baltimore County residents to describe the number and percentage of persons living with diagnosed HIV in Baltimore County on December 31, 2019 and the number and percentage of new HIV diagnoses in 2019 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 2019 HIV Diagnoses	
	Number	Percent		Number	Percent
HIV Diagnosed	3,769	100.0%	New HIV Diagnoses	117	100.0%
Retained in HIV Care	3,102	82.3%	Linked to HIV Care – 1 Month	106	90.6%
Suppressed VL	2,733	72.5%	Linked to HIV Care – 3 Months	111	94.9%

## Section IV – By ZIP Code

**Table 1 – Reported HIV Diagnoses and Reported AIDS Diagnoses, Among People Aged 13+ During 2019, by ZIP Code of Residence at Diagnosis, Reported through June 30, 2020**

ZIP Code of Residence at Diagnosis	Population Age 13+	Reported HIV Diagnoses Among People Aged 13+			Reported AIDS Diagnoses Among People Aged 13+		
		No.	% of Total	Rate	No.	% of Total	Rate
21013	2,814	0	0.0%	0.0	0	0.0%	0.0
21030	21,320	3	2.6%	14.1	0	0.0%	0.0
21031	3	0	0.0%	0.0	0	0.0%	0.0
21043	791	0	0.0%	0.0	0	0.0%	0.0
21051	250	0	0.0%	0.0	0	0.0%	0.0
21052	278	0	0.0%	0.0	0	0.0%	0.0
21053	2,842	0	0.0%	0.0	0	0.0%	0.0
21057	3,702	0	0.0%	0.0	0	0.0%	0.0
21071	448	0	0.0%	0.0	0	0.0%	0.0
21074	1,221	0	0.0%	0.0	0	0.0%	0.0
21082	548	0	0.0%	0.0	0	0.0%	0.0
21085	23	0	0.0%	0.0	0	0.0%	0.0
21087	4,190	0	0.0%	0.0	0	0.0%	0.0
21093	32,269	3	2.6%	9.3	2	4.1%	6.2
21102	864	0	0.0%	0.0	0	0.0%	0.0
21104	140	0	0.0%	0.0	0	0.0%	0.0
21105	60	0	0.0%	0.0	0	0.0%	0.0
21111	3,373	0	0.0%	0.0	0	0.0%	0.0
21117	46,067	10	8.5%	21.7	3	6.1%	6.5
21120	6,015	0	0.0%	0.0	0	0.0%	0.0
21128	10,803	1	0.9%	9.3	0	0.0%	0.0
21131	6,188	1	0.9%	16.2	0	0.0%	0.0
21133	25,609	15	12.8%	58.6	6	12.2%	23.4
21136	27,857	2	1.7%	7.2	2	4.1%	7.2
21152	4,760	0	0.0%	0.0	0	0.0%	0.0
21153	269	0	0.0%	0.0	0	0.0%	0.0
21155	1,836	0	0.0%	0.0	0	0.0%	0.0
21156	328	0	0.0%	0.0	0	0.0%	0.0
21161	2,371	0	0.0%	0.0	0	0.0%	0.0
21162	3,136	0	0.0%	0.0	0	0.0%	0.0
21163	2,356	0	0.0%	0.0	0	0.0%	0.0
21204	18,762	1	0.9%	5.3	0	0.0%	0.0
21206	8,930	1	0.9%	11.2	5	10.2%	56.0
21207	29,219	8	6.8%	27.4	2	4.1%	6.8
21208	28,510	7	6.0%	24.6	1	2.0%	3.5
21209	11,946	2	1.7%	16.7	1	2.0%	8.4
21210	866	0	0.0%	0.0	0	0.0%	0.0
21212	8,876	0	0.0%	0.0	1	2.0%	11.3
21215	1,505	1	0.9%	66.5	0	0.0%	0.0
21219	8,293	0	0.0%	0.0	0	0.0%	0.0
21220	33,443	9	7.7%	26.9	4	8.2%	12.0
21221	36,055	8	6.8%	22.2	4	8.2%	11.1
21222	46,411	9	7.7%	19.4	2	4.1%	4.3
21224	7,408	0	0.0%	0.0	1	2.0%	13.5

21227	27,762	1	0.9%	3.6	0	0.0%	0.0
21228	41,692	4	3.4%	9.6	1	2.0%	2.4
21229	6,053	1	0.9%	16.5	1	2.0%	16.5
21234	54,162	6	5.1%	11.1	3	6.1%	5.5
21236	33,275	3	2.6%	9.0	1	2.0%	3.0
21237	25,840	5	4.3%	19.3	2	4.1%	7.7
21239	4,416	2	1.7%	45.3	1	2.0%	22.6
21244	28,891	11	9.4%	38.1	4	8.2%	13.8
21250	3,292	0	0.0%	0.0	0	0.0%	0.0
21252	2,950	0	0.0%	0.0	0	0.0%	0.0
21286	17,430	2	1.7%	11.5	1	2.0%	5.7
Unknown	--	1	0.9%	--	1	2.0%	--
<b>Total</b>	<b>698,716</b>	<b>117</b>	<b>100.0%</b>	<b>16.7</b>	<b>49</b>	<b>100.0%</b>	<b>7.0</b>

**Table 2 – Reported HIV Diagnoses, Among People Aged 13+ During 2019, Linked to Care, Late Diagnosis, First CD4 Test Result, and Mean Years from HIV Diagnosis by ZIP Code of Residence at Diagnosis, Reported through June 30, 2020**

ZIP Code of Residence at HIV Diagnosis	Reported HIV Diagnoses Among People Aged 13+					
	No.	Linked to Care		% Late HIV Diagnoses	First CD4 Test Result	
		% 1 month	% 3 months		% with Test	Median Count
21117	10	80.0%	90.0%	***	90.0%	309
21133	15	100.0%	100.0%	***	100.0%	430
21207	8	100.0%	100.0%	***	87.5%	520
21208	7	85.7%	100.0%	0.0%	100.0%	717
21220	9	100.0%	100.0%	***	100.0%	240
21221	8	100.0%	100.0%	***	100.0%	369
21222	9	88.9%	88.9%	0.0%	77.8%	529
21234	6	100.0%	100.0%	***	100.0%	289
21237	5	100.0%	100.0%	0.0%	100.0%	638
21244	11	81.8%	81.8%	0.0%	81.8%	379
<b>Jurisdiction Total</b>	<b>117</b>	<b>90.6%</b>	<b>94.9%</b>	<b>18.8%</b>	<b>93.2%</b>	<b>423</b>

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, 2019, by ZIP Code of Residence at Diagnosis and Current Residence, Reported through June 30, 2020**

ZIP Code of Residence	Population Age 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)	
21013	2,814	1	0.0%	35.5	2,814	3	0.1%	106.6	938	200.0%
21030	21,320	75	2.3%	351.8	284	98	2.6%	459.7	218	30.7%
21031	3	0	0.0%	0.0	--	***	***	***	***	***
21043	791	***	***	***	***	***	***	***	***	***
21051	250	***	***	***	***	***	***	***	***	***
21052	278	0	0.0%	0.0	--	0	0.0%	0.0	--	
21053	2,842	4	0.1%	140.7	711	4	0.1%	140.7	711	0.0%
21057	3,702	2	0.1%	54.0	1,851	0	0.0%	0.0	--	-100.0%
21071	448	***	***	***	***	***	***	***	***	***
21074	1,221	0	0.0%	0.0	--	0	0.0%	0.0	--	
21082	548	***	***	***	***	0	0.0%	0.0	--	***
21085	23	0	0.0%	0.0	--	0	0.0%	0.0	--	
21087	4,190	3	0.1%	71.6	1,397	5	0.1%	119.3	838	66.7%
21093	32,269	49	1.5%	151.8	659	45	1.2%	139.5	717	-8.2%
21102	864	0	0.0%	0.0	--	0	0.0%	0.0	--	
21104	140	0	0.0%	0.0	--	***	***	***	***	***
21105	60	0	0.0%	0.0	--	0	0.0%	0.0	--	
21111	3,373	3	0.1%	88.9	1,124	5	0.1%	148.2	675	66.7%
21117	46,067	221	6.9%	479.7	208	285	7.6%	618.7	162	29.0%
21120	6,015	7	0.2%	116.4	859	6	0.2%	99.8	1,002	-14.3%
21128	10,803	15	0.5%	138.8	720	22	0.6%	203.6	491	46.7%
21131	6,188	6	0.2%	97.0	1,031	4	0.1%	64.6	1,547	-33.3%
21133	25,609	268	8.3%	1,046.5	96	294	7.8%	1,148.0	87	9.7%
21136	27,857	99	3.1%	355.4	281	108	2.9%	387.7	258	9.1%
21152	4,760	6	0.2%	126.1	793	8	0.2%	168.1	595	33.3%
21153	269	***	***	***	***	***	***	***	***	***
21155	1,836	0	0.0%	0.0	--	0	0.0%	0.0	--	
21156	328	0	0.0%	0.0	--	0	0.0%	0.0	--	
21161	2,371	2	0.1%	84.4	1,185	2	0.1%	84.4	1,185	0.0%
21162	3,136	5	0.2%	159.4	627	7	0.2%	223.2	448	40.0%
21163	2,356	10	0.3%	424.4	236	0	0.0%	0.0	--	-100.0%
21204	18,762	48	1.5%	255.8	391	71	1.9%	378.4	264	47.9%
21206	8,930	46	1.4%	515.1	194	84	2.2%	940.7	106	82.6%
21207	29,219	290	9.0%	992.5	101	375	9.9%	1,283.4	78	29.3%
21208	28,510	149	4.6%	522.6	191	169	4.5%	592.8	169	13.4%
21209	11,946	36	1.1%	301.3	332	53	1.4%	443.6	225	47.2%
21210	866	***	***	***	***	***	***	***	***	***
21212	8,876	14	0.4%	157.7	634	18	0.5%	202.8	493	28.6%
21215	1,505	22	0.7%	1,462.1	68	51	1.4%	3,389.3	30	131.8%
21219	8,293	22	0.7%	265.3	377	13	0.3%	156.8	638	-40.9%
21220	33,443	127	4.0%	379.8	263	170	4.5%	508.3	197	33.9%
21221	36,055	214	6.7%	593.5	168	213	5.7%	590.8	169	-0.5%
21222	46,411	209	6.5%	450.3	222	266	7.1%	573.1	174	27.3%
21224	7,408	26	0.8%	351.0	285	37	1.0%	499.5	200	42.3%
21227	27,762	123	3.8%	443.1	226	118	3.1%	425.0	235	-4.1%

21228	41,692	127	4.0%	304.6	328	179	4.7%	429.3	233	40.9%
21229	6,053	54	1.7%	892.1	112	69	1.8%	1,140.0	88	27.8%
21234	54,162	247	7.7%	456.0	219	272	7.2%	502.2	199	10.1%
21236	33,275	86	2.7%	258.5	387	100	2.7%	300.5	333	16.3%
21237	25,840	136	4.2%	526.3	190	175	4.6%	677.2	148	28.7%
21239	4,416	28	0.9%	634.1	158	26	0.7%	588.8	170	-7.1%
21244	28,891	327	10.2%	1,131.8	88	326	8.6%	1,128.4	89	-0.3%
21250	3,292	0	0.0%	0.0	--	0	0.0%	0.0	--	
21252	2,950	1	0.0%	33.9	2,950	0	0.0%	0.0	--	-100.0%
21286	17,430	58	1.8%	332.8	301	64	1.7%	367.2	272	10.3%
Unknown	--	33	1.0%	--	--	11	0.3%	--	--	--
<b>TOTAL</b>	698,716	3,210	100.0%	459.4	218	3,769	100.0%	539.4	185	17.4%

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

**Table 4 – CD4 Test Results During 2019 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by ZIP Code of Current Residence, Reported through June 30, 2020**

ZIP Code of Current Residence	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+
21013	3	***	***	***	***	***	***	***
21030	98	78	79.6%	694	5.1%	12.8%	14.1%	67.9%
21031	***	***	***	***	***	***	***	***
21043	***	***	***	***	***	***	***	***
21051	***	***	***	***	***	***	***	***
21052	0	--	--	--	--	--	--	--
21053	4	***	***	***	***	***	***	***
21057	0	--	--	--	--	--	--	--
21071	***	***	***	***	***	***	***	***
21074	0	--	--	--	--	--	--	--
21082	0	--	--	--	--	--	--	--
21085	0	--	--	--	--	--	--	--
21087	5	***	***	***	***	***	***	***
21093	45	27	60.0%	631	0.0%	7.4%	7.4%	85.2%
21102	0	--	--	--	--	--	--	--
21104	***	***	***	***	***	***	***	***
21105	0	--	--	--	--	--	--	--
21111	5	***	***	***	***	***	***	***
21117	285	213	74.7%	656	4.7%	12.7%	11.7%	70.9%
21120	6	***	***	***	***	***	***	***
21128	22	18	81.8%	744	0.0%	0.0%	16.7%	83.3%
21131	4	***	***	***	***	***	***	***
21133	294	228	77.6%	613	8.8%	7.9%	17.5%	65.8%
21136	108	81	75.0%	653	9.9%	13.6%	9.9%	66.7%
21152	8	7	87.5%	823	0.0%	14.3%	0.0%	85.7%
21153	***	***	***	***	***	***	***	***
21155	0	--	--	--	--	--	--	--
21156	0	--	--	--	--	--	--	--
21161	2	***	***	***	***	***	***	***
21162	7	***	***	***	***	***	***	***
21163	0	--	--	--	--	--	--	--
21204	71	56	78.9%	593	12.5%	16.1%	12.5%	58.9%
21206	84	66	78.6%	627	7.6%	9.1%	15.2%	68.2%
21207	375	286	76.3%	655	7.3%	9.8%	15.4%	67.5%
21208	169	132	78.1%	692	6.1%	12.9%	12.1%	68.9%
21209	53	38	71.7%	783	10.5%	7.9%	18.4%	63.2%
21210	***	***	***	***	***	***	***	***
21212	18	15	83.3%	554	0.0%	13.3%	33.3%	53.3%
21215	51	35	68.6%	643	5.7%	2.9%	25.7%	65.7%
21219	13	8	61.5%	706	0.0%	12.5%	12.5%	75.0%
21220	170	130	76.5%	625	10.0%	11.5%	16.2%	62.3%
21221	213	156	73.2%	653	10.9%	12.8%	12.8%	63.5%
21222	266	212	79.7%	673	8.0%	11.3%	13.2%	67.5%
21224	37	22	59.5%	707	13.6%	9.1%	9.1%	68.2%

21227	118	84	71.2%	642	7.1%	11.9%	15.5%	65.5%
21228	179	130	72.6%	566	8.5%	10.8%	21.5%	59.2%
21229	69	52	75.4%	592	9.6%	9.6%	15.4%	65.4%
21234	272	215	79.0%	686	6.0%	9.3%	13.5%	71.2%
21236	100	77	77.0%	681	2.6%	16.9%	10.4%	70.1%
21237	175	145	82.9%	675	6.9%	9.0%	13.1%	71.0%
21239	26	20	76.9%	631	10.0%	15.0%	10.0%	65.0%
21244	326	251	77.0%	606	8.4%	11.6%	15.1%	64.9%
21250	0	--	--	--	--	--	--	--
21252	0	--	--	--	--	--	--	--
21286	64	46	71.9%	663	2.2%	4.3%	17.4%	76.1%
Unknown	8	7	87.5%	728	28.6%	0.0%	0.0%	71.4%
<b>Total</b>	3,769	2,869	76.1%	647	7.4%	10.7%	14.6%	67.2%

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

**Table 5 – Viral Load Test Results During 2019 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by ZIP Code of Current Residence, Reported through June 30, 2020**

ZIP Code of Current Residence	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
21013	3	***	***	***	***
21030	98	79	80.6%	94.9%	6,650
21031	***	***	***	***	***
21043	***	***	***	***	***
21051	***	***	***	***	***
21052	0	--	--	--	--
21053	4	***	***	***	***
21057	0	--	--	--	--
21071	***	***	***	***	***
21074	0	--	--	--	--
21082	0	--	--	--	--
21085	0	--	--	--	--
21087	5	5	100.0%	100.0%	--
21093	45	32	71.1%	96.9%	2,170
21102	0	--	--	--	--
21104	***	***	***	***	***
21105	0	--	--	--	--
21111	5	***	***	***	***
21117	285	225	78.9%	90.2%	5,340
21120	6	***	***	***	***
21128	22	20	90.9%	100.0%	--
21131	4	***	***	***	***
21133	294	243	82.7%	88.9%	1,920
21136	108	85	78.7%	89.4%	78,700
21152	8	8	100.0%	87.5%	9,430
21153	***	***	***	***	***
21155	0	--	--	--	--
21156	0	--	--	--	--
21161	2	***	***	***	***
21162	7	***	***	***	***
21163	0	--	--	--	--
21204	71	58	81.7%	93.1%	1,242
21206	84	68	81.0%	91.2%	5,210
21207	375	294	78.4%	88.4%	15,935
21208	169	140	82.8%	92.1%	1,140
21209	53	42	79.2%	92.9%	53,800
21210	***	***	***	***	***
21212	18	14	77.8%	92.9%	20,700
21215	51	40	78.4%	87.5%	1,835
21219	13	11	84.6%	90.9%	22,000
21220	170	135	79.4%	86.7%	3,497
21221	213	169	79.3%	88.8%	5,460
21222	266	233	87.6%	90.1%	5,080
21224	37	28	75.7%	92.9%	12,325

21227	118	89	75.4%	86.5%	7,785
21228	179	140	78.2%	91.4%	16,205
21229	69	53	76.8%	88.7%	5,504
21234	272	222	81.6%	91.4%	5,240
21236	100	80	80.0%	92.5%	1,655
21237	175	151	86.3%	88.7%	17,800
21239	26	20	76.9%	95.0%	4,500
21244	326	257	78.8%	88.7%	4,680
21250	0	--	--	--	--
21252	0	--	--	--	--
21286	64	48	75.0%	95.8%	9,905
Unknown	8	6	75.0%	83.3%	4,930
<b>Total</b>	<b>3,769</b>	<b>3,030</b>	<b>80.4%</b>	<b>90.2%</b>	<b>6,934</b>

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

## Section V – By Age

**Table 6 – Reported HIV Diagnoses During 2019, Linked to Care, Late Diagnosis, and First CD4 Test Result by Age at HIV Diagnosis, Reported through June 30, 2020**

Age at HIV Diagnosis	Population	Reported HIV Diagnoses							
		No.	% of Total	Rate	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
					% 1 month	% 3 months		% with Test	Median Count
<5 (Pediatric)	48,807	0	0.0%	0.0	--	--	--	--	--
5-12 (Pediatric)	79,847	0	0.0%	0.0	--	--	--	--	--
13-19	72,828	5	4.3%	6.9	***	***	0.0%	***	***
20-29	105,403	49	41.9%	46.5	89.8%	98.0%	***	93.9%	449
30-39	110,813	22	18.8%	19.9	90.9%	90.9%	22.7%	100.0%	388
40-49	98,218	12	10.3%	12.2	91.7%	100.0%	41.7%	91.7%	327
50-59	110,291	19	16.2%	17.2	89.5%	89.5%	26.3%	84.2%	486
60+	201,163	10	8.5%	5.0	***	***	***	***	***
<b>Total</b>	<b>827,370</b>	<b>117</b>	<b>100.0%</b>	<b>14.1</b>	<b>90.6%</b>	<b>94.9%</b>	<b>18.8%</b>	<b>93.2%</b>	<b>423</b>

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

**Table 7 – People Living with Diagnosed HIV, Alive on December 31, 2019, by Age on December 31, 2019, Reported through June 30, 2020**

Age on December 31, 2019	Population	Total People Living with Diagnosed HIV			
		No.	% of Total	Rate	Ratio (1 in X)
<5 (Pediatric)	48,807	0	0.0%	0.0	--
5-12 (Pediatric)	79,847	5	0.1%	6.3	15,969
13-19	72,828	22	0.6%	30.2	3,310
20-29	105,403	325	8.6%	308.3	324
30-39	110,813	709	18.8%	639.8	156
40-49	98,218	808	21.4%	822.7	122
50-59	110,291	1,086	28.8%	984.7	102
60+	201,163	819	21.7%	407.1	246
<b>Total</b>	<b>827,370</b>	<b>3,774</b>	<b>100.0%</b>	<b>456.1</b>	<b>219</b>

**Table 8 – CD4 Test Results During 2019 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Age on December 31, 2019, Reported through June 30, 2020**

Age on December 31, 2019	Total People Aged 13+ Living with Diagnosed HIV							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	22	21	95.5%	702	4.8%	9.5%	0.0%	85.7%
20-29	325	262	80.6%	630	9.2%	11.1%	14.1%	65.6%
30-39	709	528	74.5%	669	8.1%	8.5%	14.0%	69.3%
40-49	808	605	74.9%	654	6.9%	10.9%	13.4%	68.8%
50-59	1,086	830	76.4%	658	7.8%	11.0%	14.1%	67.1%
60+	819	623	76.1%	616	6.1%	12.0%	17.7%	64.2%
Total	3,769	2,869	76.1%	647	7.4%	10.7%	14.6%	67.2%

**Table 9 – Viral Load Test Results During 2019 for People Living with Diagnosed HIV, Alive on December 31, 2019, by Age on December 31, 2019, Reported through June 30, 2020**

Age on December 31, 2019	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
13-19	22	21	95.5%	90.5%	819,000
20-29	325	266	81.8%	77.4%	15,900
30-39	709	548	77.3%	88.0%	9,875
40-49	808	644	79.7%	90.2%	6,120
50-59	1,086	888	81.8%	91.3%	2,560
60+	819	663	81.0%	95.5%	1,420
<b>Total</b>	<b>3,769</b>	<b>3,030</b>	<b>80.4%</b>	<b>90.2%</b>	<b>6,934</b>



## Section VI – By Demographics

**Table 10 – Reported HIV Diagnoses, Among People Aged 13+ During 2019, Linked to Care, Late Diagnosis, and First CD4 Test Result by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2020**

Demographic Characteristics	Population Age 13+	Reported HIV Diagnoses Among People Aged 13+							
		No.	% of Total	Rate	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
					% 1 month	% 3 months	%	% with Test	Median Count
Sex at Birth									
Male	326,412	95	81.2%	29.1	92.6%	96.8%	16.8%	93.7%	430
Female	372,305	22	18.8%	5.9	81.8%	86.4%	27.3%	90.9%	404
Gender									
Male	326,412	91	77.8%	27.9	92.3%	96.7%	17.6%	93.4%	396
Female	372,305	22	18.8%	5.9	***	***	***	***	***
Transfeminine	--	4	3.4%	0.0	***	***	***	***	***
Transmasculine	--	0	0.0%	0.0	--	--	--	--	--
Another Gender Identity	--	0	0.0%	0.0	--	--	--	--	--
Race/Ethnicity									
Hispanic	34,413	7	6.0%	20.3	100.0%	100.0%	***	100.0%	318
Non-Hispanic	664,303	110	94.0%	16.6	90.0%	94.5%	19.1%	92.7%	427
American Indian/Alaska Native, only	1,909	0	0.0%	0.0	--	--	--	--	--
Asian, only	43,117	1	0.9%	2.3	***	***	***	***	***
Black, only	201,207	86	73.5%	42.7	89.5%	95.3%	16.3%	94.2%	458
Native Hawaiian/Other Pacific Islander, only	244	0	0.0%	0.0	--	--	--	--	--
White, only	405,520	19	16.2%	4.7	89.5%	89.5%	31.6%	84.2%	301
Multiracial/Other	12,306	4	3.4%	32.5	***	***	***	***	***
Total	698,716	117	100.0%	16.7	90.6%	94.9%	18.8%	93.2%	423
Country of Birth									
United States	601,465	93	79.5%	15.5	89.2%	94.6%	18.3%	92.5%	394
Foreign-Born	97,316	13	11.1%	13.4	100.0%	100.0%	***	100.0%	495
Africa	--	8	6.8%	--	100.0%	100.0%	0.0%	100.0%	589
Asia	--	1	0.9%	--	***	***	***	***	***
Caribbean	--	0	0.0%	--	--	--	--	--	--
Central America	--	2	1.7%	--	***	***	***	***	***
Other	--	2	1.7%	--	***	***	***	***	***
Unknown	--	11	9.4%	--	90.9%	90.9%	***	90.9%	503
Total	698,780	117	100.0%	16.7	90.6%	94.9%	18.8%	93.2%	423

Note. Population data by sex at birth, age, and race/ethnicity are from the 2019 U.S. Census population estimates. Population data by gender are unavailable. Population data by country of birth are from the 2018 American Community Survey.

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

**Table 11 – Reported HIV Diagnoses, Among People Aged 13+ During 2019, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2020**

Reported HIV Diagnoses Among People Aged 13+								
Race/Ethnicity	Sex at Birth							
	Male				Female			
	Population 13+	No.	% of Total	Rate	Population 13+	No.	% of Total	Rate
<b>Hispanic</b>	17,943	7	7.4%	39.0	16,470	0	0.0%	0.0
<b>Non-Hispanic</b>	308,469	88	92.6%	28.5	355,834	22	100.0%	28.5
American Indian/Alaska Native, only	900	0	0.0%	0.0	1,010	0	0.0%	0.0
Asian, only	20,914	1	1.1%	4.8	22,203	0	0.0%	0.0
Black, only	88,328	66	69.5%	74.7	112,878	20	90.9%	17.7
Native Hawaiian/Other Pacific Islander, only	100	0	0.0%	0.0	144	0	0.0%	0.0
White, only	192,554	17	17.9%	8.8	212,966	2	9.1%	0.9
Multiracial/Other	5,673	4	4.2%	70.5	6,633	0	0.0%	0.0
<b>Total</b>	326,412	95	100.0%	29.1	372,305	22	100.0%	29.1

*Note.* Population data by sex at birth, age, and race/ethnicity are from the 2019 U.S. Census population estimates.

**Table 12 – People Aged 13+ Living with Diagnosed HIV Alive on December 31, 2019, by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2020**

Demographic Characteristics	Population Age 13+	Total People Aged 13+ Living with Diagnosed HIV			
		No.	% of Total	Rate	Ratio (1 in X)
Sex at Birth					
Male	326,412	2,365	62.7%	724.5	138
Female	372,305	1,404	37.3%	377.1	265
Gender					
Male	326,412	2,336	62.0%	715.7	140
Female	372,305	1,402	37.2%	376.6	266
Transfeminine	--	29	0.8%	--	--
Transmasculine	--	2	0.1%	--	--
Another Gender Identity	--	0	0.0%	--	--
Race/Ethnicity					
Hispanic	34,413	185	4.9%	537.6	186
Non-Hispanic	664,303	3,584	95.1%	539.5	185
American Indian/Alaska Native, only	1,909	3	0.1%	157.1	636
Asian, only	43,117	46	1.2%	106.7	937
Black, only	201,207	2,664	70.7%	1,324.0	76
Native Hawaiian/Other Pacific Islander, only	244	0	0.0%	0.0	--
White, only	405,520	620	16.4%	152.9	654
Multiracial/Other	12,306	251	6.7%	2,039.6	49
Total	698,716	3,769	100.0%	539.4	185
Country of Birth					
United States	601,465	3,277	86.9%	544.8	184
Foreign-Born	97,316	386	10.2%	396.6	252
Africa	--	237	6.3%	--	--
Asia	--	54	1.4%	--	--
Caribbean	--	27	0.7%	--	--
Central America	--	39	1.0%	--	--
Other	--	29	0.8%	--	--
Unknown	--	106	2.8%	--	--
Total	698,780	3,769	100.0%	539.4	185

Note. Population data by sex at birth, age, and race/ethnicity are from the 2019 U.S. Census population estimates. Population data by gender are unavailable. Population data by country of birth are from the 2018 American Community Survey.

**Table 13 – People Aged 13+ Living with Diagnosed HIV Alive on December 31, 2019, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2020**

Total People Aged 13+ Living with Diagnosed HIV								
Race/Ethnicity	Sex at Birth							
	Male				Female			
	Population 13+	No.	% of Total	Rate	Population 13+	No.	% of Total	Rate
<b>Hispanic</b>	17,943	131	5.5%	730.1	16,470	54	3.8%	327.9
<b>Non-Hispanic</b>	308,469	2,234	94.5%	724.2	355,834	1,350	96.2%	379.4
American Indian/Alaska Native, only	900	***	***	***	1,010	***	***	***
Asian, only	20,914	***	***	***	22,203	***	***	***
Black, only	88,328	1,567	66.3%	1,774.1	112,878	1,097	78.1%	971.8
Native Hawaiian/Other Pacific Islander, only	100	0	0.0%	0.0	144	0	0.0%	0.0
White, only	192,554	473	20.0%	245.6	212,966	147	10.5%	69.0
Multiracial/Other	5,673	162	6.8%	2,855.4	6,633	89	6.3%	1,341.8
<b>Total</b>	326,412	2,365	100.0%	724.5	372,305	1,404	100.0%	377.1

Note. Population data by sex at birth, age, and race/ethnicity are from the 2019 U.S. Census population estimates.

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

**Table 14 – CD4 Test Results During 2019 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Sex at Birth, Gender, Race/Ethnicity and Country of Birth, Reported through June 30, 2020**

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+
Sex at Birth								
Male	2,365	1,785	75.5%	633	6.9%	10.5%	16.0%	66.6%
Female	1,404	1,084	77.2%	665	8.3%	11.2%	12.3%	68.3%
Gender								
Male	2,336	1,761	75.4%	631	6.9%	10.6%	16.1%	66.4%
Female	1,402	1,083	77.2%	665	8.3%	11.2%	12.3%	68.2%
Transfeminine	29	***	***	***	***	***	***	***
Transmasculine	2	***	***	***	***	***	***	***
Another Gender Identity	0	--	--	--	--	--	--	--
Race/Ethnicity								
Hispanic	185	140	75.7%	567	7.9%	17.9%	19.3%	55.0%
Non-Hispanic	3,584	2,729	76.1%	651	7.4%	10.4%	14.4%	67.9%
American Indian/Alaska Native, only	3	***	***	***	***	***	***	***
Asian, only	46	***	***	***	***	***	***	***
Black, only	2,664	2,048	76.9%	651	7.4%	10.6%	13.8%	68.2%
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--	--	--	--
White, only	620	451	72.7%	659	8.0%	10.2%	14.9%	67.0%
Multiracial/Other	251	193	76.9%	638	6.7%	7.3%	17.6%	68.4%
Country of Birth								
United States	3,277	2,512	76.7%	648	8.0%	10.7%	13.9%	67.4%
Foreign-Born	386	278	72.0%	621	4.0%	12.2%	18.7%	65.1%
Africa	237	164	69.2%	671	4.3%	9.8%	17.7%	68.3%
Asia	54	43	79.6%	559	2.3%	11.6%	30.2%	55.8%
Caribbean	27	21	77.8%	625	4.8%	14.3%	9.5%	71.4%
Central America	39	29	74.4%	567	3.4%	27.6%	10.3%	58.6%
Other	29	21	72.4%	609	4.8%	9.5%	23.8%	61.9%
Unknown	106	79	74.5%	659	1.3%	5.1%	22.8%	70.9%
Total	3,769	2,869	76.1%	647	7.4%	10.7%	14.6%	67.2%

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

**Table 15 – Viral Load Test Results During 2019 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Sex at Birth, Gender, Race/Ethnicity and Country of Birth, Reported through June 30, 2020**

Demographic Characteristics	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
Sex at Birth					
Male	2,365	1,886	79.7%	90.6%	7,650
Female	1,404	1,144	81.5%	89.4%	6,630
Gender					
Male	2,336	1,861	79.7%	90.8%	7,860
Female	1,402	1,143	81.5%	89.5%	6,934
Transfeminine	29	***	***	***	***
Transmasculine	2	***	***	***	***
Another Gender Identity	0	--	--	--	--
Race/Ethnicity					
Hispanic	185	153	82.7%	91.5%	34,100
Non-Hispanic	3,584	2,877	80.3%	90.1%	5,970
American Indian/Alaska Native, only	3	***	***	***	***
Asian, only	46	***	***	***	***
Black, only	2,664	2,132	80.0%	89.2%	5,970
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--
White, only	620	499	80.5%	92.8%	3,590
Multiracial/Other	251	208	82.9%	92.3%	12,125
Country of Birth					
United States	3,277	2,651	80.9%	89.7%	7,249
Foreign-Born	386	294	76.2%	92.9%	2,170
Africa	237	175	73.8%	92.6%	2,170
Asia	54	42	77.8%	92.9%	20,700
Caribbean	27	21	77.8%	95.2%	383
Central America	39	34	87.2%	94.1%	112,950
Other	29	22	75.9%	90.9%	1,190
Unknown	106	85	80.2%	94.1%	3,110
Total	3,769	3,030	80.4%	90.2%	6,934

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

**Table 16 – Males Living with Diagnosed HIV by Age on December 31, 2019 and Race/Ethnicity, Alive on December 31, 2019, and Reported through June 30, 2020**

		Total Males Living with Diagnosed HIV				
Age on December 31, 2019		Race/Ethnicity				Total Males by Age Group
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	7,072	21,749	28,620	7,882	65,323
	Number	0	1	0	0	1
	Rate	0.0	4.6	0.0	0.0	1.5
	Ratio (1 in X)	--	21,749	--	--	65,323
13-19	Population	2,916	12,293	17,503	3,953	36,665
	Number	1	6	2	0	9
	Rate	34.3	48.8	11.4	0.0	24.5
	Ratio (1 in X)	2,916	2,049	8,751	--	4,074
20-29	Population	3,394	16,808	26,187	5,375	51,764
	Number	13	203	18	9	243
	Rate	383.0	1,207.8	68.7	167.4	469.4
	Ratio (1 in X)	261	83	1,455	597	213
30-39	Population	4,204	15,168	27,966	5,448	52,786
	Number	37	358	55	41	491
	Rate	880.1	2,360.2	196.7	752.6	930.2
	Ratio (1 in X)	114	42	508	133	108
40-49	Population	3,560	13,565	24,477	4,571	46,173
	Number	33	257	99	43	432
	Rate	927.0	1,894.6	404.5	940.7	935.6
	Ratio (1 in X)	108	53	247	106	107
50-59	Population	2,136	13,900	32,509	3,506	52,051
	Number	31	411	153	61	656
	Rate	1,451.3	2,956.8	470.6	1,739.9	1,260.3
	Ratio (1 in X)	69	34	212	57	79
60+	Population	1,733	16,594	63,912	4,734	86,973
	Number	16	332	146	40	534
	Rate	923.3	2,000.7	228.4	845.0	614.0
	Ratio (1 in X)	108	50	438	118	163
Total Males by Race/Ethnicity	Population	25,015	110,077	221,174	35,469	391,735
	Number	131	1,568	473	194	2,366
	Rate	523.7	1,424.5	213.9	547.0	604.0
	Ratio (1 in X)	191	70	468	183	166

**Table 17 – Females Living with Diagnosed HIV by Age on December 31, 2019 and Race/Ethnicity, Alive on December 31, 2019, and Reported through June 30, 2020**

		Total Females Living with Diagnosed HIV				
Age on December 31, 2019		Race/Ethnicity				Total Females by Age Group
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	6,589	21,577	27,486	7,679	63,330
	Number	0	4	0	0	4
	Rate	0.0	18.5	0.0	0.0	6.3
	Ratio (1 in X)	--	5,394	--	--	15,833
13-19	Population	2,786	12,254	17,148	3,975	36,164
	Number	1	11	0	1	13
	Rate	35.9	89.8	0.0	25.2	35.9
	Ratio (1 in X)	2,786	1,114	--	3,975	2,782
20-29	Population	3,222	19,056	25,938	5,423	53,639
	Number	5	65	9	3	82
	Rate	155.2	341.1	34.7	55.3	152.9
	Ratio (1 in X)	644	293	2,882	1,808	654
30-39	Population	3,551	19,889	28,843	5,744	58,027
	Number	11	169	20	18	218
	Rate	309.8	849.7	69.3	313.4	375.7
	Ratio (1 in X)	323	118	1,442	319	266
40-49	Population	3,083	18,143	25,534	5,285	52,045
	Number	17	293	32	34	376
	Rate	551.4	1,614.9	125.3	643.3	722.5
	Ratio (1 in X)	181	62	798	155	138
50-59	Population	1,796	17,614	34,798	4,032	58,240
	Number	14	336	55	25	430
	Rate	779.5	1,907.6	158.1	620.0	738.3
	Ratio (1 in X)	128	52	633	161	135
60+	Population	2,032	25,922	80,705	5,531	114,190
	Number	6	223	31	25	285
	Rate	295.3	860.3	38.4	452.0	249.6
	Ratio (1 in X)	339	116	2,603	221	401
Total Females by Race/Ethnicity	Population	23,059	134,455	240,452	37,669	435,635
	Number	54	1,101	147	106	1,408
	Rate	234.2	818.9	61.1	281.4	323.2
	Ratio (1 in X)	427	122	1,636	355	309



## Section VII – By HIV Exposure Category

**Table 18 – Reported HIV Diagnoses, Among People Aged 13+ During 2019, Linked to Care, Late Diagnosis, and First CD4 Test Result, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2020**

Estimated or Reported Exposure Category	Reported HIV Diagnoses Among People Aged 13+						
	No.	% of Total	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
			% 1 month	% 3 months	%	% with Test	Median Count
Male-to-male Sexual Contact (MSM)	71	60.9%	90.6%	96.2%	16.1%	94.4%	423
Injection Drug Use (IDU)	5	4.4%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	2	1.6%	***	***	***	***	***
Heterosexual Contact (HET)	39	33.0%	89.9%	92.5%	18.1%	94.3%	462
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
<b>Total</b>	<b>117</b>	<b>100.0%</b>	<b>90.6%</b>	<b>94.9%</b>	<b>18.8%</b>	<b>93.2%</b>	<b>423</b>
<b>Male Estimated or Reported Exposure Category</b>							
Male-to-male Sexual Contact (MSM)	71	75.1%	90.6%	96.2%	16.1%	94.4%	423
Injection Drug Use (IDU)	4	4.2%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	2	2.0%	***	***	***	***	***
Heterosexual Contact (HET)	18	18.7%	99.4%	99.4%	***	97.8%	484
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
<b>Total</b>	<b>95</b>	<b>100.0%</b>	<b>92.6%</b>	<b>96.8%</b>	<b>16.8%</b>	<b>93.7%</b>	<b>430</b>
<b>Female Estimated or Reported Exposure Category</b>							
Injection Drug Use (IDU)	1	5.5%	***	***	***	***	***
Heterosexual Contact (HET)	21	94.5%	***	***	***	***	***
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
<b>Total</b>	<b>22</b>	<b>100.0%</b>	<b>81.8%</b>	<b>86.4%</b>	<b>27.3%</b>	<b>90.9%</b>	<b>404</b>

*Note.* Data for 2019 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. For exposure category by gender, please see the Maryland HIV Epidemiological Profile Gender Diverse People Supplement.

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

**Table 19 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2020**

Estimated or Reported Exposure Category	Total People Aged 13+ Living with Diagnosed HIV	
	No.	% of Total
Male-to-male Sexual Contact (MSM)	1,389	36.9%
Injection Drug Use (IDU)	653	17.3%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	121	3.2%
Heterosexual Contact (HET)	1,529	40.6%
Perinatal Transmission	67	1.8%
Other Exposure	5	0.1%
No Estimated or Reported Exposure	5	0.1%
<b>Total</b>	<b>3,769</b>	<b>100.0%</b>
<b>Male Estimated or Reported Exposure Category</b>		
Male-to-male Sexual Contact (MSM)	1,389	58.7%
Injection Drug Use (IDU)	374	15.8%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	121	5.1%
Heterosexual Contact (HET)	446	18.9%
Perinatal Transmission	29	1.2%
Other Exposure	5	0.2%
No Estimated or Reported Exposure	1	0.0%
<b>Total</b>	<b>2,365</b>	<b>100.0%</b>
<b>Female Estimated or Reported Exposure Category</b>		
Injection Drug Use (IDU)	279	19.9%
Heterosexual Contact (HET)	1,083	77.1%
Perinatal Transmission	38	2.7%
Other Exposure	0	0.0%
No Estimated or Reported Exposure	4	0.3%
<b>Total</b>	<b>1,404</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. For exposure category by gender, please see the Maryland HIV Epidemiological Profile Gender Diverse People Supplement.

**Table 20 – People Aged 13+ Living with Diagnosed HIV by Estimated or Reported Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on December 31, 2019, and Reported through June 30, 2020**

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 (MSM)	81	43.8%	853	32.0%	331	53.3%
Injection Drug Use (IDU)	16	8.7%	462	17.4%	121	19.5%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	7	3.9%	81	3.0%	26	4.1%
Heterosexual Contact (HET)	77	41.4%	1,207	45.3%	136	21.9%
Perinatal Transmission	1	0.5%	57	2.1%	4	0.6%
Other Exposure	1	0.5%	1	0.0%	3	0.5%
No Estimated or Reported Exposure	2	1.1%	3	0.1%	0	0.0%
<b>Total</b>	185	100.0%	2,664	100.0%	621	100.0%

Male Estimated or Reported Exposure Category						
Male-to-male Sexual Contact (MSM)	81	61.8%	853	54.4%	331	69.9%
Injection Drug Use (IDU)	10	7.4%	285	18.2%	57	12.0%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	7	5.6%	81	5.1%	26	5.4%
Heterosexual Contact (HET)	30	22.9%	325	20.7%	54	11.5%
Perinatal Transmission	1	0.8%	23	1.5%	3	0.6%
Other Exposure	1	0.8%	1	0.1%	3	0.6%
No Estimated or Reported Exposure	1	0.8%	0	0.0%	0	0.0%
<b>Total</b>	131	100.0%	1,568	100.0%	474	100.0%

Female Estimated or Reported Exposure Category						
Injection Drug Use (IDU)	6	11.9%	178	16.2%	64	43.8%
Heterosexual Contact (HET)	47	86.3%	882	80.4%	82	55.5%
Perinatal Transmission	0	0.0%	34	3.1%	1	0.7%
Other Exposure	0	0.0%	0	0.0%	0	0.0%
No Estimated or Reported Exposure	1	1.9%	3	0.3%	0	0.0%
<b>Total</b>	54	100.0%	1,097	100.0%	147	100.0%

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

**Table 21 – CD4 Test Results During 2019 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Estimated or Reported Exposure Category, Reported through June 30, 2020**

Estimated or Reported Exposure Category	Total People Aged 13+ with Living Diagnosed HIV							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male-to-male Sexual Contact (MSM)	1,389	1,080	77.8%	658	5.8%	10.0%	14.9%	69.2%
Injection Drug Use (IDU)	653	509	77.9%	595	12.0%	13.0%	14.5%	60.5%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	121	86	71.5%	623	6.1%	8.4%	19.9%	65.5%
Heterosexual Contact (HET)	1,529	1,128	73.8%	658	6.4%	10.7%	13.6%	69.3%
Perinatal Transmission	67	58	86.6%	498	19.0%	8.6%	22.4%	50.0%
Other Exposure	5	***	***	***	***	***	***	***
No Estimated or Reported Exposure	5	***	***	***	***	***	***	***
<b>Total</b>	<b>3,769</b>	<b>2,869</b>	<b>76.1%</b>	<b>647</b>	<b>7.4%</b>	<b>10.7%</b>	<b>14.6%</b>	<b>67.2%</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.

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

**Table 22 – Viral Load Test Results During 2019 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Estimated or Reported Exposure Category, Reported through June 30, 2020**

Estimated or Reported Exposure Category	Total People Aged 13+ with Living Diagnosed HIV				
	No.	Recent Viral Load Test Results			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male-to-male Sexual Contact (MSM)	1,389	1,129	81.3%	90.0%	9,225
Injection Drug Use (IDU)	653	543	83.2%	90.0%	2,930
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	121	91	75.1%	92.7%	16,600
Heterosexual Contact (HET)	1,529	1,200	78.5%	91.0%	7,238
Perinatal Transmission	67	60	89.6%	73.3%	4,715
Other Exposure	5	***	***	***	***
No Estimated or Reported Exposure	5	***	***	***	***
<b>Total</b>	<b>3,769</b>	<b>3,030</b>	<b>80.4%</b>	<b>90.2%</b>	<b>6,934</b>

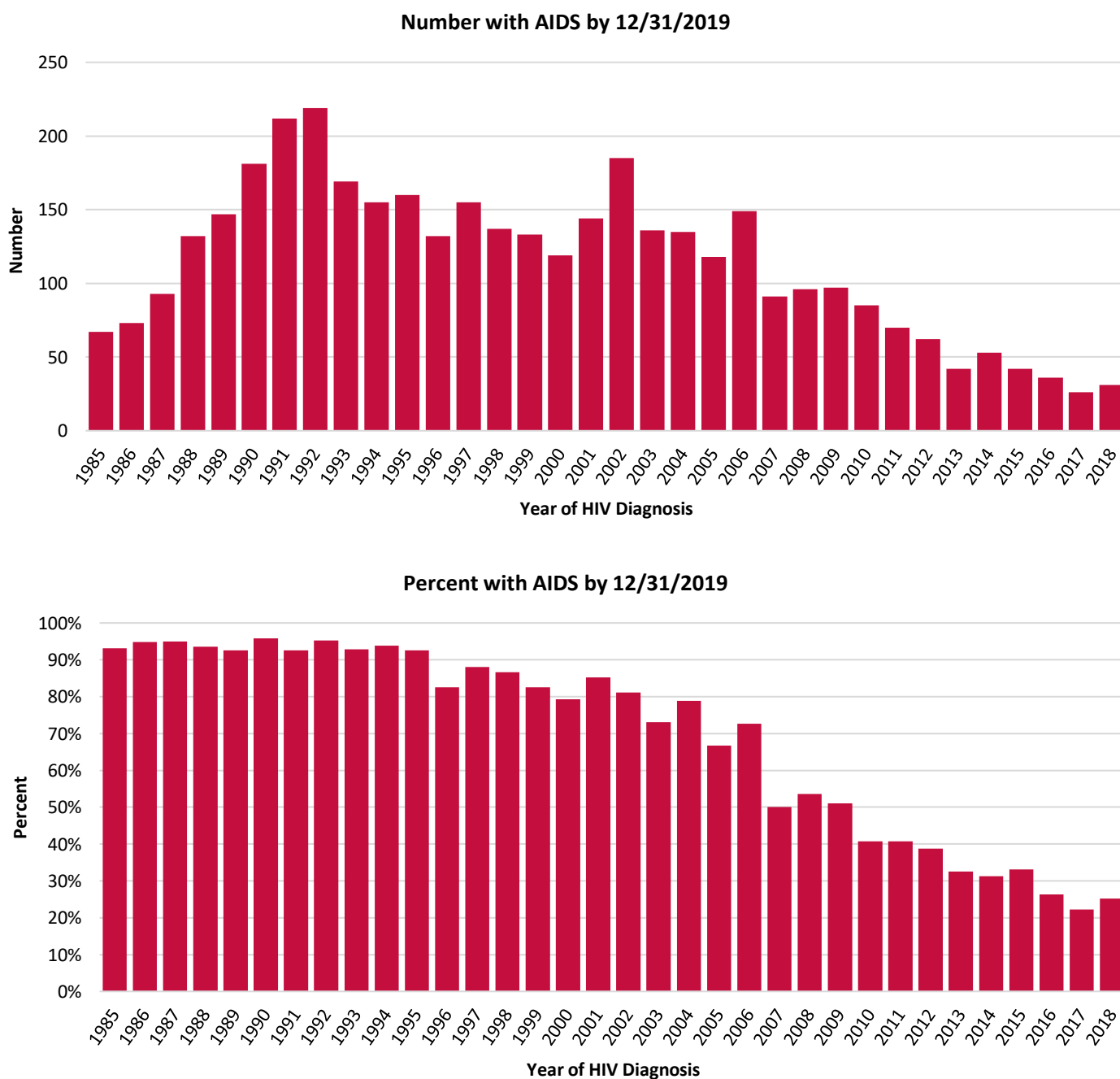
Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Median unsuppressed is weighted based on statistical adjustment.

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

## Section VIII – Disease Progression and Mortality

**Figure 10 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2018, Reported through June 30, 2020**

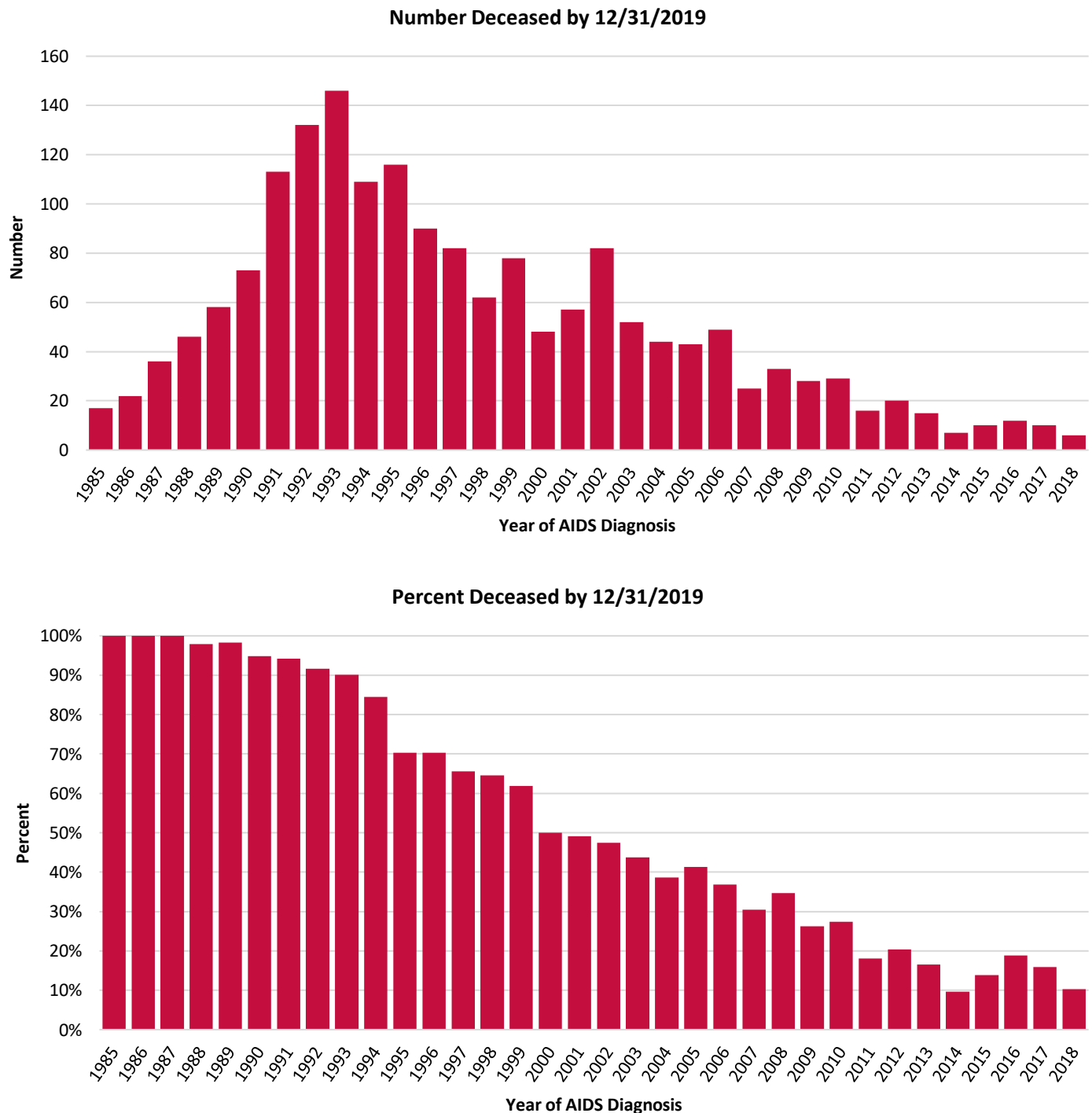
Number of People Aged 13+ with Diagnosed HIV, Age 13+ at HIV Diagnosis, (Reported HIV Diagnoses Among People Aged 13+), Number of People Aged 13+ with Diagnosed HIV with an AIDS Diagnosis by December 31, 2019 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Reported HIV Diagnoses with a Reported AIDS Diagnosis Among People Aged 13+ by December 31, 2019, 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 2018, Reported through June 30, 2020



Reported HIV Diagnoses Among People Aged 13+								
Year of HIV Diagnosis	No.	Reported 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	47	45	95.7%	7.8	29.8%	29.8%	31.9%	61.7%
1985	72	67	93.1%	6.5	29.2%	29.2%	38.9%	75.0%
1986	77	73	94.8%	5.6	33.8%	33.8%	45.5%	83.1%
1987	98	93	94.9%	4.6	33.7%	38.8%	57.1%	86.7%
1988	141	132	93.6%	4.2	39.7%	41.8%	63.1%	85.1%
1989	159	147	92.5%	3.8	40.9%	45.3%	66.7%	84.9%
1990	189	181	95.8%	3.0	47.6%	56.6%	79.9%	89.4%
1991	229	212	92.6%	2.8	50.7%	59.0%	75.1%	83.8%
1992	230	219	95.2%	2.6	50.4%	60.0%	79.6%	90.0%
1993	182	169	92.9%	2.1	55.5%	62.6%	79.7%	90.1%
1994	165	155	93.9%	2.5	52.7%	62.4%	78.2%	89.7%
1995	173	160	92.5%	2.2	60.7%	67.1%	79.2%	87.9%
1996	160	132	82.5%	1.4	64.4%	68.8%	74.4%	79.4%
1997	176	155	88.1%	2.0	59.1%	61.9%	73.9%	84.7%
1998	158	137	86.7%	1.3	64.6%	69.0%	78.5%	86.1%
1999	161	133	82.6%	1.7	57.1%	59.6%	72.7%	79.5%
2000	150	119	79.3%	1.7	54.7%	59.3%	69.3%	78.0%
2001	169	144	85.2%	1.7	59.8%	66.9%	76.3%	81.7%
2002	228	185	81.1%	1.6	61.8%	65.8%	71.1%	77.6%
2003	186	136	73.1%	1.3	57.0%	62.4%	65.6%	69.9%
2004	171	135	78.9%	1.6	59.1%	65.5%	70.2%	74.3%
2005	177	118	66.7%	1.9	48.6%	51.4%	57.1%	62.1%
2006	205	149	72.7%	1.1	60.0%	63.4%	66.3%	71.2%
2007	182	91	50.0%	1.7	35.7%	38.5%	42.3%	48.4%
2008	179	96	53.6%	1.3	40.8%	41.3%	48.6%	53.1%
2009	190	97	51.1%	1.7	33.7%	35.8%	44.2%	51.1%
2010	209	85	40.7%	1.7	25.4%	27.3%	36.4%	--
2011	172	70	40.7%	1.3	30.2%	34.3%	36.0%	--
2012	160	62	38.8%	1.3	28.1%	30.6%	35.6%	--
2013	129	42	32.6%	0.7	27.1%	29.5%	31.0%	--
2014	170	53	31.2%	0.8	24.7%	27.1%	31.2%	--
2015	127	42	33.1%	0.5	27.6%	29.9%	--	--
2016	137	36	26.3%	0.3	24.1%	25.5%	--	--
2017	117	26	22.2%	0.1	22.2%	22.2%	--	--
2018	123	31	25.2%	0.2	24.4%	--	--	--
Total	5,598	3,927	70.2%	2.3	45.1%	49.3%	58.6%	66.6%

**Figure 11 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2018, Reported through June 30, 2020**

Number of People Aged 13+ with Diagnosed HIV, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by December 31, 2018 (Reported AIDS Diagnoses), Number of Reported AIDS Diagnosis Among People Aged 13+ Reported to Have Died of Any Cause by December 31, 2019 (Reported AIDS 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, 2019, 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 2018, Reported through June 30, 2020



Reported AIDS Diagnoses Among People Aged 13+								
Year of AIDS Diagnosis	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Deceased	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	8	8	100.0%	3.0	50.0%	25.0%	12.5%	12.5%
1985	17	17	100.0%	1.2	35.3%	5.9%	5.9%	0.0%
1986	22	22	100.0%	2.1	54.5%	40.9%	13.6%	0.0%
1987	36	36	100.0%	3.1	75.0%	44.4%	11.1%	8.3%
1988	47	46	97.9%	2.4	57.4%	40.4%	14.9%	4.3%
1989	59	58	98.3%	3.0	64.4%	40.7%	16.9%	6.8%
1990	77	73	94.8%	2.4	71.4%	51.9%	16.9%	7.8%
1991	120	113	94.2%	2.8	68.3%	47.5%	15.0%	11.7%
1992	144	132	91.7%	2.8	72.9%	49.3%	16.0%	12.5%
1993	162	146	90.1%	3.4	79.6%	50.0%	26.5%	16.0%
1994	129	109	84.5%	4.0	75.2%	56.6%	39.5%	25.6%
1995	165	116	70.3%	5.5	78.8%	67.3%	56.4%	45.5%
1996	128	90	70.3%	6.2	82.0%	76.6%	58.6%	46.9%
1997	125	82	65.6%	5.7	83.2%	77.6%	62.4%	46.4%
1998	96	62	64.6%	7.0	88.5%	80.2%	69.8%	54.2%
1999	126	78	61.9%	6.5	91.3%	82.5%	72.2%	50.0%
2000	96	48	50.0%	5.4	87.5%	82.3%	65.6%	59.4%
2001	116	57	49.1%	6.1	92.2%	81.9%	69.8%	63.8%
2002	173	82	47.4%	6.9	93.1%	91.3%	79.2%	67.6%
2003	119	52	43.7%	4.4	84.9%	80.7%	71.4%	63.9%
2004	114	44	38.6%	5.3	92.1%	90.4%	78.9%	70.2%
2005	104	43	41.3%	4.4	87.5%	82.7%	73.1%	66.3%
2006	133	49	36.8%	4.3	87.2%	84.2%	77.4%	66.2%
2007	82	25	30.5%	4.2	87.8%	84.1%	81.7%	74.4%
2008	95	33	34.7%	3.3	87.4%	83.2%	75.8%	66.3%
2009	107	28	26.2%	4.0	92.5%	90.7%	83.2%	73.8%
2010	106	29	27.4%	3.3	91.5%	89.6%	82.1%	--
2011	89	16	18.0%	4.1	98.9%	96.6%	87.6%	--
2012	98	20	20.4%	2.2	93.9%	89.8%	81.6%	--
2013	91	15	16.5%	1.7	93.4%	87.9%	84.6%	--
2014	73	7	9.6%	1.8	98.6%	91.8%	91.8%	--
2015	72	10	13.9%	2.0	95.8%	93.1%	--	--
2016	64	12	18.8%	1.1	87.5%	85.9%	--	--
2017	63	10	15.9%	1.4	93.7%	90.5%	--	--
2018*	58	6	10.3%	0.2	89.7%	--	--	--
Total	3,314	1,774	53.5%	4.3	84.8%	75.5%	61.8%	53.4%

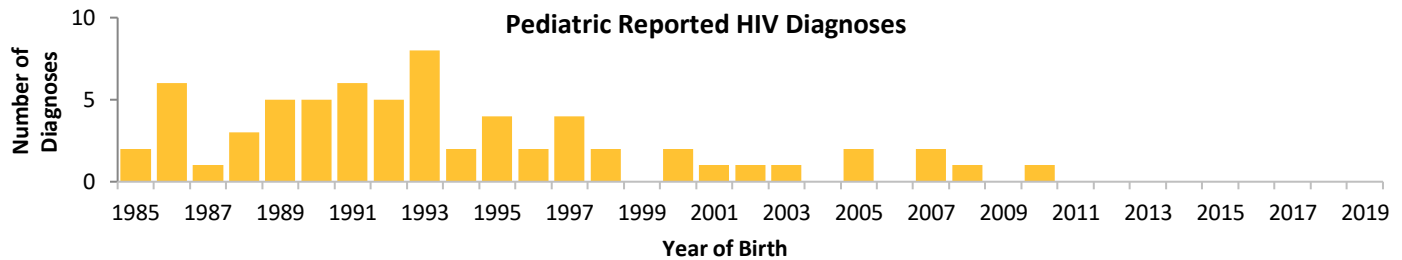
\*2018 AIDS deaths are preliminary



## Section IX – Pediatrics

**Figure 12 – Trends in Reported HIV Diagnoses Among People Aged <13, 1985-2019, Reported through June 30, 2020**

Number of Pediatric HIV Diagnoses, Age <13 at HIV Diagnosis, (Pediatric Reported HIV Diagnoses) 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 2019, as Reported by Name through June 30, 2020



Year	Pediatric Reported HIV Diagnoses				Total Living Pediatric Diagnoses Alive on December 31st of Each Year
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	
<1985	3	1	1	0	--
1985	2	0	0	0	0
1986	6	0	0	0	0
1987	1	3	2	0	1
1988	3	0	0	1	1
1989	5	4	3	2	2
1990	5	5	2	1	6
1991	6	5	2	0	10
1992	5	13	4	0	21
1993	8	3	1	1	23
1994	2	7	4	2	28
1995	4	3	3	2	29
1996	2	2	1	1	31
1997	4	1	0	0	33
1998	2	0	2	0	31
1999	0	0	0	0	31
2000	2	2	0	0	33
2001	1	1	0	0	35
2002	1	0	0	0	35
2003	1	0	1	0	34
2004	0	1	0	0	35
2005	2	1	0	0	36
2006	0	2	1	1	37
2007	2	8	1	0	45
2008	1	2	1	0	46
2009	0	3	3	2	46
2010	1	0	3	1	45
2011	0	1	1	2	47
2012	0	0	1	0	48
2013	0	1	1	1	51
2014	0	0	1	0	50
2015	0	0	0	0	50
2016	0	0	0	0	51
2017	0	0	2	0	51
2018	0	0	2	0	51
2019	0	0	0	0	52
Total	69	69	43	17	--

**Table 23 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2019, by Jurisdiction of Current Residence, Reported through June 30, 2020**

Jurisdiction of Current Residence	Total People Aged <13 Living with Diagnosed HIV	
	No.	% of Total
<b>21133</b>	1	20.0%
<b>21208</b>	1	20.0%
<b>21234</b>	2	40.0%
<b>21236</b>	1	20.0%
<b>Total</b>	5	100.0%

**Table 24 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2019, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2020**

Demographic Characteristic	Total People Aged <13 Living with Diagnosed HIV	
	No.	% of Total
<b>Sex at Birth</b>		
Male	1	20.0%
Female	4	80.0%
<b>Race/Ethnicity</b>		
<b>Hispanic</b>	0	0.0%
<b>Non-Hispanic</b>	5	100.0%
American Indian/Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	5	100.0%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	0	0.0%
Multiracial/Other	0	0.0%
<b>Total</b>	5	100.0%

## Glossary of Terms

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

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

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

**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).

**CD4 With Test:** Number and percent of total people aged 13+ living with diagnosed HIV with a recent CD4 test result.

**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.

**Heterosexual Contact (HET):** Men or women who report a history of sexual contact with a person of the opposite sex who is known to be HIV positive or at increased risk for HIV transmission. Risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue, and artificial insemination.

**Injection Drug Use (IDU):** Men or women 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 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 or 3 months after their initial HIV diagnosis.

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

**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 (MSM):** Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

**Male-to-male Sexual Contact/Injection Drug Use (MSM/IDU):** Men who report a history of sexual contact with other men who also have engaged in injection drug use.

**Other Exposure:** Includes men or women 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 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 Exposure:** Any baby born to a woman living with diagnosed HIV.

**Perinatal HIV Transmission Percent:** Percent of confirmed perinatal HIV transmissions among reported perinatal HIV exposures by year of birth.

**Perinatal HIV Transmission Rate:** Number of confirmed perinatal HIV transmissions divided by the number of live births multiplied by 100,000 by year of birth.

**Population:** Population estimate for July 1, 2019.

**Population Age 13+:** Population age 13 years or older, estimate for July 1, 2019.

**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.

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

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

**Reported 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.

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

**Reported 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.

**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.

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

**Total 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.

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

**Transfeminine:** A person whose sex assigned at birth is male but who identify as feminine.

**Transmasculine:** A person whose sex assigned at birth is female but who identify as masculine.

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