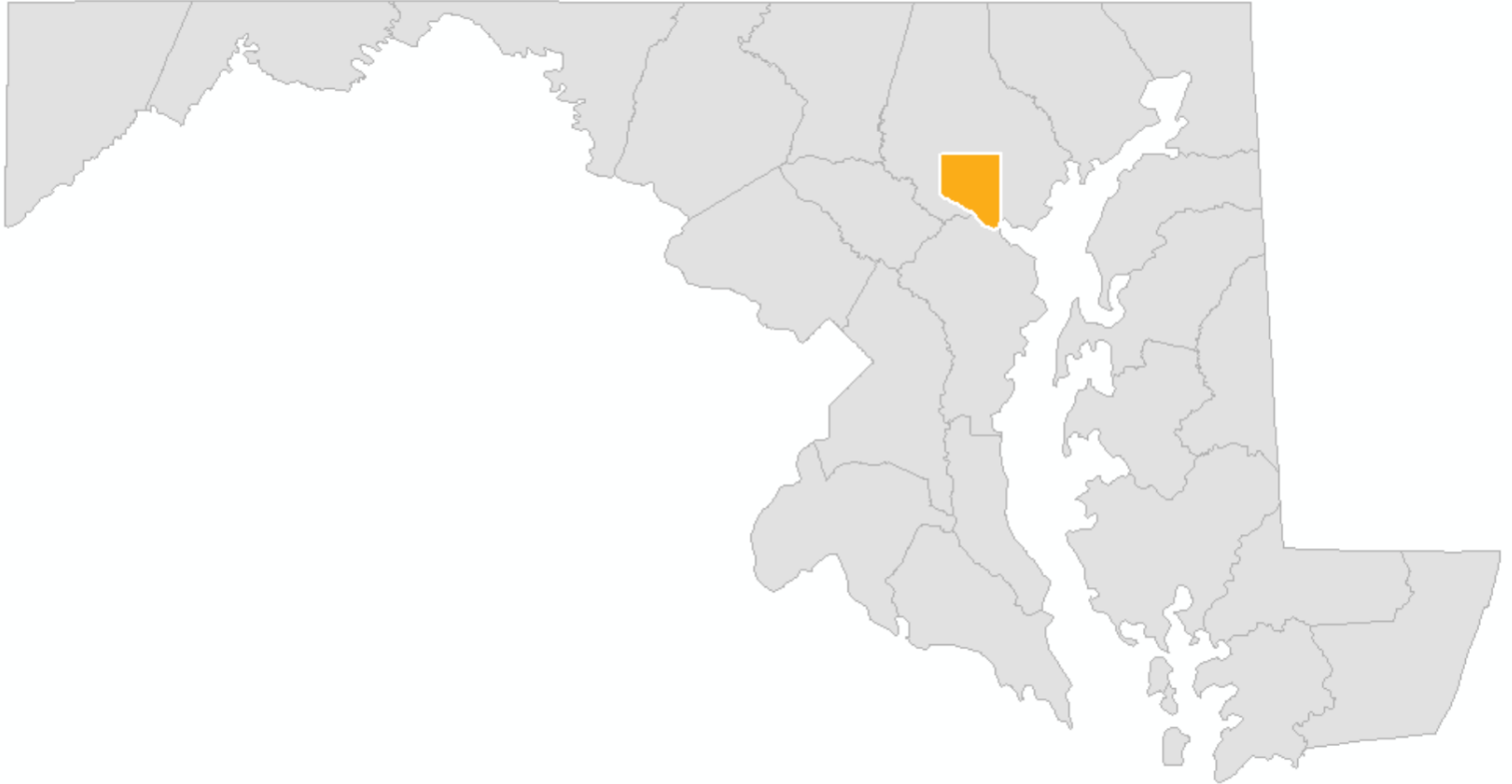


2017



Baltimore City Annual HIV Epidemiological Profile

Data reported through June 30, 2018



Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Prevention and Health Services Bureau
Prevention and Health Promotion Administration
<http://phpa.health.maryland.gov/OIDEOR/CHSE>
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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 HIV cases 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 HIV positive mothers 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 phone 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 HIV and AIDS cases that have been diagnosed 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, 2017. The most recent Centers for Disease Control and Prevention (CDC) estimate of the number of people living with undiagnosed HIV infection is 14.5 percent for the United States and 14.0 percent for Maryland in 2015. 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 2016. Surveillance is the ongoing systematic collection, analysis, interpretation, and dissemination of case report data. Case report data are only available for cases 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.

This epidemiological profile provides estimates of living Maryland diagnosed cases by current residence as of December 31, 2017. Residence at diagnosis and age at diagnosis are used exclusively to describe new HIV and AIDS diagnoses. Current residence data are restricted to cases 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 cases that may have moved out of state whose data would no longer be reported in Maryland. However, current residence data excludes cases that may still be residents of Maryland but have not received any HIV care during

the most recent nine and a half years. In addition, residence is dynamic and cases may have resided at multiple addresses that cannot all be represented in single time point estimates.

This epidemiological profile contains data for transgender HIV and AIDS cases that have been diagnosed 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, 2017. Historically, it has been difficult to fully present data by current gender identification. Data on transgender 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 transgender HIV and AIDS cases because of challenges in accurately identifying and reporting gender identity in HIV surveillance.

Lastly, 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 HIV and AIDS cases because of challenges in accurately identifying and reporting race/ethnicity in HIV surveillance.

For additional information regarding current residence, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health at 410-767-5227.

Stages of a Case of HIV/AIDS

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 be HIV infected but never have an HIV test 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

A case 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 infection [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 infection [time point 1].

Changes in Case Terminology

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases 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 cases 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 2017 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV from January 1, 2017 through December 31, 2017, as reported by name through June 30, 2018.

To calculate the number of Living Cases we count all Reported Diagnoses from the beginning of the epidemic (all new cases each year) and subtract all Reported Deaths. For example, the Total Living HIV Cases on December 31, 2017 are the total reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of June 30, 2018 as reported by name through June 30, 2018.

Laboratory Data

CD4+ T-lymphocyte tests are measures of a person's immune system function. An HIV infected adult 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+ cells is less than 14 percent. Viral load (VL) 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 VL, 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 VL 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, June 30, 2018.

Population data by sex, age, and race/ethnicity are from the July 1, 2017 U.S. Census Estimates. Population data by country-of-birth are from the Census Bureau's 2016 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.

Estimations of those undiagnosed are from the Centers for Disease Control and Prevention's HIV Surveillance Supplemental Report published March 2018. 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 reported HIV cases, 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 cases.
- 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 have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

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

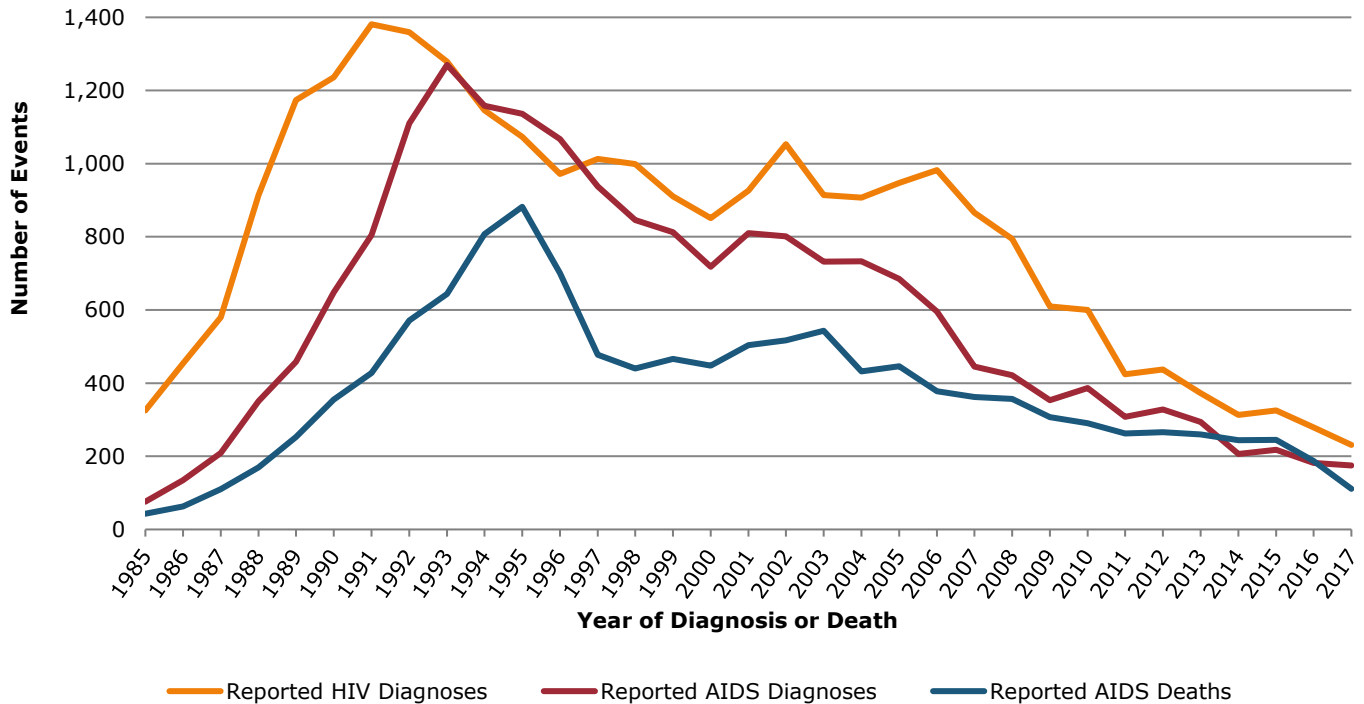
Other Exposure: Includes men or women who received clotting factor for hemophilia/coagulation disorder, or received a transfusion of blood/blood components, or received a transplant of tissue/organs or artificial insemination, or worked in a health care or clinical laboratory setting.

Not all exposure data is reported and is therefore missing for some cases. 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 case as well as data in aggregate from other cases 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 1985-2017

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, among Residents at Diagnosis, 1985-2017, Reported through June 30, 2018

Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnoses) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2017 as Reported through June 30, 2018

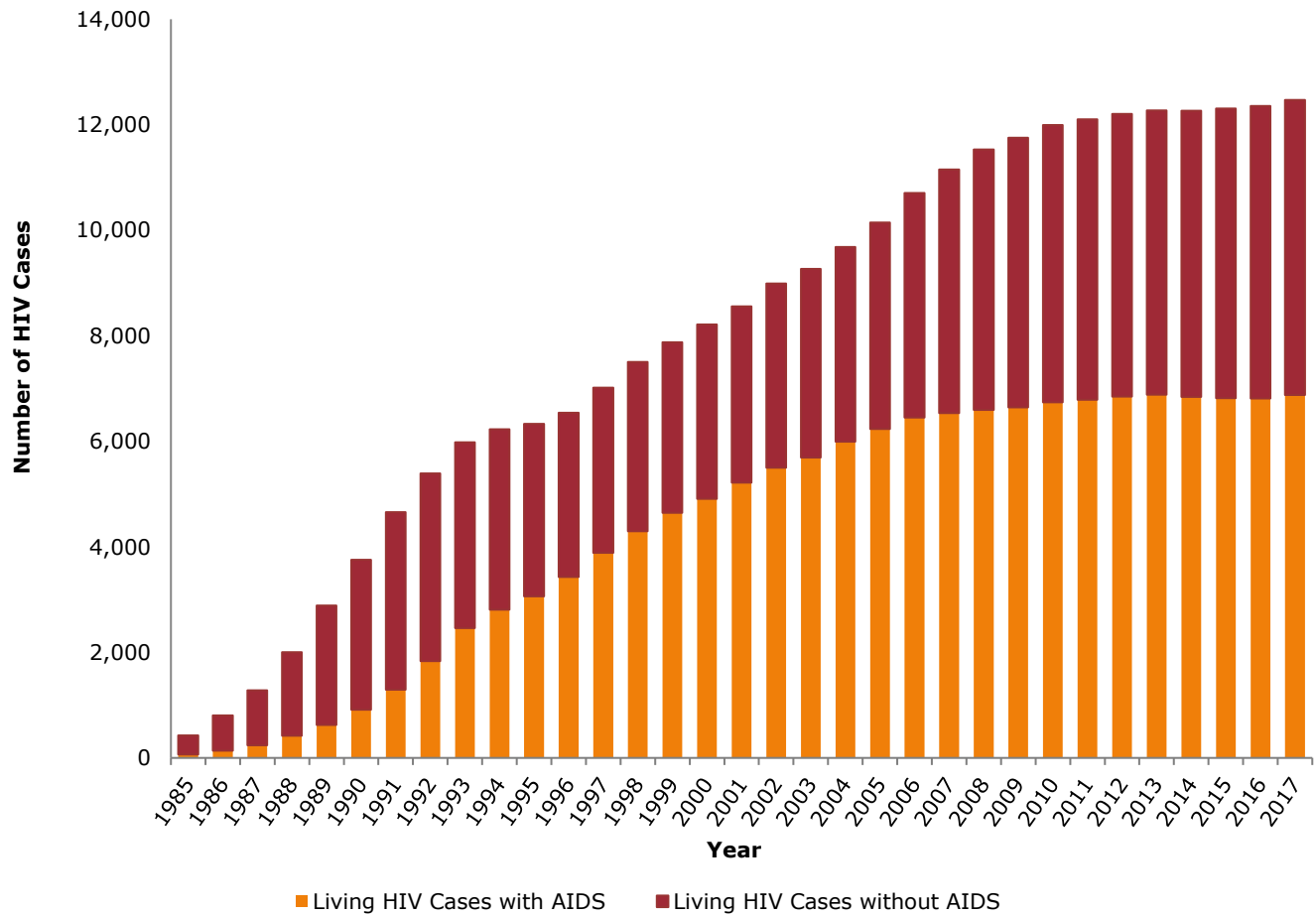


Year of Diagnosis or Death	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	Year of Diagnosis or Death	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	166	58	25	2001	926	810	504
1985	325	76	43	2002	1,053	801	517
1986	454	135	63	2003	914	732	543
1987	580	209	110	2004	907	733	432
1988	914	351	170	2005	947	685	446
1989	1,174	458	253	2006	982	596	378
1990	1,236	648	355	2007	866	445	362
1991	1,381	805	428	2008	794	422	357
1992	1,359	1,110	571	2009	610	353	307
1993	1,279	1,270	644	2010	600	387	290
1994	1,146	1,158	807	2011	424	308	262
1995	1,073	1,136	882	2012	437	328	266
1996	972	1,067	701	2013	373	294	260
1997	1,013	938	478	2014	313	206	244
1998	999	846	440	2015	325	218	245
1999	911	813	466	2016*	279	182	187
2000	851	718	448	2017*	231	175	111
				Total	26,814	19,471	12,595

*2016-2017 reported AIDS deaths are preliminary

Figure 2 – Trends in Living HIV Cases, among Residents at Diagnosis, 1985-2017, Reported through June 30, 2018

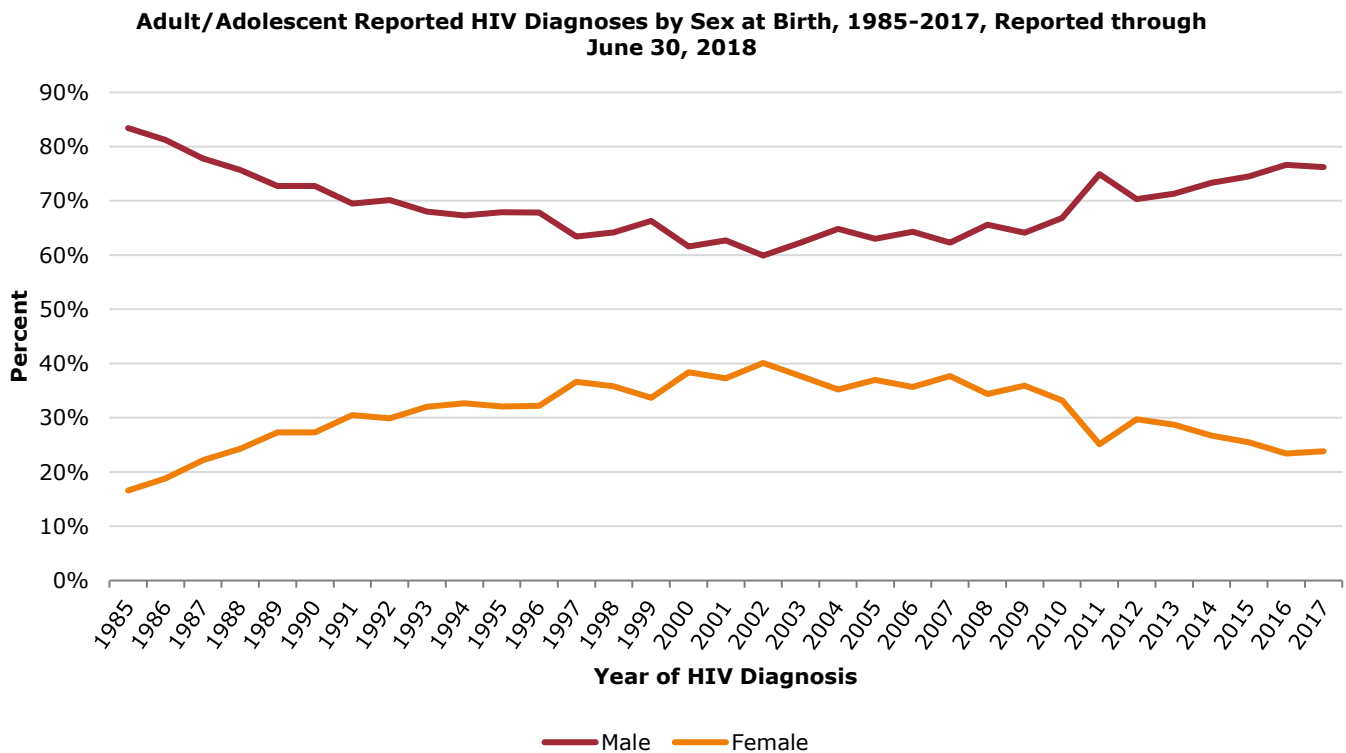
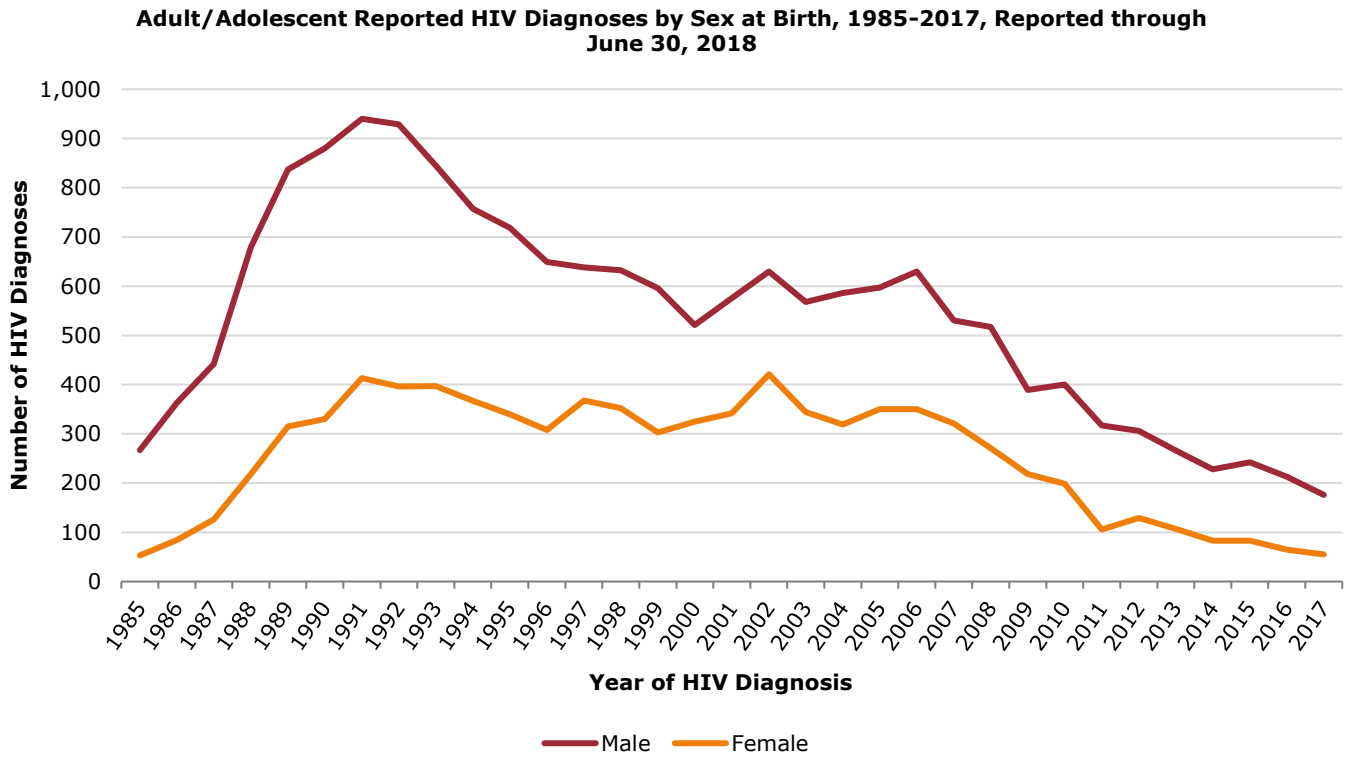
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2017, as Reported through June 30, 2018



Year	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases	Year	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases
1985	359	66	425	2002	3,488	5,503	8,991
1986	670	138	808	2003	3,575	5,692	9,267
1987	1,041	237	1,278	2004	3,691	5,993	9,684
1988	1,587	418	2,005	2005	3,913	6,232	10,145
1989	2,268	623	2,891	2006	4,257	6,450	10,707
1990	2,836	916	3,752	2007	4,617	6,533	11,150
1991	3,363	1,293	4,656	2008	4,933	6,598	11,531
1992	3,558	1,832	5,390	2009	5,109	6,644	11,753
1993	3,524	2,458	5,982	2010	5,253	6,741	11,994
1994	3,418	2,810	6,228	2011	5,313	6,787	12,100
1995	3,266	3,064	6,330	2012	5,359	6,849	12,208
1996	3,113	3,430	6,543	2013	5,387	6,883	12,270
1997	3,127	3,890	7,017	2014	5,423	6,845	12,268
1998	3,206	4,296	7,502	2015	5,487	6,818	12,305
1999	3,233	4,643	7,876	2016	5,544	6,813	12,357
2000	3,301	4,913	8,214	2017	5,596	6,877	12,473
2001	3,337	5,219	8,556				

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, among Residents at Diagnosis, 1985-2017, Reported through June 30, 2018

Number and Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2017, as Reported through June 30, 2018

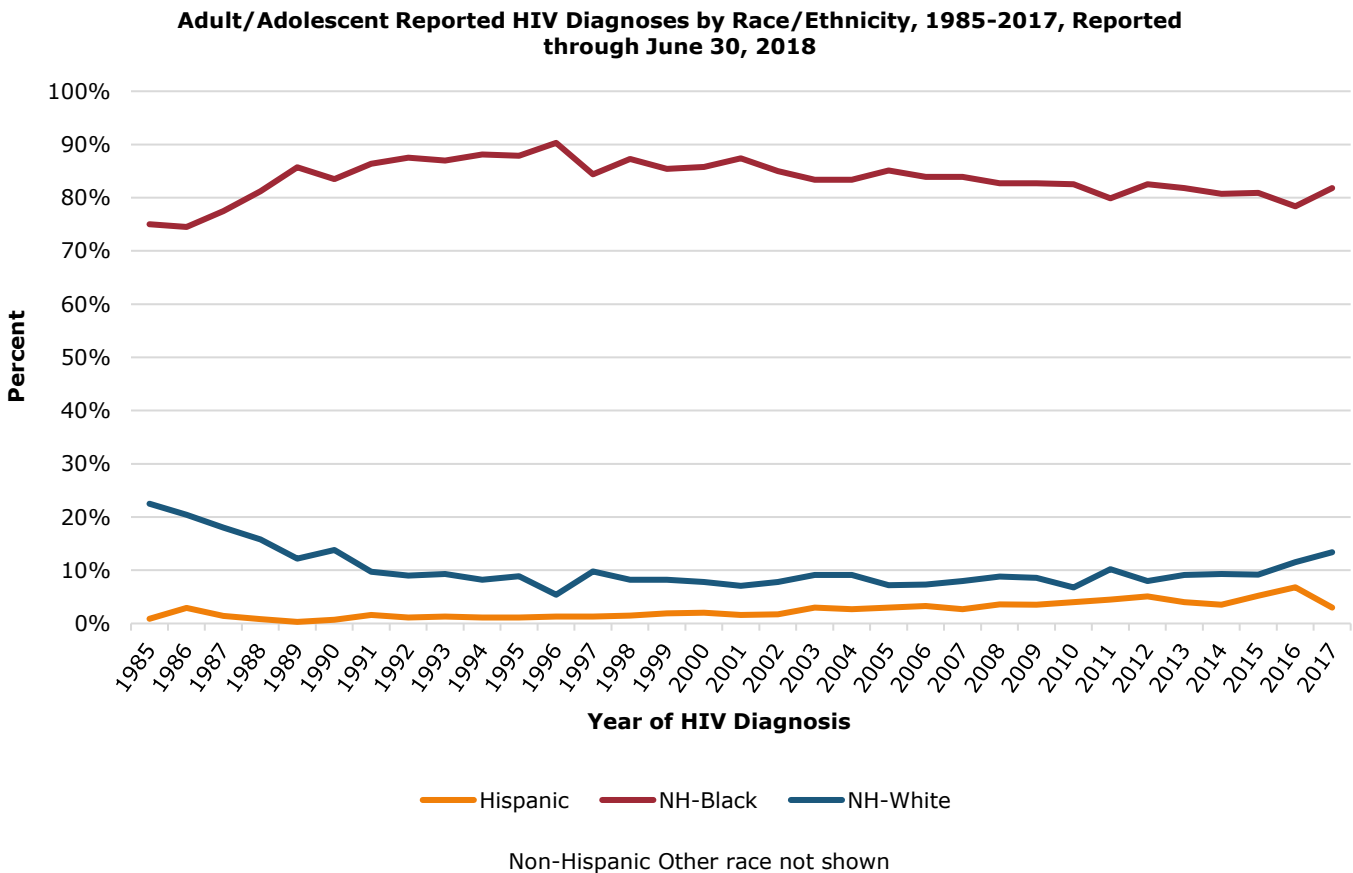
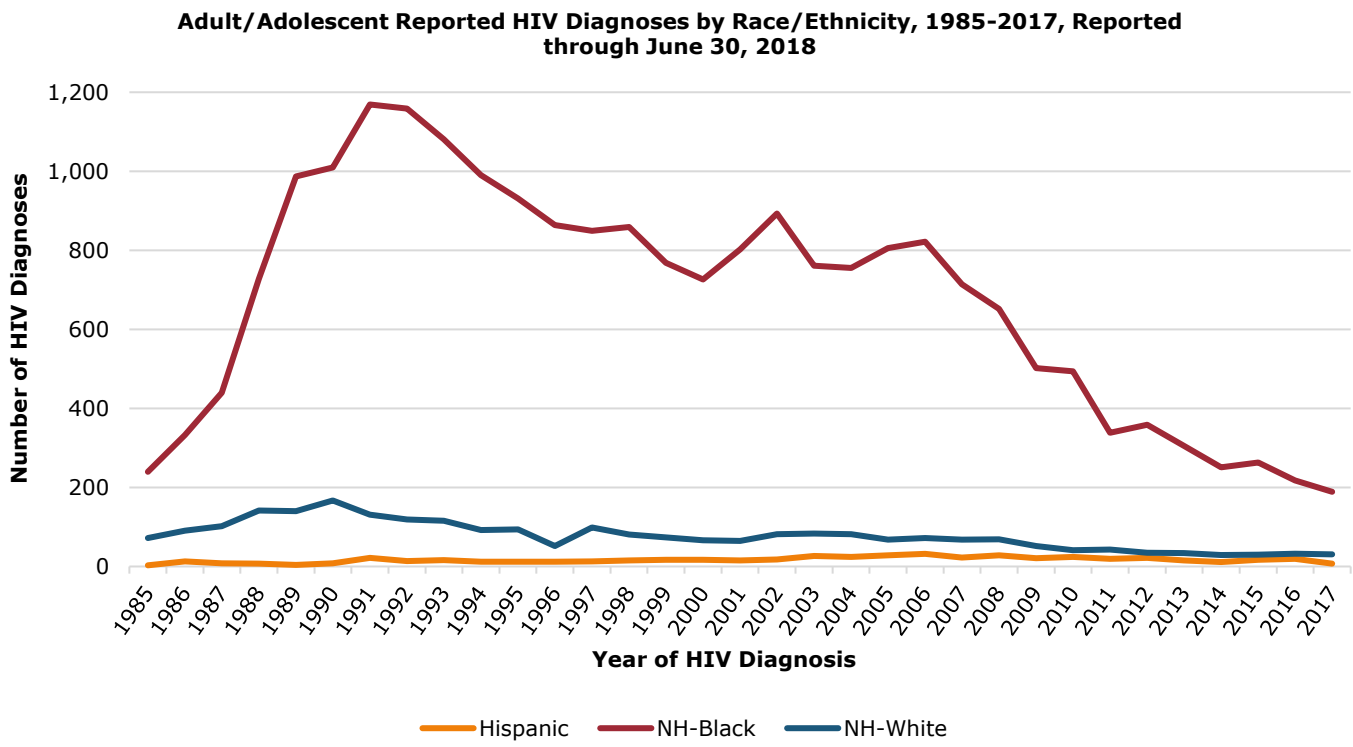


Adult/Adolescent Reported HIV Diagnoses

Year of HIV Diagnosis	No.	Sex at Birth			
		Male		Female	
		No.	%	No.	%
<1985	165	142	86.1%	23	13.9%
1985	320	267	83.4%	53	16.6%
1986	447	363	81.2%	84	18.8%
1987	568	442	77.8%	126	22.2%
1988	897	679	75.7%	218	24.3%
1989	1,152	837	72.7%	315	27.3%
1990	1,210	880	72.7%	330	27.3%
1991	1,353	940	69.5%	413	30.5%
1992	1,325	929	70.1%	396	29.9%
1993	1,242	845	68.0%	397	32.0%
1994	1,124	757	67.3%	367	32.7%
1995	1,059	719	67.9%	340	32.1%
1996	957	649	67.8%	308	32.2%
1997	1,006	638	63.4%	368	36.6%
1998	984	632	64.2%	352	35.8%
1999	899	596	66.3%	303	33.7%
2000	846	521	61.6%	325	38.4%
2001	918	576	62.7%	342	37.3%
2002	1,051	630	59.9%	421	40.1%
2003	912	568	62.3%	344	37.7%
2004	905	586	64.8%	319	35.2%
2005	947	597	63.0%	350	37.0%
2006	980	630	64.3%	350	35.7%
2007	851	530	62.3%	321	37.7%
2008	788	517	65.6%	271	34.4%
2009	607	389	64.1%	218	35.9%
2010	599	400	66.8%	199	33.2%
2011	423	317	74.9%	106	25.1%
2012	435	306	70.3%	129	29.7%
2013	373	266	71.3%	107	28.7%
2014	311	228	73.3%	83	26.7%
2015	325	242	74.5%	83	25.5%
2016	278	213	76.6%	65	23.4%
2017	231	176	76.2%	55	23.8%
Total	26,488	18,007	68.0%	8,481	32.0%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, among Residents at Diagnosis, 1985-2017, Reported through June 30, 2018

Number and Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2017, as Reported through June 30, 2018

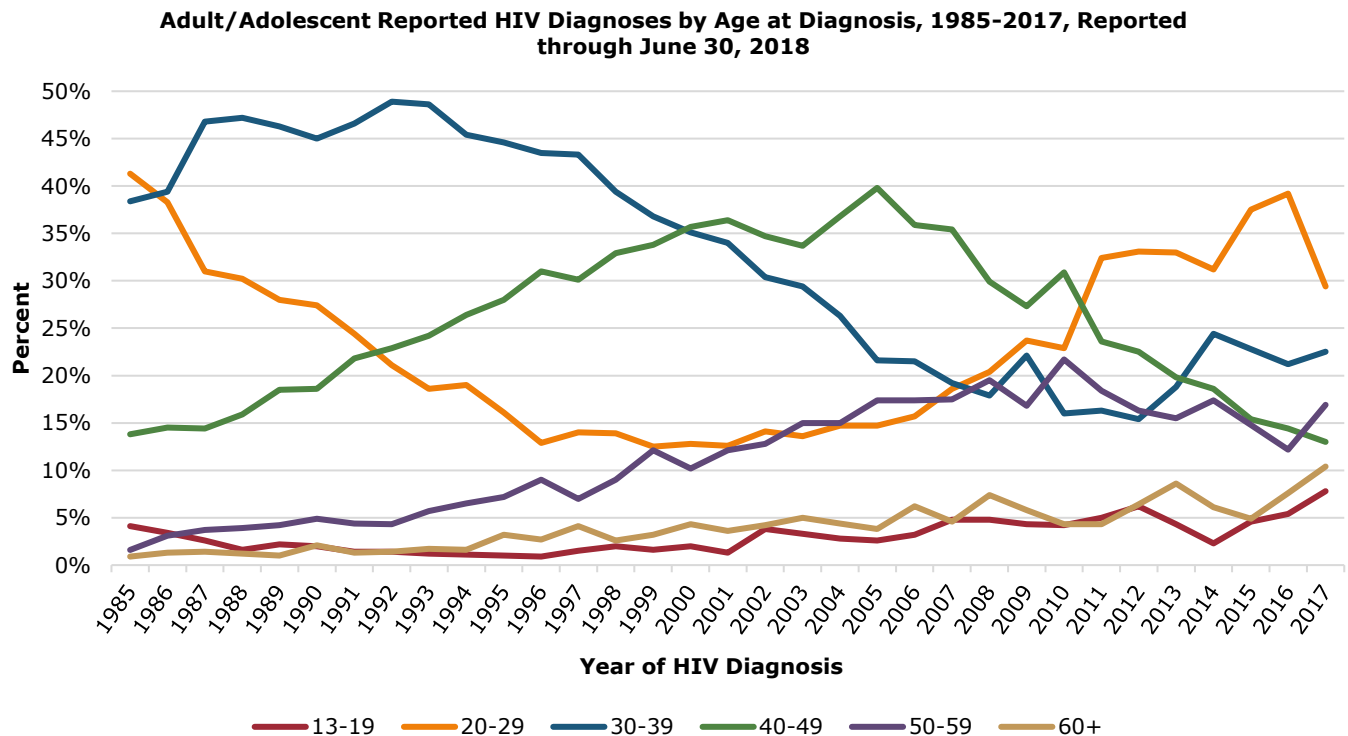
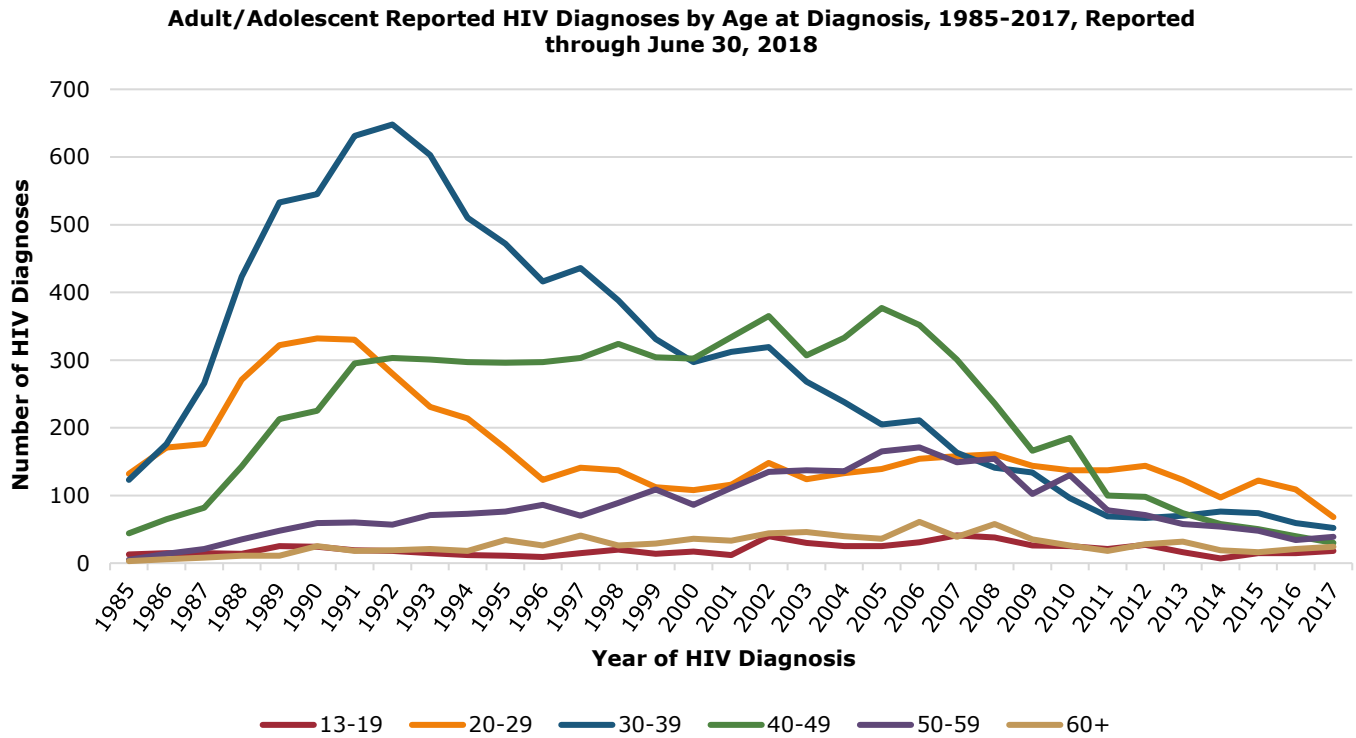


Adult/Adolescent Reported HIV Diagnoses

Year of HIV Diagnosis	No.	Race/Ethnicity							
		Hispanic		Non-Hispanic Black, only		Non-Hispanic White, only		Non-Hispanic Other Race	
		No.	%	No.	%	No.	%	No.	%
<1985	165	4	2.4%	97	58.8%	61	37.0%	3	1.8%
1985	320	3	0.9%	240	75.0%	72	22.5%	5	1.6%
1986	447	13	2.9%	333	74.5%	91	20.4%	10	2.2%
1987	568	8	1.4%	440	77.5%	102	18.0%	18	3.2%
1988	897	7	0.8%	728	81.2%	142	15.8%	20	2.2%
1989	1,152	4	0.3%	987	85.7%	140	12.2%	21	1.8%
1990	1,210	8	0.7%	1,010	83.5%	167	13.8%	25	2.1%
1991	1,353	22	1.6%	1,169	86.4%	131	9.7%	31	2.3%
1992	1,325	14	1.1%	1,159	87.5%	119	9.0%	33	2.5%
1993	1,242	16	1.3%	1,081	87.0%	116	9.3%	29	2.3%
1994	1,124	12	1.1%	990	88.1%	92	8.2%	30	2.7%
1995	1,059	12	1.1%	931	87.9%	94	8.9%	22	2.1%
1996	957	12	1.3%	864	90.3%	52	5.4%	29	3.0%
1997	1,006	13	1.3%	849	84.4%	99	9.8%	45	4.5%
1998	984	15	1.5%	859	87.3%	81	8.2%	29	2.9%
1999	899	17	1.9%	768	85.4%	74	8.2%	40	4.4%
2000	846	17	2.0%	726	85.8%	66	7.8%	37	4.4%
2001	918	15	1.6%	802	87.4%	65	7.1%	36	3.9%
2002	1,051	18	1.7%	893	85.0%	82	7.8%	58	5.5%
2003	912	27	3.0%	761	83.4%	83	9.1%	41	4.5%
2004	905	24	2.7%	755	83.4%	82	9.1%	44	4.9%
2005	947	28	3.0%	806	85.1%	68	7.2%	45	4.8%
2006	980	32	3.3%	822	83.9%	72	7.3%	54	5.5%
2007	851	23	2.7%	714	83.9%	68	8.0%	46	5.4%
2008	788	28	3.6%	652	82.7%	69	8.8%	39	4.9%
2009	607	21	3.5%	502	82.7%	52	8.6%	32	5.3%
2010	599	24	4.0%	494	82.5%	41	6.8%	40	6.7%
2011	423	19	4.5%	338	79.9%	43	10.2%	23	5.4%
2012	435	22	5.1%	359	82.5%	35	8.0%	19	4.4%
2013	373	15	4.0%	305	81.8%	34	9.1%	19	5.1%
2014	311	11	3.5%	251	80.7%	29	9.3%	20	6.4%
2015	325	17	5.2%	263	80.9%	30	9.2%	15	4.6%
2016	278	19	6.8%	218	78.4%	32	11.5%	9	3.2%
2017	231	7	3.0%	189	81.8%	31	13.4%	4	1.7%
Total	26,488	547	2.1%	22,355	84.4%	2,615	9.9%	971	3.7%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, among Residents at Diagnosis, 1985-2017, Reported through June 30, 2018

Number and Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2017, as Reported through June 30, 2018

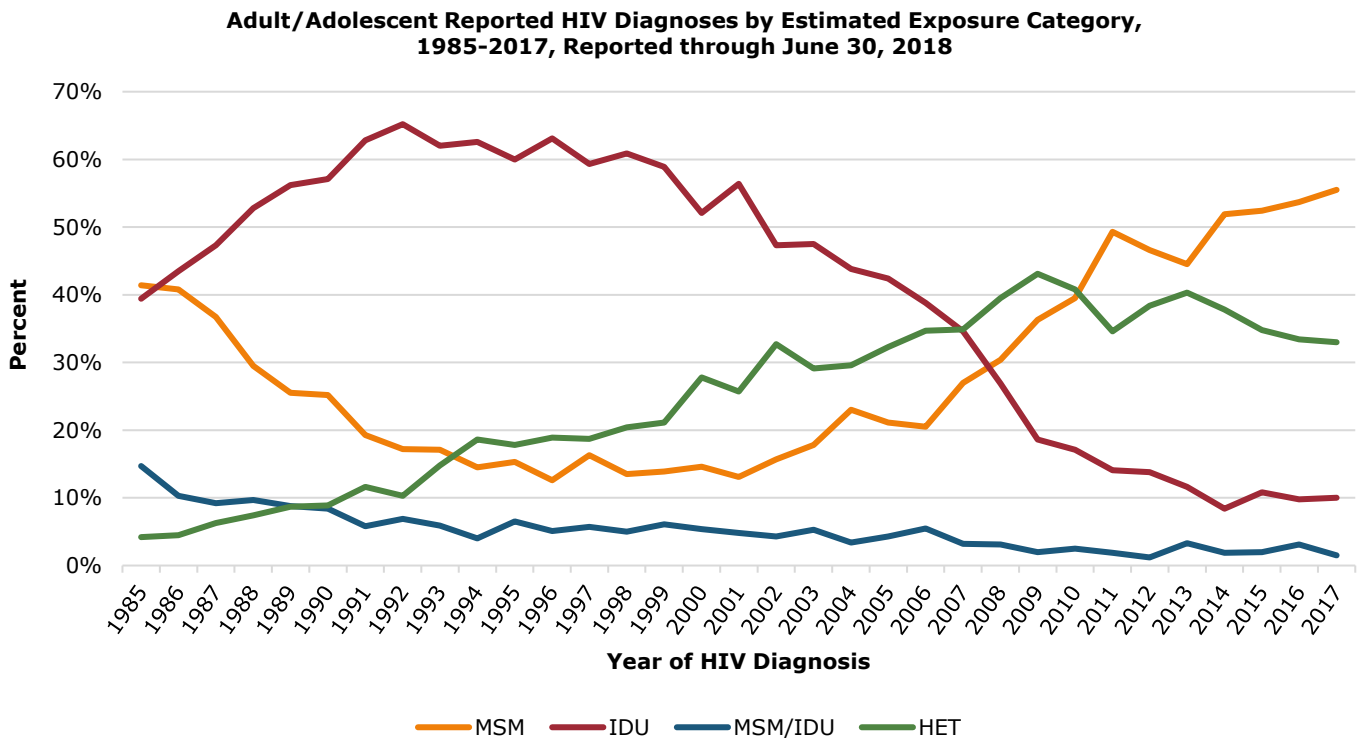
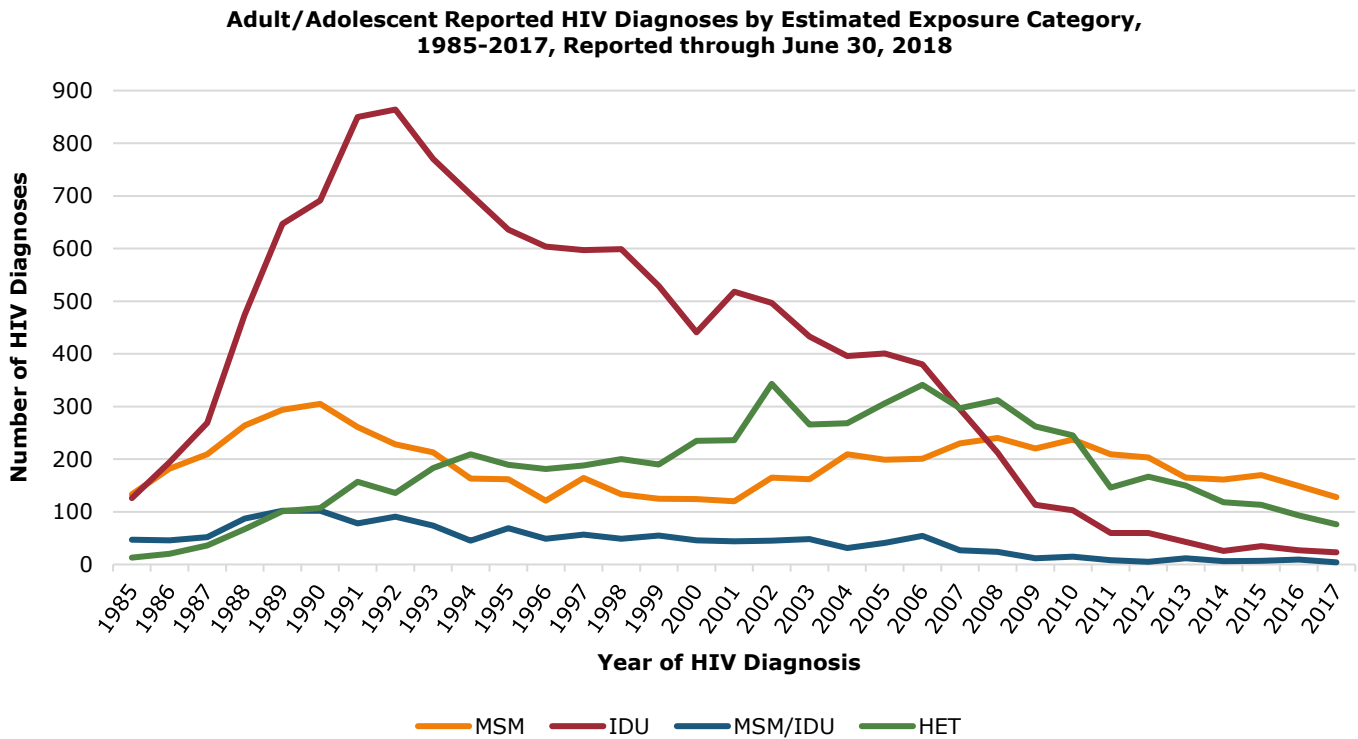


Adult/Adolescent Reported HIV Diagnoses

Year of HIV Diagnosis	No.	Age at HIV Diagnosis											
		Age 13-19		Age 20-29		Age 30-39		Age 40-49		Age 50-59		Age 60+	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<1985	165	8	4.8%	73	44.2%	53	32.1%	21	12.7%	9	5.5%	1	0.6%
1985	320	13	4.1%	132	41.3%	123	38.4%	44	13.8%	5	1.6%	3	0.9%
1986	447	15	3.4%	171	38.3%	176	39.4%	65	14.5%	14	3.1%	6	1.3%
1987	568	15	2.6%	176	31.0%	266	46.8%	82	14.4%	21	3.7%	8	1.4%
1988	897	14	1.6%	271	30.2%	423	47.2%	143	15.9%	35	3.9%	11	1.2%
1989	1,152	25	2.2%	322	28.0%	533	46.3%	213	18.5%	48	4.2%	11	1.0%
1990	1,210	24	2.0%	332	27.4%	545	45.0%	225	18.6%	59	4.9%	25	2.1%
1991	1,353	19	1.4%	330	24.4%	631	46.6%	295	21.8%	60	4.4%	18	1.3%
1992	1,325	18	1.4%	280	21.1%	648	48.9%	303	22.9%	57	4.3%	19	1.4%
1993	1,242	15	1.2%	231	18.6%	603	48.6%	301	24.2%	71	5.7%	21	1.7%
1994	1,124	12	1.1%	214	19.0%	510	45.4%	297	26.4%	73	6.5%	18	1.6%
1995	1,059	11	1.0%	170	16.1%	472	44.6%	296	28.0%	76	7.2%	34	3.2%
1996	957	9	0.9%	123	12.9%	416	43.5%	297	31.0%	86	9.0%	26	2.7%
1997	1,006	15	1.5%	141	14.0%	436	43.3%	303	30.1%	70	7.0%	41	4.1%
1998	984	20	2.0%	137	13.9%	388	39.4%	324	32.9%	89	9.0%	26	2.6%
1999	899	14	1.6%	112	12.5%	331	36.8%	304	33.8%	109	12.1%	29	3.2%
2000	846	17	2.0%	108	12.8%	297	35.1%	302	35.7%	86	10.2%	36	4.3%
2001	918	12	1.3%	116	12.6%	312	34.0%	334	36.4%	111	12.1%	33	3.6%
2002	1,051	40	3.8%	148	14.1%	319	30.4%	365	34.7%	135	12.8%	44	4.2%
2003	912	30	3.3%	124	13.6%	268	29.4%	307	33.7%	137	15.0%	46	5.0%
2004	905	25	2.8%	133	14.7%	238	26.3%	333	36.8%	136	15.0%	40	4.4%
2005	947	25	2.6%	139	14.7%	205	21.6%	377	39.8%	165	17.4%	36	3.8%
2006	980	31	3.2%	154	15.7%	211	21.5%	352	35.9%	171	17.4%	61	6.2%
2007	851	41	4.8%	158	18.6%	163	19.2%	301	35.4%	149	17.5%	39	4.6%
2008	788	38	4.8%	161	20.4%	141	17.9%	236	29.9%	154	19.5%	58	7.4%
2009	607	26	4.3%	144	23.7%	134	22.1%	166	27.3%	102	16.8%	35	5.8%
2010	599	25	4.2%	137	22.9%	96	16.0%	185	30.9%	130	21.7%	26	4.3%
2011	423	21	5.0%	137	32.4%	69	16.3%	100	23.6%	78	18.4%	18	4.3%
2012	435	27	6.2%	144	33.1%	67	15.4%	98	22.5%	71	16.3%	28	6.4%
2013	373	16	4.3%	123	33.0%	70	18.8%	74	19.8%	58	15.5%	32	8.6%
2014	311	7	2.3%	97	31.2%	76	24.4%	58	18.6%	54	17.4%	19	6.1%
2015	325	15	4.6%	122	37.5%	74	22.8%	50	15.4%	48	14.8%	16	4.9%
2016	278	15	5.4%	109	39.2%	59	21.2%	40	14.4%	34	12.2%	21	7.6%
2017	231	18	7.8%	68	29.4%	52	22.5%	30	13.0%	39	16.9%	24	10.4%
Total	26,488	676	2.6%	5,537	20.9%	9,405	35.5%	7,221	27.3%	2,740	10.3%	909	3.4%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Estimated Exposure Category, among Residents at Diagnosis, 1985-2017, Reported through June 30, 2018

Number and Percent by Estimated Exposure Category[§] of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2017, as Reported through June 30, 2018



Other exposure category not shown

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

Adult/Adolescent Reported HIV Diagnoses												
Year of HIV Diagnosis	No.	% with No Reported Exposure [‡]	Estimated Exposure Category [§]									
			MSM		IDU		MSM/IDU		HET		Other Exposure	
			No.	%	No.	%	No.	%	No.	%	No.	%
<1985	165	3.6%	92	55.8%	49	29.7%	18	10.7%	4	2.5%	2	1.2%
1985	320	3.8%	133	41.4%	126	39.4%	47	14.7%	13	4.2%	1	0.3%
1986	447	1.6%	182	40.8%	194	43.5%	46	10.3%	20	4.5%	4	0.9%
1987	568	2.6%	209	36.7%	269	47.3%	52	9.2%	36	6.3%	3	0.5%
1988	897	2.5%	264	29.5%	474	52.8%	87	9.7%	67	7.4%	5	0.6%
1989	1,152	2.2%	294	25.5%	647	56.2%	102	8.8%	101	8.7%	9	0.8%
1990	1,210	3.6%	305	25.2%	691	57.1%	102	8.4%	107	8.9%	5	0.4%
1991	1,353	3.5%	261	19.3%	850	62.8%	78	5.8%	157	11.6%	7	0.5%
1992	1,325	3.9%	228	17.2%	864	65.2%	91	6.9%	136	10.3%	7	0.5%
1993	1,242	1.9%	213	17.1%	770	62.0%	74	5.9%	183	14.8%	2	0.2%
1994	1,124	3.4%	163	14.5%	703	62.6%	45	4.0%	209	18.6%	4	0.4%
1995	1,059	3.1%	162	15.3%	636	60.0%	69	6.5%	189	17.8%	3	0.3%
1996	957	4.2%	121	12.6%	604	63.1%	49	5.1%	181	18.9%	2	0.2%
1997	1,006	6.1%	164	16.3%	597	59.3%	57	5.7%	188	18.7%	0	0.0%
1998	984	5.2%	133	13.5%	599	60.9%	49	5.0%	200	20.4%	2	0.2%
1999	899	6.8%	125	13.9%	529	58.9%	55	6.1%	190	21.1%	0	0.0%
2000	846	7.1%	124	14.6%	441	52.1%	46	5.4%	235	27.8%	1	0.1%
2001	918	7.7%	120	13.1%	518	56.4%	44	4.8%	236	25.7%	0	0.0%
2002	1,051	9.8%	165	15.7%	497	47.3%	45	4.3%	343	32.7%	0	0.0%
2003	912	9.6%	162	17.8%	433	47.5%	48	5.3%	266	29.1%	3	0.3%
2004	905	10.7%	209	23.0%	396	43.8%	31	3.4%	268	29.6%	2	0.2%
2005	947	14.5%	199	21.1%	401	42.4%	41	4.3%	306	32.3%	0	0.0%
2006	980	19.7%	201	20.5%	380	38.8%	54	5.5%	341	34.7%	4	0.4%
2007	851	20.8%	230	27.0%	295	34.6%	27	3.2%	297	34.9%	2	0.2%
2008	788	23.7%	240	30.4%	212	26.9%	24	3.1%	312	39.5%	0	0.0%
2009	607	31.3%	220	36.3%	113	18.6%	12	2.0%	262	43.1%	0	0.0%
2010	599	32.6%	237	39.5%	103	17.1%	15	2.5%	245	40.8%	0	0.0%
2011	423	25.3%	209	49.3%	60	14.1%	8	1.9%	146	34.6%	0	0.0%
2012	435	20.0%	203	46.6%	60	13.8%	5	1.2%	167	38.4%	0	0.0%
2013	373	11.8%	165	44.5%	43	11.6%	12	3.3%	150	40.3%	1	0.3%
2014	311	10.6%	161	51.9%	26	8.4%	6	1.9%	118	37.8%	0	0.0%
2015	325	4.3%	170	52.4%	35	10.8%	7	2.0%	113	34.8%	0	0.0%
2016	278	8.6%	149	53.7%	27	9.8%	9	3.1%	93	33.4%	0	0.0%
2017	231	15.6%	128	55.5%	23	10.0%	4	1.5%	76	33.0%	0	0.0%
Total	26,488	9.0%	6,342	23.9%	12,666	47.8%	1,458	5.5%	5,952	22.5%	69	0.3%

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

‡Percent with no reported exposure prior to multiple imputation adjustment

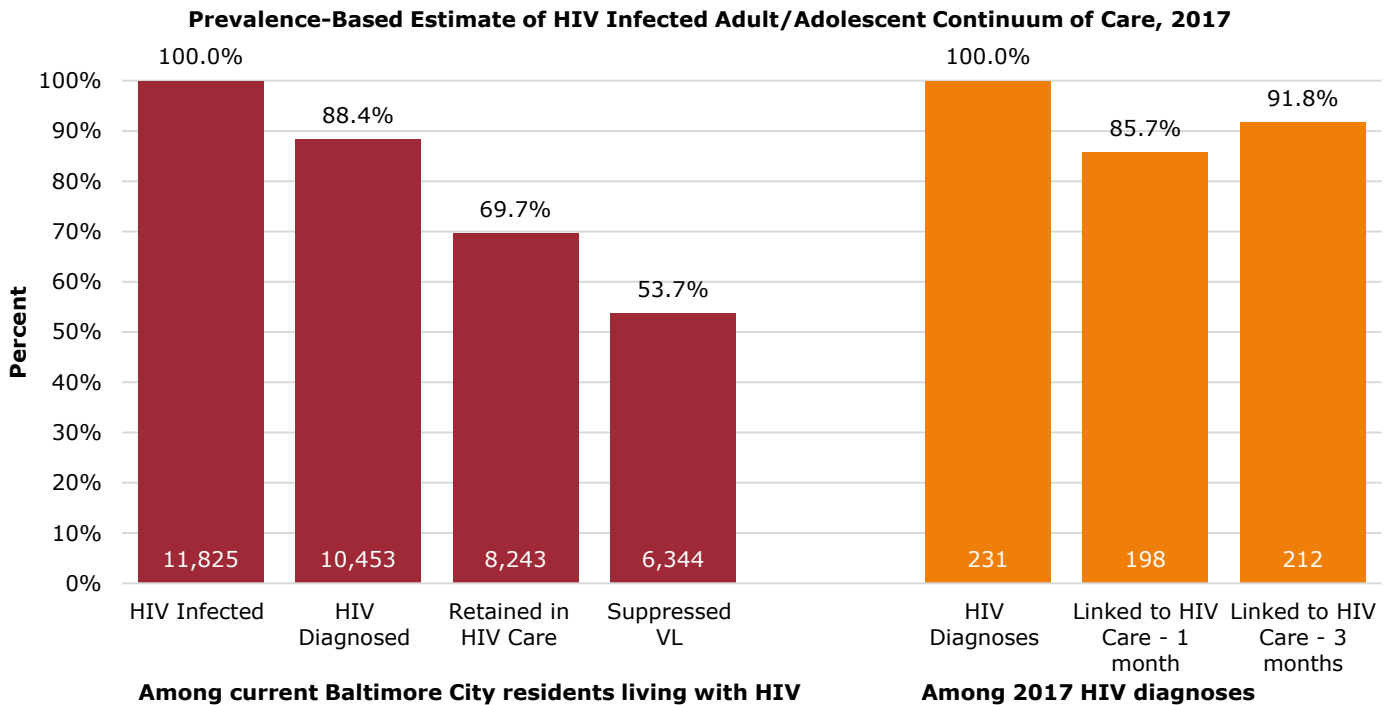
Note. Discrepancies in the table between total HIV diagnoses and the sums by exposure category are due to less than 1 percent of cases missing transmission category after multiple imputation

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 7 – Prevalence-Based Estimated Adult/Adolescent 2017 HIV Continuum of Care Cascades, Current Baltimore City Residents, Reported through June 30, 2018

The prevalence-based Baltimore City Engagement in HIV Care Cascade (below) applies the Centers for Disease Control and Prevention (CDC) CD4 depletion model to Maryland surveillance data, reported through June 30, 2018, to estimate the number of people living with undiagnosed HIV (11.6 percent) and the estimated number of HIV infected persons currently residing in Maryland. Maryland surveillance data is then used to describe the number and percentage of persons living with HIV in Baltimore City on December 31, 2017 and the number and percentage of new HIV diagnoses in 2017 who belong to each of the stages of engagement in HIV care.



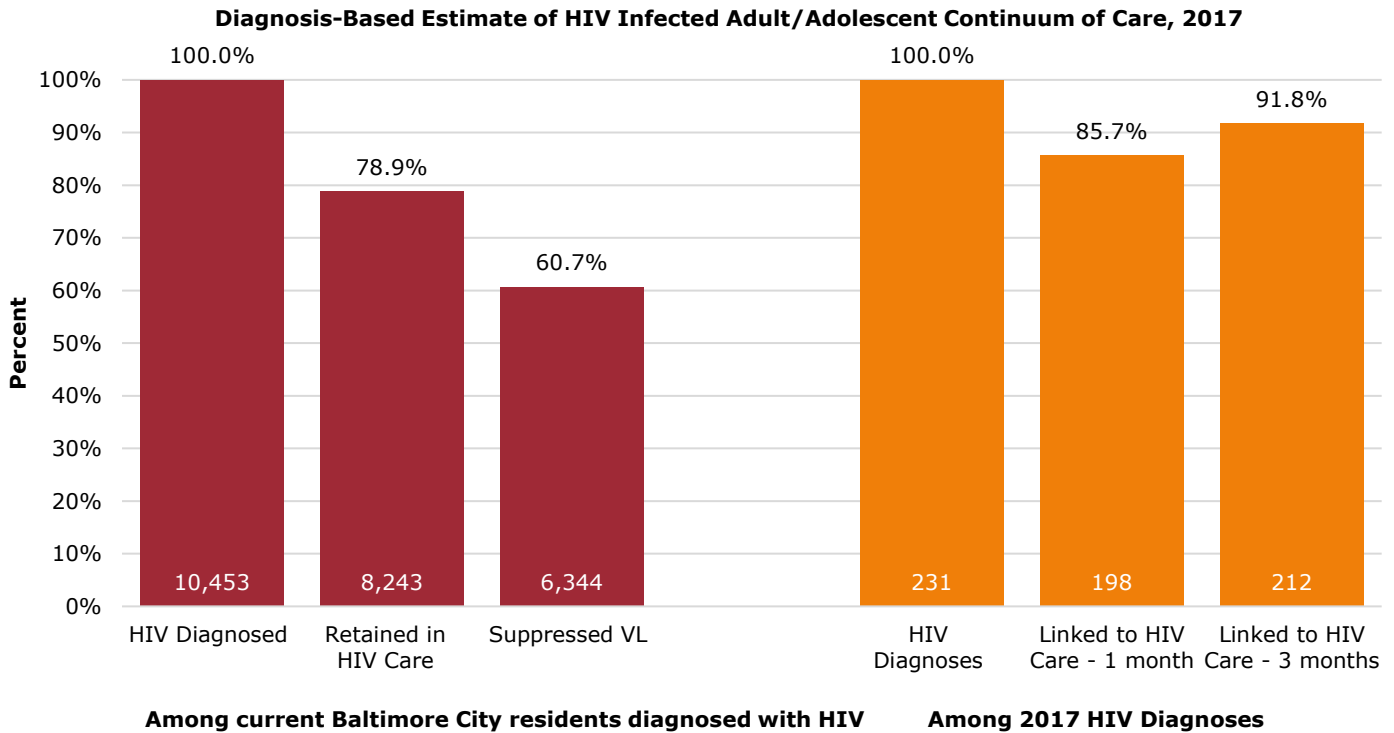
Continuum of Care Stage	Living HIV Cases		Continuum of Care Stage	New Diagnoses	
	Number	Percentage		Number	Percentage
HIV Infected	11,825	100.0%	New HIV Diagnoses	231	100.0%
HIV Diagnosed	10,453	88.4%	Linked to HIV Care – 1 Month	198	85.7%
Retained in HIV Care	8,243	69.7%	Linked to HIV Care – 3 Months	212	91.8%
Suppressed VL	6,344	53.7%			

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.

²Centers 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 8 – Diagnosis-Based Estimated Adult/Adolescent 2017 HIV Continuum of Care Cascades, Current Baltimore City Residents, Reported through June 30, 2018

The diagnosis-based Baltimore City Engagement in HIV Care Cascade (below) uses Maryland surveillance data for current Baltimore City residents to describe the number and percentage of persons living with HIV in Baltimore City on December 31, 2017 and the number and percentage of new HIV diagnoses in 2017 who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Living HIV Cases		Continuum of Care Stage	New Diagnoses	
	Number	Percentage		Number	Percentage
HIV Diagnosed	10,453	100.0%	New HIV Diagnoses	231	100.0%
Retained in HIV Care	8,243	78.9%	Linked to HIV Care – 1 Month	198	85.7%
Suppressed VL	6,344	60.7%	Linked to HIV Care – 3 Months	212	91.8%

Section IV – Adult/Adolescent Cases by Jurisdiction

Table 1 – Adult/Adolescent HIV Diagnoses during 2017, Linked to Care, Late Diagnosis, and First CD4 Test Result by Jurisdiction of Residence at HIV Diagnosis, Reported through June 30, 2018

Jurisdiction of Residence at HIV Diagnosis	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
					% 1 mo.	% 3 mo.	%	%	Median Count
21201	15,041	11	4.8%	73.1	63.6%	72.7%	***	81.8%	725
21202	20,545	14	6.1%	68.1	71.4%	92.9%	***	85.7%	441
21205	12,434	8	3.5%	64.3	62.5%	75.0%	***	100.0%	406
21206	32,902	14	6.1%	42.6	85.7%	92.9%	***	92.9%	377
21207	11,766	3	1.3%	25.5	***	***	***	***	***
21208	1,577	1	0.4%	63.4	***	***	***	***	***
21209	10,011	1	0.4%	10.0	***	***	***	***	***
21210	11,902	1	0.4%	8.4	***	***	***	***	***
21211	15,405	2	0.9%	13.0	***	***	***	***	***
21212	17,557	4	1.7%	22.8	***	***	***	***	***
21213	26,361	15	6.5%	56.9	86.7%	86.7%	***	80.0%	461
21214	17,092	9	3.9%	52.7	66.7%	88.9%	***	77.8%	462
21215	48,061	23	10.0%	47.9	87.0%	91.3%	21.7%	95.7%	441
21216	26,331	12	5.2%	45.6	100.0%	100.0%	***	91.7%	524
21217	30,196	17	7.4%	56.3	100.0%	100.0%	29.4%	88.2%	294
21218	43,141	19	8.2%	44.0	94.7%	94.7%	36.8%	84.2%	263
21222	1,567	0	0.0%	0.0	--	--	--	--	--
21223	21,112	12	5.2%	56.8	91.7%	91.7%	***	91.7%	371
21224	34,384	14	6.1%	40.7	85.7%	92.9%	***	92.9%	307
21225	14,171	10	4.3%	70.6	80.0%	80.0%	***	80.0%	403
21226	2,576	1	0.4%	38.8	***	***	***	***	***
21227	782	0	0.0%	0.0	--	--	--	--	--
21228	223	0	0.0%	0.0	--	--	--	--	--
21229	31,571	12	5.2%	38.0	91.7%	100.0%	***	91.7%	490
21230	28,760	5	2.2%	17.4	100.0%	100.0%	0.0%	***	***
21231	13,633	5	2.2%	36.7	100.0%	100.0%	***	100.0%	270
21234	7,116	5	2.2%	70.3	60.0%	100.0%	***	***	***
21236	173	0	0.0%	0.0	--	--	--	--	--
21237	39	0	0.0%	0.0	--	--	--	--	--
21239	19,967	9	3.9%	45.1	88.9%	100.0%	***	100.0%	425
21251	923	0	0.0%	0.0	--	--	--	--	--
Unknown	--	4	1.7%	--	***	***	***	***	***
Total	517,321	231	100.0%	44.7	85.7%	91.8%	20.8%	88.3%	415

*** Data withheld due to low population counts and/or case counts

Table 2 – Adult/Adolescent AIDS Diagnoses during 2017, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction of Residence at AIDS Diagnosis, Reported through June 30, 2018

Jurisdiction of Residence at AIDS Diagnosis	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
21201	15,041	8	4.6%	53.2	8.8	37.5%
21202	20,545	10	5.7%	48.7	7.3	40.0%
21205	12,434	6	3.4%	48.3	7.2	33.3%
21206	32,902	11	6.3%	33.4	5.0	36.4%
21207	11,766	2	1.1%	17.0	***	***
21208	1,577	0	0.0%	0.0	--	--
21209	10,011	1	0.6%	10.0	***	***
21210	11,902	1	0.6%	8.4	***	***
21211	15,405	1	0.6%	6.5	***	***
21212	17,557	7	4.0%	39.9	10.7	0.0%
21213	26,361	12	6.9%	45.5	8.7	16.7%
21214	17,092	4	2.3%	23.4	***	***
21215	48,061	21	12.0%	43.7	6.9	38.1%
21216	26,331	6	3.4%	22.8	6.2	16.7%
21217	30,196	20	11.4%	66.2	7.8	30.0%
21218	43,141	16	9.1%	37.1	5.1	37.5%
21222	1,567	0	0.0%	0.0	--	--
21223	21,112	11	6.3%	52.1	5.0	36.4%
21224	34,384	8	4.6%	23.3	4.6	50.0%
21225	14,171	4	2.3%	28.2	***	***
21226	2,576	0	0.0%	0.0	--	--
21227	782	0	0.0%	0.0	--	--
21228	223	0	0.0%	0.0	--	--
21229	31,571	7	4.0%	22.2	11.0	14.3%
21230	28,760	7	4.0%	24.3	5.9	14.3%
21231	13,633	4	2.3%	29.3	***	***
21234	7,116	2	1.1%	28.1	***	***
21236	173	0	0.0%	0.0	--	--
21237	39	0	0.0%	0.0	--	--
21239	19,967	6	3.4%	30.0	2.3	33.3%
21251	923	0	0.0%	0.0	--	--
Unknown	--	0	0.0%	--	--	--
Total	517,321	175	100.0%	33.8	6.9	31.4%

*** Data withheld due to low population counts and/or case counts

Table 3 – Adult/Adolescent HIV Cases Alive on December 31, 2017, by Jurisdiction of Residence at Diagnosis, Reported through June 30, 2018

Jurisdiction of Residence at Diagnosis	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
21201	15,041	246	4.4%	1,635.5	291	4.2%	1,934.7	537	4.3%	3,570.2	28
21202	20,545	365	6.5%	1,776.6	439	6.4%	2,136.8	804	6.5%	3,913.4	25
21205	12,434	266	4.8%	2,139.2	314	4.6%	2,525.3	580	4.7%	4,664.5	21
21206	32,902	254	4.5%	772.0	317	4.6%	963.5	571	4.6%	1,735.5	57
21207	11,766	138	2.5%	1,172.8	151	2.2%	1,283.3	289	2.3%	2,456.2	40
21208	1,577	6	0.1%	380.4	2	0.0%	126.8	8	0.1%	507.2	197
21209	10,011	27	0.5%	269.7	30	0.4%	299.7	57	0.5%	569.4	175
21210	11,902	21	0.4%	176.4	11	0.2%	92.4	32	0.3%	268.9	371
21211	15,405	63	1.1%	409.0	78	1.1%	506.3	141	1.1%	915.3	109
21212	17,557	125	2.2%	711.9	147	2.1%	837.3	272	2.2%	1,549.2	64
21213	26,361	413	7.4%	1,566.7	532	7.7%	2,018.1	945	7.6%	3,584.9	27
21214	17,092	86	1.5%	503.2	116	1.7%	678.7	202	1.6%	1,181.8	84
21215	48,061	483	8.6%	1,005.0	650	9.5%	1,352.4	1,133	9.1%	2,357.4	42
21216	26,331	335	6.0%	1,272.3	424	6.2%	1,610.3	759	6.1%	2,882.5	34
21217	30,196	624	11.2%	2,066.5	795	11.6%	2,632.8	1,419	11.4%	4,699.3	21
21218	43,141	549	9.8%	1,272.6	667	9.7%	1,546.1	1,216	9.8%	2,818.6	35
21222	1,567	10	0.2%	638.0	2	0.0%	127.6	12	0.1%	765.6	130
21223	21,112	345	6.2%	1,634.1	465	6.8%	2,202.5	810	6.5%	3,836.6	26
21224	34,384	212	3.8%	616.6	245	3.6%	712.6	457	3.7%	1,329.1	75
21225	14,171	130	2.3%	917.4	158	2.3%	1,115.0	288	2.3%	2,032.4	49
21226	2,576	15	0.3%	582.2	20	0.3%	776.3	35	0.3%	1,358.5	73
21227	782	***	***	***	***	***	***	***	***	***	***
21228	223	***	***	***	***	***	***	***	***	***	***
21229	31,571	286	5.1%	905.9	376	5.5%	1,191.0	662	5.3%	2,096.9	47
21230	28,760	173	3.1%	601.5	185	2.7%	643.2	358	2.9%	1,244.8	80
21231	13,633	116	2.1%	850.9	160	2.3%	1,173.6	276	2.2%	2,024.5	49
21234	7,116	34	0.6%	477.8	48	0.7%	674.5	82	0.7%	1,152.3	86
21236	173	***	***	***	***	***	***	***	***	***	***
21237	39	***	***	***	***	***	***	***	***	***	***
21239	19,967	132	2.4%	661.1	174	2.5%	871.4	306	2.5%	1,532.5	65
21251	923	***	***	***	***	***	***	***	***	***	***
Unknown	--	81	1.5%	--	65	0.9%	--	146	1.2%	--	--
Total	517,321	5,585	100.0%	1,079.6	6,875	100.0%	1,329.0	12,460	100.0%	2,408.6	41

*** Data withheld due to low population counts and/or case counts

Table 4 – Adult/Adolescent HIV Cases Alive on December 31, 2017, by Jurisdiction of Residence at Diagnosis and Current Residence, Reported through June 30, 2018

Jurisdiction of Residence	Population Age 13+	Adult/Adolescent Total Living HIV Cases								
		Residence at Diagnosis				Current Residence				% Change
		No.	% of Total	Rate	Ratio (1 in X)	No.	% of Total	Rate	Ratio (1 in X)	
21201	15,041	537	4.3%	3,570.2	28	509	4.9%	3,384.0	29	-5.2%
21202	20,545	804	6.5%	3,913.4	25	577	5.5%	2,808.5	35	-28.2%
21205	12,434	580	4.7%	4,664.5	21	345	3.3%	2,774.6	36	-40.5%
21206	32,902	571	4.6%	1,735.5	57	643	6.2%	1,954.3	51	12.6%
21207	11,766	289	2.3%	2,456.2	40	234	2.2%	1,988.7	50	-19.0%
21208	1,577	8	0.1%	507.2	197	9	0.1%	570.6	175	12.5%
21209	10,011	57	0.5%	569.4	175	66	0.6%	659.3	151	15.8%
21210	11,902	32	0.3%	268.9	371	38	0.4%	319.3	313	18.8%
21211	15,405	141	1.1%	915.3	109	134	1.3%	869.8	114	-5.0%
21212	17,557	272	2.2%	1,549.2	64	265	2.5%	1,509.3	66	-2.6%
21213	26,361	945	7.6%	3,584.9	27	718	6.9%	2,723.7	36	-24.0%
21214	17,092	202	1.6%	1,181.8	84	227	2.2%	1,328.1	75	12.4%
21215	48,061	1,133	9.1%	2,357.4	42	1,045	10.0%	2,174.3	45	-7.8%
21216	26,331	759	6.1%	2,882.5	34	656	6.3%	2,491.3	40	-13.6%
21217	30,196	1,419	11.4%	4,699.3	21	1,118	10.7%	3,702.4	27	-21.2%
21218	43,141	1,216	9.8%	2,818.6	35	980	9.4%	2,271.6	44	-19.4%
21222	1,567	12	0.1%	765.6	130	18	0.2%	1,148.4	87	50.0%
21223	21,112	810	6.5%	3,836.6	26	641	6.1%	3,036.2	32	-20.9%
21224	34,384	457	3.7%	1,329.1	75	343	3.3%	997.6	100	-24.9%
21225	14,171	288	2.3%	2,032.4	49	242	2.3%	1,707.8	58	-16.0%
21226	2,576	35	0.3%	1,358.5	73	29	0.3%	1,125.6	88	-17.1%
21227	782	***	***	***	***	***	***	***	***	***
21228	223	***	***	***	***	***	***	***	***	***
21229	31,571	662	5.3%	2,096.9	47	632	6.0%	2,001.8	49	-4.5%
21230	28,760	358	2.9%	1,244.8	80	319	3.1%	1,109.2	90	-10.9%
21231	13,633	276	2.2%	2,024.5	49	226	2.2%	1,657.7	60	-18.1%
21234	7,116	82	0.7%	1,152.3	86	68	0.7%	955.5	104	-17.1%
21236	173	***	***	***	***	***	***	***	***	***
21237	39	***	***	***	***	***	***	***	***	***
21239	19,967	306	2.5%	1,532.5	65	313	3.0%	1,567.6	63	2.3%
21251	923	***	***	***	***	***	***	***	***	***
Unknown	--	146	1.2%	--	--	50	0.5%	--	--	--
Total	517,321	12,460	100.0%	2,408.6	41	10,453	100.0%	2,020.6	49	-16.1%

*** Data withheld due to low population counts and/or case counts

Table 5 – CD4 Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Jurisdiction of Current Residence, Reported through June 30, 2018

Jurisdiction of Current Residence	Adult/Adolescent Total Living HIV Cases								
	No.	Recent CD4 Test Result						350-499	500+
		No. with Test	% with Test	Median Count	<200	200-349			
21201	509	355	69.7%	569	9.9%	12.4%	18.3%	59.4%	
21202	577	381	66.0%	578	14.4%	11.8%	11.5%	62.2%	
21205	345	242	70.1%	547	16.9%	11.2%	14.0%	57.9%	
21206	643	465	72.3%	560	11.0%	12.9%	19.1%	57.0%	
21207	234	154	65.8%	590	7.8%	13.6%	16.9%	61.7%	
21208	9	7	77.8%	626	14.3%	14.3%	14.3%	57.1%	
21209	66	43	65.2%	670	7.0%	14.0%	14.0%	65.1%	
21210	38	26	68.4%	478	3.8%	19.2%	34.6%	42.3%	
21211	134	97	72.4%	550	4.1%	14.4%	20.6%	60.8%	
21212	265	185	69.8%	591	10.8%	14.1%	17.3%	57.8%	
21213	718	515	71.7%	510	12.2%	16.1%	18.8%	52.8%	
21214	227	165	72.7%	662	8.5%	9.1%	12.7%	69.7%	
21215	1,045	763	73.0%	556	12.7%	13.2%	16.5%	57.5%	
21216	656	453	69.1%	591	9.7%	15.0%	15.0%	60.3%	
21217	1,118	810	72.5%	545	12.8%	14.6%	17.8%	54.8%	
21218	980	693	70.7%	566	10.1%	14.6%	16.5%	58.9%	
21222	18	16	88.9%	584	6.3%	6.3%	25.0%	62.5%	
21223	641	458	71.5%	523	13.1%	16.8%	18.3%	51.7%	
21224	343	225	65.6%	582	9.3%	14.7%	18.7%	57.3%	
21225	242	167	69.0%	551	17.4%	10.8%	16.2%	55.7%	
21226	29	17	58.6%	754	11.8%	5.9%	17.6%	64.7%	
21227	***	***	***	***	***	***	***	***	
21228	***	***	***	***	***	***	***	***	
21229	632	447	70.7%	574	10.3%	13.2%	17.2%	59.3%	
21230	319	213	66.8%	566	11.7%	16.4%	13.1%	58.7%	
21231	226	165	73.0%	612	10.9%	11.5%	17.6%	60.0%	
21234	68	58	85.3%	638	10.3%	10.3%	15.5%	63.8%	
21236	***	***	***	***	***	***	***	***	
21237	***	***	***	***	***	***	***	***	
21239	313	223	71.2%	604	9.4%	12.6%	13.0%	65.0%	
21251	***	***	***	***	***	***	***	***	
Unknown	50	27	54.0%	486	3.7%	11.1%	37.0%	48.1%	
Total	10,453	7,372	70.5%	566	11.5%	13.8%	16.8%	58.0%	

*** Data withheld due to low population counts and/or case counts

Table 6 – Viral Load Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Jurisdiction of Current Residence, Reported through June 30, 2018

Jurisdiction of Current Residence	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
21201	509	367	72.1%	82.0%	11,159
21202	577	388	67.2%	80.9%	10,325
21205	345	252	73.0%	75.8%	26,870
21206	643	481	74.8%	81.9%	14,000
21207	234	176	75.2%	85.2%	28,369
21208	9	6	66.7%	100.0%	--
21209	66	45	68.2%	84.4%	1,180
21210	38	31	81.6%	93.5%	1,860
21211	134	101	75.4%	92.1%	11,435
21212	265	201	75.8%	87.6%	4,020
21213	718	547	76.2%	82.3%	17,400
21214	227	171	75.3%	87.1%	11,900
21215	1,045	838	80.2%	80.5%	9,175
21216	656	484	73.8%	81.6%	8,620
21217	1,118	841	75.2%	79.1%	14,610
21218	980	731	74.6%	81.1%	8,258
21222	18	17	94.4%	94.1%	665
21223	641	472	73.6%	77.1%	10,936
21224	343	244	71.1%	82.4%	8,650
21225	242	170	70.2%	77.1%	14,150
21226	29	16	55.2%	68.8%	24,200
21227	***	***	***	***	***
21228	***	***	***	***	***
21229	632	472	74.7%	82.8%	20,341
21230	319	227	71.2%	85.9%	7,866
21231	226	176	77.9%	83.5%	7,053
21234	68	57	83.8%	87.7%	7,286
21236	***	***	***	***	***
21237	***	***	***	***	***
21239	313	225	71.9%	86.2%	12,496
21251	***	***	***	***	***
Unknown	50	27	54.0%	77.8%	34,243
Total	10,453	7,765	74.3%	81.7%	12,391

*** Data withheld due to low population counts and/or case counts

Section V – Cases by Age

Table 7 – HIV Diagnoses during 2017, Linked to Care, Late Diagnosis, and First CD4 Test Result by Age at HIV Diagnosis, Reported through June 30, 2018

Age at HIV Diagnosis	Population	Reported HIV Diagnoses							
		No.	% of Total	Rate	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
					% 1 mo.	% 3 mo.	%	%	Median Count
<5 (Pediatric)	39,143	0	0.0%	0.0	--	--	--	--	--
5-12 (Pediatric)	55,184	0	0.0%	0.0	--	--	--	--	--
13-19	48,455	18	7.8%	37.1	83.3%	88.9%	***	83.3%	450
20-29	105,393	68	29.4%	64.5	85.3%	88.2%	19.1%	89.7%	423
30-39	96,826	52	22.5%	53.7	84.6%	100.0%	***	92.3%	458
40-49	68,007	30	13.0%	44.1	83.3%	86.7%	26.7%	90.0%	394
50-59	79,431	39	16.9%	49.1	92.3%	94.9%	23.1%	79.5%	398
60+	119,209	24	10.4%	20.1	83.3%	87.5%	33.3%	91.7%	251
Total	611,648	231	100.0%	37.8	85.7%	91.8%	20.8%	88.3%	415

*** Data withheld due to low population counts and/or case counts

Table 8 – HIV Cases Alive on December 31, 2017, by Age on December 31, 2017, Reported through June 30, 2018

Age on December 31, 2017	Population	Total Living HIV Cases				
		No.	% of Total	% Living with AIDS	Rate	Ratio (1 in X)
<5	39,143	1	0.0%	100.0%	0.0	39,143
5-12	55,184	13	0.1%	7.7%	0.2	4,244
13-19	48,455	45	0.4%	17.8%	0.8	1,076
20-29	105,393	907	8.7%	32.9%	8.3	116
30-39	96,826	1,669	15.9%	43.8%	16.4	58
40-49	68,007	1,990	19.0%	59.2%	27.9	34
50-59	79,431	3,548	33.9%	66.1%	42.7	22
60+	119,209	2,294	21.9%	68.4%	18.4	51
Total	611,648	10,467	100.0%	58.6%	16.3	58

Table 9 – CD4 Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Age on December 31, 2017, Reported through June 30, 2018

Age on December 31, 2017	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	45	30	66.7%	628	0.0%	3.3%	23.3%	73.3%
20-29	907	607	66.9%	542	12.4%	13.5%	17.3%	56.8%
30-39	1,669	1,120	67.1%	576	12.3%	12.2%	16.6%	58.8%
40-49	1,990	1,375	69.1%	559	13.0%	14.3%	16.9%	55.9%
50-59	3,548	2,582	72.8%	563	11.0%	14.4%	17.2%	57.4%
60+	2,294	1,658	72.3%	578	10.1%	13.8%	15.9%	60.2%
Total	10,453	7,372	70.5%	566	11.5%	13.8%	16.8%	58.0%

Table 10 – Viral Load Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Age on December 31, 2017, Reported through June 30, 2018

Age on December 31, 2017	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
13-19	45	36	80.0%	72.2%	25,775
20-29	907	644	71.0%	63.5%	15,800
30-39	1,669	1,173	70.3%	74.8%	10,004
40-49	1,990	1,442	72.5%	79.7%	16,665
50-59	3,548	2,733	77.0%	85.2%	10,990
60+	2,294	1,737	75.7%	89.4%	7,064
Total	10,453	7,765	74.3%	81.7%	12,391

Section VI – Adult/Adolescent Cases by Demographics

Table 11 – Adult/Adolescent HIV Diagnoses during 2017, 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, 2018

Demographic Characteristics	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
					% 1 mo.	% 3 mo.	%	%	Median Count
Sex at Birth									
Male	239,445	176	76.2%	73.5	86.4%	92.0%	21.0%	88.1%	416
Female	277,876	55	23.8%	19.8	83.6%	90.9%	20.0%	89.1%	413
Gender									
Male	--	169	73.2%	--	87.0%	92.3%	21.9%	***	***
Female	--	55	23.8%	--	83.6%	90.9%	20.0%	***	***
Transgender Female	--	7	3.0%	--	71.4%	85.7%	0.0%	***	***
Transgender Male	--	0	0.0%	--	--	--	--	--	--
Another Gender Identity	--	0	0.0%	--	--	--	--	--	--
Race/Ethnicity									
Hispanic	23,141	7	3.0%	30.2	85.7%	85.7%	***	85.7%	412
Non-Hispanic	494,180	224	97.0%	45.3	85.7%	92.0%	21.0%	88.4%	415
American Indian/Alaska Native, only	1,479	0	0.0%	0.0	--	--	--	--	--
Asian, only	14,959	1	0.4%	6.7	***	***	***	***	***
Black, only	317,758	189	81.8%	59.5	86.2%	91.0%	21.2%	87.3%	413
Native Hawaiian/Other Pacific Islander, only	168	0	0.0%	0.0	--	--	--	--	--
White, only	152,399	31	13.4%	20.3	83.9%	96.8%	19.4%	93.5%	459
Multiracial/Other	7,417	3	1.3%	40.4	***	***	***	***	***
Total	517,321	231	100.0%	44.7	85.7%	91.8%	20.8%	88.3%	415
Country of Birth									
United States	477,751	212	91.8%	44.4	84.4%	91.0%	20.3%	87.3%	417
Foreign-Born	46,613	9	3.9%	19.3	100.0%	100.0%	***	100.0%	392
Africa	--	3	1.3%	--	***	***	***	***	***
Asia	--	0	0.0%	--	--	--	--	--	--
Caribbean	--	3	1.3%	--	***	***	***	***	***
Central America	--	3	1.3%	--	***	***	***	***	***
Other	--	0	0.0%	--	--	--	--	--	--
Unknown	--	10	4.3%	--	100.0%	100.0%	***	100.0%	324
Total	524,364	231	100.0%	44.1	85.7%	91.8%	20.8%	88.3%	415

Note. Population data by sex at birth, age, and race/ethnicity are from the 2017 U.S. Census population estimates. Population data by gender are unavailable. Population data by country of birth are from the 2016 American Community Survey.

*** Data withheld due to low population and/or case counts

Table 12 – Adult/Adolescent Living HIV Cases Alive on December 31, 2017, by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2018

Demographic Characteristics	Population Age 13+	Adult/Adolescent Total Living HIV Cases				
		No.	% of Total	% Living with AIDS	Rate	Ratio (1 in X)
Sex at Birth						
Male	239,445	6,757	64.6%	57.8%	2,821.9	35
Female	277,876	3,696	35.4%	60.2%	1,330.1	75
Gender						
Male	--	6,623	63.4%	58.0%	--	--
Female	--	3,690	35.3%	60.2%	--	--
Transgender Female	--	134	1.3%	47.0%	--	--
Transgender Male	--	6	0.1%	50.0%	--	--
Another Gender Identity	--	0	0.0%	0.0%	--	--
Race/Ethnicity						
Hispanic	23,141	390	3.7%	59.7%	1,685.3	59
Non-Hispanic	494,180	10,063	96.3%	58.6%	2,036.3	49
American Indian/Alaska Native, only	1,479	***	***	***	***	***
Asian, only	14,959	20	0.2%	30.0%	133.7	747
Black, only	317,758	8,647	82.7%	58.9%	2,721.3	36
Native Hawaiian/Other Pacific Islander, only	168	***	***	***	***	***
White, only	152,399	832	8.0%	52.6%	545.9	183
Multiracial/Other	7,417	558	5.3%	64.0%	7,523.5	13
Total	517,321	10,453	100.0%	58.6%	2,020.6	49
Country of Birth						
United States	477,751	9,977	95.4%	59.2%	2,088.3	47
Foreign-Born	46,613	211	2.0%	56.4%	452.7	220
Africa	--	96	0.9%	56.3%	--	--
Asia	--	21	0.2%	42.9%	--	--
Caribbean	--	24	0.2%	62.5%	--	--
Central America	--	50	0.5%	62.0%	--	--
Other	--	20	0.2%	50.0%	--	--
Unknown	--	265	2.5%	37.7%	--	--
Total	524,364	10,453	100.0%	58.6%	1,993.5	50

Note. Population data by sex at birth, age, and race/ethnicity are from the 2017 U.S. Census population estimates. Population data by gender are unavailable. Population data by country of birth are from the 2016 American Community Survey.

*** Data withheld due to low population and/or case counts

Table 13 – CD4 Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Sex at Birth, Gender, Race/Ethnicity and Country of Birth, Reported through June 30, 2018

Demographic Characteristics	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Sex at Birth								
Male	6,757	4,662	69.0%	545	11.4%	15.2%	17.4%	56.0%
Female	3,696	2,710	73.3%	620	11.5%	11.4%	15.7%	61.4%
Gender								
Male	6,623	***	***	***	***	***	***	***
Female	3,690	***	***	***	***	***	***	***
Transgender Female	134	***	***	***	***	***	***	***
Transgender Male	6	***	***	***	***	***	***	***
Another Gender Identity	0	--	--	--	--	--	--	--
Race/Ethnicity								
Hispanic	390	268	68.7%	545	11.2%	13.8%	17.9%	57.1%
Non-Hispanic	10,063	7,104	70.6%	567	11.5%	13.8%	16.8%	58.0%
American Indian/Alaska Native, only	1,479	***	***	***	***	***	***	***
Asian, only	20	12	60.0%	630	0.0%	25.0%	8.3%	66.7%
Black, only	8,647	6,097	70.5%	565	11.5%	13.9%	16.8%	57.8%
Native Hawaiian/Other Pacific Islander, only	168	***	***	***	***	***	***	***
White, only	832	578	69.5%	610	8.7%	12.6%	16.4%	62.3%
Multiracial/Other	558	415	74.4%	547	14.9%	13.0%	16.9%	55.2%
Country of Birth								
United States	9,977	7,044	70.6%	566	11.6%	13.9%	16.7%	57.8%
Foreign-Born	211	156	73.9%	552	7.1%	8.3%	21.2%	63.5%
Africa	96	66	68.8%	533	6.1%	4.5%	27.3%	62.1%
Asia	21	16	76.2%	554	0.0%	12.5%	25.0%	62.5%
Caribbean	24	19	79.2%	761	10.5%	10.5%	10.5%	68.4%
Central America	50	39	78.0%	551	10.3%	12.8%	15.4%	61.5%
Other	20	16	80.0%	550	6.3%	6.3%	18.8%	68.8%
Unknown	265	172	64.9%	557	8.1%	14.5%	18.0%	59.3%
Total	10,453	7,372	70.5%	566	11.5%	13.8%	16.8%	58.0%

*** Data withheld due to low population and/or case counts

Table 14 – Viral Load Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Sex at Birth, Gender, Race/Ethnicity and Country of Birth, Reported through June 30, 2018

Demographic Characteristics	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
Sex at Birth					
Male	6,757	4,873	72.1%	82.1%	13,630
Female	3,696	2,892	78.2%	81.0%	10,860
Gender					
Male	6,623	***	***	***	***
Female	3,690	***	***	***	***
Transgender Female	134	***	***	***	***
Transgender Male	6	***	***	***	***
Another Gender Identity	0	--	--	--	--
Race/Ethnicity					
Hispanic	390	283	72.6%	82.3%	15,425
Non-Hispanic	10,063	7,482	74.4%	81.6%	12,100
American Indian/Alaska Native, only	***	***	***	***	***
Asian, only	20	15	75.0%	93.3%	333,000
Black, only	8,647	6,430	74.4%	81.2%	11,270
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***
White, only	832	610	73.3%	87.4%	21,023
Multiracial/Other	558	425	76.2%	80.5%	17,047
Country of Birth					
United States	9,977	7,427	74.4%	81.4%	12,536
Foreign-Born	211	160	75.8%	92.5%	16,777
Africa	96	68	70.8%	95.6%	60,700
Asia	21	15	71.4%	100.0%	--
Caribbean	24	21	87.5%	90.5%	802
Central America	50	39	78.0%	84.6%	10,207
Other	20	17	85.0%	94.1%	60,942
Unknown	265	178	67.2%	83.7%	2,264
Total	10,453	7,765	74.3%	81.7%	12,391

*** Data withheld due to low population and/or case counts

Section VII – HIV Cases by Expanded Demographics

Figure 9 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity, Alive on December 31, 2017 and Reported through June 30, 2018

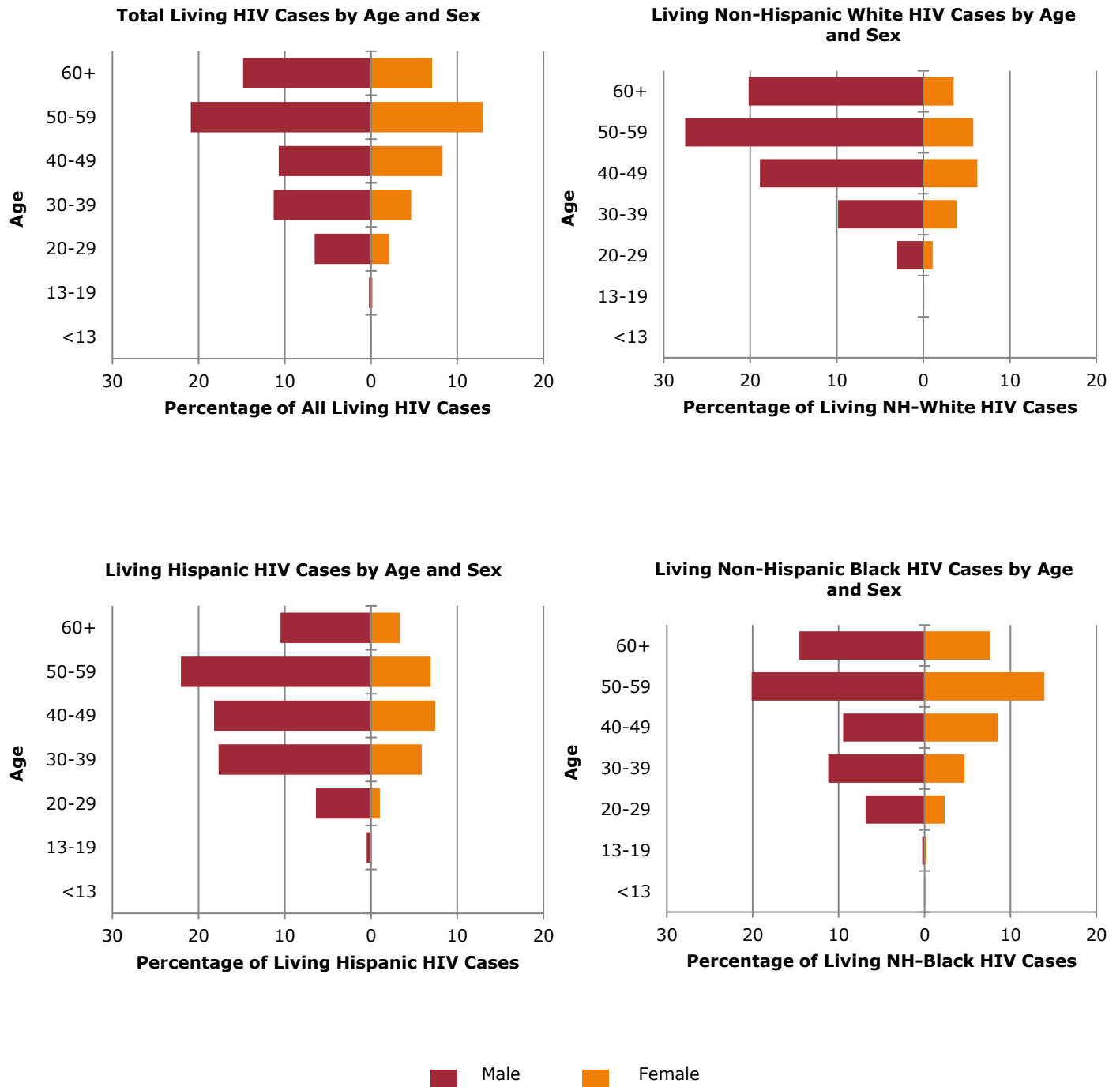


Table 15 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on December 31, 2017 and Reported through June 30, 2018

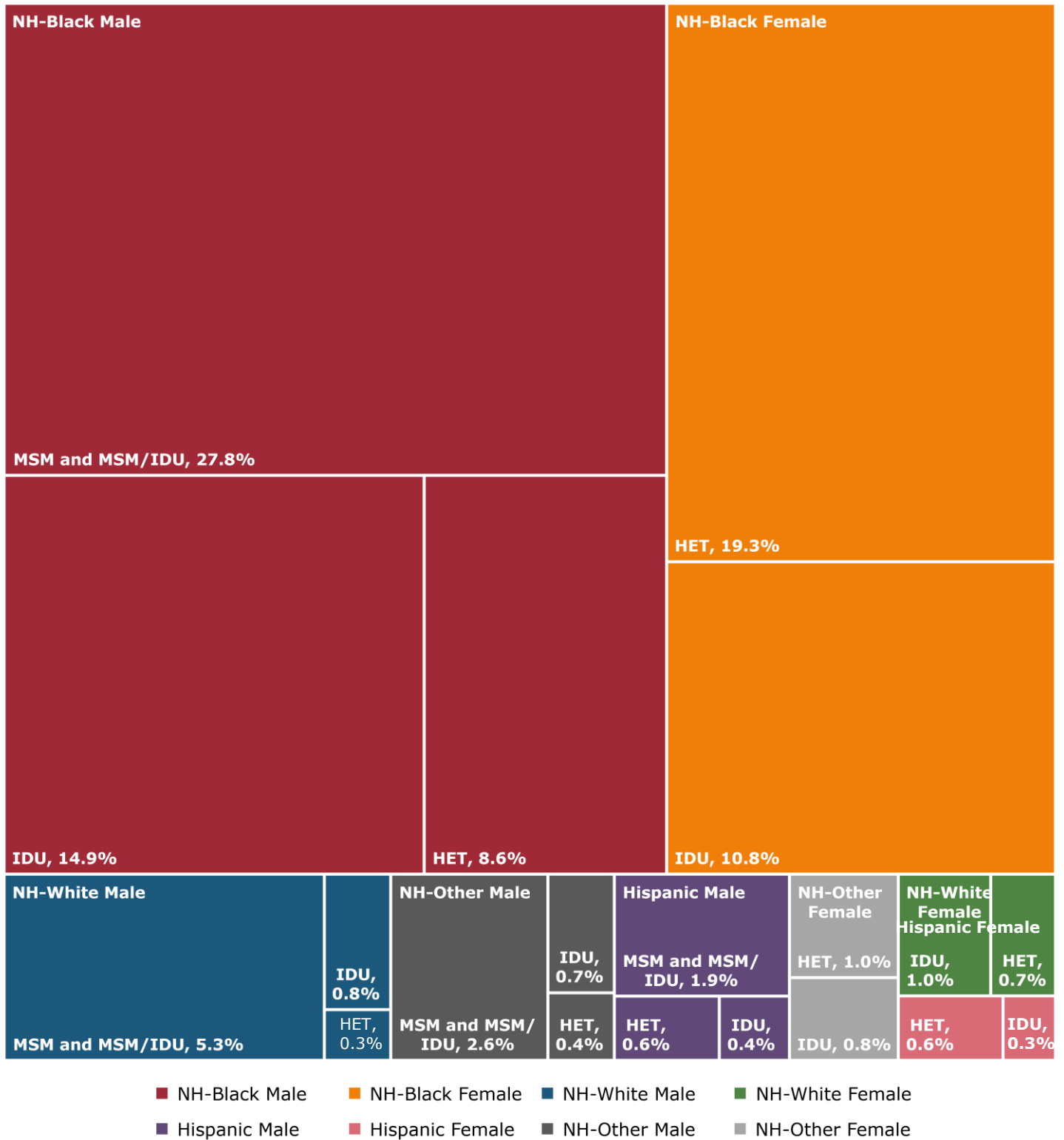
Age on December 31, 2017		Total Living Male HIV Cases				Total Males by Age Group
		Race/Ethnicity				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	4,706	31,594	8,602	2,887	47,789
	Cases	0	5	0	1	6
	Rate	0.0	15.8	0.0	34.6	12.6
	Ratio (1 in X)	--	6,318	--	2,887	7,964
13-19	Population	1,424	16,994	4,203	1,273	23,894
	Cases	2	23	0	1	26
	Rate	140.4	135.3	0.0	78.6	108.8
	Ratio (1 in X)	712	738	--	1,272	919
20-29	Population	2,841	28,644	15,718	3,182	50,385
	Cases	25	593	25	43	686
	Rate	880.0	2,070.2	159.1	1,351.4	1,361.5
	Ratio (1 in X)	113	48	628	74	73
30-39	Population	3,495	22,326	17,580	2,796	46,197
	Cases	69	970	82	62	1,183
	Rate	1,974.2	4,344.7	466.4	2,217.5	2,560.8
	Ratio (1 in X)	50	23	214	45	39
40-49	Population	2,267	19,017	9,694	1,372	32,350
	Cases	71	822	157	71	1,121
	Rate	3,131.9	4,322.4	1,619.6	5,174.9	3,465.2
	Ratio (1 in X)	31	23	61	19	28
50-59	Population	1,298	24,097	10,521	1,156	37,072
	Cases	86	1,742	229	131	2,188
	Rate	6,625.6	7,229.1	2,176.6	11,332.2	5,902.0
	Ratio (1 in X)	15	13	45	8	16
60+	Population	990	30,155	17,108	1,294	49,547
	Cases	41	1,262	168	82	1,553
	Rate	4,141.4	4,185.0	982.0	6,336.9	3,134.4
	Ratio (1 in X)	24	23	101	15	31
Total Males by Race/Ethnicity	Population	17,021	172,827	83,426	13,960	287,234
	Cases	294	5,417	661	391	6,763
	Rate	1,727.3	3,134.3	792.3	2,800.9	2,354.5
	Ratio (1 in X)	57	31	126	35	42

Table 16 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on December 31, 2017 and Reported through June 30, 2018

Age on December 31, 2017		Total Living Female HIV Cases				Total Females by Age Group
		Race/Ethnicity				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	4,648	30,643	8,423	2,824	46,538
	Cases	0	7	0	1	8
	Rate	0.0	22.8	0.0	35.4	17.2
	Ratio (1 in X)	--	4,377	--	2,823	5,817
13-19	Population	1,487	17,137	4,521	1,416	24,561
	Cases	0	18	1	0	19
	Rate	0.0	105.0	22.1	0.0	77.4
	Ratio (1 in X)	--	952	--	--	1,292
20-29	Population	2,700	31,613	17,052	3,643	55,008
	Cases	4	204	9	4	221
	Rate	148.1	645.3	52.8	109.8	401.8
	Ratio (1 in X)	675	154	1,894	910	248
30-39	Population	2,752	27,826	16,840	3,211	50,629
	Cases	23	403	32	28	486
	Rate	835.8	1,448.3	190.0	872.0	959.9
	Ratio (1 in X)	119	69	526	114	104
40-49	Population	1,797	23,210	9,052	1,598	35,657
	Cases	29	741	52	47	869
	Rate	1,613.8	3,192.6	574.5	2,941.2	2,437.1
	Ratio (1 in X)	61	31	174	34	41
50-59	Population	1,044	30,018	10,058	1,239	42,359
	Cases	27	1,208	48	77	1,360
	Rate	2,586.2	4,024.3	477.2	6,214.7	3,210.7
	Ratio (1 in X)	38	24	209	16	31
60+	Population	1,046	46,721	20,052	1,843	69,662
	Cases	13	661	29	38	741
	Rate	1,242.8	1,414.8	144.6	2,061.9	1,063.7
	Ratio (1 in X)	80	70	691	48	94
Total Females by Race/Ethnicity	Population	15,474	207,168	85,998	15,774	324,414
	Cases	96	3,242	171	195	3,704
	Rate	620.4	1,564.9	198.8	1,236.2	1,141.8
	Ratio (1 in X)	161	63	502	80	87

Section VIII – HIV Exposure Category

Figure 10 – Proportion of Adult/Adolescent Total Living HIV Cases, by Estimated Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on December 31, 2017, Reported through June 30, 2018



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

Table 17 – Adult/Adolescent HIV Diagnoses during 2017, Linked to Care, Late Diagnosis, and First CD4 Test Result, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2018

Estimated or Reported Exposure Category	Adult/Adolescent Reported HIV Diagnoses						
	No.	% of Total	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
			% 1 mo.	% 3 mo.	%	%	Median Count
Male-to-male Sexual Contact (MSM)	128	55.5%	86.8%	92.5%	19.2%	88.8%	440
Injection Drug Use (IDU)	23	10.0%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	4	1.5%	***	***	***	***	***
Heterosexual Contact (HET)	76	33.0%	85.5%	92.7%	24.0%	89.5%	392
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposures	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	231	100.0%	85.7%	91.8%	20.8%	88.3%	415
Male Estimated or Reported Exposure Category							
Male-to-male Sexual Contact (MSM)	128	72.8%	86.8%	92.5%	19.2%	88.8%	440
Injection Drug Use (IDU)	13	7.3%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	4	2.0%	***	***	***	***	***
Heterosexual Contact (HET)	31	17.8%	84.7%	92.7%	31.8%	85.4%	305
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposures	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	176	100.0%	86.4%	92.0%	21.0%	88.1%	416
Female Estimated or Reported Exposure Category							
Injection Drug Use (IDU)	10	18.4%	73.3%	82.2%	26.7%	74.3%	303
Heterosexual Contact (HET)	45	81.6%	86.0%	92.7%	18.5%	92.4%	423
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposures	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	55	100.0%	83.6%	90.9%	20.0%	89.1%	413

Note. Data for 2017 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 Transgender Persons Supplement.

*** Data withheld due to low population and/or case counts

Table 18 – Adult/Adolescent Living HIV Cases Alive on December 31, 2017, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2018

Estimated or Reported Exposure Category	Adult/Adolescent Total Living HIV Cases		
	No.	% of Total	% Living with AIDS
Male-to-male Sexual Contact (MSM)	3,364	32.2%	48.0%
Injection Drug Use (IDU)	3,092	29.6%	71.8%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	551	5.3%	69.7%
Heterosexual Contact (HET)	3,294	31.5%	54.9%
Perinatal Transmission	127	1.2%	69.3%
Other Exposures	8	0.1%	87.5%
No Estimated or Reported Exposure	17	0.2%	35.3%
Total	10,453	100.0%	58.6%
Male Estimated or Reported Exposure Category			
Male-to-male Sexual Contact (MSM)	3,364	49.8%	48.0%
Injection Drug Users (IDU)	1,750	25.9%	72.2%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	551	8.2%	69.7%
Heterosexual Contact (HET)	1,038	15.4%	58.3%
Perinatal Transmission	46	0.7%	71.7%
Other Exposures	2	0.0%	100.0%
No Estimated or Reported Exposure	6	0.1%	33.3%
Total	6,757	100.0%	57.8%
Female Estimated or Reported Exposure Category			
Injection Drug Use (IDU)	1,342	36.3%	71.4%
Heterosexual Contact (HET)	2,256	61.0%	53.3%
Perinatal Transmission	81	2.2%	67.9%
Other Exposures	6	0.2%	83.3%
No Estimated or Reported Exposure	11	0.3%	36.4%
Total	3,696	100.0%	60.2%

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 Transgender Persons Supplement.

Table 19 – Adult/Adolescent Total Living HIV Cases by Estimated or Reported Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on December 31, 2017 and Reported through June 30, 2018

Estimated or Reported Exposure Category	Adult/Adolescent Total Living HIV Cases					
	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)	173	44.4%	2,463	28.5%	500	60.0%
Injection Drug Use (IDU)	66	16.9%	2,687	31.1%	181	21.8%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	22	5.6%	436	5.0%	48	5.7%
Heterosexual Contact (HET)	127	32.5%	2,916	33.7%	103	12.4%
Perinatal Transmission	2	0.5%	121	1.4%	0	0.0%
Other Exposures	0	0.0%	7	0.1%	1	0.1%
No Estimated or Reported Exposure	0	0.0%	17	0.2%	0	0.0%
Total	390	100.0%	8,647	100.0%	832	100.0%
Male Estimated or Reported Exposure Category						
Male-to-male Sexual Contact (MSM)	173	58.9%	2,463	45.5%	500	75.6%
Injection Drug Use (IDU)	39	13.3%	1,559	28.8%	82	12.3%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	22	7.4%	436	8.1%	48	7.2%
Heterosexual Contact (HET)	60	20.3%	904	16.7%	31	4.8%
Perinatal Transmission	0	0.0%	44	0.8%	0	0.0%
Other Exposures	0	0.0%	1	0.0%	1	0.2%
No Estimated or Reported Exposure	0	0.0%	6	0.1%	0	0.0%
Total	294	100.0%	5,412	100.0%	661	100.0%
Female Estimated or Reported Exposure Category						
Injection Drug Use (IDU)	27	27.9%	1,129	34.9%	100	58.2%
Heterosexual Contact (HET)	67	70.0%	2,013	62.2%	71	41.8%
Perinatal Transmission	2	2.1%	77	2.4%	0	0.0%
Other Exposures	0	0.0%	6	0.2%	0	0.0%
No Estimated or Reported Exposure	0	0.0%	11	0.3%	0	0.0%
Total	96	100.0%	3,235	100.0%	171	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 Transgender Persons Supplement.

Table 20 – CD4 Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Estimated or Reported Exposure Category, Reported through June 30, 2018

Estimated or Reported Exposure Category	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male-to-male Sexual Contact (MSM)	3,364	2,267	67.4%	596	8.2%	12.1%	16.6%	63.1%
Injection Drug Use (IDU)	3,092	2,290	74.1%	515	14.4%	16.6%	17.3%	51.6%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	551	418	75.9%	519	13.4%	16.5%	17.4%	52.7%
Heterosexual Contact (HET)	3,294	2,295	69.7%	600	10.7%	12.1%	16.6%	60.6%
Perinatal Transmission	127	88	69.3%	469	27.3%	13.6%	13.6%	45.5%
Other Exposures	8	6	75.0%	603	16.7%	33.3%	0.0%	50.0%
No Estimated or Reported Exposure	17	8	47.1%	585	12.5%	0.0%	25.0%	62.5%
Total	10,453	7,372	70.5%	566	11.5%	13.8%	16.8%	58.0%

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 21 – Viral Load Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Estimated or Reported Exposure Category, Reported through June 30, 2018

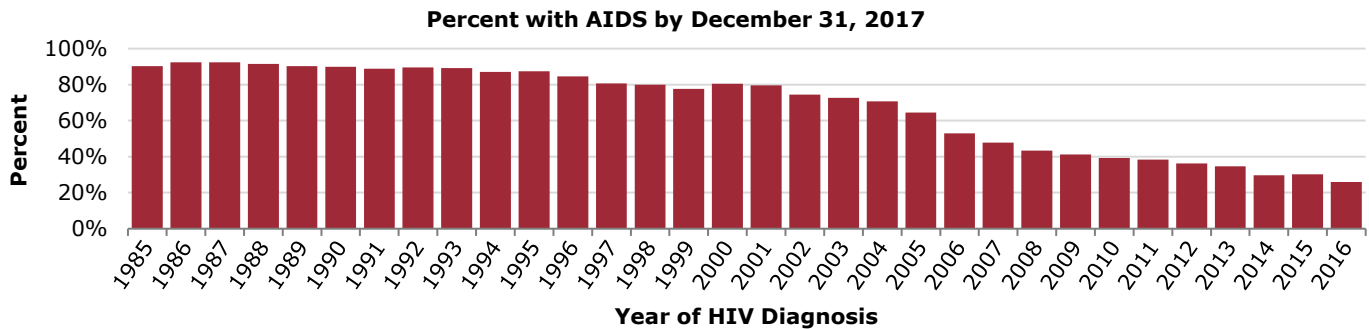
Estimated or Reported Exposure Category	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Results			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
Male-to-male Sexual Contact (MSM)	3,364	2,405	71.5%	82.0%	14,200
Injection Drug Use (IDU)	3,092	2,385	77.1%	81.6%	16,000
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	551	429	77.9%	83.9%	12,990
Heterosexual Contact (HET)	3,294	2,435	73.9%	82.1%	8,920
Perinatal Transmission	127	95	74.8%	55.8%	8,379
Other Exposures	8	6	75.0%	83.3%	43,863
No Estimated or Reported Exposure	17	10	58.8%	70.0%	8,350
Total	10,453	7,765	74.3%	81.7%	12,391

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 11 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2016, Reported through June 30, 2018

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by December 31, 2016 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by December 31, 2017 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by December 31, 2017, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2016, as Reported by Name through June 30, 2018

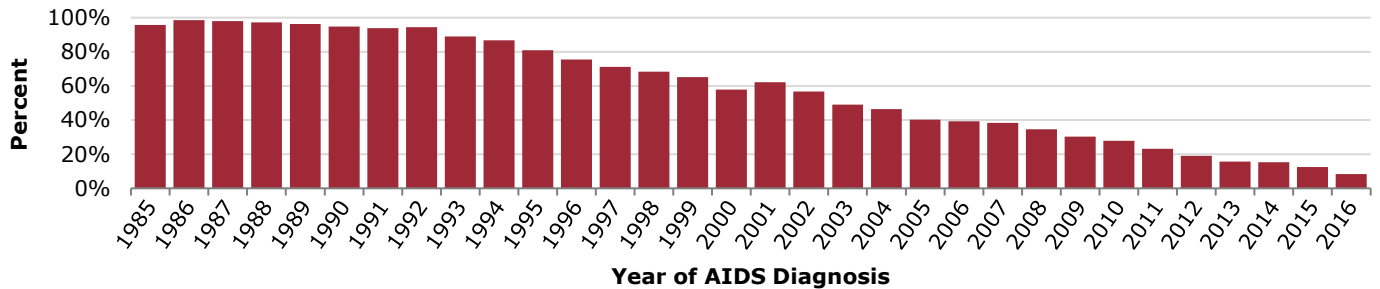


Year of HIV Diagnosis	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	165	160	97.0%	7.3	33.3%	33.3%	37.0%	68.5%
1985	320	289	90.3%	6.7	23.4%	25.6%	33.1%	74.4%
1986	447	413	92.4%	5.6	32.4%	33.8%	45.9%	78.1%
1987	568	524	92.3%	4.6	33.3%	36.6%	54.9%	83.5%
1988	897	820	91.4%	3.8	37.7%	41.4%	63.7%	85.5%
1989	1,152	1,040	90.3%	3.6	37.3%	43.1%	67.6%	83.2%
1990	1,210	1,088	89.9%	3.1	43.9%	50.3%	72.5%	84.1%
1991	1,353	1,202	88.8%	2.7	46.6%	56.1%	73.8%	84.1%
1992	1,325	1,186	89.5%	2.6	49.9%	58.0%	74.9%	83.2%
1993	1,242	1,108	89.2%	2.2	53.9%	62.4%	76.4%	84.8%
1994	1,124	978	87.0%	2.3	54.1%	61.5%	74.1%	82.0%
1995	1,059	926	87.4%	2.2	58.1%	63.4%	72.8%	82.6%
1996	957	810	84.6%	2.1	57.6%	62.7%	70.6%	80.1%
1997	1,006	811	80.6%	2.1	54.9%	60.3%	68.4%	75.8%
1998	984	787	80.0%	2.1	54.5%	58.3%	66.9%	74.9%
1999	899	698	77.6%	1.7	55.8%	60.6%	68.4%	74.7%
2000	846	681	80.5%	1.8	55.9%	60.4%	69.5%	77.0%
2001	918	730	79.5%	1.7	58.3%	61.7%	70.5%	76.0%
2002	1,051	782	74.4%	1.9	53.1%	56.4%	64.1%	70.9%
2003	912	662	72.6%	1.6	53.7%	57.2%	63.2%	70.2%
2004	905	640	70.7%	1.7	50.2%	54.1%	61.1%	68.5%
2005	947	611	64.5%	1.6	45.4%	48.8%	55.9%	63.0%
2006	980	519	53.0%	2.0	34.1%	36.3%	44.5%	51.8%
2007	851	406	47.7%	2.3	27.3%	30.7%	38.9%	46.4%
2008	788	342	43.4%	2.0	25.1%	29.3%	37.2%	--
2009	607	250	41.2%	1.8	25.2%	28.3%	36.1%	--
2010	599	235	39.2%	1.6	25.0%	28.0%	34.9%	--
2011	423	162	38.3%	1.2	25.5%	30.0%	35.7%	--
2012	435	158	36.3%	1.0	27.8%	29.7%	35.4%	--
2013	373	129	34.6%	0.8	26.8%	28.7%	--	--
2014	311	92	29.6%	0.5	25.1%	27.7%	--	--
2015	325	98	30.2%	0.5	24.9%	28.9%	--	--
2016	278	72	25.9%	0.4	23.0%	--	--	--
Total	26,257	19,409	73.9%	2.5	44.4%	49.2%	60.3%	69.8%

Figure 12 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2016, Reported through June 30, 2018

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by December 31, 2016 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by December 31, 2017 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by December 31, 2017, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses 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 2016, as Reported by Name through June 30, 2018

Percent Dead by December 31, 2017



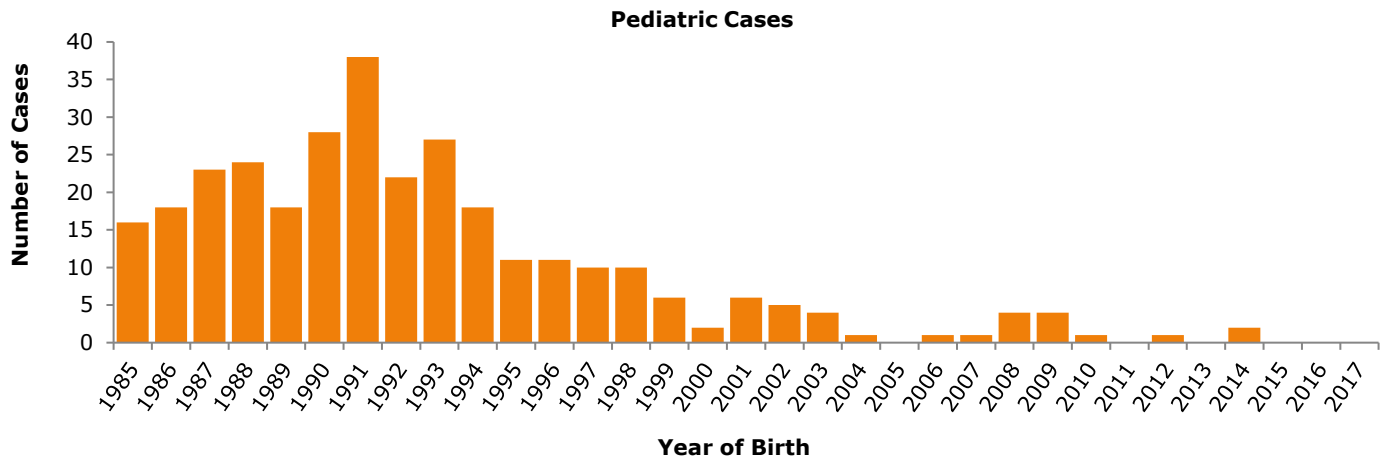
Year of AIDS Diagnosis	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths		Mean Years from AIDS to Death	Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead		1 Year	2 Years	5 Years	10 Years
<1985	57	53	93.0%	2.6	52.6%	33.3%	19.3%	15.8%
1985	70	67	95.7%	2.1	44.3%	28.6%	10.0%	8.6%
1986	130	128	98.5%	2.6	49.2%	30.8%	14.6%	10.0%
1987	200	196	98.0%	2.2	60.5%	34.5%	12.0%	5.0%
1988	339	330	97.3%	2.6	60.5%	40.1%	14.2%	7.4%
1989	443	426	96.2%	2.6	60.7%	38.6%	16.0%	8.4%
1990	632	599	94.8%	3.0	64.7%	45.7%	20.4%	11.9%
1991	783	735	93.9%	3.0	67.6%	46.5%	18.6%	12.5%
1992	1,088	1,027	94.4%	3.1	68.9%	48.7%	20.4%	13.8%
1993	1,249	1,112	89.0%	3.9	77.5%	56.1%	33.0%	20.6%
1994	1,144	992	86.7%	4.0	76.7%	57.4%	36.6%	22.4%
1995	1,123	909	80.9%	4.9	78.4%	65.6%	47.6%	32.7%
1996	1,058	798	75.4%	5.3	81.6%	74.1%	56.0%	39.0%
1997	935	666	71.2%	5.5	85.3%	76.6%	59.7%	42.6%
1998	839	573	68.3%	5.6	87.0%	79.7%	62.2%	44.9%
1999	808	527	65.2%	5.2	85.9%	78.5%	61.1%	46.5%
2000	716	414	57.8%	4.8	85.2%	79.3%	64.0%	50.6%
2001	804	500	62.2%	4.6	84.6%	76.1%	60.6%	47.1%
2002	798	453	56.8%	4.9	87.1%	80.3%	67.4%	53.3%
2003	731	359	49.1%	3.8	83.2%	77.4%	65.7%	56.1%
2004	731	340	46.5%	4.1	86.5%	80.8%	69.9%	58.3%
2005	683	275	40.3%	4.0	88.3%	83.3%	73.8%	63.8%
2006	595	234	39.3%	3.6	88.1%	82.7%	73.1%	62.5%
2007	441	169	38.3%	3.5	88.0%	84.4%	73.7%	61.9%
2008	416	144	34.6%	3.0	89.2%	83.7%	73.8%	--
2009	351	106	30.2%	2.8	90.9%	86.0%	76.1%	--
2010	383	107	27.9%	2.7	89.8%	86.9%	79.4%	--
2011	306	71	23.2%	2.5	93.1%	89.2%	80.1%	--
2012	327	62	19.0%	1.5	89.3%	87.8%	81.0%	--
2013	287	45	15.7%	1.8	94.1%	90.9%	--	--
2014	202	31	15.3%	0.7	89.1%	85.6%	--	--
2015	217	27	12.4%	0.6	90.3%	88.5%	--	--
2016*	181	15	8.3%	0.3	92.3%	--	--	--
Total	19,067	12,490	65.5%	4.0	80.7%	69.7%	53.0%	42.0%

*2016 AIDS deaths are preliminary

Section X – Pediatric Cases

Figure 13 – Trends in Pediatric HIV Cases, 1985-2017, Reported through June 30, 2018

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS 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 Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2017, as Reported by Name through June 30, 2018



Year	Pediatric Reported HIV Diagnoses			Pediatric Total Living HIV Cases	
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on December 31 st of Each Year
<1985	14	1	0	0	--
1985	16	5	4	1	8
1986	18	7	5	3	12
1987	23	12	7	5	21
1988	24	17	12	2	35
1989	18	22	14	3	55
1990	28	26	14	3	79
1991	38	28	20	8	101
1992	22	34	20	9	128
1993	27	37	22	10	154
1994	18	22	14	10	166
1995	11	14	12	9	172
1996	11	15	8	13	175
1997	10	7	4	4	176
1998	10	15	6	3	189
1999	6	12	4	4	198
2000	2	5	2	0	203
2001	6	8	7	3	207
2002	5	2	3	3	206
2003	4	2	1	2	206
2004	1	2	2	3	206
2005	0	0	1	0	207
2006	1	2	2	1	207
2007	1	15	4	3	219
2008	4	6	5	3	223
2009	4	3	1	0	226
2010	1	1	4	3	224
2011	0	1	3	2	223
2012	1	2	1	2	223
2013	0	0	9	0	221
2014	2	2	3	0	224
2015	0	0	1	2	221
2016	0	1	4	1	217
2017	0	0	0	1	215
Total	326	326	219	116	--

Table 22 – Current Pediatric HIV Total Living HIV Cases, Alive on December 31, 2017, by Jurisdiction of Current Residence, Reported through June 30, 2018

Jurisdiction of Current Residence	Current Pediatric Total Living HIV Cases	
	No.	% of Total
21202	1	7.7%
21206	1	7.7%
21213	2	15.4%
21217	1	7.7%
21218	3	23.1%
21223	1	7.7%
21224	1	7.7%
21225	1	7.7%
21229	1	7.7%
21231	1	7.7%
Total	13	100.0%

Table 23 – Current Pediatric HIV Total Living HIV Cases, Alive on December 31, 2017, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2018

Demographic Characteristic	Current Pediatric Total Living HIV Cases	
	No.	% of Total
Sex at Birth		
Male	5	38.5%
Female	8	61.5%
Race/Ethnicity		
Hispanic	0	0.0%
Non-Hispanic	13	100.0%
American Indian/ Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	12	92.3%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	0	0.0%
Multiracial/Other	1	7.7%
Total	13	100.0%

Glossary of Terms

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older as of December 31st of the specified year, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older as of December 31st of the specified year, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older as of December 31st of the specified year, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

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 living cases on the specified date.

AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis that have died due to any cause.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

CD4 With Test: Number and percent of adult/adolescent total living HIV cases 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: Percent of adult/adolescent reported HIV diagnoses 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 12 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.

Living HIV Cases with AIDS: Reported HIV diagnoses with an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Living HIV Cases without AIDS: Reported HIV diagnoses without an AIDS diagnosis and 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 cases 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 adult/adolescent total living HIV cases, of the most recent CD4 test result measured in the specified year.

Median Unsuppressed: Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with the most recent viral load test result measured in the specified year of 200 copies per milliliter or greater.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Percent Change: The percent change in number of adult/adolescent total living HIV cases 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 12 months prior to their initial AIDS diagnosis.

Percent Suppressed: Percent of adult/adolescent total living HIV cases with a recent viral load test result measured in the specified year of less than 200 copies per milliliter.

Percent Living with AIDS: The percent of reported HIV diagnoses with an AIDS diagnosis not reported to have died as of December 31st of the specified year

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.

Population: Population estimate for July 1, 2017.

Population Age 13+: Population age 13 years or older, estimate for July 1, 2017.

Rate: Number of HIV cases divided by the population and multiplied by 100,000.

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case 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 HIV Diagnoses: Reported HIV diagnoses 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 Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

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

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

Another Gender Identity: Additional gender identities or gender expressions.

Viral Load With Test: Number and percent of adult/adolescent total living HIV cases with a recent viral load test result.