2018

Montgomery County Annual HIV Epidemiological Profile

Data reported through June 30, 2019

Maryland
DEPARTMENT OF HEALTH

Acknowledgements

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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
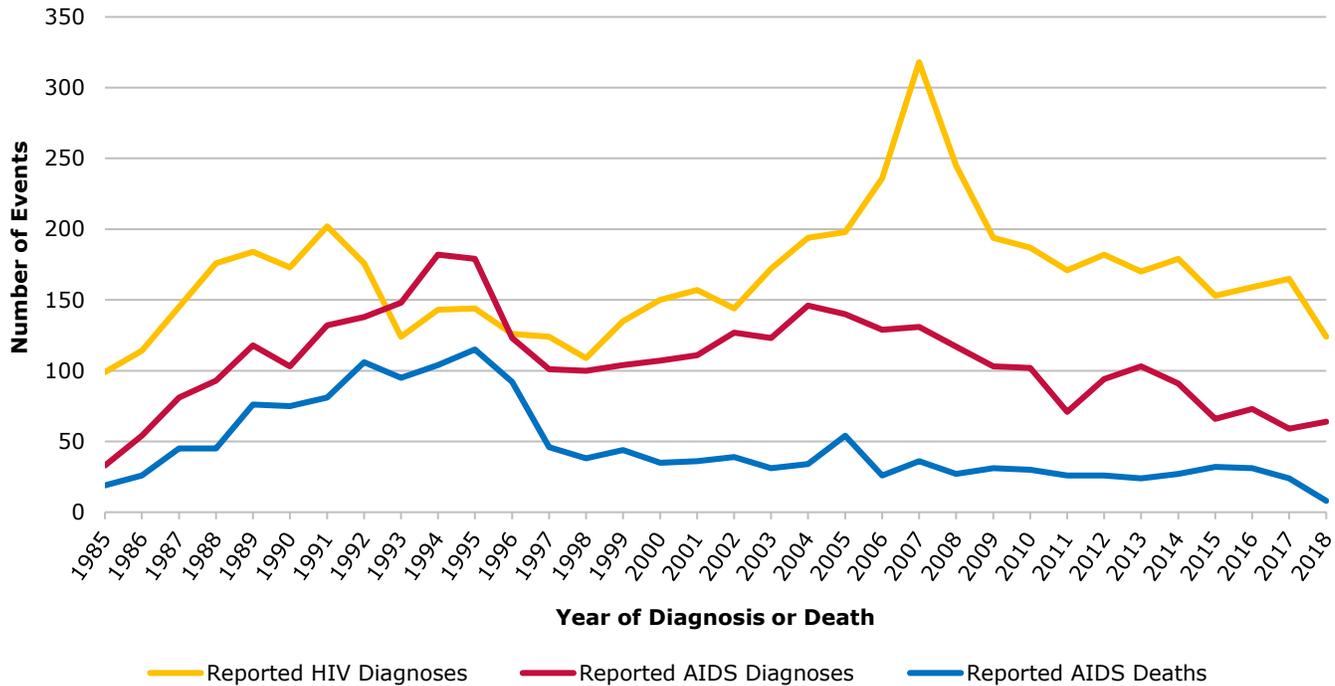
Year of Diagnosis or Death	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	Year of Diagnosis or Death	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	40	15	8	2002	144	127	39
1985	99	33	19	2003	172	123	31
1986	114	54	26	2004	194	146	34
1987	145	81	45	2005	198	140	54
1988	176	93	45	2006	236	129	26
1989	184	118	76	2007	318	131	36
1990	173	103	75	2008	245	117	27
1991	202	132	81	2009	194	103	31
1992	176	138	106	2010	187	102	30
1993	124	148	95	2011	171	71	26
1994	143	182	104	2012	182	94	26
1995	144	179	115	2013	170	103	24
1996	126	123	92	2014	179	91	27
1997	124	101	46	2015	153	66	32
1998	109	100	38	2016	159	73	31
1999	135	104	44	2017*	165	59	24
2000	150	107	35	2018*	124	64	8
2001	157	111	36	Total	5,712	3,661	1,592

*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
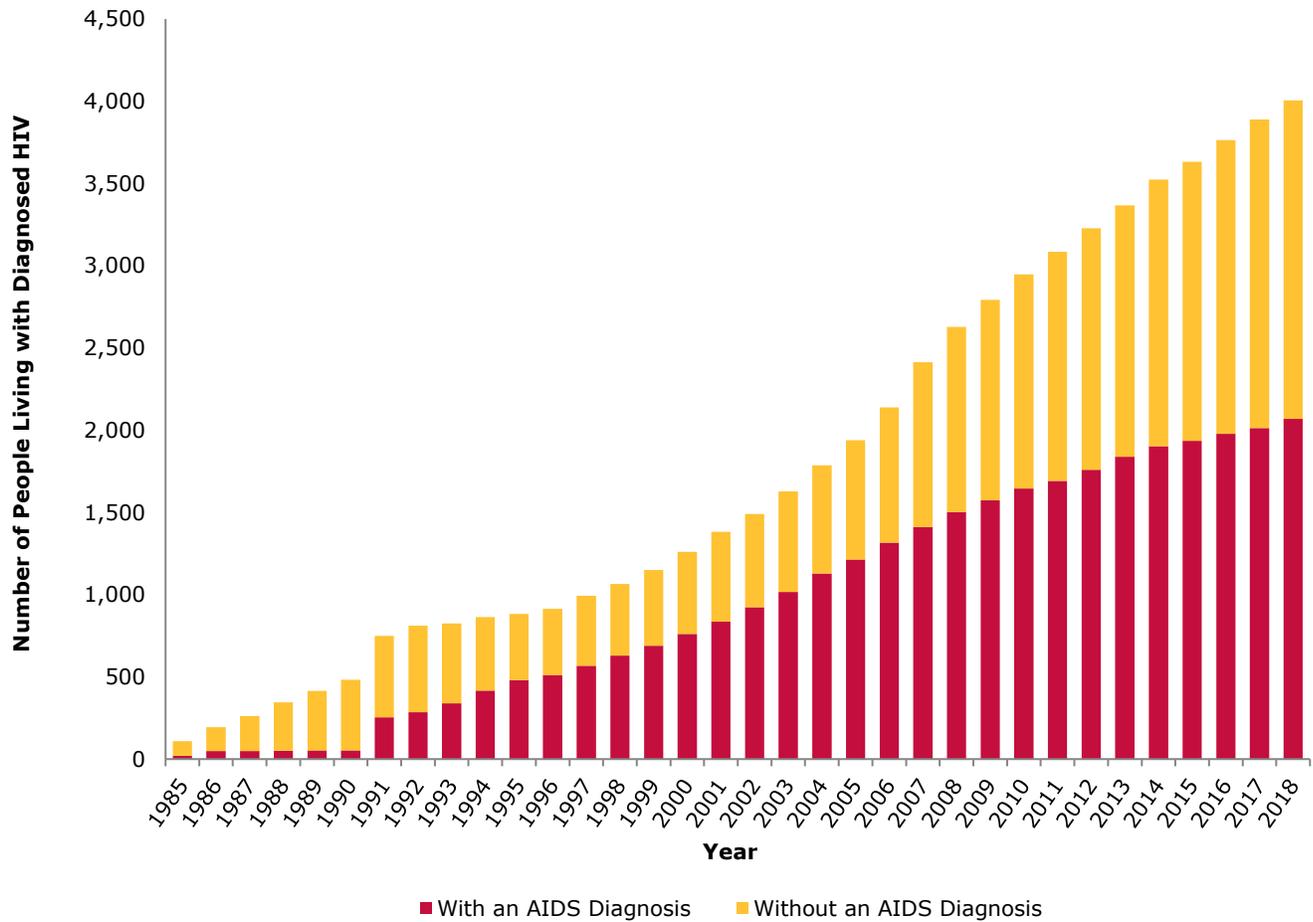
Year	People Living with Diagnosed HIV			Year	People Living with Diagnosed HIV		
	without an AIDS Diagnosis	with an AIDS Diagnosis	Total		without an AIDS Diagnosis	with an AIDS Diagnosis	Total
1985	89	21	110	**2002**	566	924	1,490
1986	146	49	195	**2003**	611	1,016	1,627
1987	211	50	296	**2004**	659	1,128	1,787
1988	294	51	427	**2005**	725	1,214	1,939
1989	362	52	537	**2006**	822	1,317	2,139
1990	430	53	633	**2007**	1,002	1,412	2,414
1991	496	254	750	**2008**	1,125	1,502	2,627
1992	525	286	811	**2009**	1,219	1,574	2,793
1993	486	339	825	**2010**	1,301	1,646	2,947
1994	447	417	864	**2011**	1,394	1,691	3,085
1995	402	481	883	**2012**	1,468	1,759	3,227
1996	402	512	914	**2013**	1,529	1,838	3,367
1997	426	567	993	**2014**	1,622	1,902	3,524
1998	435	629	1,064	**2015**	1,697	1,936	3,633
1999	461	689	1,150	**2016**	1,786	1,978	3,764
2000	499	761	1,260	**2017**	1,876	2,013	3,889
2001	546	836	1,382	**2018**	1,937	2,069	4,006

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 Montgomery County and Not Reported to have Died as of December 31st of Each Year from 2009 through 2018, as Reported through June 30, 2019
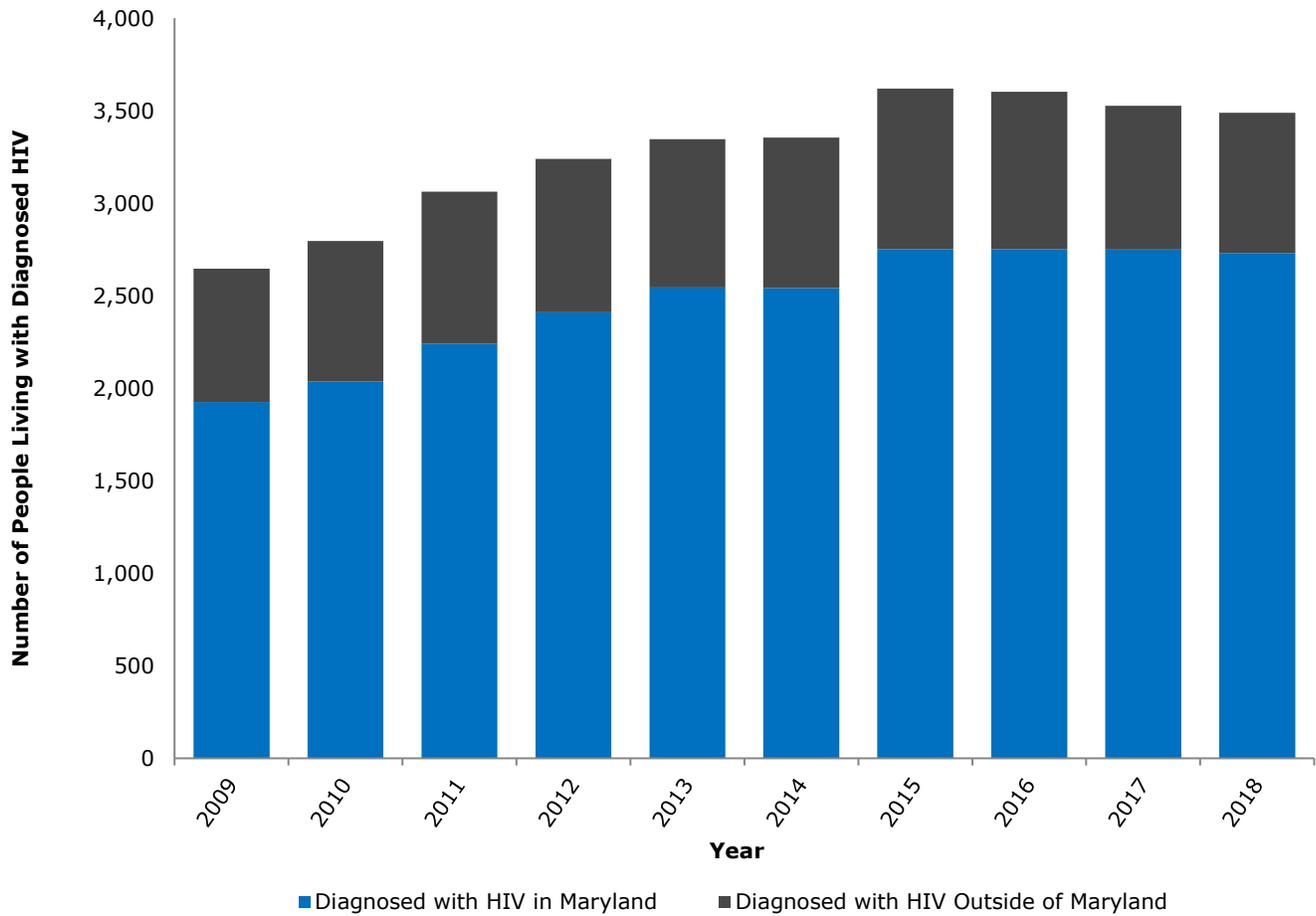
Year	Population Age 13+	Montgomery County Residents Aged 13+ as of December 31st of the Specified Year			
		Diagnosed with HIV in Maryland	Diagnosed with HIV Outside of Maryland	Total	Rate
2009	794,487	1,925	722	2,647	333.2
2010	808,709	2,036	760	2,796	345.7
2011	822,255	2,241	822	3,063	372.5
2012	834,347	2,411	829	3,240	388.3
2013	843,185	2,545	802	3,347	396.9
2014	850,899	2,542	813	3,355	394.3
2015	859,058	2,751	869	3,620	421.4
2016	865,006	2,752	850	3,602	416.4
2017	872,667	2,750	776	3,526	404.1
2018	877,597	2,731	758	3,489	397.6

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
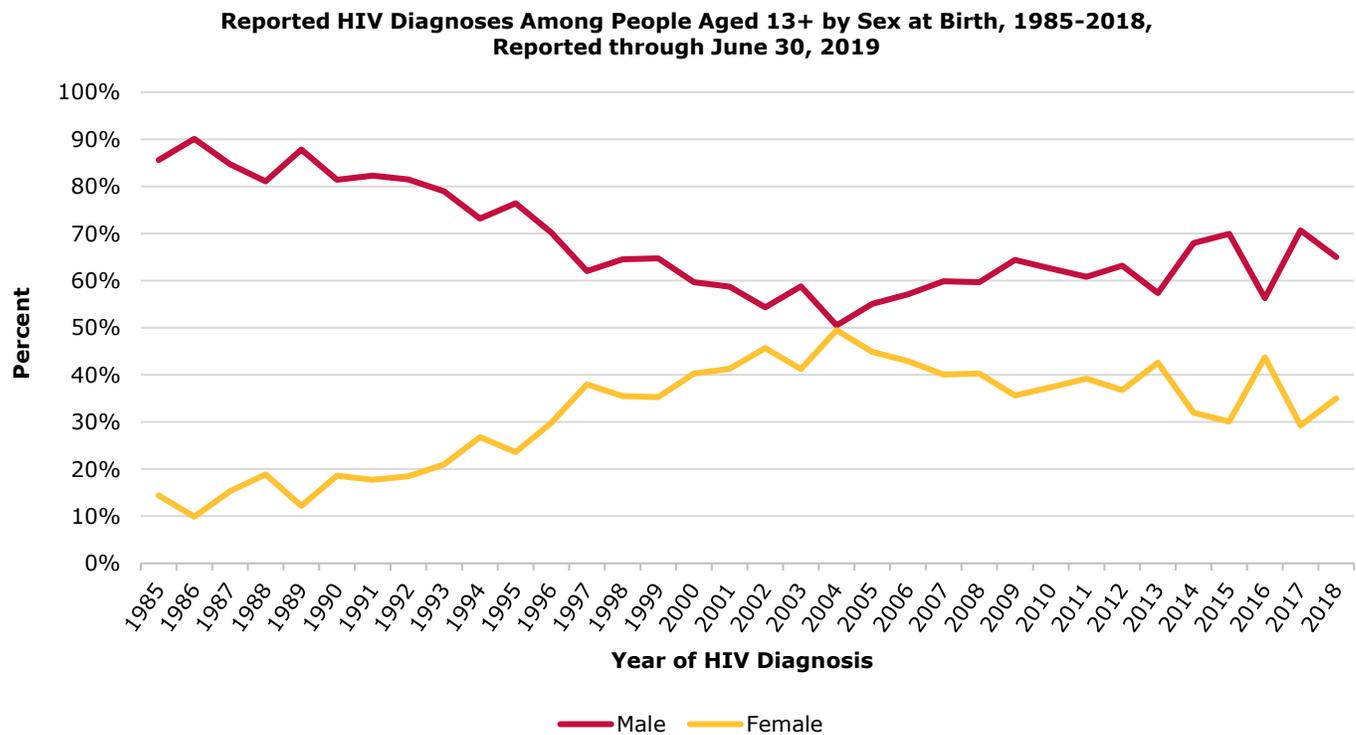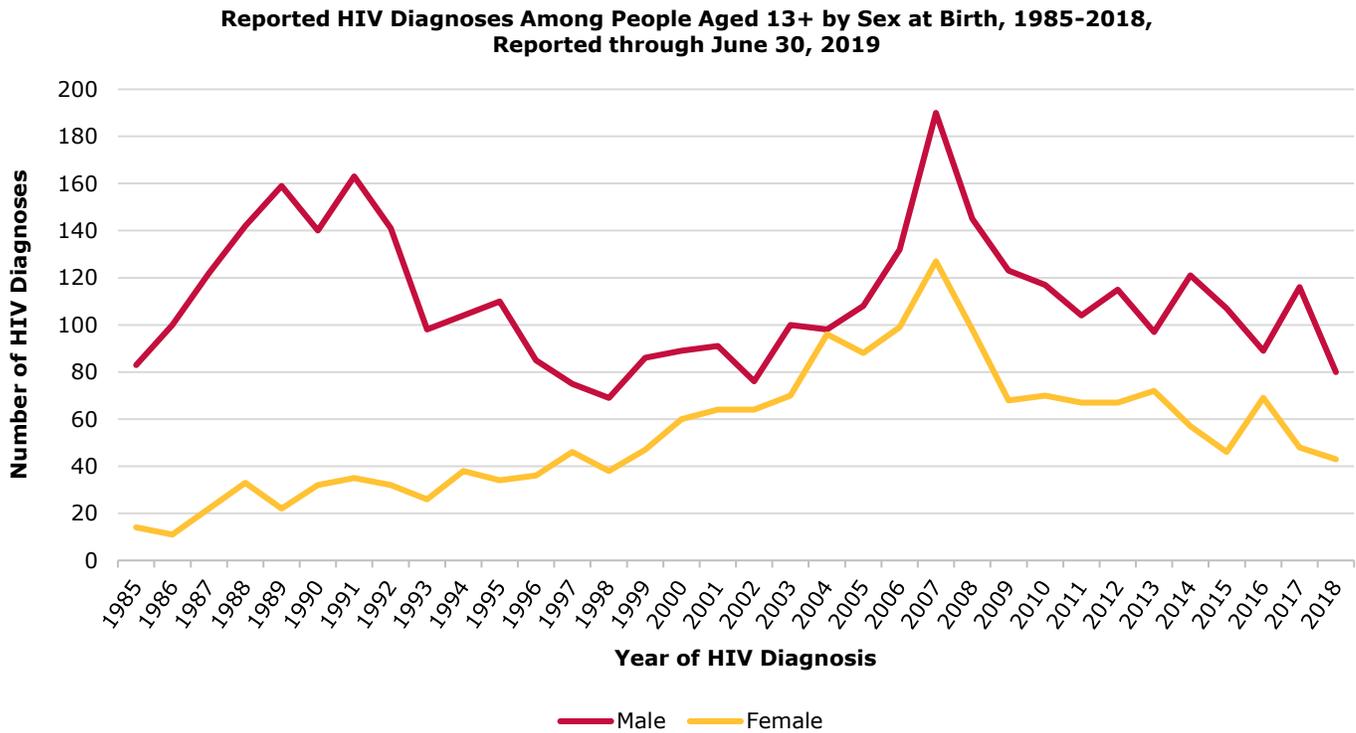
Year of HIV Diagnosis	Number	Reported HIV Diagnoses Among People Aged 13+				
		Sex at Birth				
		Male			Female	
		Number	Percent		Number	Percent
<1985	40	37	92.5%		3	7.5%
1985	97	83	85.6%		14	14.4%
1986	111	100	90.1%		11	9.9%
1987	144	122	84.7%		22	15.3%
1988	175	142	81.1%		33	18.9%
1989	181	159	87.8%		22	12.2%
1990	172	140	81.4%		32	18.6%
1991	198	163	82.3%		35	17.7%
1992	173	141	81.5%		32	18.5%
1993	124	98	79.0%		26	21.0%
1994	142	104	73.2%		38	26.8%
1995	144	110	76.4%		34	23.6%
1996	121	85	70.2%		36	29.8%
1997	121	75	62.0%		46	38.0%
1998	107	69	64.5%		38	35.5%
1999	133	86	64.7%		47	35.3%
2000	149	89	59.7%		60	40.3%
2001	155	91	58.7%		64	41.3%
2002	140	76	54.3%		64	45.7%
2003	170	100	58.8%		70	41.2%
2004	194	98	50.5%		96	49.5%
2005	196	108	55.1%		88	44.9%
2006	231	132	57.1%		99	42.9%
2007	317	190	59.9%		127	40.1%
2008	243	145	59.7%		98	40.3%
2009	191	123	64.4%		68	35.6%
2010	187	117	62.6%		70	37.4%
2011	171	104	60.8%		67	39.2%
2012	182	115	63.2%		67	36.8%
2013	169	97	57.4%		72	42.6%
2014	178	121	68.0%		57	32.0%
2015	153	107	69.9%		46	30.1%
2016	158	89	56.3%		69	43.7%
2017	164	116	70.7%		48	29.3%
2018	123	80	65.0%		43	35.0%
Total	5,654	3,812	67.4%		1,842	32.6%

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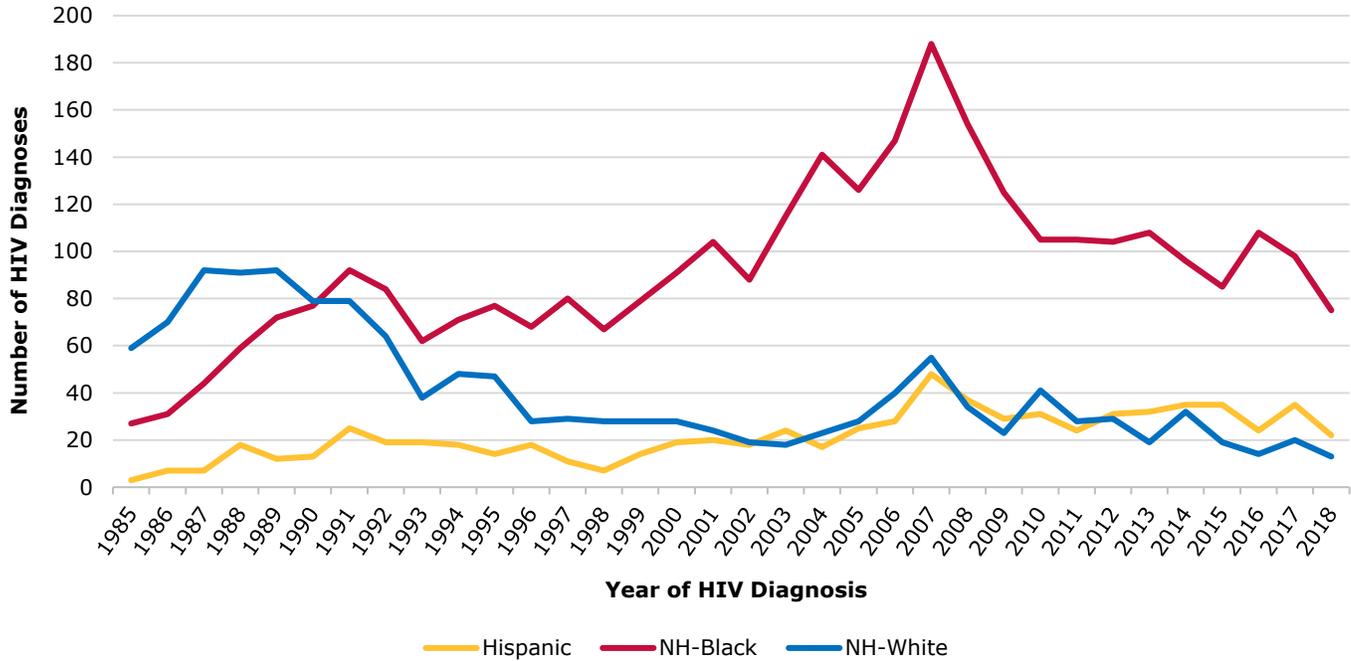
Reported HIV Diagnoses Among People Aged 13+ by Race/Ethnicity, 1985-2018, Reported through June 30, 2019
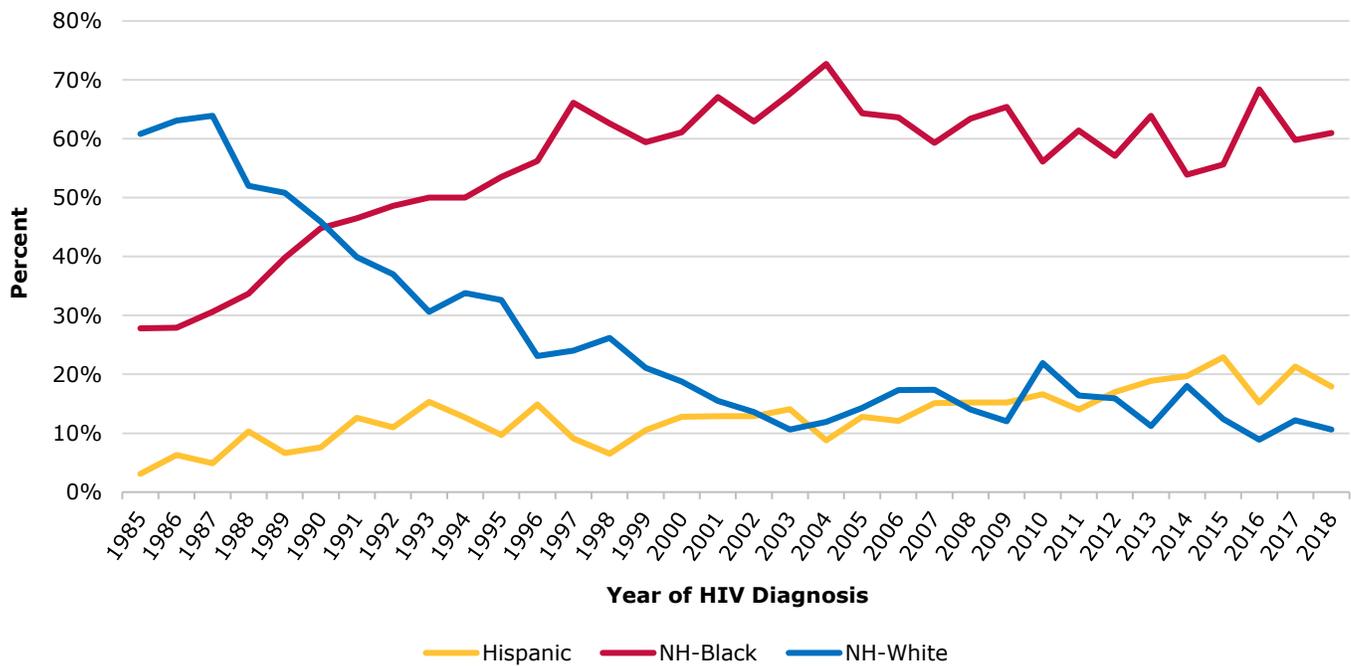
Non-Hispanic Other race not shown

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	40	2	5.0%	14	35.0%	21	52.5%	3	7.5%
1985	97	3	3.1%	27	27.8%	59	60.8%	8	8.2%
1986	111	7	6.3%	31	27.9%	70	63.1%	3	2.7%
1987	144	7	4.9%	44	30.6%	92	63.9%	1	0.7%
1988	175	18	10.3%	59	33.7%	91	52.0%	7	4.0%
1989	181	12	6.6%	72	39.8%	92	50.8%	5	2.8%
1990	172	13	7.6%	77	44.8%	79	45.9%	3	1.7%
1991	198	25	12.6%	92	46.5%	79	39.9%	2	1.0%
1992	173	19	11.0%	84	48.6%	64	37.0%	6	3.5%
1993	124	19	15.3%	62	50.0%	38	30.6%	5	4.0%
1994	142	18	12.7%	71	50.0%	48	33.8%	5	3.5%
1995	144	14	9.7%	77	53.5%	47	32.6%	6	4.2%
1996	121	18	14.9%	68	56.2%	28	23.1%	7	5.8%
1997	121	11	9.1%	80	66.1%	29	24.0%	1	0.8%
1998	107	7	6.5%	67	62.6%	28	26.2%	5	4.7%
1999	133	14	10.5%	79	59.4%	28	21.1%	12	9.0%
2000	149	19	12.8%	91	61.1%	28	18.8%	11	7.4%
2001	155	20	12.9%	104	67.1%	24	15.5%	7	4.5%
2002	140	18	12.9%	88	62.9%	19	13.6%	15	10.7%
2003	170	24	14.1%	115	67.6%	18	10.6%	13	7.6%
2004	194	17	8.8%	141	72.7%	23	11.9%	13	6.7%
2005	196	25	12.8%	126	64.3%	28	14.3%	17	8.7%
2006	231	28	12.1%	147	63.6%	40	17.3%	16	6.9%
2007	317	48	15.1%	188	59.3%	55	17.4%	26	8.2%
2008	243	37	15.2%	154	63.4%	34	14.0%	18	7.4%
2009	191	29	15.2%	125	65.4%	23	12.0%	14	7.3%
2010	187	31	16.6%	105	56.1%	41	21.9%	10	5.3%
2011	171	24	14.0%	105	61.4%	28	16.4%	14	8.2%
2012	182	31	17.0%	104	57.1%	29	15.9%	18	9.9%
2013	169	32	18.9%	108	63.9%	19	11.2%	10	5.9%
2014	178	35	19.7%	96	53.9%	32	18.0%	15	8.4%
2015	153	35	22.9%	85	55.6%	19	12.4%	14	9.2%
2016	158	24	15.2%	108	68.4%	14	8.9%	12	7.6%
2017	164	35	21.3%	98	59.8%	20	12.2%	11	6.7%
2018	123	22	17.9%	75	61.0%	13	10.6%	13	10.6%
Total	5,654	741	13.1%	3,167	56.0%	1,400	24.8%	346	6.1%

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
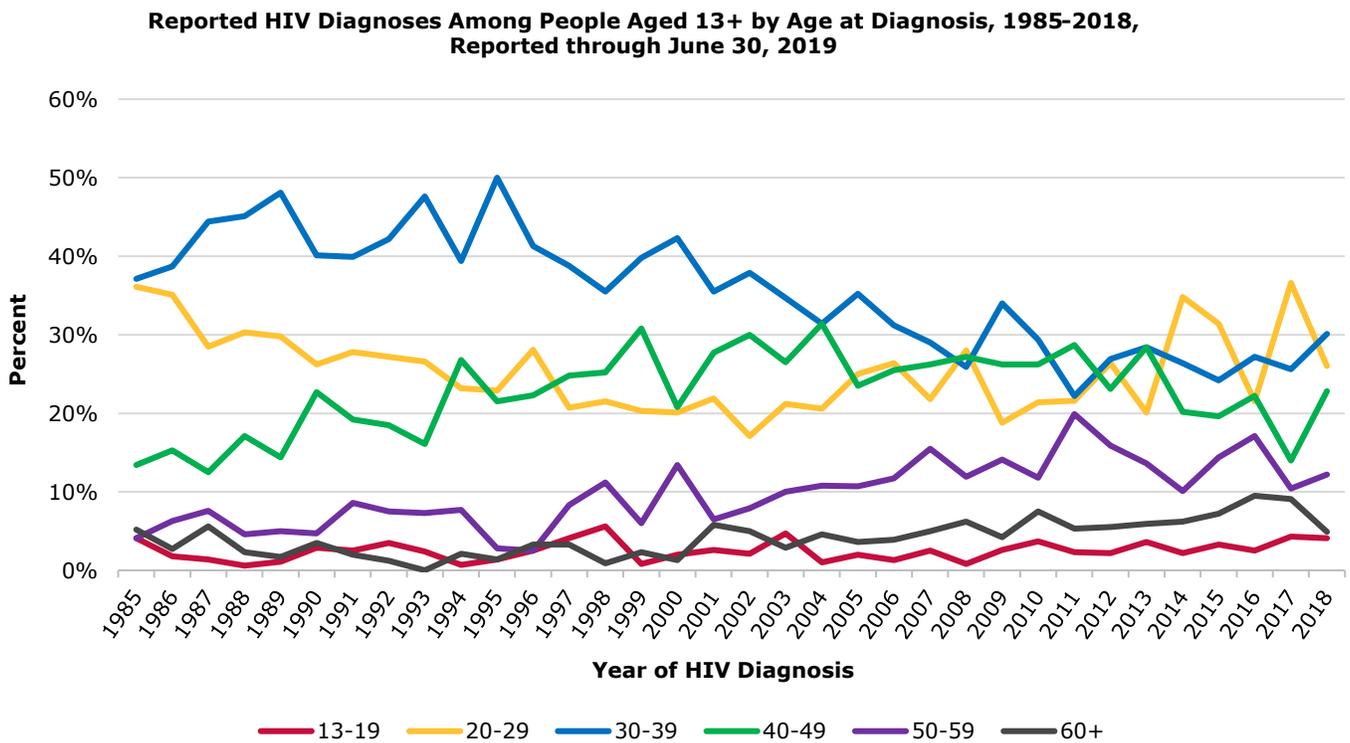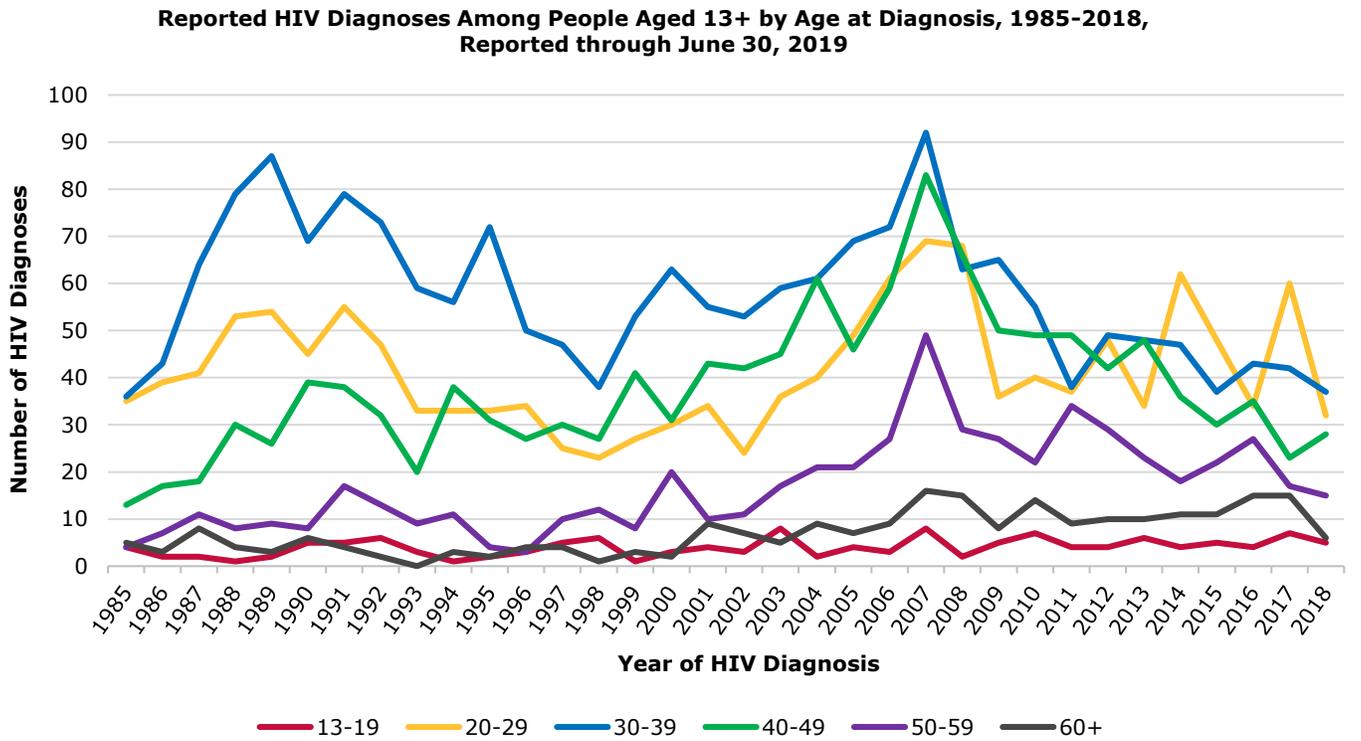
Year of HIV Diagnosis	No.	Reported HIV Diagnoses Among People Aged 13+											
		Age at HIV Diagnosis											
		13-19		20-29		30-39		40-49		50-59		60+	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<1985	40	3	7.5%	12	30.0%	13	32.5%	7	17.5%	3	7.5%	2	5.0%
1985	97	4	4.1%	35	36.1%	36	37.1%	13	13.4%	4	4.1%	5	5.2%
1986	111	2	1.8%	39	35.1%	43	38.7%	17	15.3%	7	6.3%	3	2.7%
1987	144	2	1.4%	41	28.5%	64	44.4%	18	12.5%	11	7.6%	8	5.6%
1988	175	1	0.6%	53	30.3%	79	45.1%	30	17.1%	8	4.6%	4	2.3%
1989	181	2	1.1%	54	29.8%	87	48.1%	26	14.4%	9	5.0%	3	1.7%
1990	172	5	2.9%	45	26.2%	69	40.1%	39	22.7%	8	4.7%	6	3.5%
1991	198	5	2.5%	55	27.8%	79	39.9%	38	19.2%	17	8.6%	4	2.0%
1992	173	6	3.5%	47	27.2%	73	42.2%	32	18.5%	13	7.5%	2	1.2%
1993	124	3	2.4%	33	26.6%	59	47.6%	20	16.1%	9	7.3%	0	0.0%
1994	142	1	0.7%	33	23.2%	56	39.4%	38	26.8%	11	7.7%	3	2.1%
1995	144	2	1.4%	33	22.9%	72	50.0%	31	21.5%	4	2.8%	2	1.4%
1996	121	3	2.5%	34	28.1%	50	41.3%	27	22.3%	3	2.5%	4	3.3%
1997	121	5	4.1%	25	20.7%	47	38.8%	30	24.8%	10	8.3%	4	3.3%
1998	107	6	5.6%	23	21.5%	38	35.5%	27	25.2%	12	11.2%	1	0.9%
1999	133	1	0.8%	27	20.3%	53	39.8%	41	30.8%	8	6.0%	3	2.3%
2000	149	3	2.0%	30	20.1%	63	42.3%	31	20.8%	20	13.4%	2	1.3%
2001	155	4	2.6%	34	21.9%	55	35.5%	43	27.7%	10	6.5%	9	5.8%
2002	140	3	2.1%	24	17.1%	53	37.9%	42	30.0%	11	7.9%	7	5.0%
2003	170	8	4.7%	36	21.2%	59	34.7%	45	26.5%	17	10.0%	5	2.9%
2004	194	2	1.0%	40	20.6%	61	31.4%	61	31.4%	21	10.8%	9	4.6%
2005	196	4	2.0%	49	25.0%	69	35.2%	46	23.5%	21	10.7%	7	3.6%
2006	231	3	1.3%	61	26.4%	72	31.2%	59	25.5%	27	11.7%	9	3.9%
2007	317	8	2.5%	69	21.8%	92	29.0%	83	26.2%	49	15.5%	16	5.0%
2008	243	2	0.8%	68	28.0%	63	25.9%	66	27.2%	29	11.9%	15	6.2%
2009	191	5	2.6%	36	18.8%	65	34.0%	50	26.2%	27	14.1%	8	4.2%
2010	187	7	3.7%	40	21.4%	55	29.4%	49	26.2%	22	11.8%	14	7.5%
2011	171	4	2.3%	37	21.6%	38	22.2%	49	28.7%	34	19.9%	9	5.3%
2012	182	4	2.2%	48	26.4%	49	26.9%	42	23.1%	29	15.9%	10	5.5%
2013	169	6	3.6%	34	20.1%	48	28.4%	48	28.4%	23	13.6%	10	5.9%
2014	178	4	2.2%	62	34.8%	47	26.4%	36	20.2%	18	10.1%	11	6.2%
2015	153	5	3.3%	48	31.4%	37	24.2%	30	19.6%	22	14.4%	11	7.2%
2016	158	4	2.5%	34	21.5%	43	27.2%	35	22.2%	27	17.1%	15	9.5%
2017	164	7	4.3%	60	36.6%	42	25.6%	23	14.0%	17	10.4%	15	9.1%
2018	123	5	4.1%	32	26.0%	37	30.1%	28	22.8%	15	12.2%	6	4.9%
Total	5,654	139	2.5%	1,431	25.3%	1,966	34.8%	1,300	23.0%	576	10.2%	242	4.3%

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
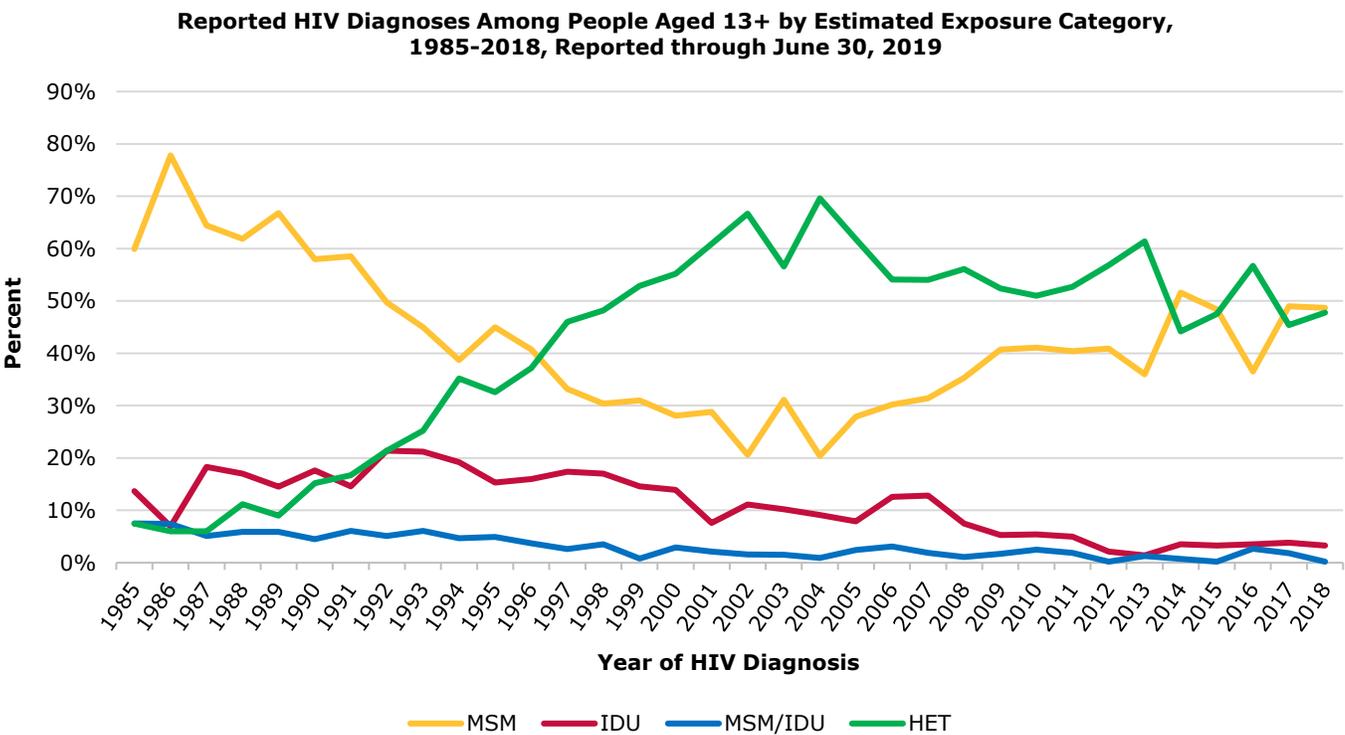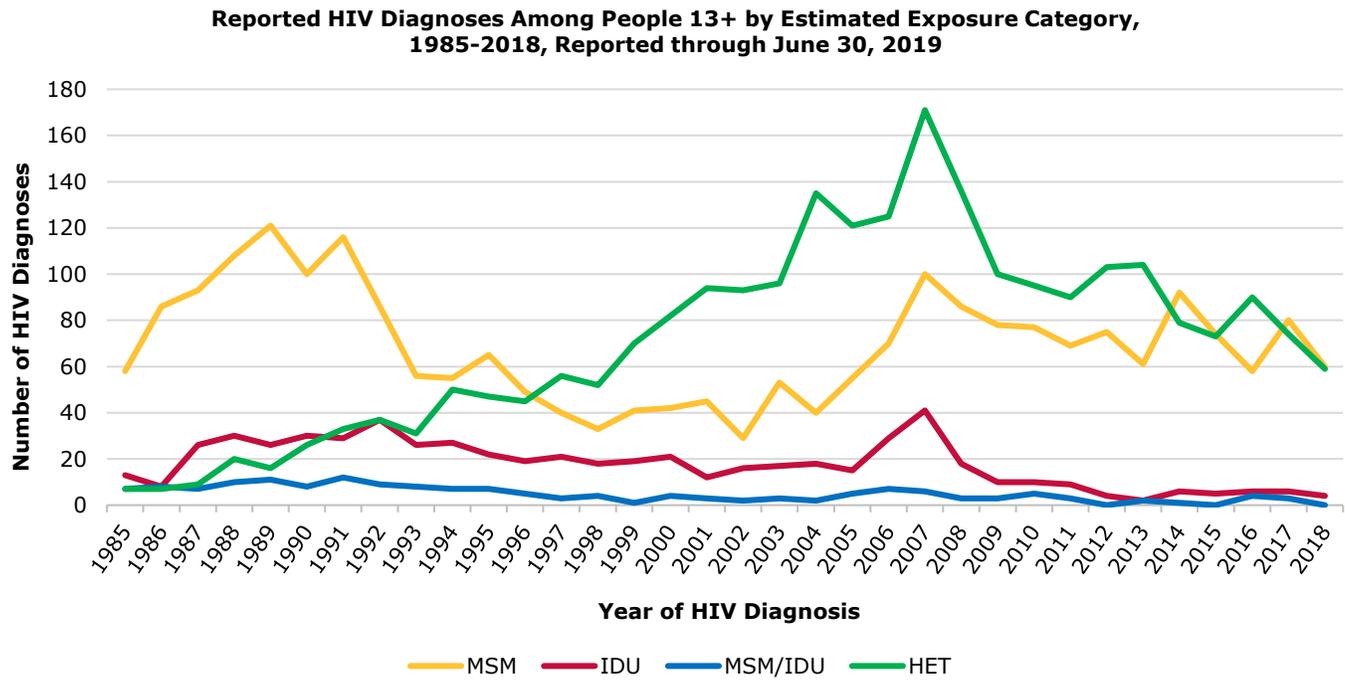
Other exposure category not shown
§ Multiple imputation was used to estimate and adjust for missing exposure category.

Year of HIV Diagnosis	No.	% with No Reported Exposure¥	MSM		IDU		MSM/IDU		HET		Other Exposure	
			No.	%	No.	%	No.	%	No.	%	No.	%
<1985	40	7.5%	27	68.5%	3	7.3%	5	12.8%	3	6.5%	2	5.0%
1985	97	5.2%	58	59.9%	13	13.7%	7	7.5%	7	7.5%	11	11.3%
1986	111	3.6%	86	77.8%	8	6.9%	8	7.4%	7	6.0%	2	1.8%
1987	144	4.9%	93	64.4%	26	18.3%	7	5.1%	9	6.0%	9	6.3%
1988	175	11.4%	108	61.9%	30	17.0%	10	5.9%	20	11.2%	7	4.0%
1989	181	7.2%	121	66.8%	26	14.5%	11	5.9%	16	9.0%	7	3.9%
1990	172	8.1%	100	58.0%	30	17.6%	8	4.5%	26	15.2%	8	4.7%
1991	198	11.6%	116	58.5%	29	14.6%	12	6.1%	33	16.7%	8	4.0%
1992	173	13.9%	86	49.7%	37	21.4%	9	5.1%	37	21.4%	4	2.3%
1993	124	13.7%	56	45.0%	26	21.2%	8	6.1%	31	25.2%	3	2.4%
1994	142	14.1%	55	38.7%	27	19.2%	7	4.7%	50	35.2%	3	2.1%
1995	144	13.2%	65	45.0%	22	15.3%	7	4.9%	47	32.6%	3	2.1%
1996	121	14.0%	49	40.7%	19	16.0%	5	3.7%	45	37.2%	3	2.5%
1997	121	16.5%	40	33.2%	21	17.4%	3	2.6%	56	46.0%	1	0.8%
1998	107	11.2%	33	30.4%	18	17.0%	4	3.5%	52	48.2%	1	0.9%
1999	133	13.5%	41	31.0%	19	14.6%	1	0.8%	70	52.9%	1	0.8%
2000	149	16.1%	42	28.1%	21	13.9%	4	2.9%	82	55.2%	0	0.0%
2001	155	18.1%	45	28.8%	12	7.6%	3	2.1%	94	60.9%	1	0.6%
2002	140	17.9%	29	20.6%	16	11.1%	2	1.6%	93	66.7%	0	0.0%
2003	170	12.9%	53	31.1%	17	10.2%	3	1.5%	96	56.6%	1	0.6%
2004	194	20.1%	40	20.4%	18	9.1%	2	0.9%	135	69.6%	0	0.0%
2005	196	14.8%	55	27.9%	15	7.9%	5	2.4%	121	61.8%	0	0.0%
2006	231	29.9%	70	30.2%	29	12.6%	7	3.1%	125	54.1%	0	0.0%
2007	317	33.1%	100	31.4%	41	12.8%	6	1.9%	171	54.0%	0	0.0%
2008	243	42.4%	86	35.3%	18	7.5%	3	1.1%	136	56.1%	0	0.0%
2009	191	32.5%	78	40.7%	10	5.3%	3	1.7%	100	52.4%	0	0.0%
2010	187	41.2%	77	41.1%	10	5.4%	5	2.5%	95	51.0%	0	0.0%
2011	171	41.5%	69	40.4%	9	5.0%	3	1.9%	90	52.7%	0	0.0%
2012	182	21.4%	75	40.9%	4	2.1%	0	0.2%	103	56.8%	0	0.0%
2013	169	16.6%	61	36.0%	2	1.4%	2	1.3%	104	61.4%	0	0.0%
2014	178	17.4%	92	51.6%	6	3.5%	1	0.7%	79	44.2%	0	0.0%
2015	153	11.8%	74	48.4%	5	3.3%	0	0.2%	73	47.5%	1	0.7%
2016	158	19.0%	58	36.5%	6	3.5%	4	2.7%	90	56.7%	1	0.6%
2017	164	18.9%	80	49.0%	6	3.8%	3	1.8%	74	45.4%	0	0.0%
2018	123	27.6%	60	48.7%	4	3.3%	0	0.2%	59	47.8%	0	0.0%
Total	5,654	19.5%	2,378	42.1%	603	10.7%	168	3.0%	2,429	43.0%	77	1.4%

§ 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 Montgomery County Residents Aged 13+, Reported through June 30, 2019

The prevalence-based Montgomery 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 Montgomery County. Maryland surveillance data is then used to describe the number and percentage of persons living with HIV in Montgomery 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

Among current Montgomery Co. residents living with HIV | Among 2018 HIV diagnoses
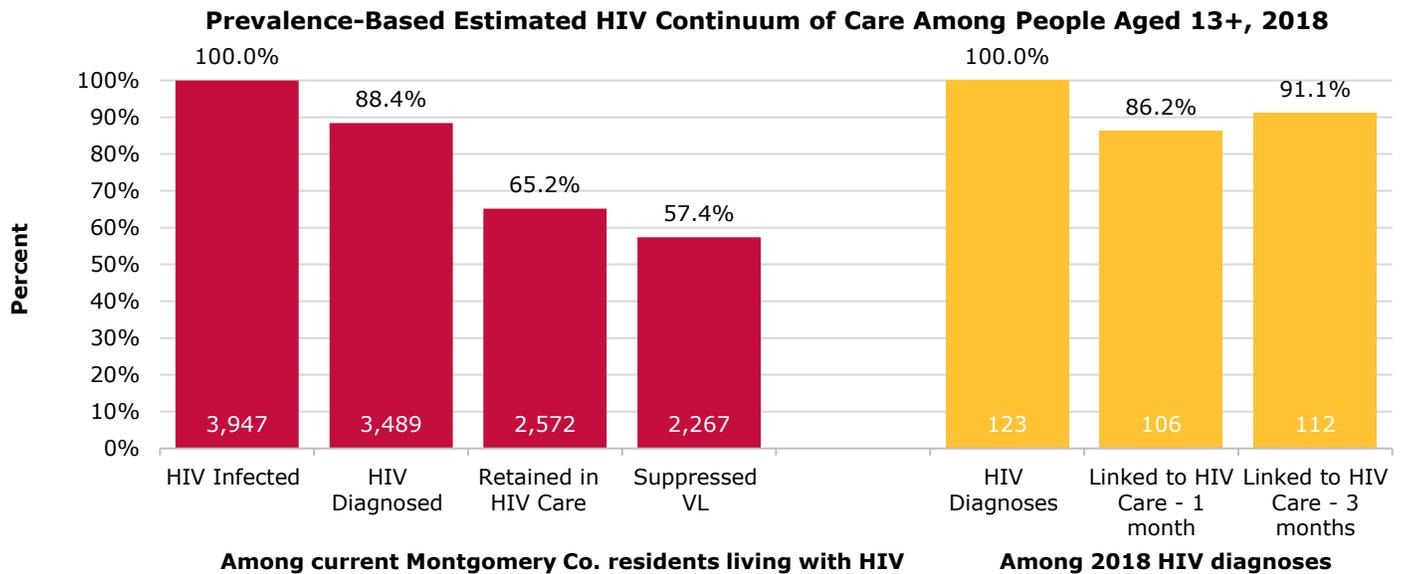
Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2018 HIV Diagnoses	
	Number	Percent		Number	Percent
HIV Infected	3,947	100.0%	New HIV Diagnoses	123	100.0%
HIV Diagnosed	3,489	88.4%	Linked to HIV Care – 1 Month	106	86.2%
Retained in HIV Care	2,572	65.2%	Linked to HIV Care – 3 Months	112	91.1%
Suppressed VL	2,267	57.4%			

[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 Montgomery Residents Aged 13+, Reported through June 30, 2019

The diagnosis-based Montgomery County Engagement in HIV Care Cascade (below) uses Maryland surveillance data for current Montgomery County residents to describe the number and percentage of persons living with diagnosed HIV in Montgomery 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
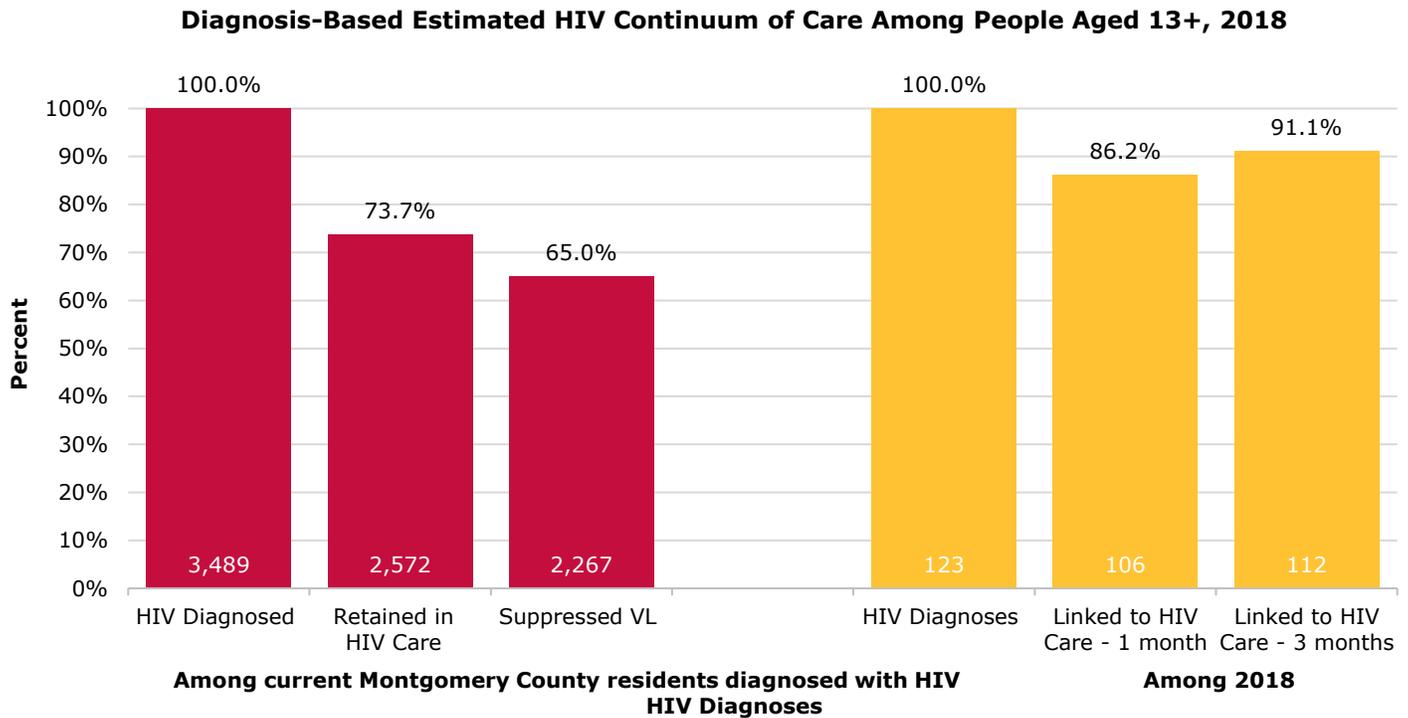
Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2018 HIV Diagnoses	
	Number	**Percent**		**Number**	**Percent**
HIV Diagnosed	3,489	100.0%	New HIV Diagnoses	123	100.0%
Retained in HIV Care	2,572	73.7%	Linked to HIV Care – 1 Month	106	86.2%
Suppressed VL	2,267	65.0%	Linked to HIV Care – 3 Months	112	91.1%

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
20705	158	0	0.0%	0.0	--	--	--	--	--
20707	289	0	0.0%	0.0	--	--	--	--	--
20777	42	0	0.0%	0.0	--	--	--	--	--
20812	221	0	0.0%	0.0	--	--	--	--	--
20814	25,998	3	2.4%	11.5	***	***	***	***	***
20815	26,954	2	1.6%	7.4	***	***	***	***	***
20816	14,353	0	0.0%	0.0	--	--	--	--	--
20817	32,273	2	1.6%	6.2	***	***	***	***	***
20818	1,816	0	0.0%	0.0	--	--	--	--	--
20832	22,568	1	0.8%	4.4	***	***	***	***	***
20833	6,782	0	0.0%	0.0	--	--	--	--	--
20837	5,254	0	0.0%	0.0	--	--	--	--	--
20838	240	0	0.0%	0.0	--	--	--	--	--
20839	203	0	0.0%	0.0	--	--	--	--	--
20841	8,909	2	1.6%	22.4	***	***	***	***	***
20842	1,403	0	0.0%	0.0	--	--	--	--	--
20850	42,376	5	4.1%	11.8	***	***	0.0%	100.0%	586
20851	13,068	4	3.3%	30.6	***	***	***	***	***
20852	38,358	4	3.3%	10.4	***	***	***	***	***
20853	27,008	3	2.4%	11.1	***	***	***	***	***
20854	44,926	0	0.0%	0.0	--	--	--	--	--
20855	13,273	1	0.8%	7.5	***	***	***	***	***
20860	2,212	0	0.0%	0.0	--	--	--	--	--
20861	1,727	0	0.0%	0.0	--	--	--	--	--
20862	332	0	0.0%	0.0	--	--	--	--	--
20866	11,866	3	2.4%	25.3	***	***	***	***	***
20868	721	0	0.0%	0.0	--	--	--	--	--
20871	10,487	1	0.8%	9.5	***	***	***	***	***
20872	11,643	0	0.0%	0.0	--	--	--	--	--
20874	50,370	14	11.4%	27.8	78.6%	78.6%	***	100.0%	434
20876	22,144	2	1.6%	9.0	***	***	***	***	***
20877	30,490	5	4.1%	16.4	***	100.0%	***	100.0%	366
20878	55,620	4	3.3%	7.2	***	***	***	***	***
20879	21,680	1	0.8%	4.6	***	***	***	***	***
20880	429	0	0.0%	0.0	--	--	--	--	--
20882	12,779	0	0.0%	0.0	--	--	--	--	--
20886	29,770	6	4.9%	20.2	***	***	***	83.3%	151
20895	16,902	0	0.0%	0.0	--	--	--	--	--
20896	814	0	0.0%	0.0	--	--	--	--	--
20899	150	0	0.0%	0.0	--	--	--	--	--
20901	30,923	3	2.4%	9.7	***	***	***	***	***

20902	43,546	11	8.9%	25.3	90.9%	90.9%	45.5%	90.9%	183
20903	15,979	5	4.1%	31.3	***	100.0%	***	100.0%	565
20904	49,219	13	10.6%	26.4	92.3%	92.3%	***	100.0%	464
20905	16,635	2	1.6%	12.0	***	***	***	***	***
20906	59,676	14	11.4%	23.5	92.9%	92.9%	42.9%	92.9%	201
20910	35,494	9	7.3%	25.4	66.7%	88.9%	***	88.9%	392
20912	19,283	3	2.4%	15.6	***	***	***	***	***
21771	233	0	0.0%	0.0	--	--	--	--	--
Unknown	--	0	0.0%	--	--	--	--	--	--
Total	877,597	123	100.0%	14.0	86.2%	91.1%	24.4%	95.1%	358

*** 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
20705	158	***	***	***	***	***
20707	289	0	0.0%	0.0	--	--
20777	42	0	0.0%	0.0	--	--
20812	221	0	0.0%	0.0	--	--
20814	25,998	0	0.0%	0.0	--	--
20815	26,954	1	1.6%	3.7	***	***
20816	14,353	0	0.0%	0.0	--	--
20817	32,273	0	0.0%	0.0	--	--
20818	1,816	0	0.0%	0.0	--	--
20832	22,568	2	3.2%	8.9	***	***
20833	6,782	0	0.0%	0.0	--	--
20837	5,254	***	***	***	***	***
20838	240	0	0.0%	0.0	--	--
20839	203	0	0.0%	0.0	--	--
20841	8,909	2	3.2%	22.4	***	***
20842	1,403	0	0.0%	0.0	--	--
20850	42,376	0	0.0%	0.0	--	--
20851	13,068	3	4.8%	23.0	***	***
20852	38,358	0	0.0%	0.0	--	--
20853	27,008	1	1.6%	3.7	***	***
20854	44,926	0	0.0%	0.0	--	--
20855	13,273	0	0.0%	0.0	--	--
20860	2,212	0	0.0%	0.0	--	--
20861	1,727	0	0.0%	0.0	--	--
20862	332	0	0.0%	0.0	--	--
20866	11,866	1	1.6%	8.4	***	***
20868	721	0	0.0%	0.0	--	--
20871	10,487	0	0.0%	0.0	--	--
20872	11,643	0	0.0%	0.0	--	--
20874	50,370	3	4.8%	6.0	***	***
20876	22,144	0	0.0%	0.0	--	--
20877	30,490	2	3.2%	6.6	***	***
20878	55,620	2	3.2%	3.6	***	***
20879	21,680	2	3.2%	9.2	***	***
20880	429	0	0.0%	0.0	--	--
20882	12,779	1	1.6%	7.8	***	***
20886	29,770	4	6.3%	13.4	***	***
20895	16,902	0	0.0%	0.0	--	--
20896	814	0	0.0%	0.0	--	--
20899	150	0	0.0%	0.0	--	--
20901	30,923	1	1.6%	3.2	***	***
20902	43,546	6	9.5%	13.8	0.2	83.3%
20903	15,979	2	3.2%	12.5	***	***
20904	49,219	8	12.7%	16.3	4.8	25.0%
20905	16,635	1	1.6%	6.0	***	***

20906	59,676	13	20.6%	21.8	4.2	46.2%
20910	35,494	4	6.3%	11.3	***	***
20912	19,283	2	3.2%	10.4	***	***
21771	233	0	0.0%	0.0	--	--
Unknown	--	0	0.0%	--	--	--
TOTAL	877,597	63	100.0%	7.2	4.1	49.2%

*** 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)	
20705	158	***	***	***	***	***	***	***	***	***
20707	289	***	***	***	***	***	***	***	***	***
20777	42	0	0.0%	0.0	--	0	0.0%	0.0	--	--
20812	221	0	0.0%	0.0	--	0	0.0%	0.0	--	--
20814	25,998	64	1.6%	246.2	406	57	1.6%	219.3	456	-10.9%
20815	26,954	41	1.0%	152.1	657	34	1.0%	126.1	793	-17.1%
20816	14,353	27	0.7%	188.1	532	18	0.5%	125.4	797	-33.3%
20817	32,273	47	1.2%	145.6	687	48	1.4%	148.7	672	2.1%
20818	1,816	4	0.1%	220.2	454	4	0.1%	220.2	454	0.0%
20832	22,568	30	0.7%	132.9	752	37	1.1%	164.0	610	23.3%
20833	6,782	9	0.2%	132.7	754	8	0.2%	118.0	848	-11.1%
20837	5,254	6	0.1%	114.2	876	7	0.2%	133.2	751	16.7%
20838	240	***	***	***	***	***	***	***	***	***
20839	203	0	0.0%	0.0	--	0	0.0%	0.0	--	--
20841	8,909	13	0.3%	145.9	685	22	0.6%	246.9	405	69.2%
20842	1,403	1	0.0%	71.3	1,403	2	0.1%	142.5	702	100.0%
20850	42,376	133	3.3%	313.9	319	114	3.3%	269.0	372	-14.3%
20851	13,068	53	1.3%	405.6	247	72	2.1%	551.0	181	35.8%
20852	38,358	126	3.1%	328.5	304	108	3.1%	281.6	355	-14.3%
20853	27,008	70	1.7%	259.2	386	72	2.1%	266.6	375	2.9%
20854	44,926	53	1.3%	118.0	848	36	1.0%	80.1	1,248	-32.1%
20855	13,273	33	0.8%	248.6	402	23	0.7%	173.3	577	-30.3%
20860	2,212	4	0.1%	180.9	553	2	0.1%	90.4	1,106	-50.0%
20861	1,727	4	0.1%	231.6	432	5	0.1%	289.5	345	25.0%
20862	332	0	0.0%	0.0	--	0	0.0%	0.0	--	--
20866	11,866	76	1.9%	640.5	156	83	2.4%	699.5	143	9.2%
20868	721	***	***	***	***	***	***	***	***	***
20871	10,487	17	0.4%	162.1	617	31	0.9%	295.6	338	82.4%
20872	11,643	17	0.4%	146.0	685	9	0.3%	77.3	1,294	-47.1%
20874	50,370	238	5.9%	472.5	212	218	6.2%	432.8	231	-8.4%
20876	22,144	66	1.6%	298.1	336	81	2.3%	365.8	273	22.7%
20877	30,490	184	4.6%	603.5	166	137	3.9%	449.3	223	-25.5%
20878	55,620	127	3.2%	228.3	438	107	3.1%	192.4	520	-15.7%
20879	21,680	95	2.4%	438.2	228	90	2.6%	415.1	241	-5.3%
20880	429	0	0.0%	0.0	--	0	0.0%	0.0	--	--
20882	12,779	19	0.5%	148.7	673	20	0.6%	156.5	639	5.3%
20886	29,770	123	3.1%	413.2	242	139	4.0%	466.9	214	13.0%
20895	16,902	48	1.2%	284.0	352	36	1.0%	213.0	470	-25.0%
20896	814	***	***	***	***	***	***	***	***	***
20899	150	***	***	***	***	***	***	***	***	***
20901	30,923	198	4.9%	640.3	156	200	5.7%	646.8	155	1.0%
20902	43,546	285	7.1%	654.5	153	243	7.0%	558.0	179	-14.7%
20903	15,979	169	4.2%	1,057.6	95	104	3.0%	650.8	154	-38.5%
20904	49,219	444	11.1%	902.1	111	396	11.3%	804.6	124	-10.8%

20905	16,635	49	1.2%	294.6	339	57	1.6%	342.6	292	16.3%
20906	59,676	374	9.3%	626.7	160	351	10.1%	588.2	170	-6.1%
20910	35,494	358	8.9%	1,008.6	99	285	8.2%	803.0	125	-20.4%
20912	19,283	280	7.0%	1,452.1	69	192	5.5%	995.7	100	-31.4%
21771	233	***	***	***	***	***	***	***	***	***
Unknown	--	83	2.1%	--	--	30	0.9%	--	--	--
TOTAL	877,597	4,001	100.0%	455.9	219	3,489	100.0%	397.6	252	-12.8%

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							
					Recent CD4 Test Result			
	No.	No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
20705	***	***	***	***	***	***	***	***
20707	***	***	***	***	***	***	***	***
20777	0	--	--	--	--	--	--	--
20812	0	--	--	--	--	--	--	--
20814	57	39	68.4%	672	5.1%	10.3%	7.7%	76.9%
20815	34	30	88.2%	568	13.3%	13.3%	6.7%	66.7%
20816	18	12	66.7%	657	0.0%	0.0%	25.0%	75.0%
20817	48	30	62.5%	835	0.0%	3.3%	10.0%	86.7%
20818	4	***	***	***	***	***	***	***
20832	37	30	81.1%	630	3.3%	13.3%	20.0%	63.3%
20833	8	***	***	***	***	***	***	***
20837	7	6	85.7%	633	33.3%	0.0%	0.0%	66.7%
20838	0	--	--	--	--	--	--	--
20839	0	--	--	--	--	--	--	--
20841	22	19	86.4%	632	15.8%	15.8%	10.5%	57.9%
20842	2	***	***	***	***	***	***	***
20850	114	84	73.7%	596	3.6%	19.0%	10.7%	66.7%
20851	72	57	79.2%	665	3.5%	12.3%	21.1%	63.2%
20852	108	70	64.8%	630	1.4%	4.3%	15.7%	78.6%
20853	72	58	80.6%	693	0.0%	13.8%	24.1%	62.1%
20854	36	17	47.2%	509	5.9%	23.5%	11.8%	58.8%
20855	23	20	87.0%	595	10.0%	20.0%	5.0%	65.0%
20860	2	***	***	***	***	***	***	***
20861	5	***	***	***	***	***	***	***
20862	0	--	--	--	--	--	--	--
20866	83	68	81.9%	590	4.4%	11.8%	19.1%	64.7%
20868	***	***	***	***	***	***	***	***
20871	31	25	80.6%	585	0.0%	4.0%	24.0%	72.0%
20872	9	7	77.8%	656	0.0%	14.3%	0.0%	85.7%
20874	218	144	66.1%	599	5.6%	16.7%	11.1%	66.7%
20876	81	51	63.0%	545	11.8%	5.9%	25.5%	56.9%
20877	137	99	72.3%	606	13.1%	7.1%	15.2%	64.6%
20878	107	84	78.5%	614	9.5%	9.5%	13.1%	67.9%
20879	90	73	81.1%	674	8.2%	8.2%	16.4%	67.1%
20880	0	--	--	--	--	--	--	--
20882	20	13	65.0%	629	15.4%	7.7%	7.7%	69.2%
20886	139	108	77.7%	588	7.4%	10.2%	20.4%	62.0%
20895	36	25	69.4%	588	0.0%	8.0%	28.0%	64.0%
20896	***	***	***	***	***	***	***	***
20899	***	***	***	***	***	***	***	***
20901	200	146	73.0%	623	6.2%	11.0%	20.5%	62.3%
20902	243	177	72.8%	629	7.3%	13.0%	15.3%	64.4%
20903	104	73	70.2%	571	4.1%	8.2%	24.7%	63.0%
20904	396	288	72.7%	590	5.9%	12.8%	18.1%	63.2%
20905	57	44	77.2%	603	9.1%	9.1%	11.4%	70.5%

20906	351	240	68.4%	566	9.6%	12.5%	16.7%	61.3%
20910	285	200	70.2%	630	7.5%	16.0%	11.5%	65.0%
20912	192	146	76.0%	585	4.8%	14.4%	16.4%	64.4%
21771	***	***	***	***	***	***	***	***
Unknown	28	14	50.0%	587	0.0%	0.0%	28.6%	71.4%
TOTAL	3,489	2,518	72.2%	608	6.8%	11.9%	16.4%	65.0%

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	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
20705	***	***	***	***	***
20707	***	***	***	***	***
20777	0	--	--	--	--
20812	0	--	--	--	--
20814	57	38	66.7%	94.7%	708
20815	34	30	88.2%	90.0%	325,000
20816	18	13	72.2%	92.3%	835
20817	48	30	62.5%	93.3%	1,285
20818	4	***	***	***	***
20832	37	30	81.1%	90.0%	1,230
20833	8	***	***	***	***
20837	7	5	71.4%	100.0%	--
20838	0	--	--	--	--
20839	0	--	--	--	--
20841	22	19	86.4%	100.0%	--
20842	2	***	***	***	***
20850	114	85	74.6%	89.4%	66,900
20851	72	56	77.8%	94.6%	38,300
20852	108	72	66.7%	91.7%	207,000
20853	72	58	80.6%	93.1%	760
20854	36	16	44.4%	93.8%	389,000
20855	23	20	87.0%	70.0%	87,180
20860	2	***	***	***	***
20861	5	***	***	***	***
20862	0	--	--	--	--
20866	83	69	83.1%	87.0%	1,360
20868	***	***	***	***	***
20871	31	26	83.9%	92.3%	8,775
20872	9	7	77.8%	85.7%	468
20874	218	140	64.2%	88.6%	11,226
20876	81	52	64.2%	84.6%	1,344
20877	137	99	72.3%	90.9%	6,417
20878	107	83	77.6%	86.7%	1,547
20879	90	73	81.1%	86.3%	42,305
20880	0	--	--	--	--
20882	20	13	65.0%	100.0%	--
20886	139	108	77.7%	88.9%	22,700
20895	36	26	72.2%	100.0%	--
20896	***	***	***	***	***
20899	***	***	***	***	***
20901	200	145	72.5%	93.8%	18,600
20902	243	177	72.8%	89.8%	11,850
20903	104	72	69.2%	94.4%	31,999
20904	396	286	72.2%	88.5%	5,940

20905	57	44	77.2%	86.4%	9,640
20906	351	242	68.9%	89.3%	19,727
20910	285	198	69.5%	90.4%	8,730
20912	192	143	74.5%	93.7%	1,620
21771	***	***	***	***	***
Unknown	28	14	50.0%	92.9%	1,150
Total	3,489	2,510	71.9%	90.3%	8,410

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								
					Linked to Care		Late HIV Diagnoses	First CD4 Test Result		
		No.	% of Total	Rate	% 1 mo.	% 3 mo.	%	% with Test	Median Count
<5 (Pediatric)	65,806	1	0.8%	1.5	***	***	***	***	***
5-12 (Pediatric)	109,164	0	0.0%	0.0	--	--	--	--	--
13-19	92,022	5	4.0%	5.4	***	***	***	***	***
20-29	123,368	32	25.8%	25.9	84.4%	87.5%	15.6%	93.8%	362
30-39	144,799	37	29.8%	25.6	94.6%	94.6%	21.6%	91.9%	394
40-49	143,066	28	22.6%	19.6	82.1%	89.3%	32.1%	100.0%	290
50-59	145,532	15	12.1%	10.3	80.0%	86.7%	33.3%	93.3%	262
60+	228,810	6	4.8%	2.6	100.0%	100.0%	***	100.0%	239
Total	1,052,567	124	100.0%	11.8	86.3%	91.1%	25.0%	95.2%	355

*** 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)	65,806	1	0.0%	1.5	65,806
5-12 (Pediatric)	109,164	8	0.2%	7.3	13,646
13-19	92,022	27	0.8%	29.3	3,408
20-29	123,368	265	7.6%	214.8	466
30-39	144,799	630	18.0%	435.1	230
40-49	143,066	930	26.6%	650.0	154
50-59	145,532	991	28.3%	680.9	147
60+	228,810	646	18.5%	282.3	354
Total	1,052,567	3,498	100.0%	332.3	301

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	27	23	85.2%	687	0.0%	0.0%	8.7%	91.3%
20-29	265	209	78.9%	643	6.2%	12.0%	12.4%	69.4%
30-39	630	449	71.3%	607	6.0%	10.7%	18.9%	64.4%
40-49	930	657	70.6%	597	6.4%	12.8%	17.0%	63.8%
50-59	991	717	72.4%	606	8.2%	10.7%	16.5%	64.6%
60+	646	463	71.7%	613	6.3%	14.0%	14.9%	64.8%
Total	3,489	2,518	72.2%	608	6.8%	11.9%	16.4%	65.0%

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	27	24	88.9%	91.7%	28,400
20-29	265	205	77.4%	80.5%	8,635
30-39	630	447	71.0%	88.6%	8,920
40-49	930	654	70.3%	89.4%	8,152
50-59	991	723	73.0%	92.1%	8,540
60+	646	457	70.7%	94.5%	3,840
Total	3,489	2,510	71.9%	90.3%	8,410

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

<u>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</u>

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 mo.	% 3 mo.	%	% with Test	Median Count
Sex at Birth									
Male	419,300	80	65.0%	19.1	85.0%	92.5%	26.3%	95.0%	355
Female	458,297	43	35.0%	9.4	88.4%	88.4%	20.9%	95.3%	358
Gender									
Male	419,300	80	65.0%	19.1	85.0%	92.5%	26.3%	95.0%	355
Female	458,297	43	35.0%	9.4	88.4%	88.4%	20.9%	95.3%	358
Transgender Female	--	0	0.0%	--	--	--	--	--	--
Transgender Male	--	0	0.0%	--	--	--	--	--	--
Another Gender Identity	--	0	0.0%	--	--	--	--	--	--
Race/Ethnicity									
Hispanic	159,508	22	17.9%	13.8	77.3%	86.4%	27.3%	95.5%	253
Non-Hispanic	718,089	101	82.1%	14.1	88.1%	92.1%	23.8%	95.0%	378
American Indian/Alaska Native, only	1,489	1	0.8%	67.1	***	***	***	***	***
Asian, only	139,134	9	7.3%	6.5	100.0%	100.0%	66.7%	88.9%	86
Black, only	159,304	75	61.0%	47.1	86.7%	92.0%	21.3%	96.0%	382
Native Hawaiian/Other Pacific Islander, only	437	0	0.0%	0.0	--	--	--	--	--
White, only	399,032	13	10.6%	3.3	84.6%	84.6%	***	92.3%	431
Multiracial/Other	18,693	3	2.4%	16.0	***	***	***	***	***
Total	877,597	123	100%	14.0	86.2%	91.1%	24.4%	95.1%	358
Country of Birth									
United States	539,638	79	64.2%	14.6	88.6%	92.4%	21.5%	94.9%	387
Foreign-Born	323,866	40	32.5%	12.4	85.0%	92.5%	32.5%	95.0%	278
Africa	--	25	20.3%	--	96.0%	96.0%	32.0%	96.0%	343
Asia	--	5	4.1%	--	100.0%	100.0%	***	100.0%	107
Caribbean	--	3	2.4%	--	***	***	***	***	***
Central America	--	5	4.1%	--	***	***	***	100.0%	158
Other	--	2	1.6%	--	***	***	***	***	***
Unknown	--	4	3.3%	--	***	***	***	***	***
Total	863,505	123	100.0%	14.2	86.2%	91.1%	24.4%	95.1%	358

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	419,300	2,157	61.8%	514.4	194
Female	458,297	1,332	38.2%	290.6	344
Gender					
Male	419,300	2,144	61.5%	511.3	196
Female	458,297	1,332	38.2%	290.6	344
Transgender Female	--	13	0.4%	--	--
Transgender Male	--	0	0.0%	--	--
Another Gender Identity	--	0	0.0%	--	--
Race/Ethnicity					
Hispanic	159,508	527	15.1%	330.4	303
Non-Hispanic	718,089	2,962	84.9%	412.5	242
American Indian/Alaska Native, only	1,489	4	0.1%	268.6	372
Asian, only	139,134	77	2.2%	55.3	1,807
Black, only	159,304	2,141	61.4%	1,344.0	74
Native Hawaiian/Other Pacific Islander, only	437	0	0.0%	0.0	--
White, only	399,032	541	15.5%	135.6	738
Multiracial/Other	18,693	199	5.7%	1,064.6	94
Total	877,597	3,489	100.0%	397.6	252
Country of Birth					
United States	539,638	2,085	59.8%	386.4	259
Foreign-Born	323,866	1,227	35.20%	378.9	264
Africa	--	854	24.5%	--	--
Asia	--	57	1.6%	--	--
Caribbean	--	57	1.6%	--	--
Central America	--	156	4.5%	--	--
Other	--	103	3.0%	--	--
Unknown	--	177	5.1%	--	--
Total	863,505	3,489	100.0%	404.1	247

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 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	No.	Total People Aged 13+ Living with Diagnosed HIV						
		Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Sex at Birth								
Male	2,157	1,566	72.6%	597	6.9%	12.6%	16.4%	64.0%
Female	1,332	952	71.5%	621	6.5%	10.6%	16.3%	66.6%
Gender								
Male	2,144	1,553	72.4%	594	7.0%	12.6%	16.4%	64.0%
Female	1,332	952	71.5%	621	6.5%	10.6%	16.3%	66.6%
Transgender Female	13	13	100.0%	708	0.0%	15.4%	15.4%	69.2%
Transgender Male	0	--	--	--	--	--	--	--
Another Gender Identity	0	--	--	--	--	--	--	--
Race/Ethnicity								
Hispanic	527	388	73.6%	598	6.4%	10.1%	17.8%	65.7%
Non-Hispanic	2,962	2,130	71.9%	611	6.8%	12.2%	16.1%	64.9%
American Indian/Alaska Native, only	4	***	***	***	***	***	***	***
Asian, only	77	***	***	***	***	***	***	***
Black, only	2,141	1,533	71.6%	589	7.2%	13.0%	17.6%	62.2%
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--	--	--	--
White, only	541	392	72.5%	682	6.1%	9.4%	9.2%	75.3%
Multiracial/Other	199	148	74.4%	623	4.1%	10.8%	17.6%	67.6%
Country of Birth								
United States	2,085	1,518	72.8%	620	7.4%	10.9%	15.5%	66.1%
Foreign-Born	1,227	889	72.5%	585	5.6%	13.6%	17.8%	63.0%
Africa	854	617	72.2%	578	5.3%	15.6%	18.8%	60.3%
Asia	57	43	75.4%	546	7.0%	14.0%	23.3%	55.8%
Caribbean	57	44	77.2%	664	4.5%	4.5%	11.4%	79.5%
Central America	156	114	73.1%	578	7.0%	10.5%	16.7%	65.8%
Other	103	71	68.9%	665	5.6%	7.0%	11.3%	76.1%
Unknown	177	111	62.7%	644	7.2%	10.8%	16.2%	65.8%
Total	3,489	2,518	72.2%	608	6.8%	11.9%	16.4%	65.0%

*** 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	2,157	1,554	72.0%	91.1%	13,445
Female	1,332	956	71.8%	88.9%	7,196
Gender					
Male	2,144	1,542	71.9%	91.2%	13,945
Female	1,332	956	71.8%	88.9%	7,196
Transgender Female	13	12	92.3%	83.3%	1,015
Transgender Male	0	--	--	--	--
Another Gender Identity	0	--	--	--	--
Race/Ethnicity					
Hispanic	527	386	73.2%	90.7%	24,816
Non-Hispanic	2,962	2,124	71.7%	90.2%	7,695
American Indian/Alaska Native, only	4	***	***	***	***
Asian, only	77	***	***	***	***
Black, only	2,141	1,524	71.2%	88.8%	7,482
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--
White, only	541	389	71.9%	94.9%	21,500
Multiracial/Other	199	152	76.4%	93.4%	2,400
Country of Birth					
United States	2,085	1,511	72.5%	89.3%	16,200
Foreign-Born	1,227	887	72.3%	91.9%	2,730
Africa	854	619	72.5%	92.6%	1,750
Asia	57	43	75.4%	88.4%	16,300
Caribbean	57	45	78.9%	91.1%	2,295
Central America	156	110	70.5%	90.0%	10,400
Other	103	70	68.0%	91.4%	6,115
Unknown	177	112	63.3%	91.1%	54,550
Total	3,489	2,510	71.9%	90.3%	8,410

*** 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

Hispanics Living with Diagnosed HIV by Age and Sex

Non-Hispanic Blacks HIV Cases by Age and Sex

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

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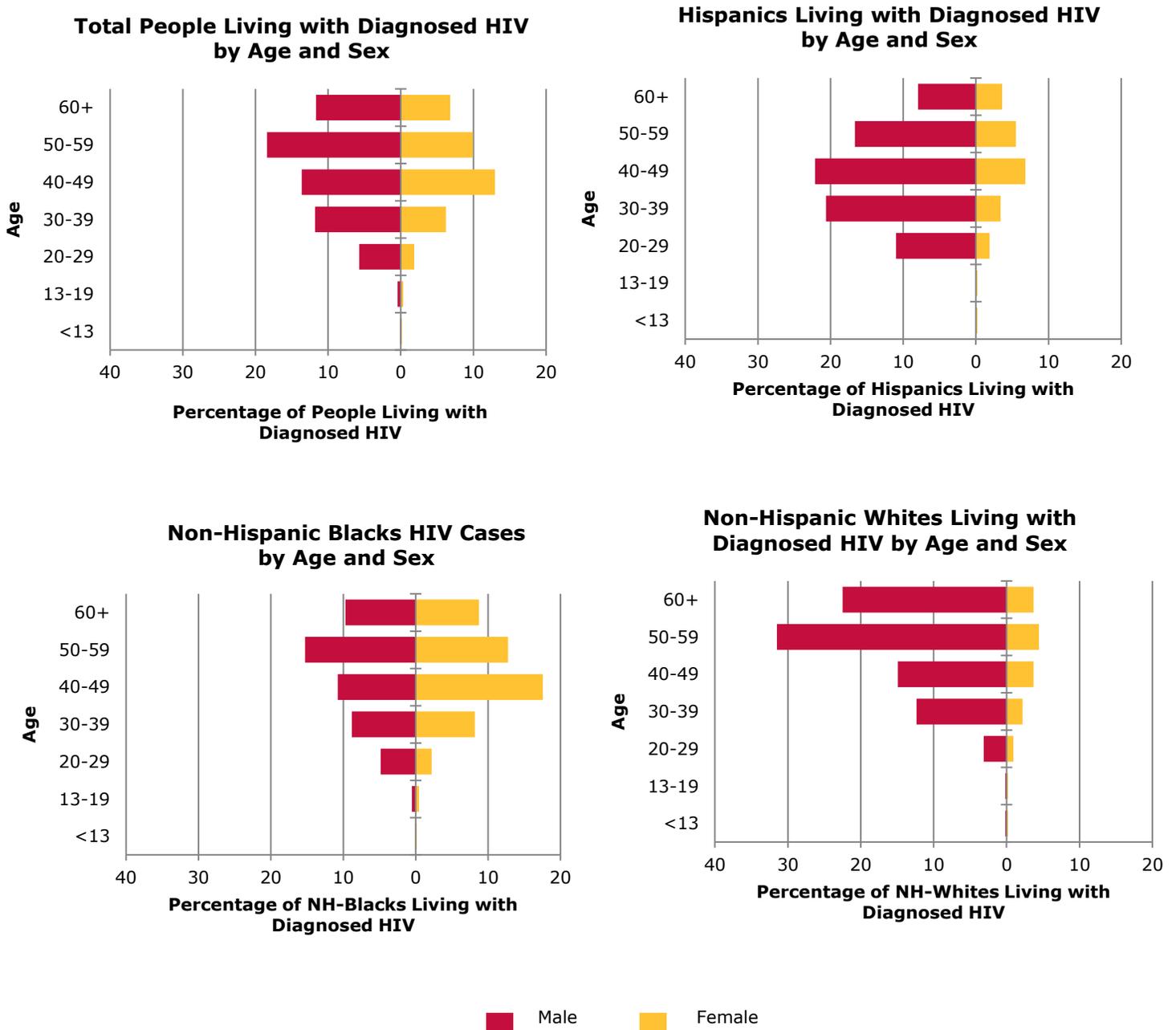
Table 14 – Total Males Living with Diagnosed HIV by Age on December 31, 2018 and Race/Ethnicity, Alive on December 31, 2018 and Reported through June 30, 2019

| Age on December 31, 2018		Total Males Living with Diagnosed HIV				Total Males by Age Group
		Race/Ethnicity				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	25,355	17,785	29,701	16,778	89,619
	Number	0	2	1	0	3
	Rate	0.0	11.2	3.4	0.0	3.3
	Ratio (1 in X)	--	8,893	29,701	--	29,873
13-19	Population	11,509	9,264	17,795	8,483	47,051
	Number	0	11	1	3	15
	Rate	0.0	118.7	5.6	35.4	31.9
	Ratio (1 in X)	--	842	17,795	2,828	3,137
20-29	Population	15,362	12,748	23,179	10,858	62,147
	Number	58	104	17	21	200
	Rate	377.6	815.8	73.3	193.4	321.8
	Ratio (1 in X)	265	123	1,363	517	311
30-39	Population	17,702	13,303	26,455	13,184	70,644
	Number	109	189	67	48	413
	Rate	615.7	1,420.7	253.3	364.1	584.6
	Ratio (1 in X)	162	70	395	275	171
40-49	Population	15,560	12,805	27,355	13,005	68,725
	Number	117	231	81	48	477
	Rate	751.9	1,804.0	296.1	369.1	694.1
	Ratio (1 in X)	133	55	338	271	144
50-59	Population	11,008	11,896	34,587	11,730	69,221
	Number	88	328	171	57	644
	Rate	799.4	2,757.2	494.4	485.9	930.4
	Ratio (1 in X)	125	36	202	206	107
60+	Population	9,229	12,806	62,747	16,730	101,512
	Number	42	208	122	36	408
	Rate	455.1	1,624.2	194.4	215.2	401.9
	Ratio (1 in X)	220	62	514	465	249
Total Males by Race/Ethnicity	Population	105,725	90,607	221,819	90,768	508,919
	Number	414	1,073	460	213	2,160
	Rate	391.6	1,184.2	207.4	234.7	424.4
	Ratio (1 in X)	255	84	482	426	236

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		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	Total Females by Age Group
Total Females Living with Diagnosed HIV			**Race/Ethnicity**			
<13 (Pediatric)	Population	24,169	17,183	28,099	15,900	85,351
	Number	1	3	1	1	6
	Rate	4.1	17.5	3.6	6.3	7.0
	Ratio (1 in X)	24,169	5,728	28,099	15,900	14,225
13-19	Population	10,444	9,132	17,102	8,293	44,971
	Number	1	10	1	0	12
	Rate	9.6	109.5	5.8	0.0	26.7
	Ratio (1 in X)	10,444	913	17,102	--	3,748
20-29	Population	13,932	13,538	22,423	11,328	61,221
	Number	10	47	5	3	65
	Rate	71.8	347.2	22.3	26.5	106.2
	Ratio (1 in X)	1,393	288	4,485	3,776	942
30-39	Population	15,954	15,537	27,390	15,274	74,155
	Number	18	175	12	12	217
	Rate	112.8	1,126.3	43.8	78.6	292.6
	Ratio (1 in X)	886	89	2,283	1,273	342
40-49	Population	14,675	15,308	28,458	15,900	74,341
	Number	36	377	20	20	453
	Rate	245.3	2,462.8	70.3	125.8	609.4
	Ratio (1 in X)	408	41	1,423	795	164
50-59	Population	11,373	14,261	36,621	14,056	76,311
	Number	29	274	24	20	347
	Rate	255.0	1,921.3	65.5	142.3	454.7
	Ratio (1 in X)	392	52	1,526	703	220
60+	Population	12,760	18,706	74,920	20,912	127,298
	Number	19	187	20	12	238
	Rate	148.9	999.7	26.7	57.4	187.0
	Ratio (1 in X)	672	100	3,746	1,743	535
Total Females by Race/Ethnicity	Population	103,307	103,665	235,013	101,663	543,648
	Number	114	1,073	83	68	1,338
	Rate	110.4	1,035.1	35.3	66.9	246.1
	Ratio (1 in X)	906	97	2,831	1,495	406

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
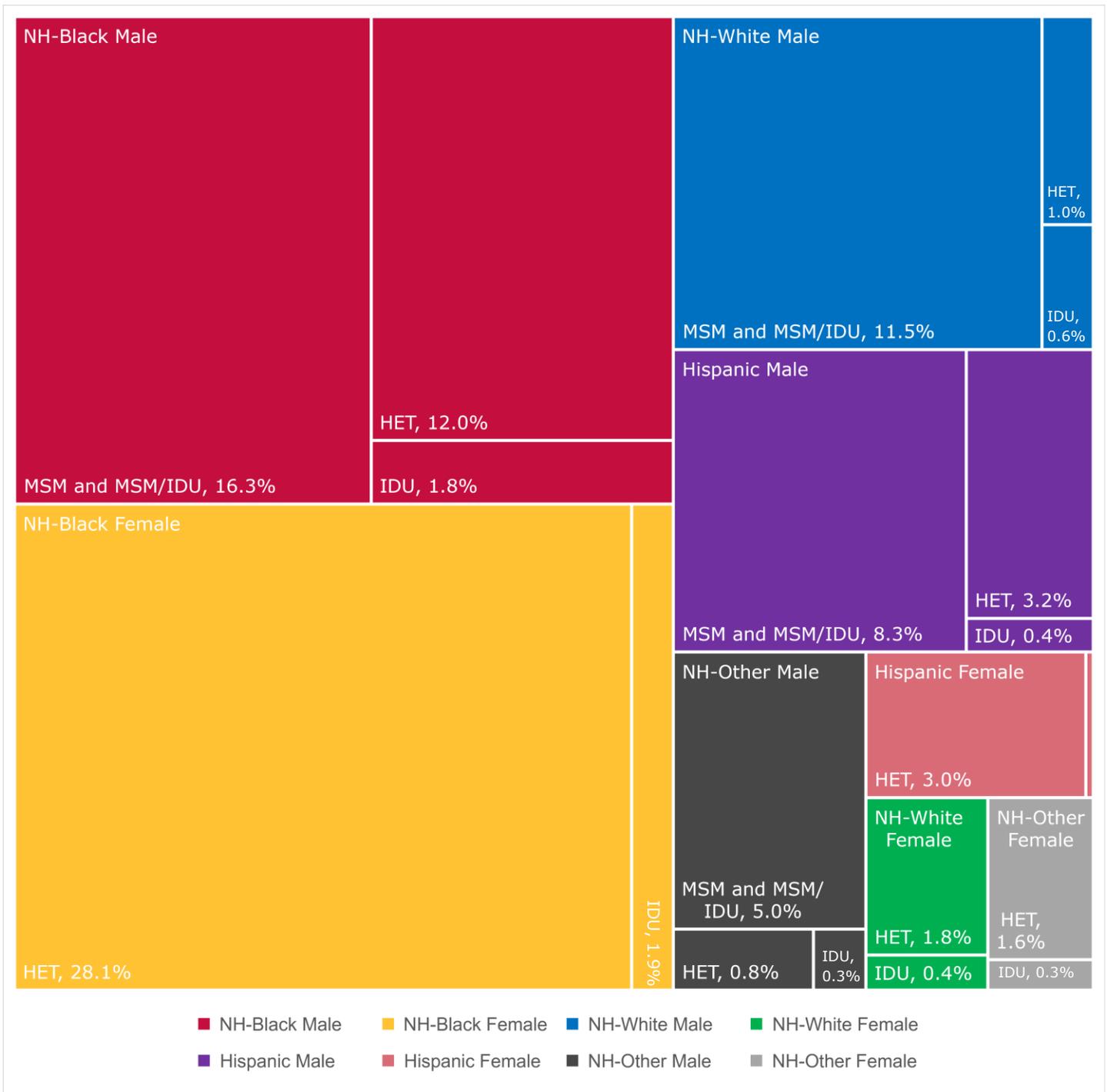
Note. Other exposure category and perinatal transmission not shown (<2 percent). Multiple imputation was used to estimate and adjust for missing transmission category.

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	Reported HIV Diagnoses Among People Aged 13+						
	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)	60	48.7%	84.1%	92.2%	21.9%	93.8%	358
Injection Drug Use (IDU)	4	3.3%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	0	0.2%	100.0%	100.0%	0.0%	100.0%	568
Heterosexual Contact (HET)	59	47.8%	***	***	***	***	***
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	123	100.0%	86.2%	91.1%	24.4%	95.1%	358
Male Estimated or Reported Exposure Category							
Male-to-male Sexual Contact (MSM)	60	74.9%	84.1%	92.2%	21.9%	93.8%	358
Injection Drug Use (IDU)	1	1.8%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	0	0.3%	100.0%	100.0%	0.0%	100.0%	568
Heterosexual Contact (HET)	19	23.1%	***	***	***	***	***
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	80	100.0%	85.0%	92.5%	26.3%	95.0%	355
Female Estimated or Reported Exposure Category							
Injection Drug Use (IDU)	3	6.3%	***	***	***	***	***
Heterosexual Contact (HET)	40	93.7%	***	***	***	***	***
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	43	100.0%	88.4%	88.4%	20.9%	95.3%	358

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)	1,365	39.1%
Injection Drug Use (IDU)	203	5.8%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	67	1.9%
Heterosexual Contact (HET)	1,802	51.6%
Perinatal Transmission	39	1.1%
Other Exposure	6	0.2%
No Estimated or Reported Exposure	8	0.2%
Total	3,489	100.0%
Male Estimated or Reported Exposure Category		
Male-to-male Sexual Contact (MSM)	1,365	63.3%
Injection Drug Use (IDU)	108	5.0%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	67	3.1%
Heterosexual Contact (HET)	594	27.5%
Perinatal Transmission	18	0.8%
Other Exposure	2	0.1%
No Estimated or Reported Exposure	4	0.2%
Total	2,157	100.0%
Female Estimated or Reported Exposure Category		
Injection Drug Use (IDU)	95	7.1%
Heterosexual Contact (HET)	1,208	90.7%
Perinatal Transmission	21	1.6%
Other Exposure	4	0.3%
No Estimated or Reported Exposure	4	0.3%
Total	1,332	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)	278	52.7%	542	25.3%	377	69.7%
Injection Drug Use (IDU)	19	3.5%	130	6.1%	34	6.3%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	10	2.0%	28	1.3%	23	4.3%
Heterosexual Contact (HET)	215	40.9%	1,401	65.5%	100	18.6%
Perinatal Transmission	3	0.6%	33	1.5%	2	0.4%
Other Exposure	1	0.2%	4	0.2%	1	0.2%
No Estimated or Reported Exposure	1	0.2%	3	0.1%	3	0.6%
Total	527	100.0%	2,141	100.0%	540	100.0%
Male Estimated or Reported Exposure Category						
Male-to-male Sexual Contact (MSM)	278	67.0%	542	50.6%	377	82.1%
Injection Drug Use (IDU)	14	3.4%	64	5.9%	20	4.4%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	10	2.5%	28	2.6%	23	5.1%
Heterosexual Contact (HET)	110	26.6%	420	39.2%	37	8.0%
Perinatal Transmission	1	0.2%	16	1.5%	0	0.0%
Other Exposure	1	0.2%	0	0.0%	1	0.2%
No Estimated or Reported Exposure	0	0.0%	2	0.2%	1	0.2%
Total	414	100.0%	1,072	100.0%	459	100.0%
Female Estimated or Reported Exposure Category						
Injection Drug Use (IDU)	5	4.2%	66	6.2%	14	17.2%
Heterosexual Contact (HET)	105	93.2%	982	91.7%	64	77.9%
Perinatal Transmission	2	1.8%	17	1.6%	2	2.4%
Other Exposure	0	0.0%	4	0.4%	0	0.0%
No Estimated or Reported Exposure	1	0.9%	1	0.1%	2	2.4%
Total	113	100.0%	1,070	100.0%	82	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							
		Recent CD4 Test Results						
	No.	No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male-to-male Sexual Contact (MSM)	1,365	1,014	74.3%	633	5.7%	11.4%	14.2%	68.7%
Injection Drug Use (IDU)	203	137	67.6%	594	10.4%	12.0%	15.4%	62.2%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	67	54	80.8%	478	12.0%	19.4%	22.4%	46.1%
Heterosexual Contact (HET)	1,802	1,272	70.6%	593	7.1%	11.9%	18.0%	63.0%
Perinatal Transmission	39	33	84.6%	681	3.0%	9.1%	9.1%	78.8%
Other Exposure	6	5	83.3%	489	0.0%	20.0%	40.0%	40.0%
No Estimated or Reported Exposure	8	3	37.5%	459	0.0%	33.3%	33.3%	33.3%
Total	3,489	2,518	72.2%	608	6.8%	11.9%	16.4%	65.0%

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

Table 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				
		Recent Viral Load Test Results			
	No.	No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male-to-male Sexual Contact (MSM)	1,365	1,009	73.9%	92.1%	15,800
Injection Drug Use (IDU)	203	135	66.7%	84.3%	25,600
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	67	54	80.5%	83.8%	7,740
Heterosexual Contact (HET)	1,802	1,271	70.5%	90.0%	6,417
Perinatal Transmission	39	33	84.6%	81.8%	86,830
Other Exposure	6	5	83.3%	80.0%	370
No Estimated or Reported Exposure	8	3	37.5%	100.0%	--
Total	3,489	2,510	71.9%	90.3%	8,410

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

Section 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 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	40	39	97.5%	6.9	40.0%	40.0%	45.0%	60.0%
1985	97	93	95.9%	6.1	34.0%	36.1%	45.4%	76.3%
1986	111	108	97.3%	4.1	51.4%	51.4%	61.3%	87.4%
1987	144	139	96.5%	3.4	54.2%	55.6%	70.8%	88.9%
1988	175	164	93.7%	2.9	50.9%	55.4%	72.6%	89.7%
1989	181	168	92.8%	2.5	55.8%	60.2%	74.0%	88.4%
1990	172	157	91.3%	2.6	48.8%	55.8%	75.6%	89.0%
1991	198	178	89.9%	2.3	53.5%	61.1%	78.8%	85.4%
1992	173	152	87.9%	2.9	48.0%	57.8%	70.5%	82.1%
1993	124	108	87.1%	1.7	61.3%	71.0%	79.0%	83.9%
1994	142	127	89.4%	2.1	61.3%	67.6%	74.6%	84.5%
1995	144	128	88.9%	1.7	68.1%	74.3%	77.8%	81.9%
1996	121	98	81.0%	1.7	61.2%	62.8%	70.2%	78.5%
1997	121	93	76.9%	2.5	54.5%	57.9%	62.0%	71.9%
1998	107	87	81.3%	2.5	55.1%	57.9%	68.2%	75.7%
1999	133	99	74.4%	1.6	58.6%	59.4%	64.7%	71.4%
2000	149	102	68.5%	1.9	48.3%	52.3%	57.0%	66.4%
2001	155	113	72.9%	2.1	50.3%	52.9%	62.6%	68.4%
2002	140	106	75.7%	1.7	59.3%	62.1%	67.1%	70.7%
2003	170	118	69.4%	1.2	55.9%	57.6%	64.1%	68.2%
2004	194	126	64.9%	1.2	53.6%	55.7%	58.2%	63.4%
2005	196	130	66.3%	1.0	56.1%	57.7%	62.8%	64.8%
2006	231	116	50.2%	1.4	37.2%	41.1%	44.6%	48.9%
2007	317	135	42.6%	1.6	32.5%	33.1%	36.0%	41.0%
2008	243	109	44.9%	1.0	35.4%	37.4%	43.2%	44.4%
2009	191	95	49.7%	1.4	36.6%	38.7%	44.5%	--
2010	187	80	42.8%	1.3	29.4%	32.1%	38.0%	--
2011	171	67	39.2%	1.0	31.0%	33.3%	35.7%	--
2012	182	76	41.8%	0.5	34.6%	39.6%	41.2%	--
2013	169	69	40.8%	0.5	35.5%	37.3%	39.6%	--
2014	178	63	35.4%	0.4	31.5%	33.1%	--	--
2015	153	48	31.4%	0.5	27.5%	28.8%	--	--
2016	158	43	27.2%	0.5	22.8%	25.3%	--	--
2017	164	50	30.5%	0.3	28.7%	--	--	--
Total	5,531	3,584	64.8%	2.0	44.9%	48.2%	55.0%	61.8%

Reported HIV Diagnoses Among People Aged 13+

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
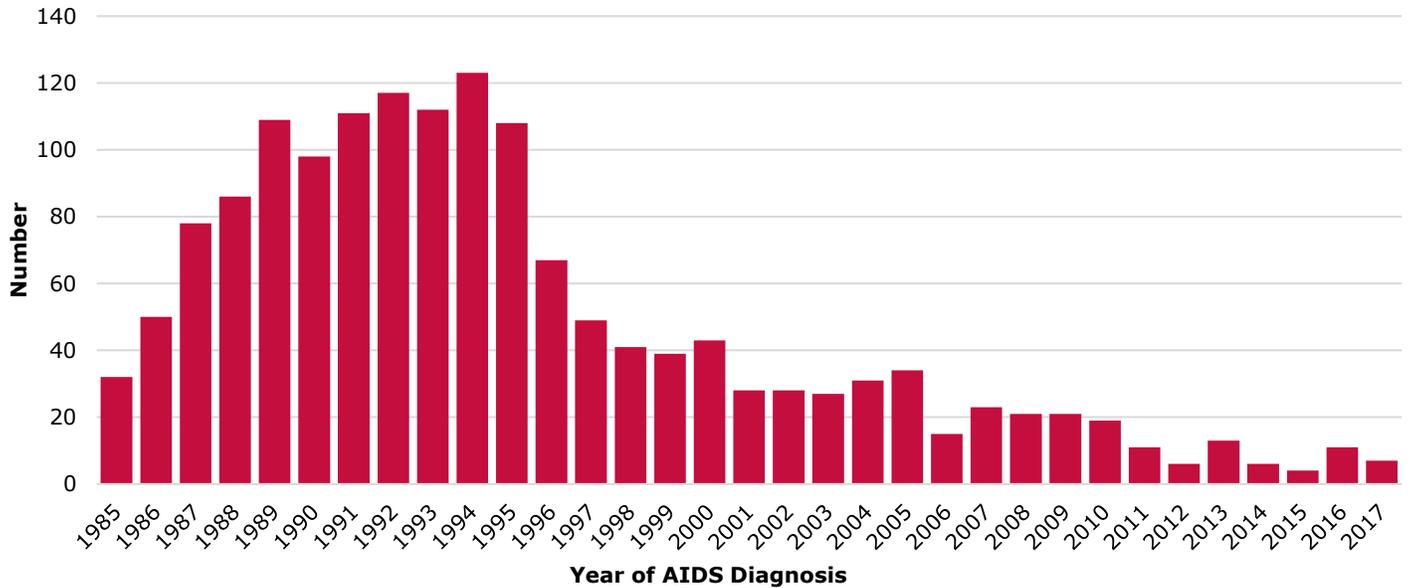
Percent Deceased by 12/31/2018
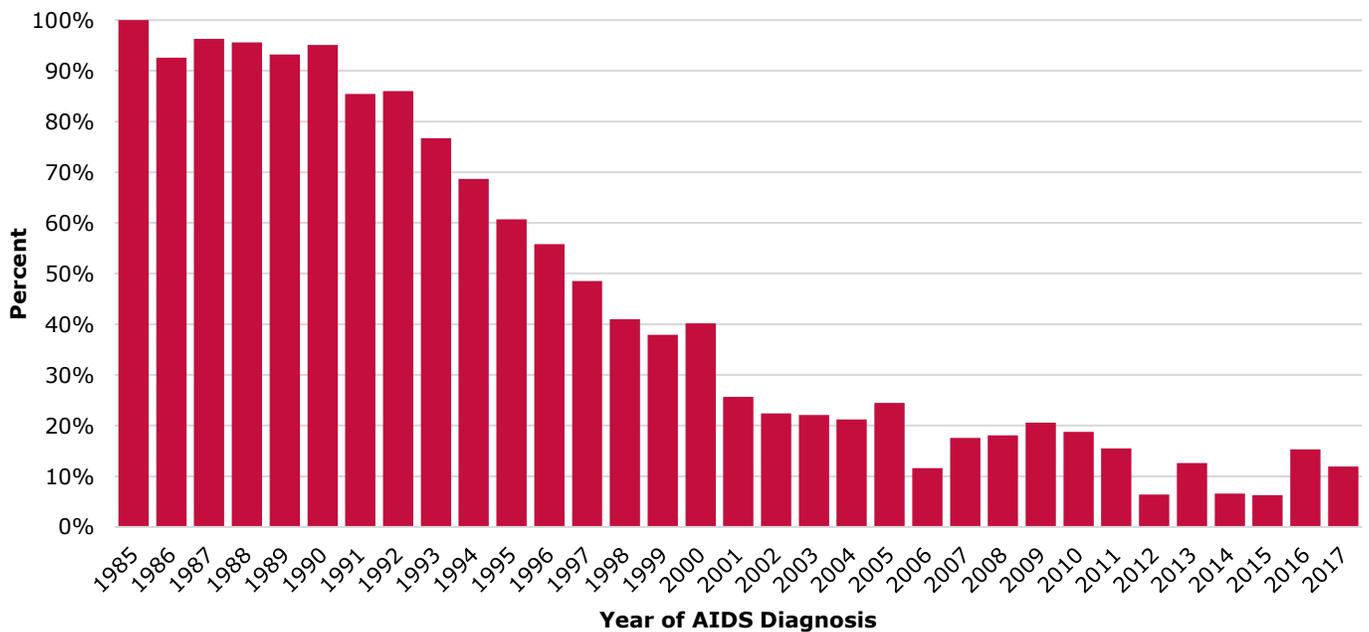
Year of AIDS Diagnosis	Reported AIDS Diagnoses Among People Aged 13+							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Deceased	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	15	15	100.0%	0.7	33.3%	6.7%	0.0%	0.0%
1985	32	32	100.0%	1.1	37.5%	12.5%	6.3%	0.0%
1986	54	50	92.6%	1.9	50.0%	29.6%	13.0%	9.3%
1987	81	78	96.3%	1.9	60.5%	34.6%	9.9%	7.4%
1988	90	86	95.6%	2.4	65.6%	37.8%	14.4%	10.0%
1989	117	109	93.2%	3.2	71.8%	54.7%	23.1%	12.8%
1990	103	98	95.1%	2.6	64.1%	47.6%	16.5%	9.7%
1991	130	111	85.4%	2.7	68.5%	52.3%	22.3%	18.5%
1992	136	117	86.0%	2.5	64.0%	47.1%	22.8%	18.4%
1993	146	112	76.7%	3.4	76.0%	61.6%	39.0%	30.1%
1994	179	123	68.7%	3.6	78.2%	60.3%	46.4%	38.5%
1995	178	108	60.7%	5.2	77.0%	72.5%	63.5%	50.0%
1996	120	67	55.8%	5.3	80.8%	79.2%	70.0%	55.0%
1997	101	49	48.5%	5.4	82.2%	78.2%	70.3%	61.4%
1998	100	41	41.0%	4.8	87.0%	81.0%	73.0%	66.0%
1999	103	39	37.9%	5.1	84.5%	81.6%	77.7%	70.9%
2000	107	43	40.2%	6.1	92.5%	89.7%	80.4%	70.1%
2001	109	28	25.7%	4.7	90.8%	89.9%	85.3%	78.0%
2002	125	28	22.4%	3.8	92.0%	90.4%	84.8%	80.0%
2003	122	27	22.1%	5.1	93.4%	90.2%	87.7%	83.6%
2004	146	31	21.2%	3.4	91.1%	87.0%	85.6%	81.5%
2005	139	34	24.5%	3.9	92.1%	89.9%	84.2%	77.7%
2006	129	15	11.6%	3.9	95.3%	93.8%	93.0%	89.1%
2007	131	23	17.6%	3.2	92.4%	90.1%	88.5%	83.2%
2008	116	21	18.1%	2.2	93.1%	89.7%	84.5%	81.9%
2009	102	21	20.6%	2.8	90.2%	90.2%	84.3%	--
2010	101	19	18.8%	2.3	92.1%	90.1%	85.1%	--
2011	71	11	15.5%	2.0	95.8%	90.1%	84.5%	--
2012	94	6	6.4%	0.1	93.6%	93.6%	93.6%	--
2013	103	13	12.6%	1.7	96.1%	93.2%	87.4%	--
2014	91	6	6.6%	1.4	96.7%	95.6%	--	--
2015	64	4	6.3%	0.1	93.8%	93.8%	--	--
2016	72	11	15.3%	0.2	84.7%	84.7%	--	--
2017	59	7	11.9%	0.6	91.5%	--	--	--
Total	3,566	1,583	44.4%	3.4	83.1%	75.6%	65.4%	59.7%

*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
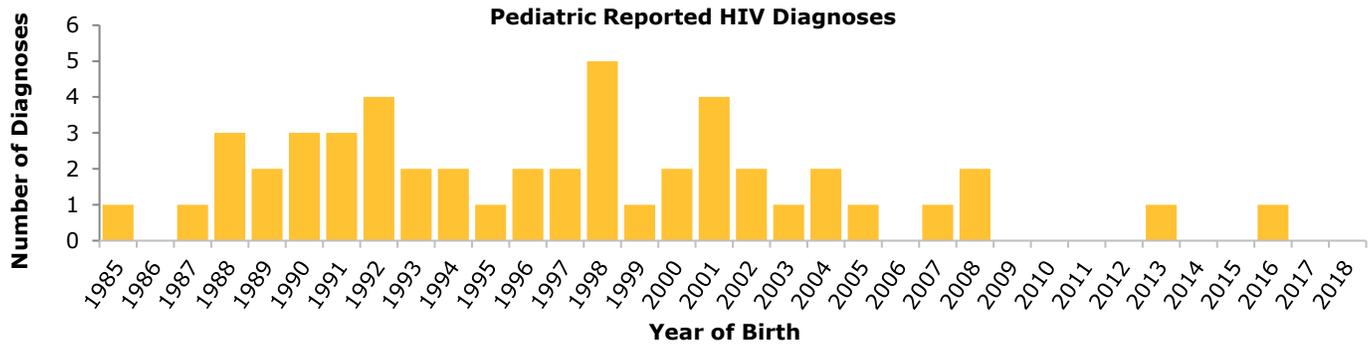
Year	Pediatric Reported HIV Diagnoses				Total Living Pediatric Diagnoses Alive on December 31st of Each Year
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	
<1985	9	0	0	0	--
1985	1	2	1	1	1
1986	0	3	0	0	4
1987	1	1	0	0	5
1988	3	1	2	0	7
1989	2	3	1	1	9
1990	3	1	0	0	10
1991	3	4	2	0	14
1992	4	3	1	2	16
1993	2	0	3	1	14
1994	2	1	2	1	15
1995	1	0	1	0	14
1996	2	5	2	0	19
1997	2	3	0	1	21
1998	5	2	0	1	22
1999	1	2	2	0	23
2000	2	1	0	0	24
2001	4	2	2	0	26
2002	2	4	2	0	30
2003	1	2	1	0	32
2004	2	0	0	0	32
2005	1	2	1	0	34
2006	0	5	0	1	38
2007	1	1	0	1	38
2008	2	2	0	0	41
2009	0	3	0	0	45
2010	0	0	1	0	45
2011	0	0	0	0	45
2012	0	0	0	0	45
2013	1	1	0	0	46
2014	0	1	0	0	47
2015	0	0	2	0	47
2016	1	1	2	0	47
2017	0	1	0	0	48
2018	0	1	1	0	49
Total	**58**	**58**	**29**	**10**	**--**

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
20861	1	11.1%
20877	1	11.1%
20902	2	22.2%
20904	2	22.2%
20910	2	22.2%
20912	1	11.1%
Total	9	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	3	33.3%
Female	6	66.7%
Race/Ethnicity		
Hispanic	1	11.1%
Non-Hispanic	8	88.9%
American Indian/Alaska Native, only	0	0.0%
Asian, only	1	11.1%
Black, only	5	55.6%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	2	22.2%
Multiracial/Other	0	0.0%
Total	9	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).