2018

Prince George's County Annual HIV Epidemiological Profile

Data reported through June 30, 2019

Maryland
DEPARTMENT OF HEALTH

Acknowledgements

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Table of Contents

Section I – Background Information

HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that people living with HIV be reported by name. The following highlights 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 immediately to the Local Health Department where the physician's office is located by mailing the Maryland Confidential Morbidity Report (DHMH 1140). Reports are also accepted by phone.

- Physicians are required to report infants born to mothers living with HIV within 48 hours to the Maryland Department of Health by mailing the Maryland Confidential Morbidity Report (DHMH 1140). Reports are also accepted by phone.

- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing the Maryland Confidential Morbidity Report (DHMH 1140). Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the Maryland Department of Health to establish electronic reporting.

- Laboratory directors are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland Department of Health, by mailing the State of Maryland HIV/CD4 Laboratory Reporting Form (DHMH 4492). Laboratories are encouraged to contact the Maryland Department of Health to establish electronic reporting.

Reporting forms and instructions, including mailing addresses and phones numbers, are available on our website: https://phpa.health.maryland.gov/OIDEOR/CHSE/Pages/reporting-material.aspx

For Assistance with HIV/AIDS Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Maryland Department of Health, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health at 410-767-5227.

Limitations in the HIV/AIDS Data

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

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

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

presents the most accurate data available and helps to account for people that may have moved out of state whose data would no longer be reported in Maryland. However, current residence data excludes people that may still be residents of Maryland but have not received any HIV care during the most recent ten and a half years. In addition, residence is dynamic and people living with diagnosed HIV may have resided at multiple addresses that cannot all be represented in single time point estimates.

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

Gender Identity: This epidemiological profile describes gender expansive people that have been diagnosed with HIV by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis or are current residents of Maryland as of December 31, 2018. Historically, it has been difficult to fully present data by gender identity. Data on gender expansive people has been limited in the Maryland Department of Health's Enhanced HIV/AIDS Reporting System (eHARS). No reliable system exists for collecting or reporting gender identity and some agencies do not collect or have complete data on gender identity. This report is likely underreporting the number gender expansive people living with diagnosed HIV because of challenges in accurately identifying and reporting gender identity in HIV surveillance.

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

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

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

Viral Suppression: In this epidemiological profile, viral suppression is defined as the most recent viral load measured in the specified year of less than 200 copies per milliliter. Estimates of viral suppression among people living with diagnosed HIV are inclusive of people diagnosed in the specified year; therefore, they may not have had sufficient time to engage in HIV care and/or achieve viral suppression.

Changes in Terminology

The terminology for HIV and AIDS surveillance data was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and People Living with Diagnosed HIV replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both newly and previously diagnosed individuals as well as undiagnosed infections. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, reports received through a certain time (six months after December 31st of the specified year) are used to generate the number of diagnoses during the prior years. This lag time allows for delays in reporting and time to complete investigations. Instead of the previous one-year lag, this epidemiological profile utilizes a six-month lag, and as a result, data on exposure category and deaths for the prior year are preliminary. For example, the

Reported HIV Diagnoses for 2018 are the total number of people diagnosed with HIV from January 1, 2018 to December 31, 2018, as reported by name through June 30, 2019.

To calculate the number of people living with diagnosed HIV, we count all reported diagnoses from the beginning of the epidemic (all new diagnoses each year) and subtract all reported deaths. For example, the total people living with diagnosed HIV on December 31, 2018 are the total reported HIV diagnoses not reported to have died as of December 31, 2018 as reported by name through June 30, 2019.

Stages of HIV Surveillance

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can contract HIV but never be screened for HIV and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the health department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

An instance of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9] but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, and years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would probably be many years after the initial HIV transmission [time point 1].

Laboratory Data

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. Viral load tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very 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, are known as viral suppression. 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. We use the presence of these lab tests as an indicator that someone has been "linked to care" after diagnosis or is "retained in care."

Sources of Data

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

Population data by sex, age, and race/ethnicity are from the July 1, 2018 U.S. Census Estimates. Population data by country-of-birth are from the Census Bureau's 2017 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.

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

Tabulation of Column Totals

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

Data Suppression

In order to protect the confidentiality of people living with diagnosed HIV, data are suppressed in the following instances:
- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than 5 people.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

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

HIV Exposure Categories

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

MSM/IDU: Men who report a history of sexual contact with other men who also have engaged in injection drug use.

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).

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.

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.

Perinatal Exposure: Any baby born to a woman living with diagnosed HIV.

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.

Not all exposure data is reported and is therefore missing in some instances. Multiple imputation is a statistical method by which missing exposure categories are replaced with estimated or probable exposure categories. Multiple imputation involves filling in the missing exposure category with multiple possible exposures, creating several complete datasets. Filling in the missing exposure category is done using the observed data for the individual person as well as data in aggregate from other people living with diagnosed HIV in Maryland. The complete datasets, containing the various predictions for each missing exposure category, are combined to create a final dataset with previously missing exposure category replaced by weighted estimates. Perinatal transmission and other exposure categories are never estimated or adjusted and depict the reported exposure category.

Section II – Trends 1985-2018

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, Among Residents at Diagnosis, 1985-2018, Reported through June 30, 2019

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 2018, as Reported through June 30, 2019
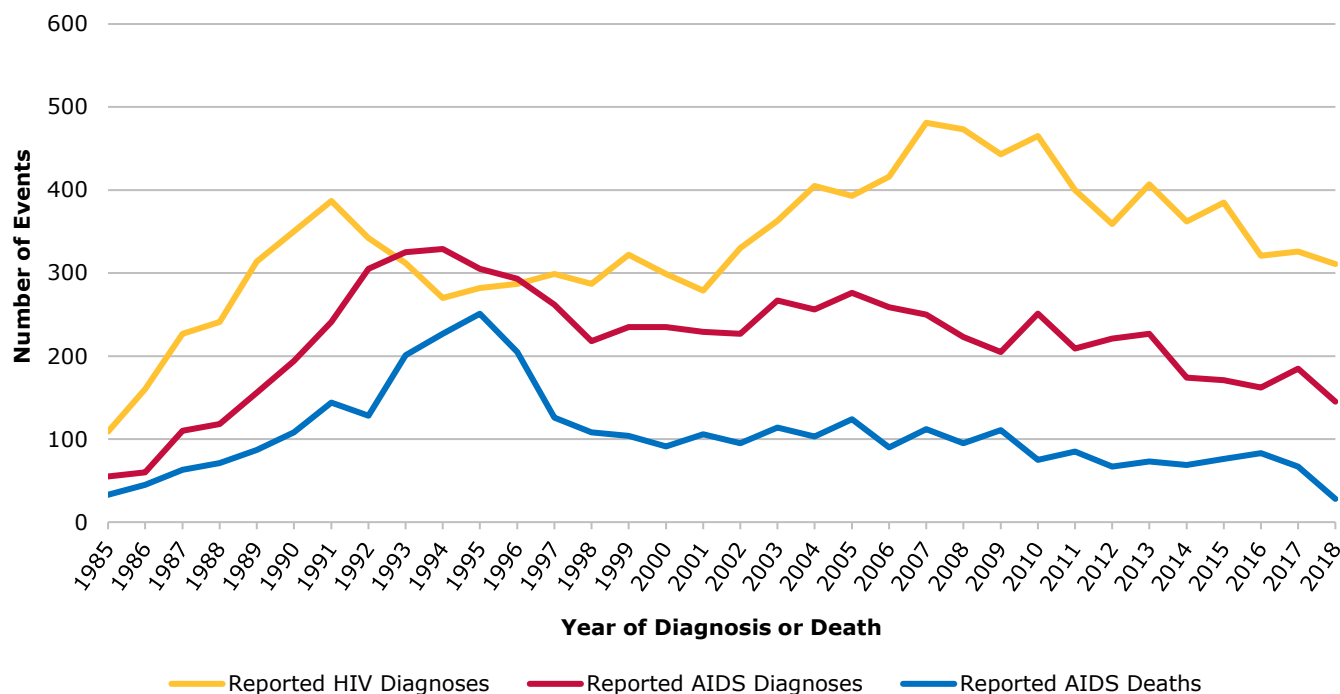
Year of Diagnosis or Death	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	Year of Diagnosis or Death	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	73	40	19	2002	330	227	95
1985	109	55	33	2003	363	267	114
1986	160	60	45	2004	405	256	103
1987	227	110	63	2005	393	276	124
1988	241	118	71	2006	416	259	90
1989	314	156	87	2007	481	250	112
1990	350	194	108	2008	473	223	95
1991	387	241	144	2009	443	205	111
1992	342	305	128	2010	465	251	75
1993	312	325	201	2011	400	209	85
1994	270	329	227	2012	359	221	67
1995	282	305	251	2013	407	227	73
1996	287	293	205	2014	362	174	69
1997	299	262	126	2015	385	171	76
1998	287	218	108	2016	321	162	83
1999	322	235	104	2017*	326	185	67
2000	299	235	91	2018*	311	145	28
2001	279	229	106	Total	11,480	7,418	3,584

*2017-2018 reported AIDS deaths are preliminary

Figure 2 – Trends in People Living with Diagnosed HIV, Among Residents at Diagnosis, 1985-2018, Reported through June 30, 2019

People Living with Diagnosed HIV and Not Reported to have Died as of December 31st of Each Year (People Living with Diagnosed HIV without an AIDS Diagnosis, People Living with Diagnosed HIV with an AIDS Diagnosis, and Total People Living with Diagnosed HIV) from 1985 through 2018, as Reported through June 30, 2019
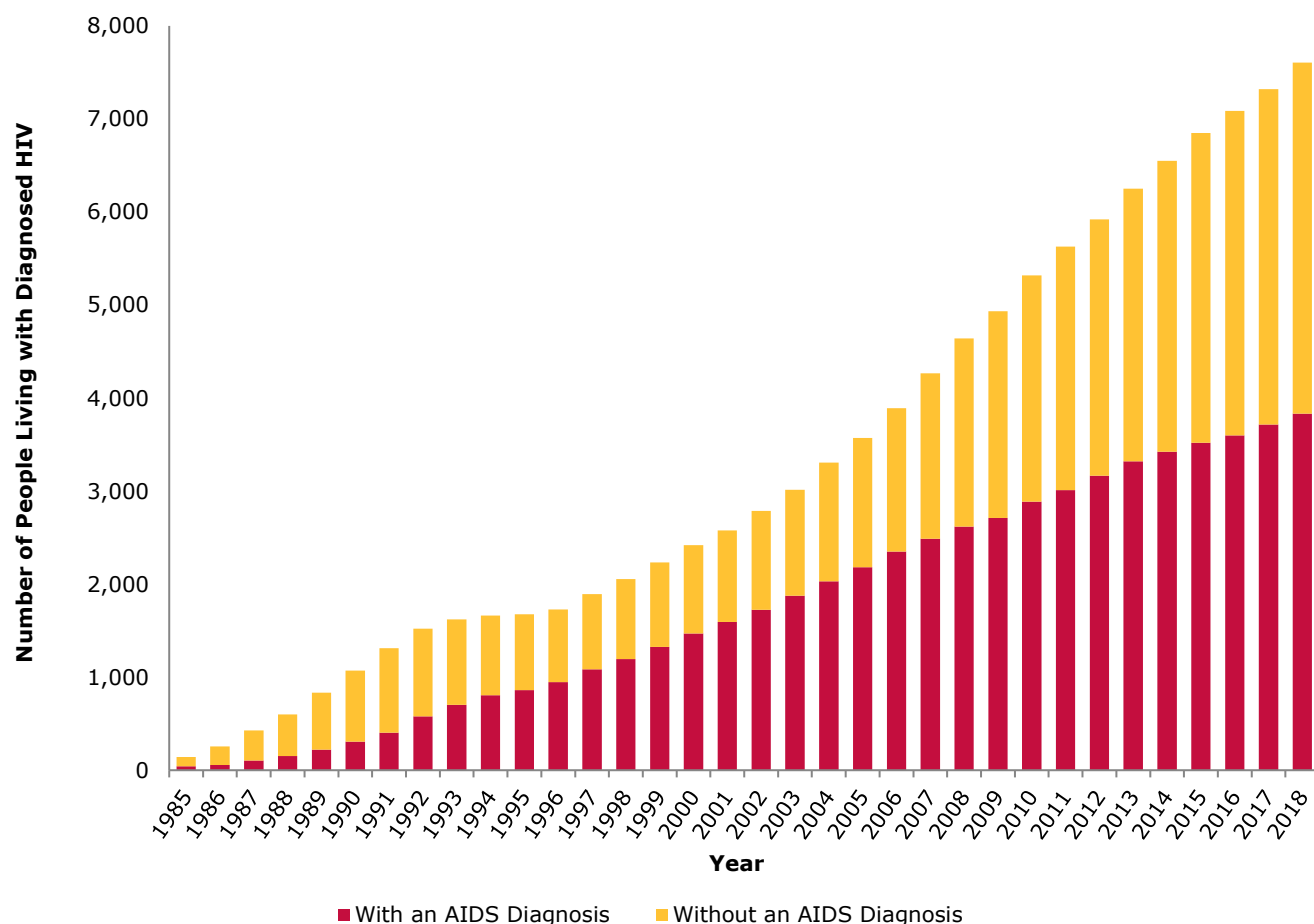
■ With an AIDS Diagnosis ■ Without an AIDS Diagnosis

Year	People Living with Diagnosed HIV			Year	People Living with Diagnosed HIV		
	without an AIDS Diagnosis	with an AIDS Diagnosis	Total		without an AIDS Diagnosis	with an AIDS Diagnosis	Total
1985	99	42	141	2002	1,064	1,724	2,788
1986	200	57	257	2003	1,138	1,877	3,015
1987	323	104	427	2004	1,277	2,030	3,307
1988	448	151	599	2005	1,391	2,182	3,573
1989	613	220	833	2006	1,539	2,351	3,890
1990	765	306	1,071	2007	1,776	2,489	4,265
1991	910	403	1,313	2008	2,025	2,617	4,642
1992	943	580	1,523	2009	2,224	2,711	4,935
1993	918	704	1,622	2010	2,433	2,887	5,320
1994	856	806	1,662	2011	2,618	3,011	5,629
1995	816	860	1,676	2012	2,757	3,165	5,922
1996	780	948	1,728	2013	2,930	3,319	6,249
1997	808	1,084	1,892	2014	3,126	3,424	6,550
1998	859	1,194	2,053	2015	3,330	3,519	6,849
1999	908	1,325	2,233	2016	3,487	3,598	7,085
2000	950	1,469	2,419	2017	3,604	3,716	7,320
2001	987	1,592	2,579	2018	3,774	3,833	7,607

Figure 3 – Trends in People Aged 13+ Living with Diagnosed HIV, Among Current Residents, 2009-2018, Reported through June 30, 2019

People Living with Diagnosed HIV in Prince George's County and Not Reported to have Died as of December 31st of Each Year from 2009 through 2018, as Reported through June 30, 2019

■ Diagnosed with HIV in Maryland   ■ Diagnosed with HIV Outside of Maryland
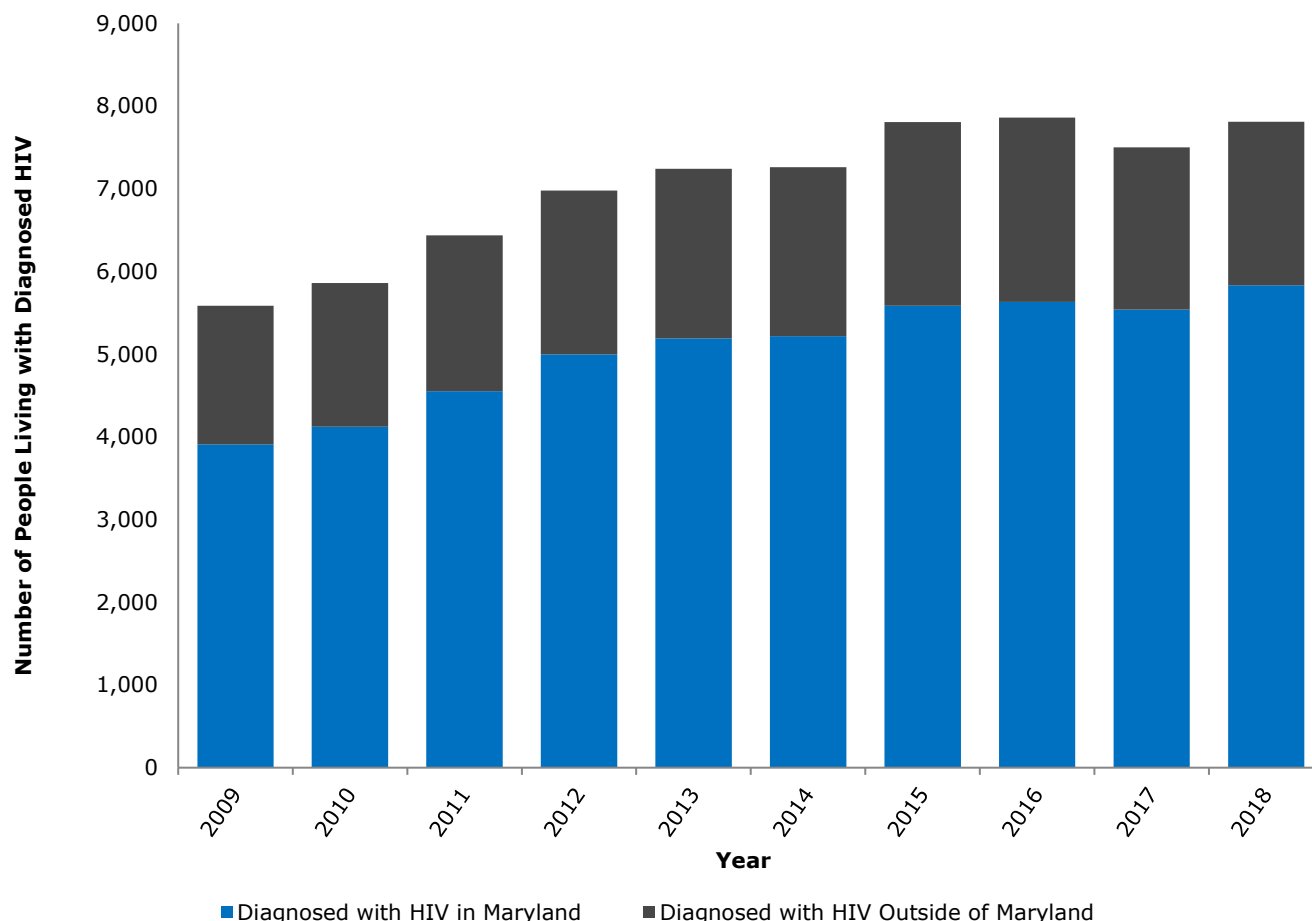
| Year | Population Age 13+ | Prince George's County Residents Aged 13+ as of December 31st of the Specified Year | | | |
		Diagnosed with HIV in Maryland	Diagnosed with HIV Outside of Maryland	Total	Rate
2009	709,275	3,912	1,674	5,586	787.6
2010	719,134	4,121	1,740	5,861	815.0
2011	726,763	4,554	1,882	6,436	885.6
2012	734,997	4,996	1,982	6,978	949.4
2013	742,886	5,190	2,053	7,243	975.0
2014	749,494	5,218	2,044	7,262	968.9
2015	755,410	5,586	2,222	7,808	1,033.6
2016	757,533	5,633	2,226	7,859	1,037.4
2017	759,143	5,540	1,960	7,500	988.0
2018	760,274	5,834	1,976	7,810	1,027.3

Figure 4 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, by Sex at Birth, 1985-2018, Reported through June 30, 2019

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 2018, as Reported through June 30, 2019

Reported HIV Diagnoses Among People Aged 13+ by Sex at Birth, 1985-2018, Reported through June 30, 2019

Reported HIV Diagnoses Among People Aged 13+ by Sex at Birth, 1985-2018, Reported through June 30, 2019
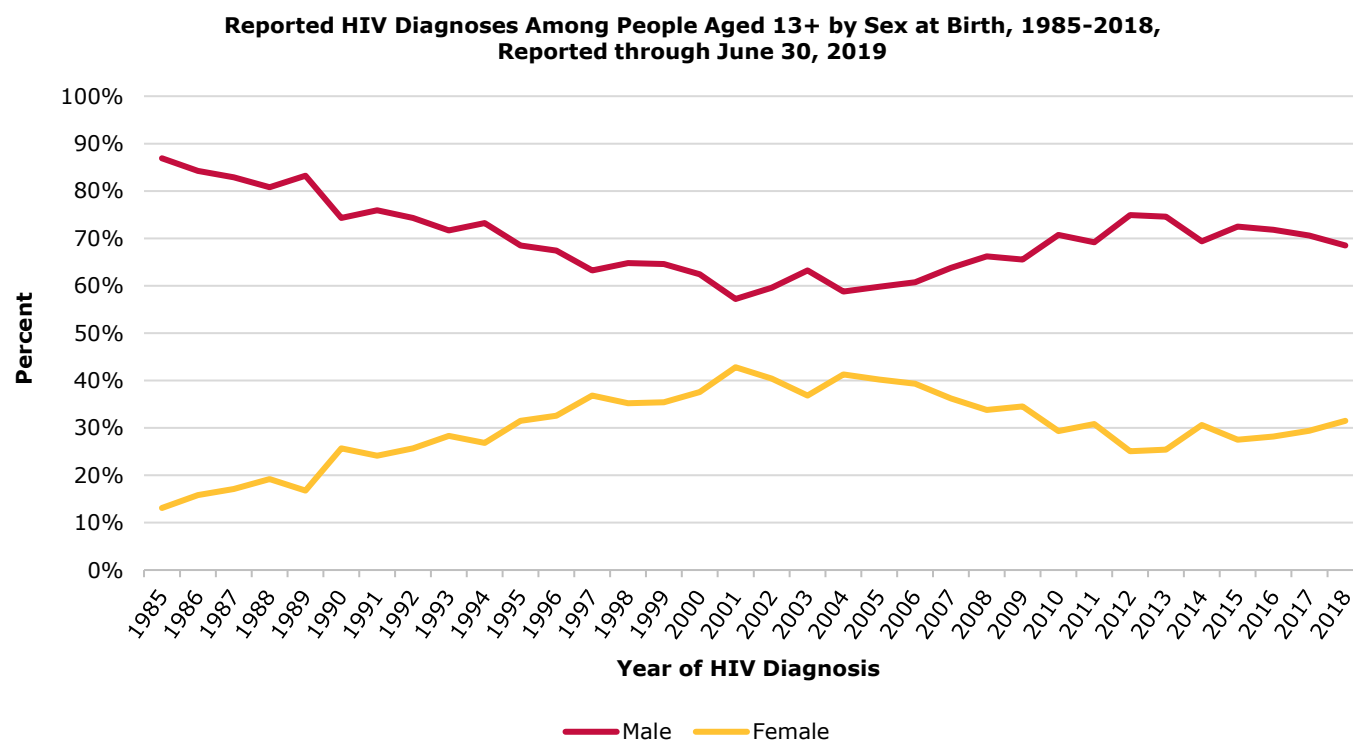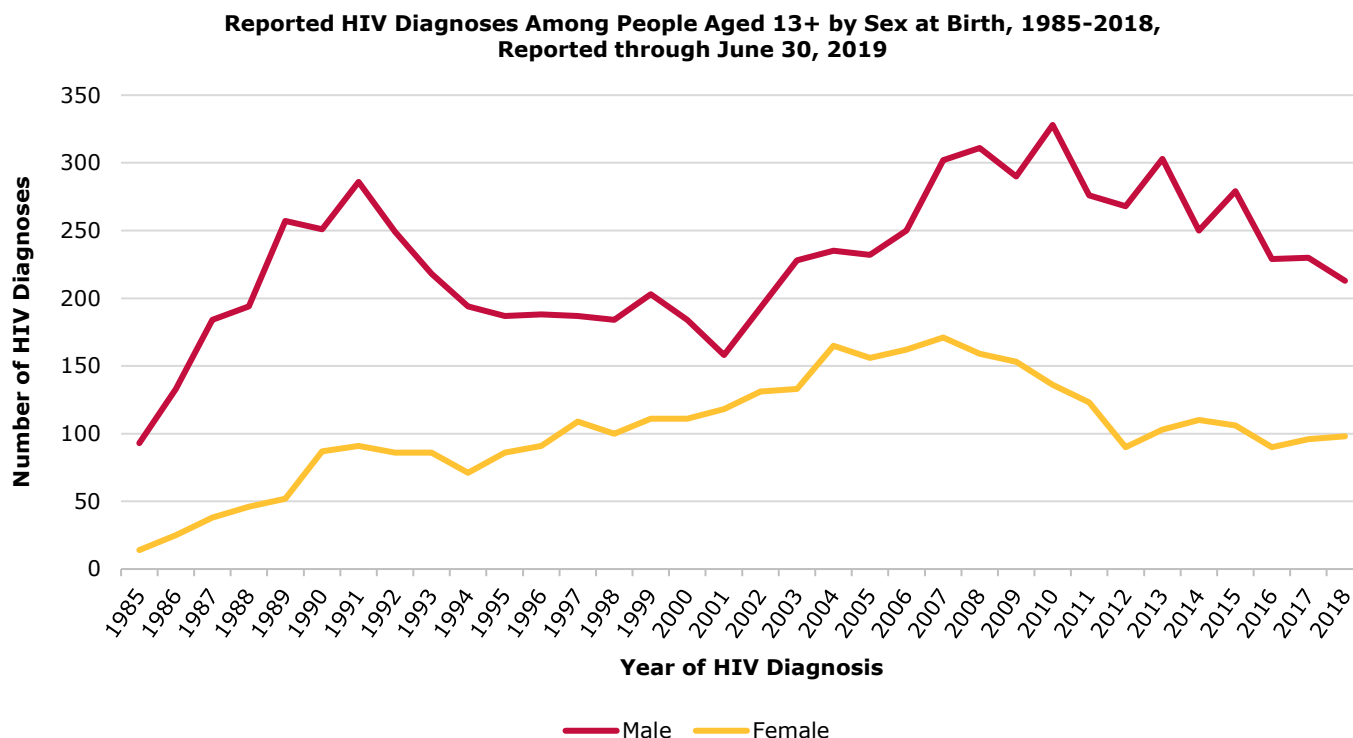
Year of HIV Diagnosis	Number	Reported HIV Diagnoses Among People Aged 13+				
		Sex at Birth				
		Male			Female	
		Number	Percent		Number	Percent
<1985	71	63	88.7%		8	11.3%
1985	107	93	86.9%		14	13.1%
1986	158	133	84.2%		25	15.8%
1987	222	184	82.9%		38	17.1%
1988	240	194	80.8%		46	19.2%
1989	309	257	83.2%		52	16.8%
1990	338	251	74.3%		87	25.7%
1991	377	286	75.9%		91	24.1%
1992	335	249	74.3%		86	25.7%
1993	304	218	71.7%		86	28.3%
1994	265	194	73.2%		71	26.8%
1995	273	187	68.5%		86	31.5%
1996	279	188	67.4%		91	32.6%
1997	296	187	63.2%		109	36.8%
1998	284	184	64.8%		100	35.2%
1999	314	203	64.6%		111	35.4%
2000	295	184	62.4%		111	37.6%
2001	276	158	57.2%		118	42.8%
2002	324	193	59.6%		131	40.4%
2003	361	228	63.2%		133	36.8%
2004	400	235	58.8%		165	41.3%
2005	388	232	59.8%		156	40.2%
2006	412	250	60.7%		162	39.3%
2007	473	302	63.8%		171	36.2%
2008	470	311	66.2%		159	33.8%
2009	443	290	65.5%		153	34.5%
2010	464	328	70.7%		136	29.3%
2011	399	276	69.2%		123	30.8%
2012	358	268	74.9%		90	25.1%
2013	406	303	74.6%		103	25.4%
2014	360	250	69.4%		110	30.6%
2015	385	279	72.5%		106	27.5%
2016	319	229	71.8%		90	28.2%
2017	326	230	70.6%		96	29.4%
2018	311	213	68.5%		98	31.5%
Total	11,342	7,830	69.0%		3,512	31.0%

Figure 5 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, by Race/Ethnicity, 1985-2018, Reported through June 30, 2019

Number and Percent by Race/Ethnicity of People Diagnosed with HIV, Age 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2018, as Reported through June 30, 2019

Reported HIV Diagnoses Among People Aged 13+ by Race/Ethnicity, 1985-2018, Reported through June 30, 2019

Reported HIV Diagnoses Among People Aged 13+ by Race/Ethnicity, 1985-2018, Reported through June 30, 2019
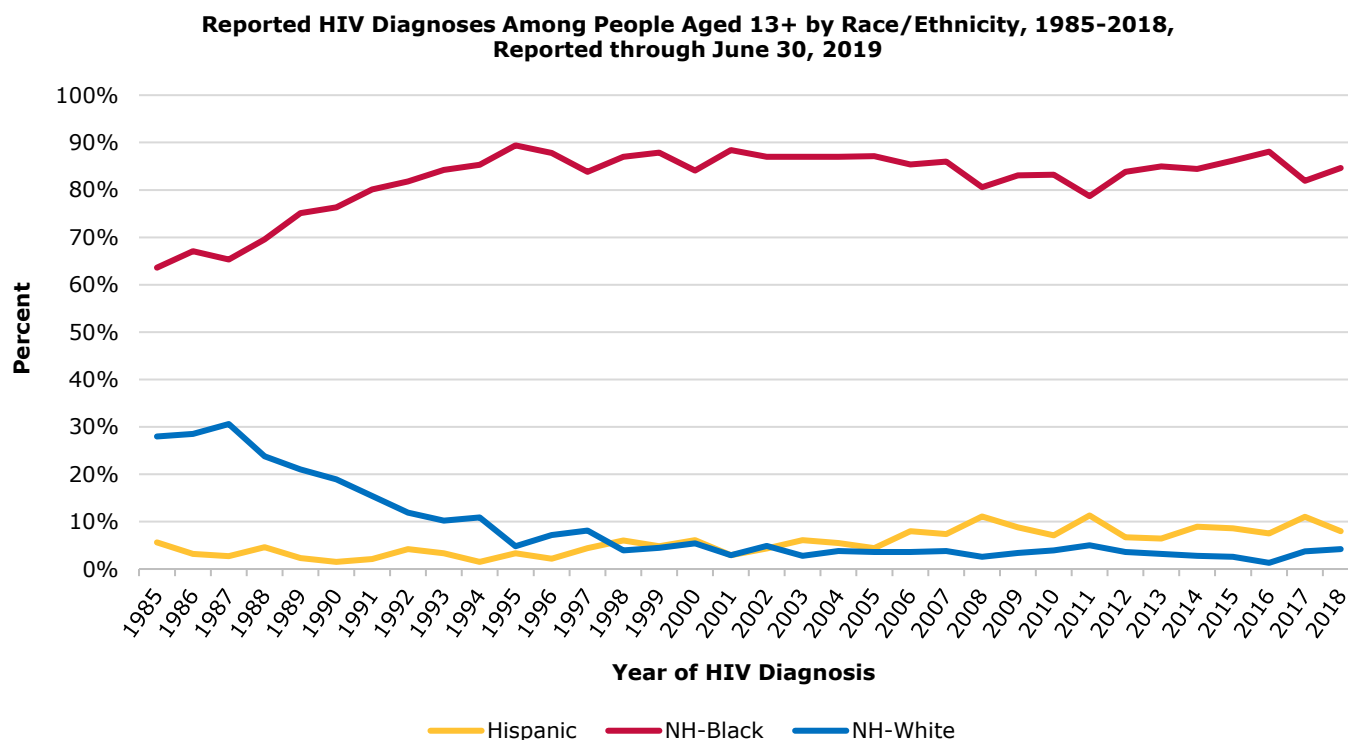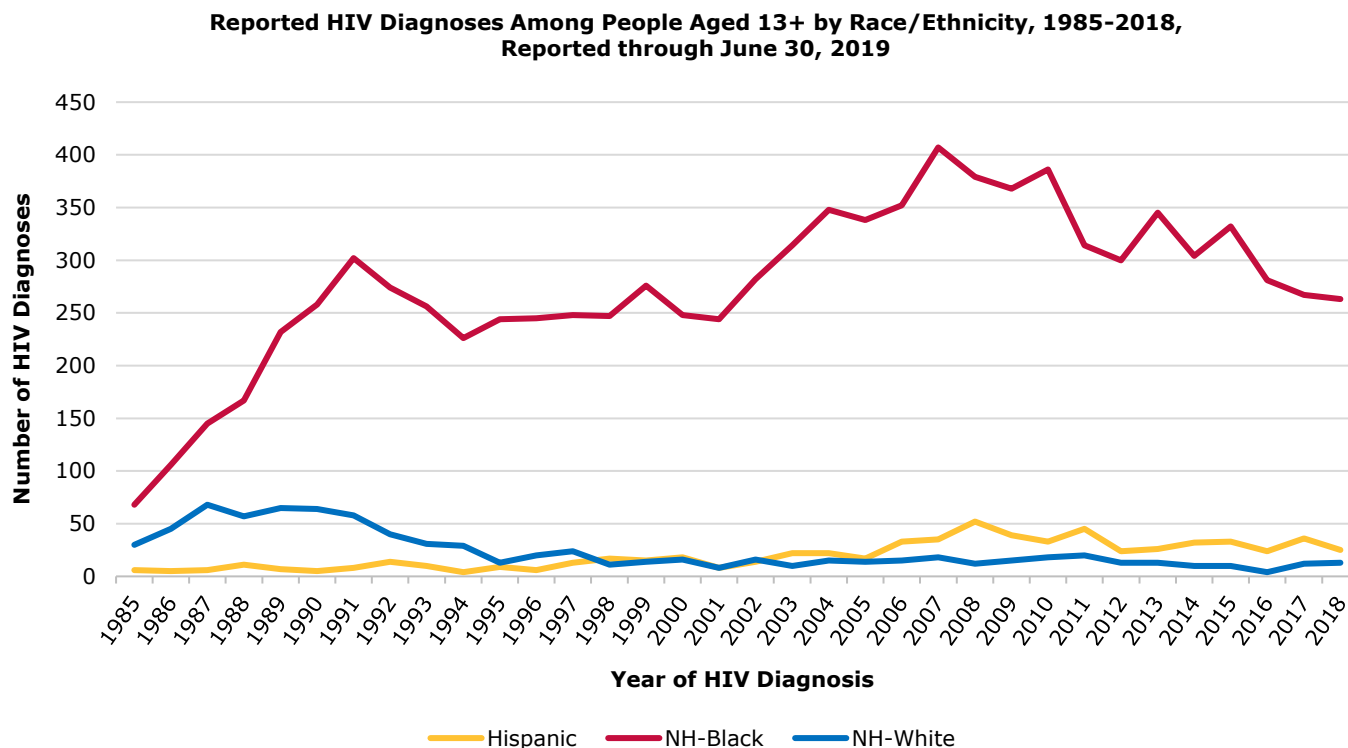
Non-Hispanic Other race not shown

Year of HIV Diagnosis	No.	Reported HIV Diagnoses Among People Aged 13+							
		Race/Ethnicity							
		Hispanic		Non-Hispanic Black, only		Non-Hispanic White, only		Non-Hispanic Other Race	
		No.	%	No.	%	No.	%	No.	%
<1985	71	2	2.8%	50	70.4%	16	22.5%	3	4.2%
1985	107	6	5.6%	68	63.6%	30	28.0%	3	2.8%
1986	158	5	3.2%	106	67.1%	45	28.5%	2	1.3%
1987	222	6	2.7%	145	65.3%	68	30.6%	3	1.4%
1988	240	11	4.6%	167	69.6%	57	23.8%	5	2.1%
1989	309	7	2.3%	232	75.1%	65	21.0%	5	1.6%
1990	338	5	1.5%	258	76.3%	64	18.9%	11	3.3%
1991	377	8	2.1%	302	80.1%	58	15.4%	9	2.4%
1992	335	14	4.2%	274	81.8%	40	11.9%	7	2.1%
1993	304	10	3.3%	256	84.2%	31	10.2%	7	2.3%
1994	265	4	1.5%	226	85.3%	29	10.9%	6	2.3%
1995	273	9	3.3%	244	89.4%	13	4.8%	7	2.6%
1996	279	6	2.2%	245	87.8%	20	7.2%	8	2.9%
1997	296	13	4.4%	248	83.8%	24	8.1%	11	3.7%
1998	284	17	6.0%	247	87.0%	11	3.9%	9	3.2%
1999	314	15	4.8%	276	87.9%	14	4.5%	9	2.9%
2000	295	18	6.1%	248	84.1%	16	5.4%	13	4.4%
2001	276	8	2.9%	244	88.4%	8	2.9%	16	5.8%
2002	324	14	4.3%	282	87.0%	16	4.9%	12	3.7%
2003	361	22	6.1%	314	87.0%	10	2.8%	15	4.2%
2004	400	22	5.5%	348	87.0%	15	3.8%	15	3.8%
2005	388	17	4.4%	338	87.1%	14	3.6%	19	4.9%
2006	412	33	8.0%	352	85.4%	15	3.6%	12	2.9%
2007	473	35	7.4%	407	86.0%	18	3.8%	13	2.7%
2008	470	52	11.1%	379	80.6%	12	2.6%	27	5.7%
2009	443	39	8.8%	368	83.1%	15	3.4%	21	4.7%
2010	464	33	7.1%	386	83.2%	18	3.9%	27	5.8%
2011	399	45	11.3%	314	78.7%	20	5.0%	20	5.0%
2012	358	24	6.7%	300	83.8%	13	3.6%	21	5.9%
2013	406	26	6.4%	345	85.0%	13	3.2%	22	5.4%
2014	360	32	8.9%	304	84.4%	10	2.8%	14	3.9%
2015	385	33	8.6%	332	86.2%	10	2.6%	10	2.6%
2016	319	24	7.5%	281	88.1%	4	1.3%	10	3.1%
2017	326	36	11.0%	267	81.9%	12	3.7%	11	3.4%
2018	311	25	8.0%	263	84.6%	13	4.2%	10	3.2%
Total	11,342	676	6.0%	9,416	83.0%	837	7.4%	413	3.6%

Figure 6 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, 1985-2018, Reported through June 30, 2019

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 2018, as Reported through June 30, 2019

Reported HIV Diagnoses Among People Aged 13+ by Age at Diagnosis, 1985-2018, Reported through June 30, 2019

Reported HIV Diagnoses Among People Aged 13+ by Age at Diagnosis, 1985-2018, Reported through June 30, 2019

Year of HIV Diagnosis	No.	13-19		20-29		30-39		40-49		50-59		60+	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<1985	71	8	11.3%	28	39.4%	21	29.6%	12	16.9%	1	1.4%	1	1.4%
1985	107	5	4.7%	34	31.8%	45	42.1%	12	11.2%	4	3.7%	7	6.5%
1986	158	5	3.2%	68	43.0%	53	33.5%	24	15.2%	5	3.2%	3	1.9%
1987	222	4	1.8%	94	42.3%	82	36.9%	26	11.7%	13	5.9%	3	1.4%
1988	240	3	1.3%	83	34.6%	98	40.8%	36	15.0%	14	5.8%	6	2.5%
1989	309	6	1.9%	105	34.0%	141	45.6%	40	12.9%	12	3.9%	5	1.6%
1990	338	3	0.9%	111	32.8%	140	41.4%	61	18.0%	16	4.7%	7	2.1%
1991	377	7	1.9%	131	34.7%	155	41.1%	67	17.8%	10	2.7%	7	1.9%
1992	335	9	2.7%	103	30.7%	137	40.9%	61	18.2%	18	5.4%	7	2.1%
1993	304	9	3.0%	70	23.0%	140	46.1%	61	20.1%	18	5.9%	6	2.0%
1994	265	4	1.5%	71	26.8%	109	41.1%	61	23.0%	17	6.4%	3	1.1%
1995	273	10	3.7%	58	21.2%	102	37.4%	77	28.2%	18	6.6%	8	2.9%
1996	279	11	3.9%	56	20.1%	135	48.4%	50	17.9%	19	6.8%	8	2.9%
1997	296	2	0.7%	69	23.3%	113	38.2%	72	24.3%	27	9.1%	13	4.4%
1998	284	9	3.2%	63	22.2%	127	44.7%	57	20.1%	21	7.4%	7	2.5%
1999	314	7	2.2%	59	18.8%	143	45.5%	65	20.7%	29	9.2%	11	3.5%
2000	295	10	3.4%	61	20.7%	119	40.3%	56	19.0%	34	11.5%	15	5.1%
2001	276	11	4.0%	53	19.2%	98	35.5%	71	25.7%	31	11.2%	12	4.3%
2002	324	5	1.5%	70	21.6%	124	38.3%	89	27.5%	29	9.0%	7	2.2%
2003	361	7	1.9%	72	19.9%	136	37.7%	85	23.5%	44	12.2%	17	4.7%
2004	400	11	2.8%	101	25.3%	128	32.0%	102	25.5%	44	11.0%	14	3.5%
2005	388	11	2.8%	89	22.9%	122	31.4%	110	28.4%	39	10.1%	17	4.4%
2006	412	19	4.6%	105	25.5%	112	27.2%	112	27.2%	46	11.2%	18	4.4%
2007	473	34	7.2%	125	26.4%	121	25.6%	112	23.7%	63	13.3%	18	3.8%
2008	470	29	6.2%	135	28.7%	120	25.5%	112	23.8%	48	10.2%	26	5.5%
2009	443	38	8.6%	119	26.9%	110	24.8%	106	23.9%	57	12.9%	13	2.9%
2010	464	16	3.4%	151	32.5%	119	25.6%	100	21.6%	59	12.7%	19	4.1%
2011	399	18	4.5%	138	34.6%	92	23.1%	94	23.6%	42	10.5%	15	3.8%
2012	358	26	7.3%	114	31.8%	82	22.9%	79	22.1%	37	10.3%	20	5.6%
2013	406	21	5.2%	150	36.9%	91	22.4%	87	21.4%	38	9.4%	19	4.7%
2014	360	17	4.7%	120	33.3%	93	25.8%	78	21.7%	40	11.1%	12	3.3%
2015	385	18	4.7%	147	38.2%	96	24.9%	74	19.2%	41	10.6%	9	2.3%
2016	319	15	4.7%	114	35.7%	90	28.2%	59	18.5%	29	9.1%	12	3.8%
2017	326	17	5.2%	113	34.7%	96	29.4%	56	17.2%	29	8.9%	15	4.6%
2018	311	20	6.4%	108	34.7%	80	25.7%	47	15.1%	42	13.5%	14	4.5%
Total	11,342	445	3.9%	3,288	29.0%	3,770	33.2%	2,411	21.3%	1,034	9.1%	394	3.5%

Figure 7 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, by Estimated Exposure Category, 1985-2018, Reported through June 30, 2019

Number and Percent by Estimated Exposure Category§ of People Diagnosed with HIV, Age 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2018, as Reported through June 30, 2019

Reported HIV Diagnoses Among People 13+ by Estimated Exposure Category, 1985-2018, Reported through June 30, 2019

Reported HIV Diagnoses Among People Aged 13+ by Estimated Exposure Category, 1985-2018, Reported through June 30, 2019
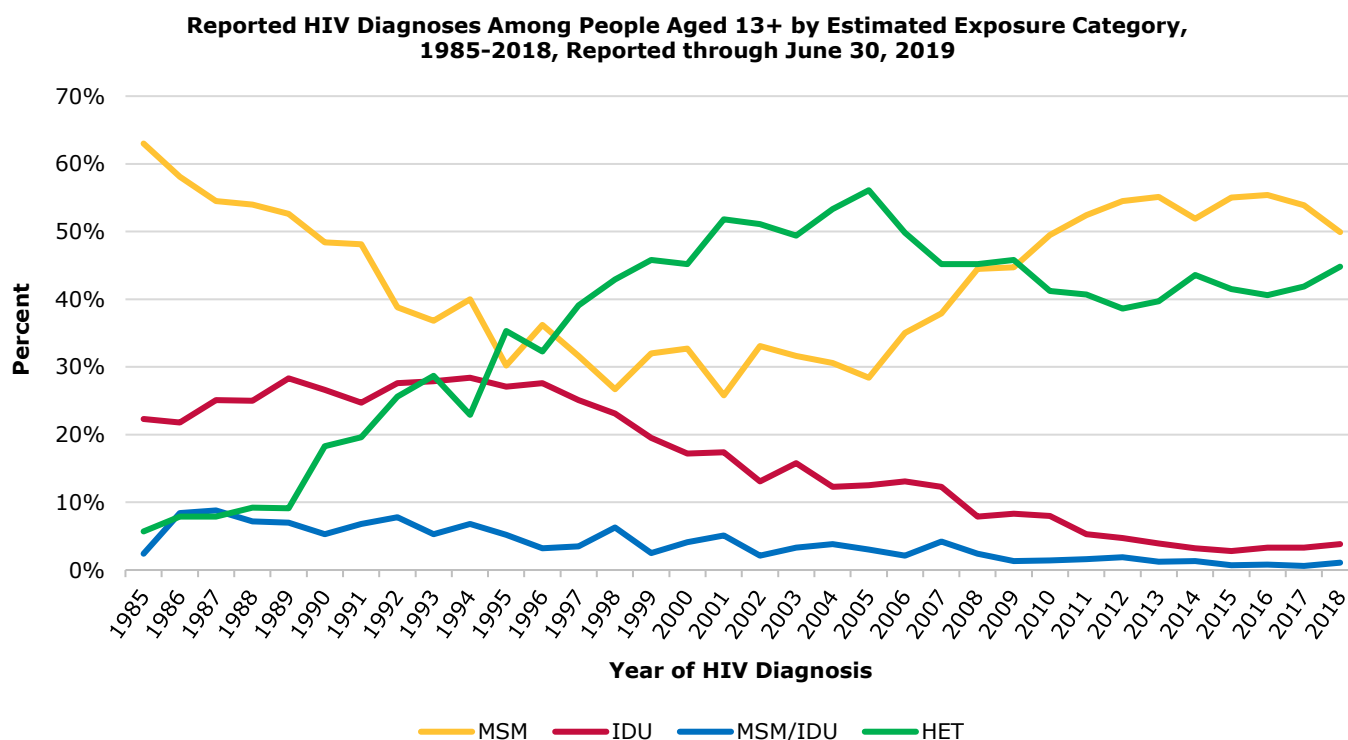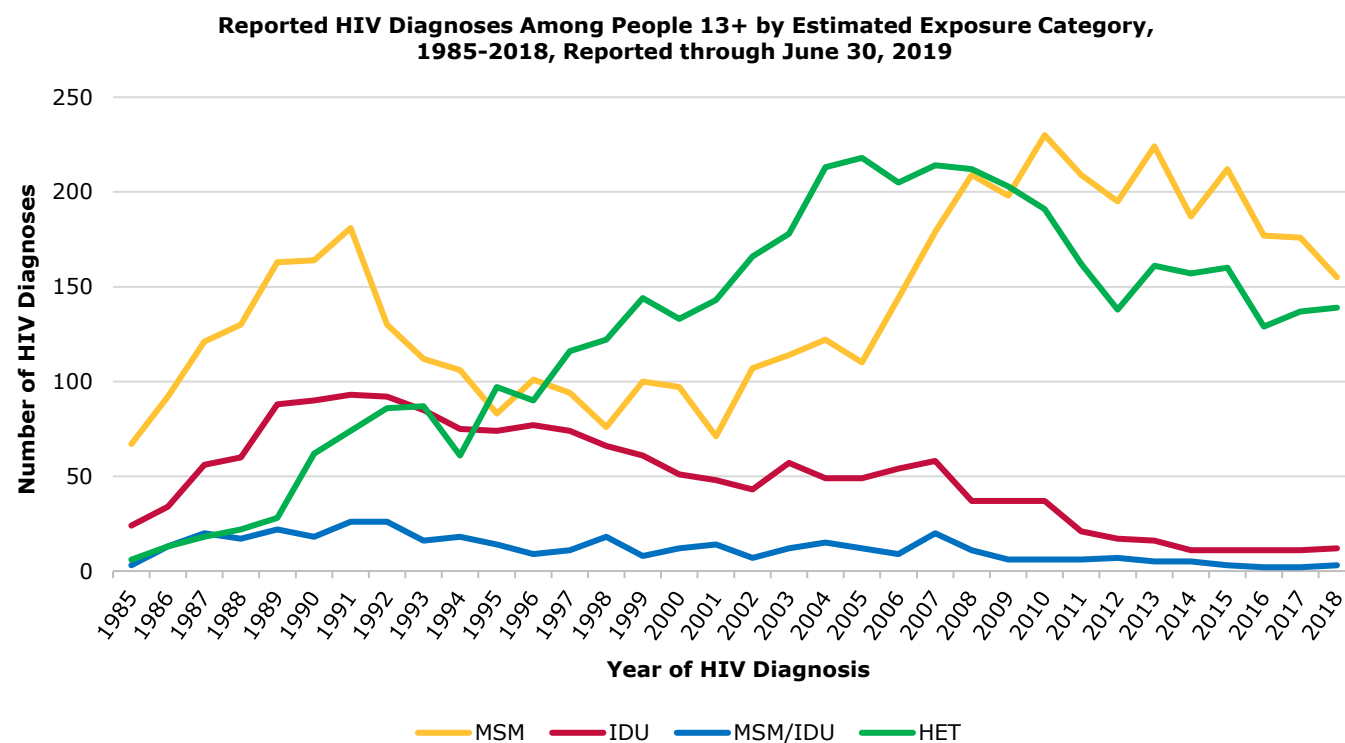
Other exposure category not shown
§ Multiple imputation was used to estimate and adjust for missing exposure category.

Year of HIV Diagnosis	No.	% with No Reported Exposure¥	Reported HIV Diagnoses Among People Aged 13+									
			Estimated Exposure Category§									
			MSM		IDU		MSM/IDU		HET		Other Exposure	
			No.	%	No.	%	No.	%	No.	%	No.	%
<1985	71	11.3%	47	66.1%	12	17.2%	5	6.3%	5	7.6%	2	2.8%
1985	107	8.4%	67	63.0%	24	22.3%	3	2.4%	6	5.7%	7	6.5%
1986	158	3.8%	92	58.1%	34	21.8%	13	8.4%	13	7.9%	6	3.8%
1987	222	2.7%	121	54.5%	56	25.1%	20	8.8%	18	7.9%	8	3.6%
1988	240	2.5%	130	54.0%	60	25.0%	17	7.2%	22	9.2%	11	4.6%
1989	309	6.5%	163	52.6%	88	28.3%	22	7.0%	28	9.1%	9	2.9%
1990	338	4.1%	164	48.4%	90	26.6%	18	5.3%	62	18.3%	5	1.5%
1991	377	5.3%	181	48.1%	93	24.7%	26	6.8%	74	19.6%	3	0.8%
1992	335	9.9%	130	38.8%	92	27.6%	26	7.8%	86	25.6%	1	0.3%
1993	304	8.6%	112	36.8%	85	27.9%	16	5.3%	87	28.7%	4	1.3%
1994	265	7.5%	106	40.0%	75	28.4%	18	6.8%	61	22.9%	5	1.9%
1995	273	12.5%	83	30.2%	74	27.1%	14	5.2%	97	35.3%	6	2.2%
1996	279	16.5%	101	36.2%	77	27.6%	9	3.2%	90	32.3%	2	0.7%
1997	296	16.2%	94	31.6%	74	25.1%	11	3.5%	116	39.1%	2	0.7%
1998	284	21.1%	76	26.7%	66	23.1%	18	6.3%	122	42.9%	3	1.1%
1999	314	16.2%	100	32.0%	61	19.5%	8	2.5%	144	45.8%	1	0.3%
2000	295	19.3%	97	32.7%	51	17.2%	12	4.1%	133	45.2%	2	0.7%
2001	276	16.3%	71	25.8%	48	17.4%	14	5.1%	143	51.8%	0	0.0%
2002	324	12.3%	107	33.1%	43	13.1%	7	2.1%	166	51.1%	2	0.6%
2003	361	13.9%	114	31.6%	57	15.8%	12	3.3%	178	49.4%	0	0.0%
2004	400	20.0%	122	30.6%	49	12.3%	15	3.8%	213	53.3%	0	0.0%
2005	388	24.5%	110	28.4%	49	12.5%	12	3.0%	218	56.1%	0	0.0%
2006	412	28.4%	144	35.0%	54	13.1%	9	2.1%	205	49.8%	0	0.0%
2007	473	28.3%	179	37.9%	58	12.3%	20	4.2%	214	45.2%	2	0.4%
2008	470	34.7%	209	44.5%	37	7.9%	11	2.4%	212	45.2%	0	0.0%
2009	443	39.1%	198	44.7%	37	8.3%	6	1.3%	203	45.8%	0	0.0%
2010	464	36.6%	230	49.5%	37	8.0%	6	1.4%	191	41.2%	0	0.0%
2011	399	37.6%	209	52.4%	21	5.3%	6	1.6%	162	40.7%	0	0.0%
2012	358	28.8%	195	54.5%	17	4.7%	7	1.9%	138	38.6%	1	0.3%
2013	406	24.4%	224	55.1%	16	3.9%	5	1.2%	161	39.7%	0	0.0%
2014	360	23.1%	187	51.9%	11	3.2%	5	1.3%	157	43.6%	0	0.0%
2015	385	16.1%	212	55.0%	11	2.8%	3	0.7%	160	41.5%	0	0.0%
2016	319	18.8%	177	55.4%	11	3.3%	2	0.8%	129	40.6%	0	0.0%
2017	326	21.2%	176	53.9%	11	3.3%	2	0.6%	137	41.9%	1	0.3%
2018	311	27.0%	155	49.9%	12	3.8%	3	1.1%	139	44.8%	1	0.3%
Total	11,342	19.8%	4,883	43.1%	1,691	14.9%	401	3.5%	4,290	37.8%	84	0.7%

§ 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.[1] utilize a continuum of care "cascade" to illustrate estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care.

Figure 8 – Prevalence-Based Estimated 2018 HIV Continuum of Care Cascades, Among Current Prince George's County Residents Aged 13+, Reported through June 30, 2019

The prevalence-based Prince George's 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, 2019, to estimate the number of people living with undiagnosed HIV (11.6 percent) and the estimated number of people living with HIV currently residing in Prince George's County. Maryland surveillance data is then used to describe the number and percentage of persons living with HIV in Prince George's County on December 31, 2018 and the number and percentage of new HIV diagnoses in 2018 who belong to each of the stages of engagement in HIV care.

Prevalence-Based Estimated HIV Continuum of Care Among People Aged 13+, 2018
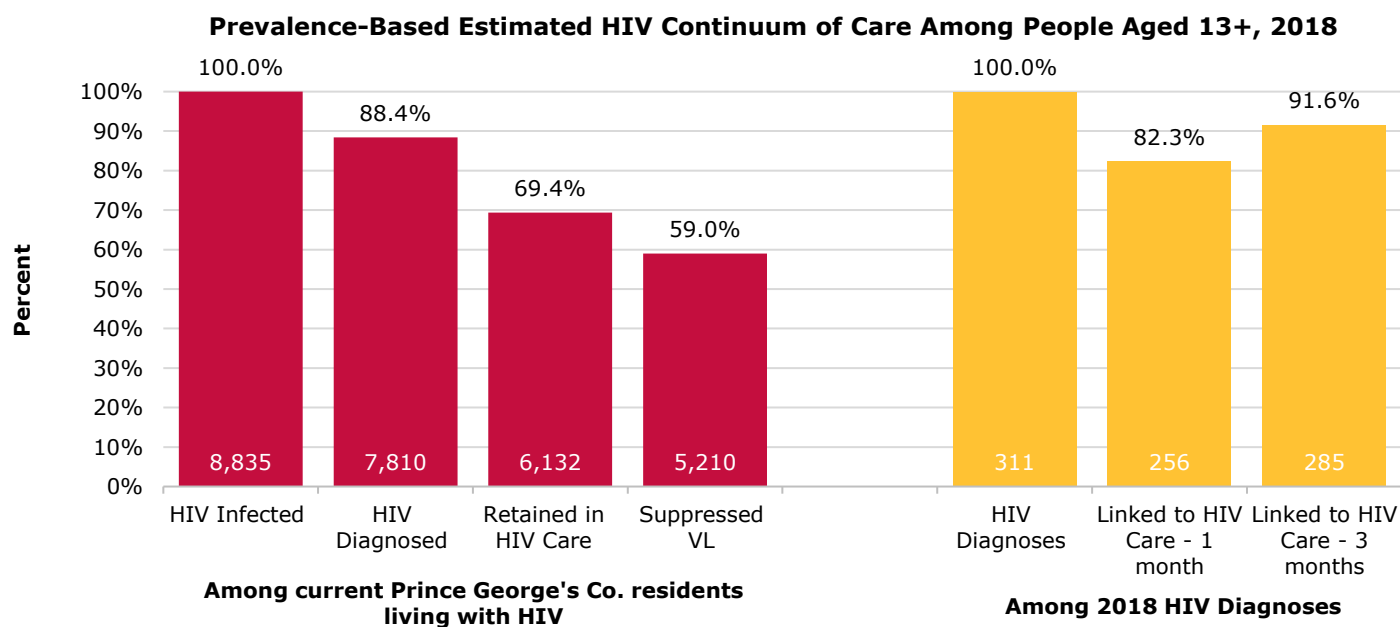
Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2018 HIV Diagnoses	
	Number	Percent		Number	Percent
HIV Infected	8,835	100.0%	New HIV Diagnoses	311	100.0%
HIV Diagnosed	7,810	88.4%	Linked to HIV Care – 1 Month	256	82.3%
Retained in HIV Care	6,132	69.4%	Linked to HIV Care – 3 Months	285	91.6%
Suppressed VL	5,210	59.0%			

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

[2] Centers for Disease Control and Prevention. Estimated HIV incidence and prevalence in the United States, 2010–2015. HIV Surveillance Supplemental Report 2018;23(No. 1). http://www.cdc.gov/hiv/library/reports/hiv-surveillance.html. Published March 2018.

Figure 9 – Diagnosis-Based Estimated 2018 HIV Continuum of Care Cascades, Among Current Prince George's County Residents Aged 13+, Reported through June 30, 2019

The diagnosis-based Prince George's County Engagement in HIV Care Cascade (below) uses Maryland surveillance data for current Prince George's County residents to describe the number and percentage of persons living with diagnosed HIV in Prince George's County on December 31, 2018 and the number and percentage of new HIV diagnoses in 2018 who belong to each of the stages of engagement in HIV care.

Diagnosis-Based Estimated HIV Continuum of Care Among People Aged 13+, 2018
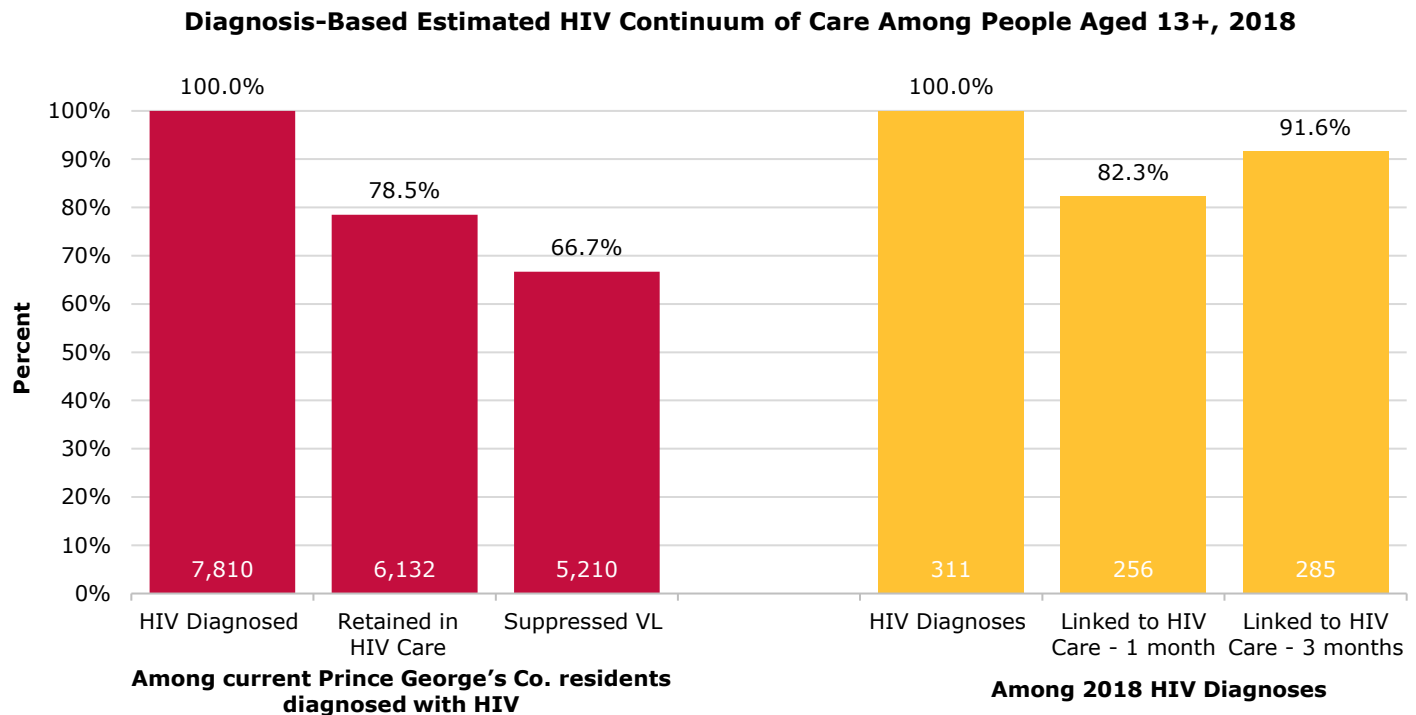
Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2018 HIV Diagnoses	
	Number	**Percent**		**Number**	**Percent**
HIV Diagnosed	7,810	100.0%	New HIV Diagnoses	311	100.0%
Retained in HIV Care	6,132	78.5%	Linked to HIV Care – 1 Month	256	82.3%
Suppressed VL	5,210	66.7%	Linked to HIV Care – 3 Months	285	91.6%

Section IV –Reported HIV Diagnoses, Among People Aged 13+, by Jurisdiction

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

Jurisdiction of Residence at HIV Diagnosis	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 mo.	% 3 mo.	%	% with Test	Median Count
20601	265	0	0.0%	0.0	--	--	--	--	--
20607	8,644	4	1.3%	46.3	***	***	***	***	***
20608	847	0	0.0%	0.0	--	--	--	--	--
20613	9,090	2	0.6%	22.0	***	***	***	***	***
20623	2,454	1	0.3%	40.7	***	***	***	***	***
20705	22,661	4	1.3%	17.7	***	***	***	***	***
20706	33,076	17	5.5%	51.4	82.4%	88.2%	35.3%	94.1%	255
20707	27,533	11	3.5%	40.0	72.7%	90.9%	***	100.0%	314
20708	21,754	8	2.6%	36.8	75.0%	87.5%	***	87.5%	342
20710	7,879	4	1.3%	50.8	***	***	***	***	***
20712	7,905	1	0.3%	12.7	***	***	***	***	***
20715	23,757	7	2.3%	29.5	100.0%	100.0%	***	100.0%	564
20716	18,126	3	1.0%	16.6	***	***	***	***	***
20720	18,227	8	2.6%	43.9	100.0%	100.0%	***	87.5%	371
20721	23,903	6	1.9%	25.1	83.3%	83.3%	***	100.0%	283
20722	4,961	1	0.3%	20.2	***	***	***	***	***
20735	31,759	9	2.9%	28.3	77.8%	88.9%	***	88.9%	403
20737	17,128	11	3.5%	64.2	81.8%	90.9%	***	100.0%	301
20740	27,892	4	1.3%	14.3	***	***	***	***	***
20742	8,277	1	0.3%	12.1	***	***	***	***	***
20743	33,760	16	5.1%	47.4	75.0%	93.8%	***	100.0%	413
20744	45,659	19	6.1%	41.6	63.2%	78.9%	***	73.7%	361
20745	25,086	15	4.8%	59.8	93.3%	100.0%	***	93.3%	421
20746	25,069	14	4.5%	55.8	100.0%	100.0%	***	92.9%	296
20747	34,812	14	4.5%	40.2	71.4%	78.6%	42.9%	92.9%	185
20748	34,856	18	5.8%	51.6	83.3%	88.9%	***	94.4%	434
20762	2,154	0	0.0%	0.0	--	--	--	--	--
20769	5,760	1	0.3%	17.4	***	***	***	***	***
20770	22,177	10	3.2%	45.1	100.0%	100.0%	0.0%	100.0%	545
20772	37,655	17	5.5%	45.1	76.5%	88.2%	***	100.0%	505
20774	38,273	13	4.2%	34.0	92.3%	100.0%	***	100.0%	444
20781	9,927	3	1.0%	30.2	***	***	***	***	***
20782	27,011	8	2.6%	29.6	75.0%	75.0%	***	87.5%	412
20783	39,108	13	4.2%	33.2	92.3%	100.0%	***	100.0%	299
20784	24,957	16	5.1%	64.1	87.5%	100.0%	***	100.0%	365
20785	30,007	24	7.7%	80.0	79.2%	91.7%	***	95.8%	447
20903	4,591	2	0.6%	43.6	***	***	***	***	***
20904	275	0	0.0%	0.0	--	--	--	--	--
20912	2,999	4	1.3%	133.4	***	***	***	***	***
Unknown	--	2	0.6%	--	100.0%	100.0%	100.0%	100.0%	67
Total	**760,274**	**311**	**100.0%**	**40.9**	**82.3%**	**91.6%**	**21.5%**	**94.5%**	**384**

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

Table 2 – Reported AIDS Diagnoses, Among People Aged 13+ During 2018, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction of Residence at AIDS Diagnosis, Reported through June 30, 2019

| Jurisdiction of Residence at AIDS Diagnosis | Population Age 13+ | Reported AIDS Diagnoses Among People Aged 13+ | | | | |
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
20601	265	0	0.0%	0.0	--	--
20607	8,644	1	0.7%	11.6	***	***
20608	847	0	0.0%	0.0	--	--
20613	9,090	1	0.7%	11.0	***	***
20623	2,454	0	0.0%	0.0	--	--
20705	22,661	2	1.4%	8.8	***	***
20706	33,076	9	6.3%	27.2	2.5	66.7%
20707	27,533	3	2.1%	10.9	***	***
20708	21,754	3	2.1%	13.8	***	***
20710	7,879	3	2.1%	38.1	***	***
20712	7,905	1	0.7%	12.7	***	***
20715	23,757	3	2.1%	12.6	***	***
20716	18,126	1	0.7%	5.5	***	***
20720	18,227	3	2.1%	16.5	***	***
20721	23,903	2	1.4%	8.4	***	***
20722	4,961	0	0.0%	0.0	--	--
20735	31,759	5	3.5%	15.7	7.5	40.0%
20737	17,128	2	1.4%	11.7	***	***
20740	27,892	1	0.7%	3.6	***	***
20742	8,277	0	0.0%	0.0	--	--
20743	33,760	12	8.5%	35.5	4.5	33.3%
20744	45,659	8	5.6%	17.5	9.1	25.0%
20745	25,086	9	6.3%	35.9	6.6	22.2%
20746	25,069	9	6.3%	35.9	5.2	33.3%
20747	34,812	8	5.6%	23.0	3.1	75.0%
20748	34,856	9	6.3%	25.8	3.2	22.2%
20762	2,154	0	0.0%	0.0	--	--
20769	5,760	0	0.0%	0.0	--	--
20770	22,177	2	1.4%	9.0	***	***
20772	37,655	5	3.5%	13.3	0.2	60.0%
20774	38,273	8	5.6%	20.9	4.1	50.0%
20781	9,927	3	2.1%	30.2	***	***
20782	27,011	3	2.1%	11.1	***	***
20783	39,108	5	3.5%	12.8	2.7	80.0%
20784	24,957	7	4.9%	28.0	4.0	42.9%
20785	30,007	10	7.0%	33.3	5.7	40.0%
20903	4,591	0	0.0%	0.0	--	--
20904	275	0	0.0%	0.0	--	--
20912	2,999	2	1.4%	66.7	***	***
Unknown	--	2	1.4%	--	0.0	100.0%
Total	760,274	142	100.0	18.7	4.2	47.2%

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

Table 3 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Jurisdiction of Residence at Diagnosis and Current Residence, Reported through June 30, 2019

Jurisdiction of Residence	Population Age 13+	Total People Aged 13+ Living with Diagnosed HIV								% Change
		Residence at Diagnosis				Current Residence				
		No.	% of Total	Rate	Ratio (1 in X)	No.	% of Total	Rate	Ratio (1 in X)	
20601	265	***	***	***	***	***	***	***	***	***
20607	8,644	39	0.5%	451.2	222	72	0.9%	833.0	120	84.6%
20608	847	***	***	***	***	***	***	***	***	***
20613	9,090	44	0.6%	484.0	207	68	0.9%	748.1	134	54.5%
20623	2,454	15	0.2%	611.2	164	17	0.2%	692.7	144	13.3%
20705	22,661	131	1.7%	578.1	173	170	2.2%	750.2	133	29.8%
20706	33,076	355	4.7%	1,073.3	93	340	4.4%	1,027.9	97	-4.2%
20707	27,533	151	2.0%	548.4	182	191	2.4%	693.7	144	26.5%
20708	21,754	186	2.4%	855.0	117	191	2.4%	878.0	114	2.7%
20710	7,879	100	1.3%	1,269.3	79	92	1.2%	1,167.7	86	-8.0%
20712	7,905	130	1.7%	1,644.5	61	91	1.2%	1,151.2	87	-30.0%
20715	23,757	68	0.9%	286.2	349	68	0.9%	286.2	349	0.0%
20716	18,126	106	1.4%	584.8	171	112	1.4%	617.9	162	5.7%
20720	18,227	91	1.2%	499.3	200	118	1.5%	647.4	154	29.7%
20721	23,903	166	2.2%	694.5	144	180	2.3%	753.1	133	8.4%
20722	4,961	49	0.6%	987.7	101	53	0.7%	1,068.3	94	8.2%
20735	31,759	253	3.3%	796.6	126	327	4.2%	1,029.6	97	29.2%
20737	17,128	176	2.3%	1,027.6	97	155	2.0%	905.0	111	-11.9%
20740	27,892	110	1.4%	394.4	254	118	1.5%	423.1	236	7.3%
20742	8,277	7	0.1%	84.6	1,182	1	0.0%	12.1	8,277	-85.7%
20743	33,760	610	8.0%	1,806.9	55	577	7.4%	1,709.1	59	-5.4%
20744	45,659	374	4.9%	819.1	122	379	4.9%	830.1	120	1.3%
20745	25,086	369	4.9%	1,471.0	68	322	4.1%	1,283.6	78	-12.7%
20746	25,069	408	5.4%	1,627.5	61	475	6.1%	1,894.8	53	16.4%
20747	34,812	517	6.8%	1,485.1	67	570	7.3%	1,637.4	61	10.3%
20748	34,856	457	6.0%	1,311.1	76	459	5.9%	1,316.8	76	0.4%
20762	2,154	3	0.0%	139.3	718	0	0.0%	0.0	--	-100.0%
20769	5,760	20	0.3%	347.2	288	33	0.4%	572.9	175	65.0%
20770	22,177	236	3.1%	1,064.2	94	242	3.1%	1,091.2	92	2.5%
20772	37,655	266	3.5%	706.4	142	334	4.3%	887.0	113	25.6%
20774	38,273	343	4.5%	896.2	112	479	6.1%	1,251.5	80	39.7%
20781	9,927	89	1.2%	896.6	112	101	1.3%	1,017.5	98	13.5%
20782	27,011	331	4.4%	1,225.4	82	304	3.9%	1,125.5	89	-8.2%
20783	39,108	333	4.4%	851.5	117	259	3.3%	662.3	151	-22.2%
20784	24,957	342	4.5%	1,370.3	73	287	3.7%	1,150.0	87	-16.1%
20785	30,007	555	7.3%	1,849.6	54	503	6.4%	1,676.3	60	-9.4%
20903	4,591	37	0.5%	805.9	124	31	0.4%	675.2	148	-16.2%
20904	275	0	0.0%	0.0	--	***	***	***	***	***
20912	2,999	55	0.7%	1,834.0	55	35	0.4%	1,167.1	86	-36.4%
Unknown	--	68	0.9%	--	--	50	0.6%	--	--	--
Total	760,274	7,594	100.0%	998.8	100	7,810	100.0%	1,027.3	97	2.8%

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

Table 4 – CD4 Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Jurisdiction of Current Residence, Reported through June 30, 2019

Jurisdiction of Current Residence	Total 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+
20601	***	***	***	***	***	***	***	***
20607	72	63	87.5%	683	3.2%	6.3%	12.7%	77.8%
20608	***	***	***	***	***	***	***	***
20613	68	52	76.5%	737	9.6%	9.6%	13.5%	67.3%
20623	17	12	70.6%	660	8.3%	16.7%	0.0%	75.0%
20705	170	120	70.6%	604	4.2%	10.8%	18.3%	66.7%
20706	340	260	76.5%	617	8.1%	14.6%	13.1%	64.2%
20707	191	147	77.0%	656	8.8%	10.2%	17.7%	63.3%
20708	191	142	74.3%	637	6.3%	8.5%	16.2%	69.0%
20710	92	75	81.5%	550	9.3%	10.7%	24.0%	56.0%
20712	91	60	65.9%	590	13.3%	10.0%	11.7%	65.0%
20715	68	55	80.9%	632	5.5%	10.9%	18.2%	65.5%
20716	112	89	79.5%	617	9.0%	11.2%	18.0%	61.8%
20720	118	96	81.4%	624	7.3%	11.5%	19.8%	61.5%
20721	180	134	74.4%	638	8.2%	8.2%	17.9%	65.7%
20722	53	40	75.5%	704	5.0%	7.5%	17.5%	70.0%
20735	327	261	79.8%	577	10.7%	12.6%	14.2%	62.5%
20737	155	118	76.1%	590	6.8%	12.7%	22.9%	57.6%
20740	118	90	76.3%	580	2.2%	7.8%	25.6%	64.4%
20742	1	***	***	***	***	***	***	***
20743	577	451	78.2%	583	7.5%	12.0%	19.1%	61.4%
20744	379	289	76.3%	602	10.4%	13.1%	15.9%	60.6%
20745	322	245	76.1%	581	7.8%	13.5%	17.6%	61.2%
20746	475	354	74.5%	599	8.5%	10.5%	16.9%	64.1%
20747	570	450	78.9%	596	8.9%	11.6%	20.4%	59.1%
20748	459	350	76.3%	650	7.7%	9.1%	19.1%	64.0%
20762	0	--	--	--	--	--	--	--
20769	33	30	90.9%	685	6.7%	3.3%	20.0%	70.0%
20770	242	180	74.4%	611	9.4%	11.7%	15.0%	63.9%
20772	334	275	82.3%	654	6.2%	9.5%	14.5%	69.8%
20774	479	381	79.5%	630	5.8%	9.4%	18.6%	66.1%
20781	101	68	67.3%	627	7.4%	4.4%	23.5%	64.7%
20782	304	226	74.3%	587	10.6%	11.5%	15.9%	61.9%
20783	259	190	73.4%	533	7.9%	16.8%	20.5%	54.7%
20784	287	208	72.5%	572	7.2%	14.9%	20.7%	57.2%
20785	503	390	77.5%	628	10.8%	11.0%	14.1%	64.1%
20903	31	22	71.0%	562	13.6%	18.2%	13.6%	54.5%
20904	***	***	***	***	***	***	***	***
20912	35	29	82.9%	520	17.2%	13.8%	13.8%	55.2%
Unknown	47	36	76.6%	725	5.6%	8.3%	11.1%	75.0%
Total	7,810	5,995	76.8%	608	8.2%	11.3%	17.5%	63.1%

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

Table 5 – Viral Load Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Jurisdiction of Current Residence, Reported through June 30, 2019

Jurisdiction of Current Residence	No.	Total People Aged 13+ Living with Diagnosed HIV			
		Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
20601	***	***	***	***	***
20607	72	63	87.5%	85.7%	42,700
20608	***	***	***	***	***
20613	68	55	80.9%	92.7%	10,510
20623	17	12	70.6%	100.0%	--
20705	170	120	70.6%	92.5%	4,936
20706	340	258	75.9%	84.5%	5,045
20707	191	145	75.9%	88.3%	81,859
20708	191	138	72.3%	89.9%	7,145
20710	92	76	82.6%	82.9%	11,000
20712	91	59	64.8%	79.7%	27,961
20715	68	53	77.9%	84.9%	1,525
20716	112	87	77.7%	95.4%	36,800
20720	118	99	83.9%	87.9%	47,350
20721	180	135	75.0%	89.6%	17,302
20722	53	41	77.4%	97.6%	37,461
20735	327	259	79.2%	83.4%	19,900
20737	155	116	74.8%	85.3%	17,000
20740	118	91	77.1%	93.4%	77,600
20742	1	***	***	***	***
20743	577	458	79.4%	88.2%	9,855
20744	379	289	76.3%	85.1%	10,100
20745	322	247	76.7%	85.0%	6,150
20746	475	352	74.1%	86.1%	19,500
20747	570	456	80.0%	85.3%	9,318
20748	459	354	77.1%	86.4%	10,065
20762	0	--	--	--	--
20769	33	30	90.9%	93.3%	84,190
20770	242	182	75.2%	83.0%	6,820
20772	334	270	80.8%	90.4%	34,150
20774	479	383	80.0%	87.2%	12,700
20781	101	67	66.3%	88.1%	17,250
20782	304	222	73.0%	87.4%	24,921
20783	259	190	73.4%	87.9%	12,387
20784	287	207	72.1%	84.5%	5,590
20785	503	388	77.1%	86.9%	8,710
20903	31	22	71.0%	77.3%	14,900
20904	***	***	***	***	***
20912	35	28	80.0%	78.6%	16,700
Unknown	47	36	76.6%	91.7%	51,100
Total	7,810	5,995	76.8%	86.9%	12,600

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

Section V – People Living with Diagnosed HIV by Age

Table 6 – Reported HIV Diagnoses During 2018, Linked to Care, Late Diagnosis, and First CD4 Test Result by Age at HIV Diagnosis, Reported through June 30, 2019

| Age at HIV Diagnosis | Population | Reported HIV Diagnoses | | | | | Late HIV Diagnoses | First CD4 Test Result | |
| | | No. | % of Total | Rate | Linked to Care | | | | |
					% 1 mo.	% 3 mo.	%	% with Test	Median Count
<5 (Pediatric)	59,457	0	0.0%	0.0	--	--	--	--	--
5-12 (Pediatric)	89,577	0	0.0%	0.0	--	--	--	--	--
13-19	79,878	20	6.4%	25.0	70.0%	95.0%	***	90.0%	445
20-29	129,463	108	34.7%	83.4	82.4%	93.5%	12.0%	96.3%	432
30-39	128,877	80	25.7%	62.1	86.3%	91.3%	28.8%	92.5%	337
40-49	119,485	47	15.1%	39.3	89.4%	93.6%	31.9%	97.9%	292
50-59	127,874	42	13.5%	32.8	71.4%	81.0%	23.8%	92.9%	336
60+	174,697	14	4.5%	8.0	85.7%	100.0%	***	92.9%	354
Total	909,308	311	100.0%	34.2	82.3%	91.6%	21.5%	94.5%	384

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

Table 7 – People Living with Diagnosed HIV, Alive on December 31, 2018, by Age on December 31, 2018, Reported through June 30, 2019

| Age on December 31, 2018 | Population | Total People Living with Diagnosed HIV | | | |
		No.	% of Total	Rate	Ratio (1 in X)
<5 (Pediatric)	59,457	1	0.0%	1.7	59,457
5-12 (Pediatric)	89,577	14	0.2%	15.6	6,398
13-19	79,878	60	0.8%	75.1	1,331
20-29	129,463	917	11.7%	708.3	141
30-39	128,877	1,789	22.9%	1,388.1	72
40-49	119,485	1,882	24.1%	1,575.1	63
50-59	127,874	2,020	25.8%	1,579.7	63
60+	174,697	1,142	14.6%	653.7	153
Total	909,308	7,825	100.0%	860.5	116

Table 8 – CD4 Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Age on December 31, 2018, Reported through June 30, 2019

| Age on December 31, 2018 | 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	60	51	85.0%	578	5.9%	11.8%	17.6%	64.7%
20-29	917	707	77.1%	630	6.8%	10.5%	16.3%	66.5%
30-39	1,789	1,338	74.8%	604	9.3%	11.3%	17.7%	61.7%
40-49	1,882	1,427	75.8%	614	8.1%	11.4%	16.3%	64.3%
50-59	2,020	1,579	78.2%	613	8.5%	11.1%	18.0%	62.3%
60+	1,142	893	78.2%	585	7.1%	11.9%	19.0%	62.0%
Total	7,810	5,995	76.8%	608	8.2%	11.3%	17.5%	63.1%

Table 9 – Viral Load Test Results During 2018 for People Living with Diagnosed HIV, Alive on December 31, 2018, by Age on December 31, 2018, Reported through June 30, 2019

Age on December 31, 2018	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
13-19	60	53	88.3%	75.5%	7,630
20-29	917	712	77.6%	74.6%	16,500
30-39	1,789	1,344	75.1%	83.7%	19,500
40-49	1,882	1,419	75.4%	88.9%	9,970
50-59	2,020	1,576	78.0%	90.4%	11,600
60+	1,142	891	78.0%	92.8%	6,505
Total	7,810	5,995	76.8%	86.9%	12,600

Section VI – People Aged 13+ Living with Diagnosed HIV by Demographics

Table 10 – Reported HIV Diagnoses, Among People Aged 13+ During 2018, 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, 2019

Demographic Characteristics	Population Age 13+	No.	% of Total	Rate	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
					% 1 mo.	% 3 mo.	%	% with Test	Median Count
Sex at Birth									
Male	362,021	213	68.5%	58.8	80.3%	89.7%	20.7%	93.9%	382
Female	398,254	98	31.5%	24.6	86.7%	95.9%	***	***	***
Gender									
Male	362,021	208	66.9%	57.5	79.8%	89.4%	20.7%	94.2%	382
Female	398,254	98	31.5%	24.6	86.7%	95.9%	***	***	***
Transgender Female	--	5	1.6%	--	100.0%	100.0%	***	***	***
Transgender Male	--	0	0.0%	--	--	--	--	--	--
Another Gender Identity	--	0	0.0%	--	--	--	--	--	--
Race/Ethnicity									
Hispanic	126,973	25	8.0%	19.7	92.0%	100.0%	28.0%	100.0%	314
Non-Hispanic	633,301	286	92.0%	45.2	81.5%	90.9%	21.0%	94.1%	385
American Indian/Alaska Native, only	1,939	0	0.0%	0.0	--	--	--	--	--
Asian, only	34,696	3	1.0%	8.6	***	***	***	***	***
Black, only	481,340	263	84.6%	54.6	81.4%	90.5%	22.4%	93.9%	383
Native Hawaiian/Other Pacific Islander, only	325	0	0.0%	0.0	--	--	--	--	--
White, only	102,158	13	4.2%	12.7	76.9%	92.3%	0.0%	100.0%	582
Multiracial/Other	12,844	7	2.3%	54.5	***	***	***	***	***
Total	760,274	311	100.0%	40.9	82.3%	91.6%	21.5%	94.5%	384
Country of Birth									
United States	567,024	237	76.2%	41.8	81.0%	90.3%	18.1%	94.9%	390
Foreign-Born	189,709	55	17.7%	29.0	85.5%	96.4%	36.4%	94.5%	310
Africa	--	47	15.1%	--	87.2%	95.7%	34.0%	93.6%	316
Asia	--	0	0.0%	--	--	--	--	--	--
Caribbean	--	2	0.6%	--	***	***	***	***	***
Central America	--	5	1.6%	--	***	100.0%	***	100.0%	43
Other	--	1	0.3%	--	***	***	***	***	***
Unknown	--	19	6.1%	--	89.5%	94.7%	***	89.5%	314
Total	756,733	311	100.0%	41.1	82.3%	91.6%	21.5%	94.5%	384

Note. Population data by sex at birth, age, and race/ethnicity are from the 2018 U.S. Census population estimates. Population data by gender are unavailable. Population data by country of birth are from the 2017 American Community Survey.

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

Table 11 – People Aged 13+ Living with Diagnosed HIV Alive on December 31, 2018, by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2019

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	362,021	5,284	67.7%	1,459.6	69
Female	398,254	2,526	32.3%	634.3	158
Gender					
Male	362,021	5,231	67.0%	1,444.9	69
Female	398,254	2,523	32.3%	633.5	158
Transgender Female	--	53	0.7%	--	--
Transgender Male	--	3	0.0%	--	--
Another Gender Identity	--	0	0.0%	--	--
Race/Ethnicity					
Hispanic	126,973	626	8.0%	493.0	203
Non-Hispanic	633,301	7,184	92.0%	1,134.4	88
American Indian/Alaska Native, only	1,939	***	***	***	***
Asian, only	34,696	40	0.5%	115.3	867
Black, only	481,340	6,481	83.0%	1,346.5	74
Native Hawaiian/Other Pacific Islander, only	325	***	***	***	***
White, only	102,158	319	4.1%	312.3	320
Multiracial/Other	12,844	338	4.3%	2,631.7	38
Total	760,274	7,810	100.0%	1,027.3	97
Country of Birth					
United States	567,024	6,500	83.2%	1,146.3	87
Foreign-Born	189,709	1,117	14.3%	588.8	170
Africa	--	728	9.3%	--	--
Asia	--	28	0.4%	--	--
Caribbean	--	93	1.2%	--	--
Central America	--	201	2.6%	--	--
Other	--	67	0.9%	--	--
Unknown	--	193	2.5%	--	--
Total	756,733	7,810	100.0%	1,032.1	97

Note. Population data by sex at birth, age, and race/ethnicity are from the 2018 U.S. Census population estimates. Population data by gender are unavailable. Population data by country of birth are from the 2017 American Community Survey.

Table 11A – People Aged 13+ Living with Diagnosed by Sex at Birth and Race/Ethnicity, HIV Alive on December 31, 2018, Reported through June 30, 2019

Race/Ethnicity	Sex at Birth							
	Male				Female			
	Population 13+	Aged 13+ Living with Diagnosed HIV			Population 13+	Aged 13+ Living with Diagnosed HIV		
		No.	% of Total	Rate		No.	% of Total	Rate
Hispanic	69,074	490	9.3%	709.4	57,899	136	5.4%	234.9
Non-Hispanic	292,947	4,794	90.7%	1,636.5	340,355	2,390	94.6%	702.2
American Indian/Alaska Native, only	921	4	0.1%	434.5	1,019	1	0.0%	98.2
Asian, only	16,494	35	0.7%	212.2	18,202	5	0.2%	27.5
Black, only	218,741	4,229	80.0%	1,933.3	262,598	2,252	89.2%	857.6
Native Hawaiian/Other Pacific Islander, only	129	1	0.0%	774.0	196	0	0.0%	0.0
White, only	50,977	279	5.3%	547.3	51,181	40	1.6%	78.2
Multiracial/Other	5,685	246	4.7%	4,327.0	7,158	92	3.6%	1,285.2
Total	362,021	5,284	100.0%	1,459.6	398,254	2,526	100.0%	634.3

Note. Population data by sex at birth, age, and race/ethnicity are from the 2018 U.S. Census population estimates.

Table 12 – CD4 Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Sex at Birth, Gender, Race/Ethnicity and Country of Birth, Reported through June 30, 2019

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	5,284	4,025	76.2%	591	8.2%	11.7%	18.6%	61.4%
Female	2,526	1,970	78.0%	640	8.0%	10.3%	15.2%	66.5%
Gender								
Male	5,231	3,986	76.2%	591	8.3%	11.7%	18.6%	61.4%
Female	2,523	1,967	78.0%	639	8.0%	10.3%	15.2%	66.5%
Transgender Female	53	***	***	***	***	***	***	***
Transgender Male	3	***	***	***	***	***	***	***
Another Gender Identity	0	--	--	--	--	--	--	--
Race/Ethnicity								
Hispanic	626	465	74.3%	575	8.0%	10.8%	21.3%	60.0%
Non-Hispanic	7,184	5,530	77.0%	611	8.2%	11.3%	17.1%	63.4%
American Indian/Alaska Native, only	***	***	***	***	***	***	***	***
Asian, only	40	30	75.0%	630	0.0%	10.0%	26.7%	63.3%
Black, only	6,481	4,996	77.1%	611	8.3%	11.3%	17.2%	63.2%
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***	***	***	***
White, only	319	232	72.7%	657	3.9%	9.1%	14.7%	72.4%
Multiracial/Other	338	268	79.3%	567	10.1%	13.1%	17.9%	59.0%
Country of Birth								
United States	6,500	5,019	77.2%	614	8.1%	10.9%	17.4%	63.6%
Foreign-Born	1,117	832	74.5%	581	8.7%	12.6%	18.3%	60.5%
Africa	728	545	74.9%	562	9.2%	13.9%	19.3%	57.6%
Asia	28	20	71.4%	653	5.0%	10.0%	5.0%	80.0%
Caribbean	93	75	80.6%	635	12.0%	10.7%	12.0%	65.3%
Central America	201	144	71.6%	599	6.9%	11.1%	22.2%	59.7%
Other	67	48	71.6%	719	4.2%	6.3%	10.4%	79.2%
Unknown	193	144	74.6%	582	6.3%	17.4%	15.3%	61.1%
Total	7,810	5,995	76.8%	608	8.2%	11.3%	17.5%	63.1%

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

Table 13 – Viral Load Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Sex at Birth, Gender, Race/Ethnicity and Country of Birth, Reported through June 30, 2019

Demographic Characteristics	No.	Total People Aged 13+ Living with Diagnosed HIV			
		Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Sex at Birth					
Male	5,284	4,022	76.1%	86.6%	14,048
Female	2,526	1,973	78.1%	87.4%	10,875
Gender					
Male	5,231	3,981	76.1%	86.7%	14,048
Female	2,523	1,970	78.1%	87.4%	10,875
Transgender Female	53	***	***	***	***
Transgender Male	3	***	***	***	***
Another Gender Identity	0	--	--	--	--
Race/Ethnicity					
Hispanic	626	467	74.6%	89.9%	19,700
Non-Hispanic	7,184	5,528	76.9%	86.6%	11,850
American Indian/Alaska Native, only	***	***	***	***	***
Asian, only	40	31	77.5%	96.8%	180,000
Black, only	6,481	4,992	77.0%	86.3%	11,200
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***
White, only	319	228	71.5%	92.1%	3,631
Multiracial/Other	338	273	80.8%	86.8%	35,313
Country of Birth					
United States	6,500	5,016	77.2%	86.7%	13,150
Foreign-Born	1,117	828	74.1%	89.0%	12,387
Africa	728	541	74.3%	88.0%	7,850
Asia	28	21	75.0%	90.5%	97,545
Caribbean	93	76	81.7%	86.8%	17,450
Central America	201	142	70.6%	92.3%	58,736
Other	67	48	71.6%	93.8%	4,990
Unknown	193	151	78.2%	82.8%	3,056
Total	7,810	5,995	76.8%	86.9%	12,600

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

Section VII – People Living with Diagnosed HIV by Expanded Demographics

Figure 10 – Population Pyramids of Total People Living with Diagnosed HIV, by Age on December 31, 2018, Sex at Birth, and Race/Ethnicity, Alive on December 31, 2018, and Reported through June 30, 2019

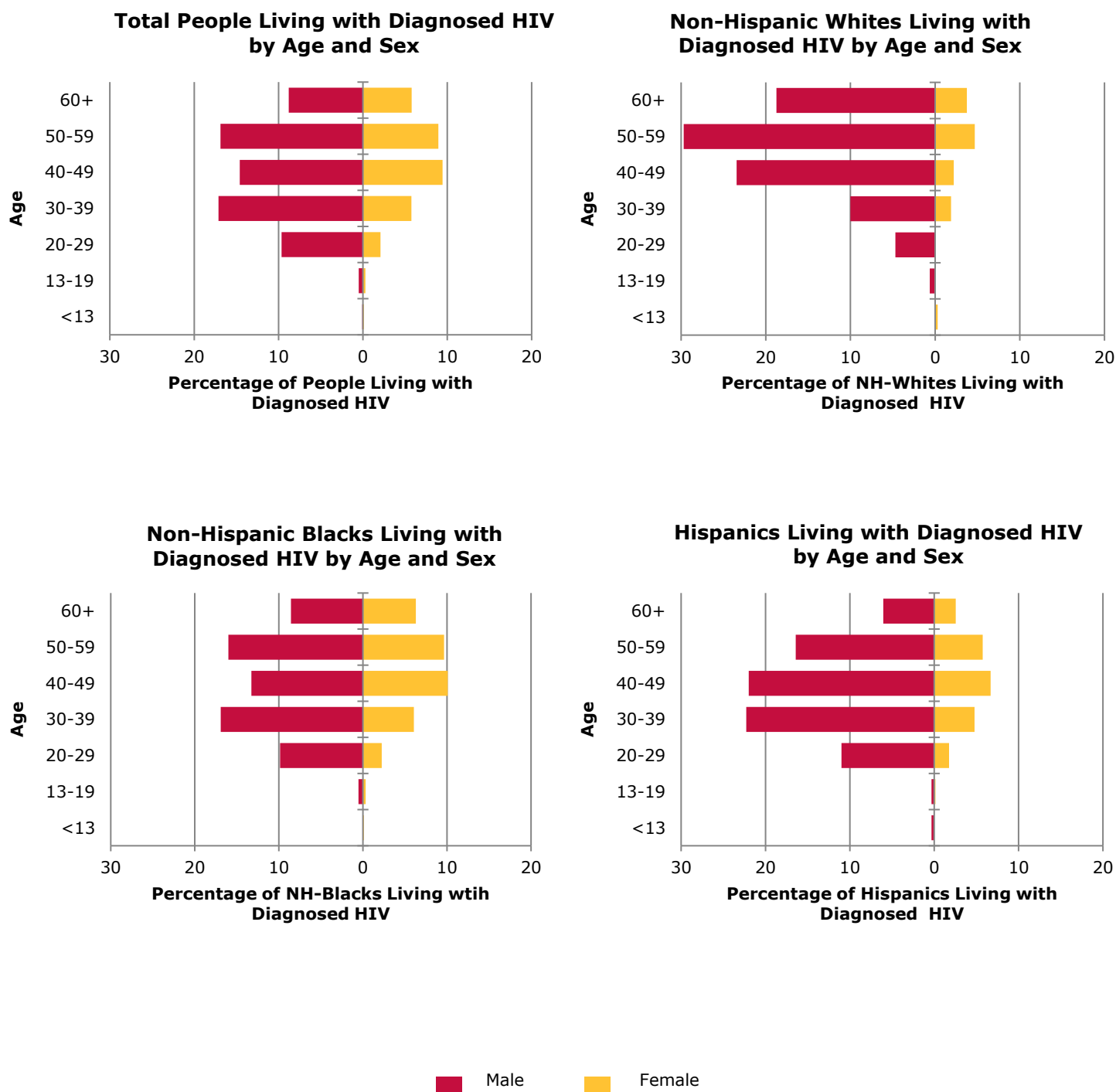
Total People Living with Diagnosed HIV by Age and Sex

Non-Hispanic Whites Living with Diagnosed HIV by Age and Sex

Non-Hispanic Blacks Living with Diagnosed HIV by Age and Sex

Hispanics Living with Diagnosed HIV by Age and Sex

Male   Female

Table 14 – Total Males Living with Diagnosed HIV by Age on December 31, 2018 and Race/Ethnicity, Alive on December 31, 2018, and Reported through June 30, 2019

Age on December 31, 2018		Race/Ethnicity				Total Males by Age Group
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	23,624	41,042	5,774	5,285	75,725
	Number	2	4	0	0	6
	Rate	8.5	9.7	0.0	0.0	7.9
	Ratio (1 in X)	11,812	10,260	--	--	12,621
13-19	Population	9,918	22,990	4,799	3,012	40,719
	Number	2	34	2	0	38
	Rate	20.2	147.9	41.7	0.0	93.3
	Ratio (1 in X)	4,959	676	2,399	--	1,072
20-29	Population	13,046	38,810	8,498	5,203	65,557
	Number	69	640	15	30	754
	Rate	528.9	1,649.1	176.5	576.6	1,150.1
	Ratio (1 in X)	189	61	567	173	87
30-39	Population	17,035	35,188	7,539	4,223	63,985
	Number	140	1,098	32	69	1,339
	Rate	821.8	3,120.4	424.5	1,633.9	2,092.7
	Ratio (1 in X)	122	32	236	61	48
40-49	Population	15,101	33,917	5,586	3,268	57,872
	Number	138	862	75	68	1,143
	Rate	913.8	2,541.5	1,342.6	2,080.8	1,975.0
	Ratio (1 in X)	109	39	74	48	51
50-59	Population	8,576	39,525	8,276	3,002	59,379
	Number	103	1,040	95	83	1,321
	Rate	1,201.0	2,631.2	1,147.9	2,764.8	2,224.7
	Ratio (1 in X)	83	38	87	36	45
60+	Population	5,398	48,311	16,279	4,521	74,509
	Number	38	555	60	36	689
	Rate	704.0	1,148.8	368.6	796.3	924.7
	Ratio (1 in X)	142	87	271	126	108
Total Males by Race/Ethnicity	Population	92,698	259,783	56,751	28,514	437,746
	Number	492	4,233	279	286	5,290
	Rate	530.8	1,629.4	491.6	1,003.0	1,208.5
	Ratio (1 in X)	188	61	203	100	83

Table 15 – Total Females Living with Diagnosed HIV by Age on December 31, 2018 and Race/Ethnicity, Alive on December 31, 2018, and Reported through June 30, 2019

Age on December 31, 2018		Total Females Living with Diagnosed HIV				
		Race/Ethnicity				Total Females by Age Group
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	22,697	40,233	5,422	4,957	73,308
	Number	0	7	1	1	9
	Rate	0.0	17.4	18.4	20.2	12.3
	Ratio (1 in X)	--	5,748	5,422	4,957	8,145
13-19	Population	9,305	22,755	4,307	2,792	39,160
	Number	1	21	0	0	22
	Rate	10.7	92.3	0.0	0.0	56.2
	Ratio (1 in X)	9,305	1,084	--	--	1,780
20-29	Population	11,490	40,120	7,279	5,017	63,906
	Number	11	146	0	6	163
	Rate	95.7	363.9	0.0	119.6	255.1
	Ratio (1 in X)	1,045	275	--	836	392
30-39	Population	13,262	39,940	6,988	4,702	64,892
	Number	30	393	6	21	450
	Rate	226.2	984.0	85.9	446.6	693.5
	Ratio (1 in X)	442	102	1,165	224	144
40-49	Population	11,035	41,262	5,359	3,957	61,613
	Number	42	656	7	34	739
	Rate	380.6	1,589.8	130.6	859.2	1,199.4
	Ratio (1 in X)	263	63	766	116	83
50-59	Population	7,146	49,260	8,160	3,929	68,495
	Number	36	627	15	21	699
	Rate	503.8	1,272.8	183.8	534.5	1,020.5
	Ratio (1 in X)	199	79	544	187	98
60+	Population	5,661	69,261	19,088	6,178	100,188
	Number	16	409	12	16	453
	Rate	282.6	590.5	62.9	259.0	452.1
	Ratio (1 in X)	354	169	1,591	386	221
Total Females by Race/Ethnicity	Population	80,596	302,831	56,603	31,532	471,562
	Number	136	2,259	41	99	2,535
	Rate	168.7	746.0	72.4	314.0	537.6
	Ratio (1 in X)	593	134	1,381	319	186

Section VIII – HIV Exposure Category

Figure 11 – Proportion of Total People Aged 13+ Living with Diagnosed HIV, by Estimated Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on December 31, 2018, Reported through June 30, 2019
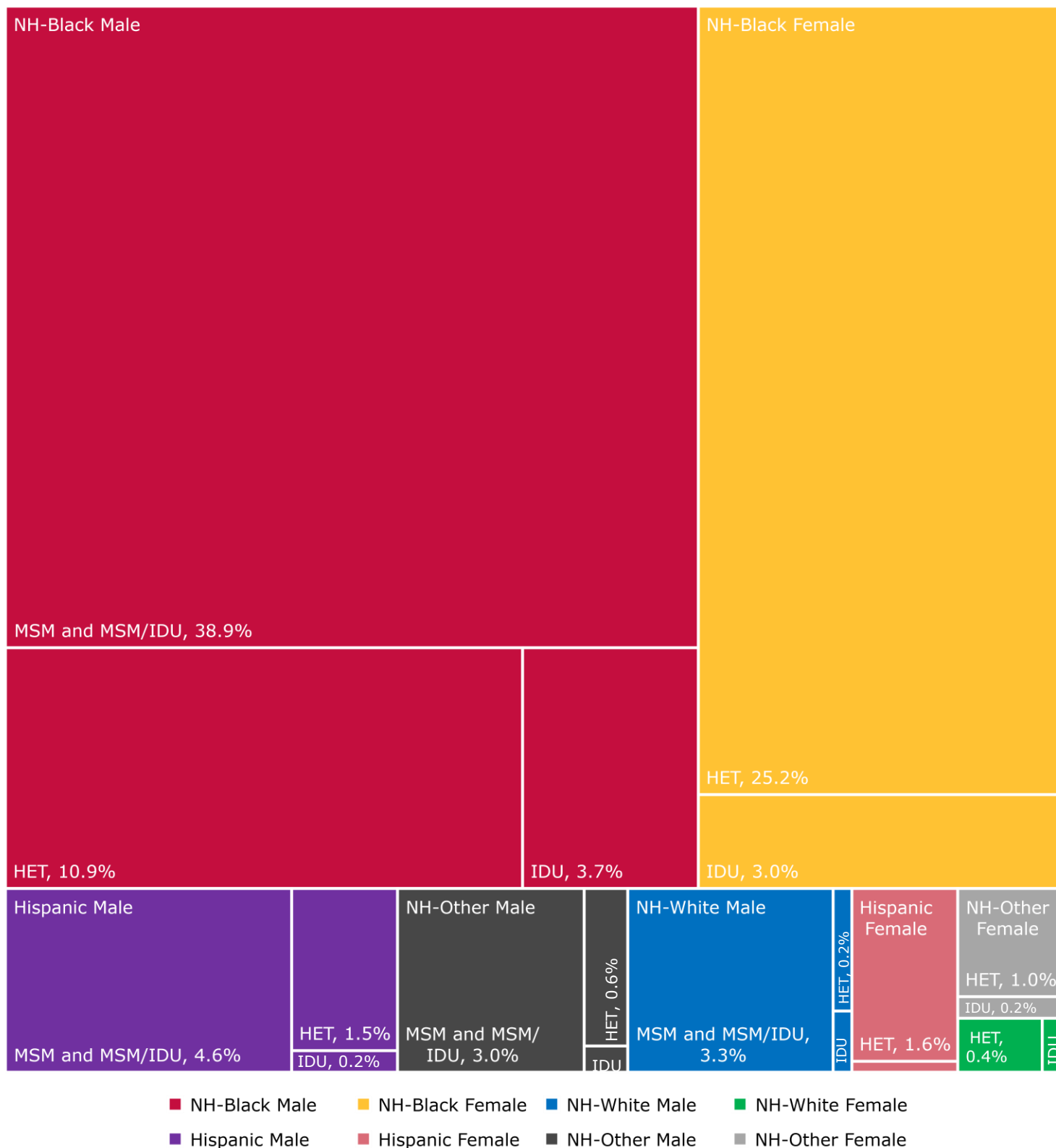
Note. Other exposure category and perinatal transmission not shown (<2 percent). Multiple imputation was used to estimate and adjust for missing transmission category.

Table 16 – Reported HIV Diagnoses, Among People Aged 13+ During 2018, Linked to Care, Late Diagnosis, and First CD4 Test Result, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2019

Estimated or Reported Exposure Category	No.	% of Total	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
			% 1 mo.	% 3 mo.	%	% with Test	Median Count
Male-to-male Sexual Contact (MSM)	155	49.9%	80.5%	90.2%	14.2%	94.3%	385
Injection Drug Use (IDU)	12	3.8%	63.9%	69.7%	***	80.7%	327
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	3	1.1%	***	***	***	***	***
Heterosexual Contact (HET)	139	44.8%	85.6%	94.9%	29.6%	95.8%	376
Perinatal Transmission	1	0.3%	***	***	***	***	***
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	311	100.0%	82.3%	91.6%	21.5%	94.5%	384
Male Estimated or Reported Exposure Category							
Male-to-male Sexual Contact (MSM)	155	72.9%	80.5%	90.2%	14.2%	94.3%	385
Injection Drug Use (IDU)	8	4.0%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	3	1.6%	***	***	***	***	***
Heterosexual Contact (HET)	46	21.5%	83.0%	92.6%	42.6%	95.9%	251
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	213	100.0%	80.3%	89.7%	20.7%	93.9%	382
Female Estimated or Reported Exposure Category							
Injection Drug Use (IDU)	3	3.5%	***	***	***	***	***
Heterosexual Contact (HET)	94	95.5%	86.9%	96.0%	23.3%	95.7%	391
Perinatal Transmission	1	1.0%	***	***	***	***	***
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	98	100.0%	86.7%	95.9%	23.5%	95.9%	394

Note. Data for 2018 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. Median count is weighted based on statistical adjustment. For exposure category by gender, please see the Maryland HIV Epidemiological Profile Gender Expansive People Supplement.

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

Table 17 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2019

Estimated or Reported Exposure Category	Total People Aged 13+ Living with Diagnosed HIV	
	No.	% of Total
Male-to-male Sexual Contact (MSM)	3,693	47.3%
Injection Drug Use (IDU)	585	7.5%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	190	2.4%
Heterosexual Contact (HET)	3,232	41.4%
Perinatal Transmission	81	1.0%
Other Exposure	5	0.1%
No Estimated or Reported Exposure	24	0.3%
Total	7,810	100.0%
Male Estimated or Reported Exposure Category		
Male-to-male Sexual Contact (MSM)	3,693	69.9%
Injection Drug Use (IDU)	320	6.1%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	190	3.6%
Heterosexual Contact (HET)	1,027	19.4%
Perinatal Transmission	36	0.7%
Other Exposure	2	0.0%
No Estimated or Reported Exposure	16	0.3%
Total	5,284	100.0%
Female Estimated or Reported Exposure Category		
Injection Drug Use (IDU)	265	10.5%
Heterosexual Contact (HET)	2,205	87.3%
Perinatal Transmission	45	1.8%
Other Exposure	3	0.1%
No Estimated or Reported Exposure	8	0.3%
Total	2,526	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 Expansive People Supplement.

Table 18 – People Aged 13+ Living with Diagnosed HIV by Estimated or Reported Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on December 31, 2018, and Reported through June 30, 2019

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)	344	55.0%	2,892	44.6%	242	76.0%
Injection Drug Use (IDU)	23	3.7%	526	8.1%	11	3.5%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	13	2.1%	148	2.3%	16	5.0%
Heterosexual Contact (HET)	240	38.3%	2,818	43.5%	47	14.7%
Perinatal Transmission	6	1.0%	70	1.1%	2	0.6%
Other Exposure	0	0.0%	3	0.0%	1	0.3%
No Estimated or Reported Exposure	0	0.0%	24	0.4%	0	0.0%
Total	626	100.0%	6,481	100.0%	319	100.0%
Male Estimated or Reported Exposure Category						
Male-to-male Sexual Contact (MSM)	344	70.2%	2,892	68.4%	242	86.8%
Injection Drug Use (IDU)	14	2.9%	288	6.8%	6	2.3%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	13	2.7%	148	3.5%	16	5.7%
Heterosexual Contact (HET)	115	23.5%	854	20.2%	13	4.5%
Perinatal Transmission	3	0.6%	30	0.7%	2	0.7%
Other Exposure	0	0.0%	1	0.0%	0	0.0%
No Estimated or Reported Exposure	0	0.0%	16	0.4%	0	0.0%
Total	489	100.0%	4,229	100.0%	279	100.0%
Female Estimated or Reported Exposure Category						
Injection Drug Use (IDU)	9	6.5%	237	10.5%	5	12.0%
Heterosexual Contact (HET)	124	91.3%	1,965	87.2%	34	85.5%
Perinatal Transmission	3	2.2%	40	1.8%	0	0.0%
Other Exposure	0	0.0%	2	0.1%	1	2.5%
No Estimated or Reported Exposure	0	0.0%	8	0.4%	0	0.0%
Total	136	100.0%	2,252	100.0%	40	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 Expansive People Supplement.

Table 19 – CD4 Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Estimated or Reported Exposure Category, Reported through June 30, 2019

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)	3,693	2,835	76.8%	613	7.1%	10.4%	18.0%	64.6%
Injection Drug Use (IDU)	585	431	73.6%	596	9.1%	13.5%	16.0%	61.4%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	190	148	77.6%	564	8.1%	13.1%	19.8%	58.9%
Heterosexual Contact (HET)	3,232	2,491	77.1%	606	8.9%	11.7%	17.2%	62.2%
Perinatal Transmission	81	66	81.5%	580	18.2%	12.1%	15.2%	54.5%
Other Exposure	5	***	***	***	***	***	***	***
No Estimated or Reported Exposure	24	***	***	***	***	***	***	***
Total	7,810	5,995	76.8%	608	8.2%	11.3%	17.5%	63.1%

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 20 – Viral Load Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Estimated or Reported Exposure Category, Reported through June 30, 2019

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)	3,693	2,841	76.9%	86.7%	13,100
Injection Drug Use (IDU)	585	430	73.4%	88.9%	14,048
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	190	145	76.3%	86.2%	22,115
Heterosexual Contact (HET)	3,232	2,488	77.0%	87.6%	12,000
Perinatal Transmission	81	67	82.7%	68.7%	9,318
Other Exposure	5	***	***	***	***
No Estimated or Reported Exposure	24	***	***	***	***
Total	7,810	5,995	76.8%	86.9%	12,600

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

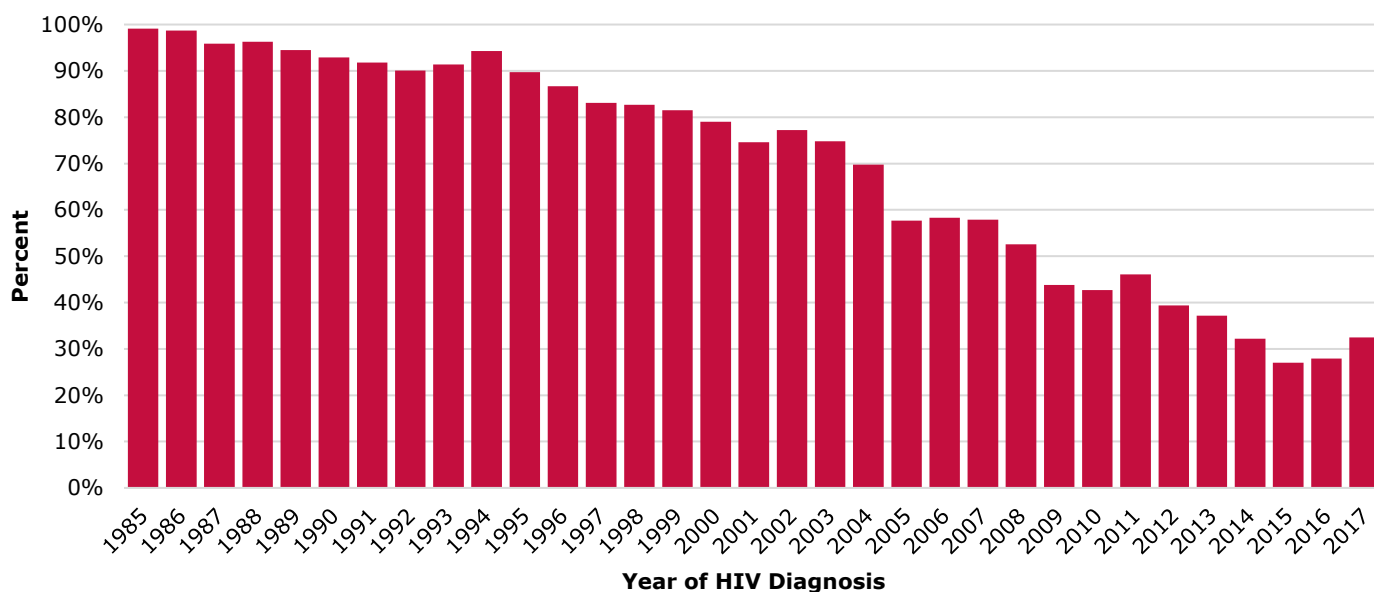# Section IX – Disease Progression and Mortality

Figure 12 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2017, Reported through June 30, 2019

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, 2018 (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, 2018, 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 2017, Reported through June 30, 2019


Number with AIDS by 12/31/2018
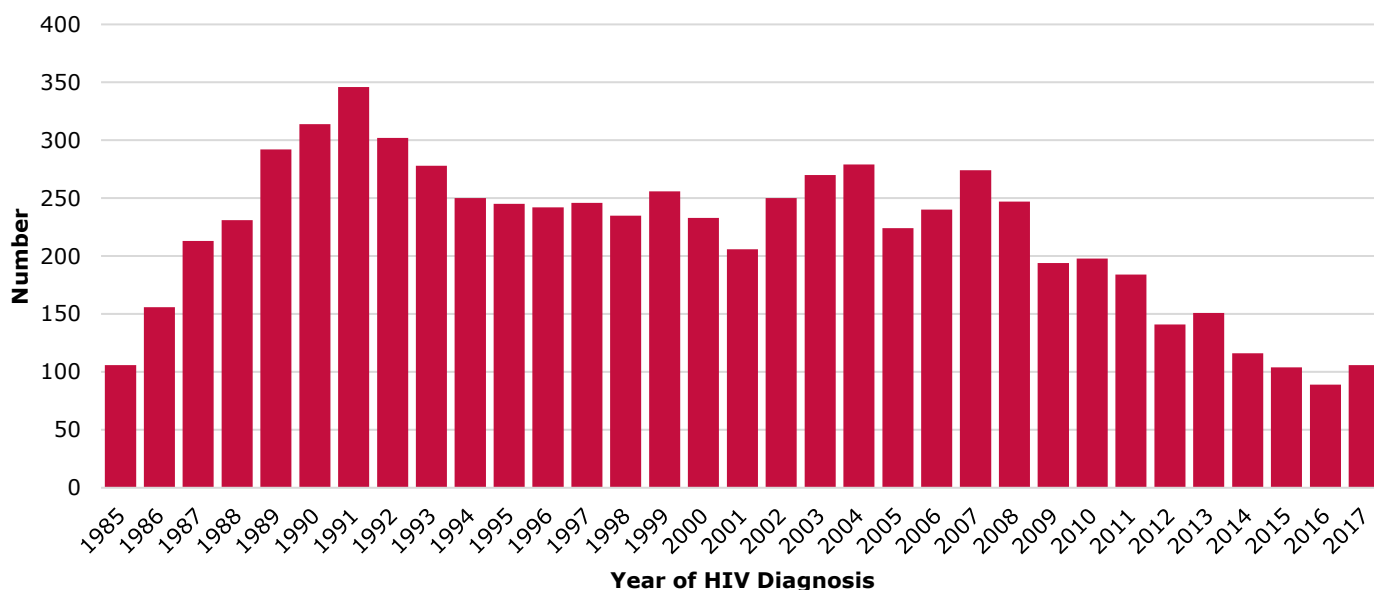
Percent with AIDS by 12/31/2018

Year of HIV Diagnosis	No.	Reported HIV Diagnoses Among People Aged 13+						
		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	71	66	93.0%	8.4	42.3%	42.3%	43.7%	57.7%
1985	107	106	99.1%	5.3	49.5%	50.5%	54.2%	78.5%
1986	158	156	98.7%	5.0	39.2%	40.5%	51.3%	87.3%
1987	222	213	95.9%	4.1	44.1%	44.6%	61.3%	85.6%
1988	240	231	96.3%	3.4	47.5%	52.1%	73.3%	88.8%
1989	309	292	94.5%	3.2	46.0%	48.2%	73.1%	88.7%
1990	338	314	92.9%	3.1	48.8%	56.2%	73.1%	85.8%
1991	377	346	91.8%	2.6	51.2%	60.5%	78.8%	85.4%
1992	335	302	90.1%	2.9	49.0%	55.5%	74.0%	82.1%
1993	304	278	91.4%	2.4	58.9%	63.5%	75.7%	85.9%
1994	265	250	94.3%	2.0	69.1%	74.0%	80.8%	88.7%
1995	273	245	89.7%	2.1	64.5%	69.6%	75.1%	85.7%
1996	279	242	86.7%	2.0	64.9%	66.7%	73.8%	81.7%
1997	296	246	83.1%	1.7	62.2%	65.9%	72.6%	79.4%
1998	284	235	82.7%	1.9	60.2%	64.8%	70.8%	77.8%
1999	314	256	81.5%	1.9	60.5%	65.9%	70.4%	75.5%
2000	295	233	79.0%	1.9	59.0%	61.4%	67.8%	74.2%
2001	276	206	74.6%	2.1	54.3%	56.2%	63.8%	69.2%
2002	324	250	77.2%	1.3	61.1%	66.0%	70.4%	74.4%
2003	361	270	74.8%	1.9	56.0%	58.4%	63.2%	70.1%
2004	400	279	69.8%	1.9	50.8%	53.5%	58.5%	67.0%
2005	388	224	57.7%	1.4	44.6%	47.4%	51.0%	56.7%
2006	412	240	58.3%	1.6	42.5%	44.4%	51.2%	56.3%
2007	473	274	57.9%	1.8	38.9%	42.1%	49.7%	56.0%
2008	470	247	52.6%	1.6	36.2%	39.6%	47.0%	52.1%
2009	443	194	43.8%	1.7	30.2%	32.5%	37.2%	--
2010	464	198	42.7%	1.2	31.5%	34.5%	38.8%	--
2011	399	184	46.1%	1.1	34.6%	38.1%	42.1%	--
2012	358	141	39.4%	1.1	30.4%	32.1%	37.2%	--
2013	406	151	37.2%	0.7	31.5%	33.3%	36.2%	--
2014	360	116	32.2%	0.8	23.9%	26.4%	--	--
2015	385	104	27.0%	0.5	23.6%	25.2%	--	--
2016	319	89	27.9%	0.4	25.7%	27.0%	--	--
2017	326	106	32.5%	0.2	31.3%	--	--	--
Total	11,031	7,284	66.0%	2.2	44.7%	48.0%	55.6%	62.5%

Figure 13 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2017, Reported through June 30, 2019

Number of People Aged 13+ with Diagnosed HIV, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by December 31, 2017 (Reported AIDS Diagnoses), Number of Reported AIDS Diagnosis Among People Aged 13+ Reported to Have Died of Any Cause by December 31, 2018 (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, 2018, 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 2017, Reported through June 30, 2019


Number Deceased by 12/31/2018

Percent Deceased by 12/31/2018
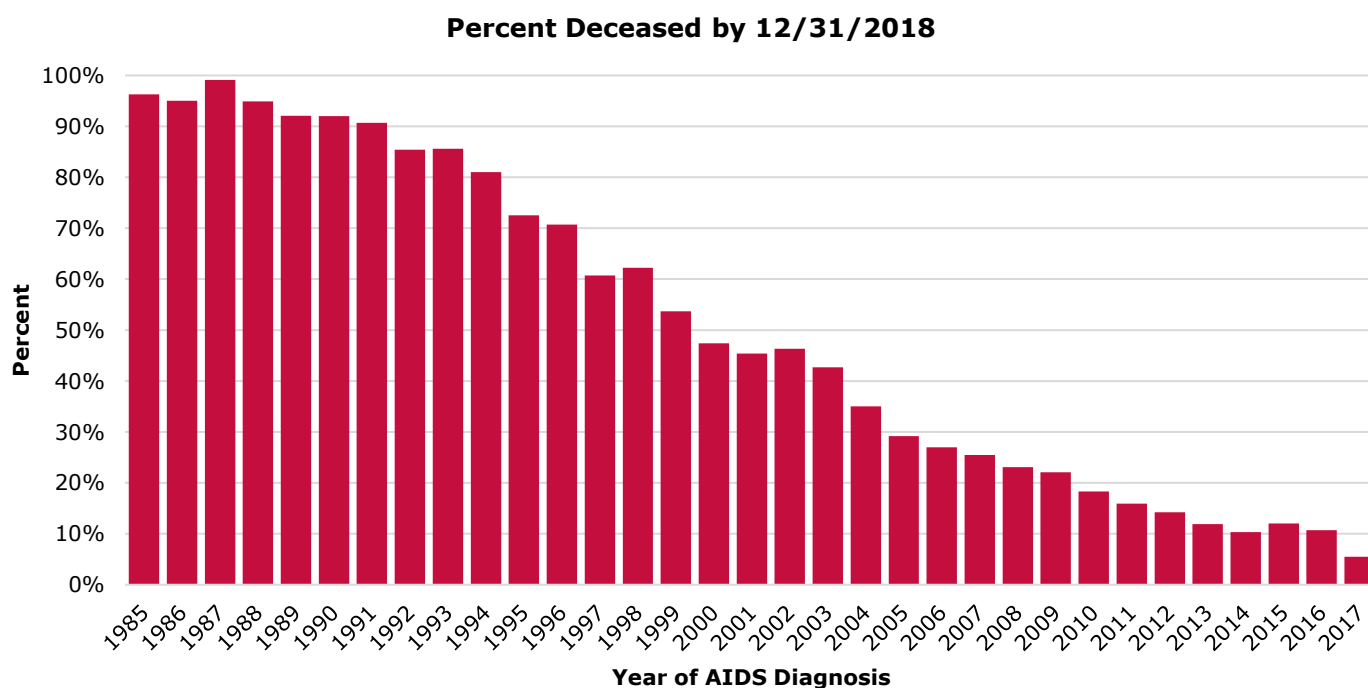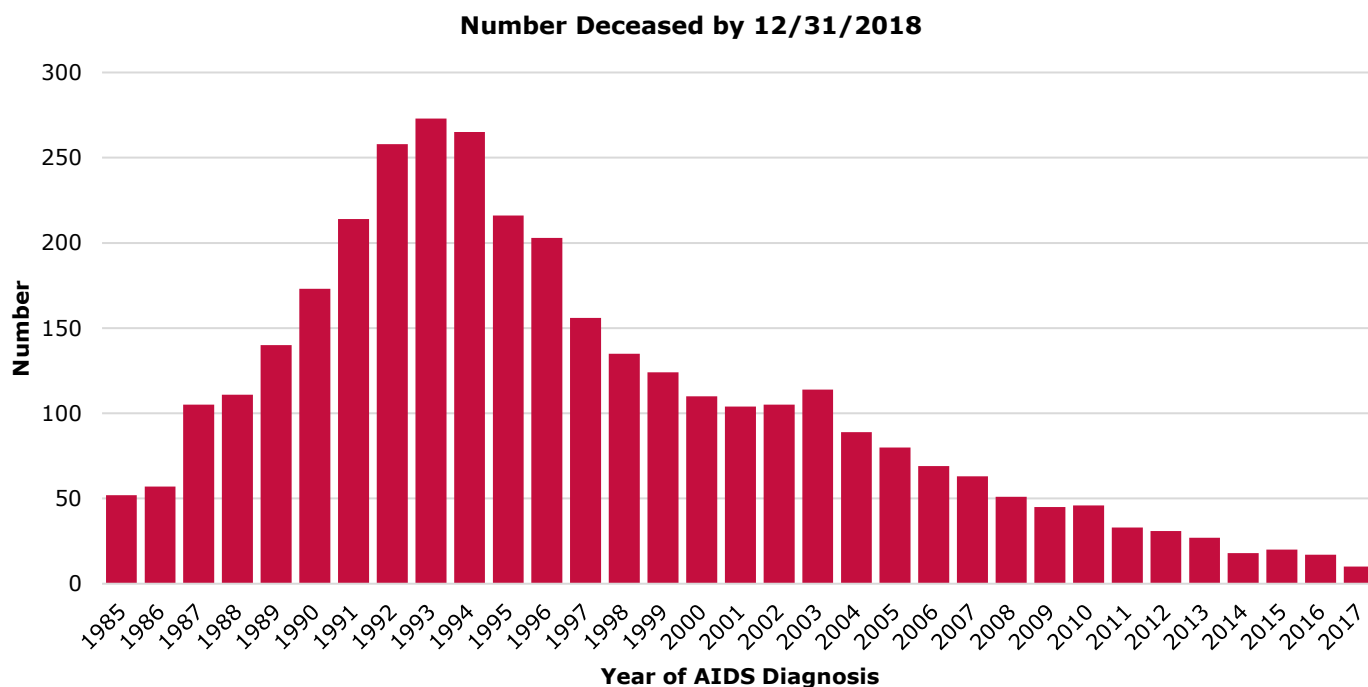
Year of AIDS Diagnosis	Reported AIDS Diagnoses Among People Aged 13+							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Deceased	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	38	38	100.0%	0.9	34.2%	5.3%	2.6%	0.0%
1985	54	52	96.3%	1.6	40.7%	16.7%	14.8%	5.6%
1986	60	57	95.0%	1.9	53.3%	35.0%	11.7%	8.3%
1987	106	105	99.1%	2.2	45.3%	25.5%	11.3%	5.7%
1988	117	111	94.9%	1.8	60.7%	36.8%	13.7%	5.1%
1989	152	140	92.1%	3.2	66.4%	48.7%	21.7%	14.5%
1990	188	173	92.0%	3.0	64.9%	48.4%	23.9%	15.4%
1991	236	214	90.7%	2.6	67.4%	52.1%	18.6%	13.6%
1992	302	258	85.4%	3.4	78.5%	56.3%	27.8%	22.2%
1993	319	273	85.6%	3.7	72.1%	56.4%	32.3%	24.5%
1994	327	265	81.0%	3.6	74.3%	53.2%	37.9%	26.6%
1995	298	216	72.5%	4.6	74.8%	62.1%	50.7%	40.3%
1996	287	203	70.7%	5.3	80.1%	72.5%	60.6%	43.2%
1997	257	156	60.7%	5.1	81.3%	75.1%	62.3%	51.0%
1998	217	135	62.2%	5.6	84.3%	81.1%	68.7%	49.8%
1999	231	124	53.7%	4.6	84.4%	77.5%	67.1%	53.2%
2000	232	110	47.4%	6.0	91.4%	89.2%	78.0%	62.1%
2001	229	104	45.4%	4.9	86.0%	81.2%	72.5%	63.3%
2002	227	105	46.3%	4.9	88.1%	84.6%	72.2%	63.0%
2003	267	114	42.7%	4.3	86.9%	81.3%	72.3%	63.7%
2004	254	89	35.0%	5.0	90.2%	88.2%	79.5%	71.7%
2005	274	80	29.2%	3.8	90.1%	88.0%	79.9%	74.1%
2006	256	69	27.0%	4.2	92.2%	89.8%	83.6%	74.6%
2007	247	63	25.5%	3.5	90.7%	87.4%	82.6%	75.3%
2008	221	51	23.1%	2.8	88.7%	86.0%	82.8%	77.8%
2009	204	45	22.1%	2.5	90.2%	87.7%	82.8%	--
2010	251	46	18.3%	2.6	93.2%	90.4%	85.7%	--
2011	207	33	15.9%	2.2	93.7%	91.3%	85.5%	--
2012	219	31	14.2%	1.7	92.2%	90.0%	87.2%	--
2013	226	27	11.9%	1.2	92.5%	90.7%	88.5%	--
2014	174	18	10.3%	1.4	95.4%	92.5%	--	--
2015	167	20	12.0%	1.0	92.2%	90.4%	--	--
2016	159	17	10.7%	0.6	92.5%	89.9%	--	--
2017*	182	10	5.5%	0.3	95.1%	--	--	--
Total	7,185	3,552	49.4%	3.7	82.9%	74.9%	63.5%	55.9%

*2017 AIDS deaths are preliminary

Section X – Pediatrics

Figure 14 – Trends in Reported HIV Diagnoses Among People Aged <13, 1985-2018, Reported through June 30, 2019

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 31st of Each Year (Total Living Pediatric Diagnoses) from 1985 through 2018, as Reported by Name through June 30, 2019

Pediatric Reported HIV Diagnoses
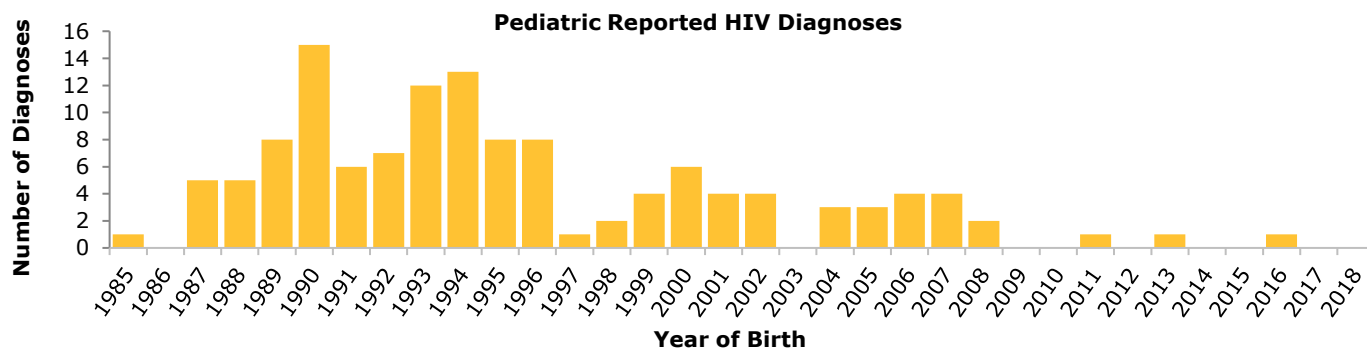
Year	Pediatric Reported HIV Diagnoses				Total Living Pediatric Diagnoses Alive on December 31st of Each Year
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	
<1985	10	2	0	0	
1985	1	2	1	0	5
1986	0	2	0	0	7
1987	5	5	4	0	12
1988	5	1	1	2	11
1989	8	5	4	1	15
1990	15	12	6	4	23
1991	6	10	5	3	30
1992	7	7	6	0	34
1993	12	8	6	3	39
1994	13	5	2	0	43
1995	8	9	8	5	47
1996	8	8	8	2	51
1997	1	3	5	0	54
1998	2	3	1	2	55
1999	4	8	4	0	63
2000	6	4	3	1	66
2001	4	3	0	2	67
2002	4	6	0	0	73
2003	0	2	1	4	70
2004	3	5	2	2	73
2005	3	5	2	1	77
2006	4	4	3	0	81
2007	4	8	3	0	89
2008	2	3	1	0	93
2009	0	0	2	0	92
2010	0	1	0	1	93
2011	1	1	1	0	95
2012	0	1	0	0	98
2013	1	1	1	0	99
2014	0	2	0	0	101
2015	0	0	4	0	101
2016	1	2	1	1	104
2017	0	0	1	0	106
2018	0	0	3	1	106
Total	138	138	89	35	

Table 21 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2018, by Jurisdiction of Current Residence, Reported through June 30, 2019

Jurisdiction of Current Residence	Total People Aged <13 Living with Diagnosed HIV	
	No.	% of Total
20705	1	6.7%
20706	1	6.7%
20707	1	6.7%
20716	1	6.7%
20735	1	6.7%
20737	1	6.7%
20740	1	6.7%
20743	2	13.3%
20744	1	6.7%
20747	1	6.7%
20748	1	6.7%
20774	1	6.7%
20785	2	13.3%
Total	15	100.0%

Table 22 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2018, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2019

Demographic Characteristic	Total People Aged <13 Living with Diagnosed HIV	
	No.	% of Total
Sex at Birth		
Male	6	40.0%
Female	9	60.0%
Race/Ethnicity		
Hispanic	2	13.3%
Non-Hispanic	13	86.7%
American Indian/Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	11	73.3%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	1	6.7%
Multiracial/Other	1	6.7%
Total	15	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.

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 31st of the specified year and not reported to have died as of December 31st of the specified year.

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

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.

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 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, 2018.

Population Age 13+: Population age 13 years or older, estimate for July 1, 2018.

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 31st of the specified year not reported to have died as of December 31st 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 31st of the specified year.

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

Transgender Female: A person whose sex assigned at birth is male but who identify as a woman.

Transgender Male: A person whose sex assigned at birth is female but who identify as a man.

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

Women of Childbearing Age Living with Diagnosed HIV: Reported HIV diagnoses among women of childbearing age (13-49 years old).