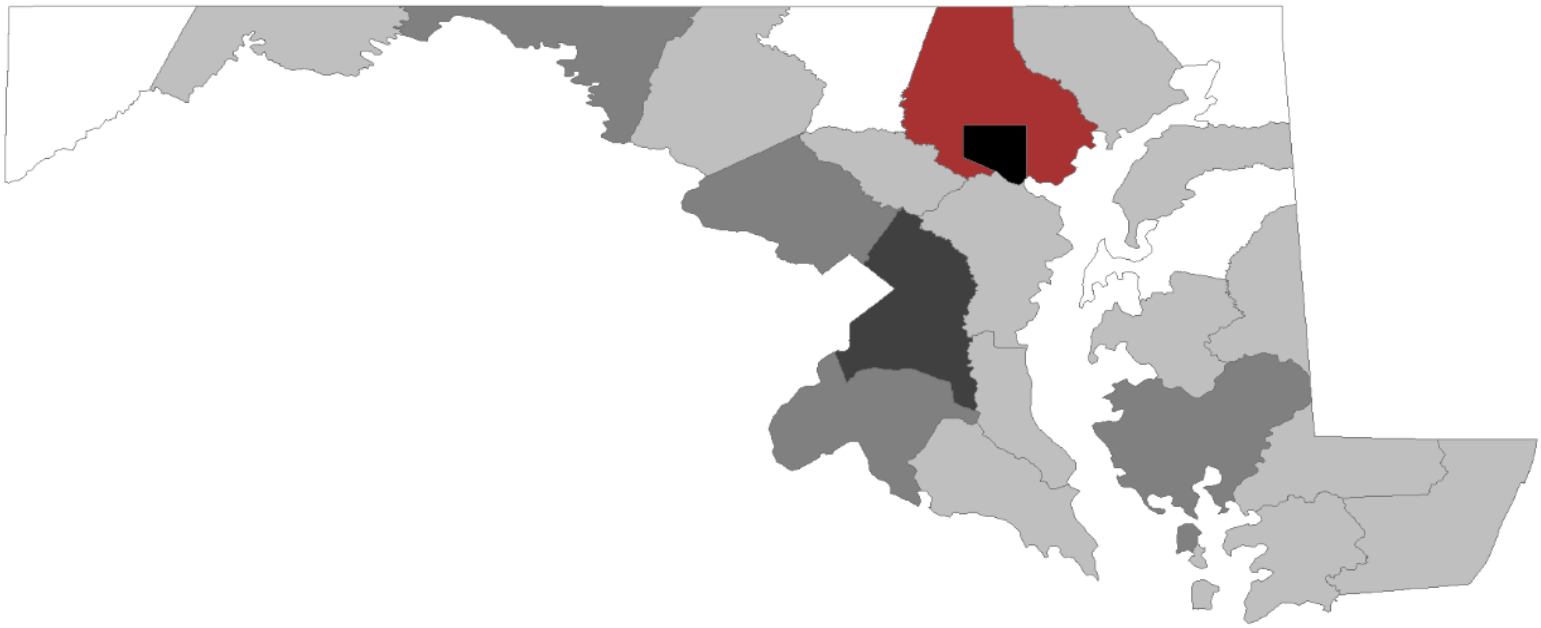
2014



Baltimore County HIV Annual Epidemiological Profile

Data reported through December 31, 2015

Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Epidemiology and Outbreak Response Bureau
Prevention and Health Promotion Administration
Maryland Department of Health and Mental Hygiene
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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 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 DHMH Form 1140. Reports are also accepted by phone.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department by mailing DHMH Form 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 DHMH Form 1140. Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the State Health Department to establish electronic reporting.
- Laboratory Chiefs 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 State Health Department, by mailing DHMH Form 4492. Laboratories are encouraged to contact the State Health Department to establish electronic reporting.

Reporting forms and instructions are available on our website:
http://phpa.dhmh.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 Health Department, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene 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. Nationally, it has been estimated that 12.8% of people living with HIV infection are undiagnosed. In Maryland, it has been estimated that 18.7% of people living with HIV infection are undiagnosed. In addition, despite a massive effort during which over 17,000 HIV cases were reported after the Maryland HIV reporting law changed on April 24, 2007, not all diagnosed HIV cases previously reported by Maryland's code-based identifier were located and re-reported by name. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an under-reporting of HIV diagnoses before 2001 and an over-reporting of HIV diagnoses from 2001 to 2008. It is important to note that surveillance is an ongoing systematic collection, analysis, interpretation, and dissemination of laboratory data. Furthermore, laboratory data are only available for cases receiving medical care, usually only at facilities in Maryland, and only includes test results that have been reported to the health department. Linkage to care data is based solely on laboratory data reported to the health department. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in the number of reported HIV diagnoses.

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 new and old 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, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one-year lag allows for delays in reporting and time to complete investigations. For example, the Reported HIV Diagnoses for 2014 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 01/01/2014-12/31/2014, as reported by name through 12/31/2015.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 12/31/2015 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2015 as reported by name through 12/31/2015.

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. 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. 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 "in care."

Sources of Data

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health and Mental Hygiene's Enhanced HIV/AIDS Reporting System (eHARS), December 31, 2015.

Population data by sex, age, and race/ethnicity are from the July 1, 2014 U.S. Census Estimates and by country-of-birth from the 2013 American Community Survey (note the difference in total population due to different source). Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

Tabulation of Column Totals

Figures in 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.
- All exposure/risk information if it is describing less than 5 cases, except in the case of "other" exposure.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

HIV Exposure Categories

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

MSM (Men who have Sex with Men): 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.

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

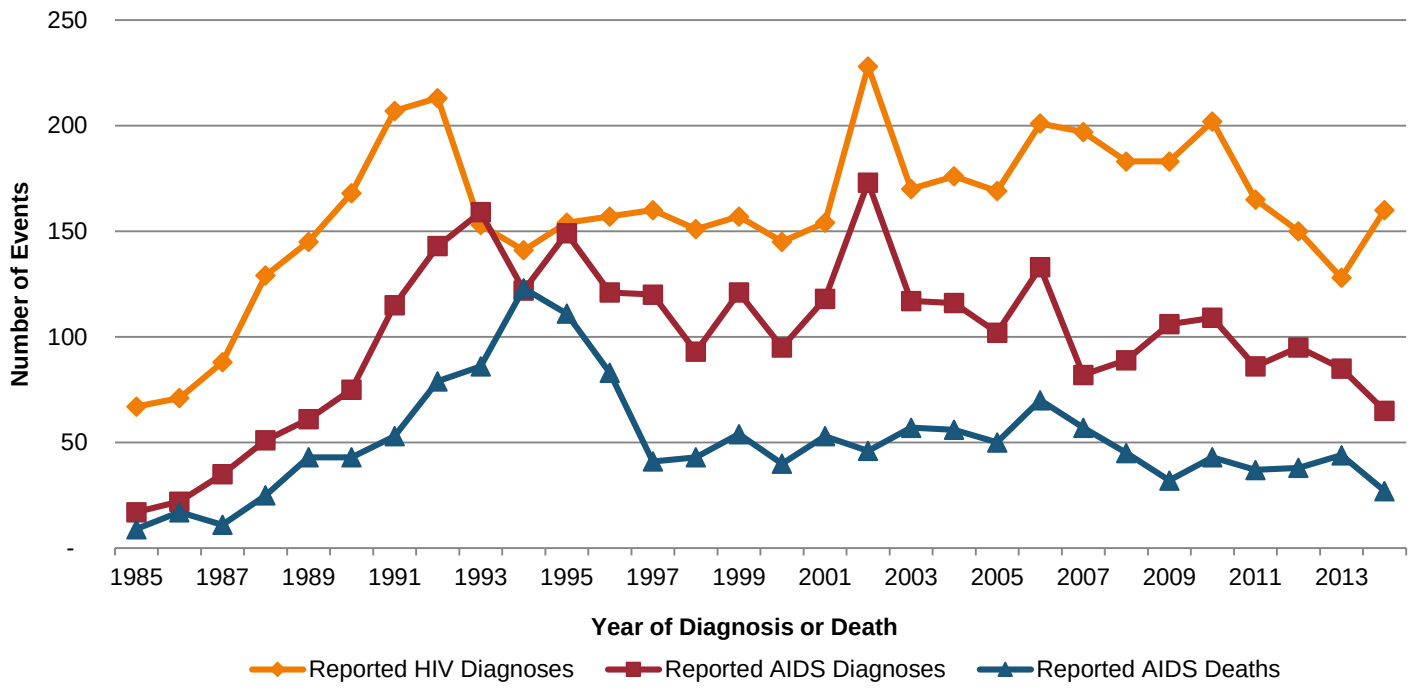
Heterosexual Exposure (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

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

Section II – Trends 1985-2014

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2014, Reported through 12/31/2015

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 2014 as Reported through 12/31/2015

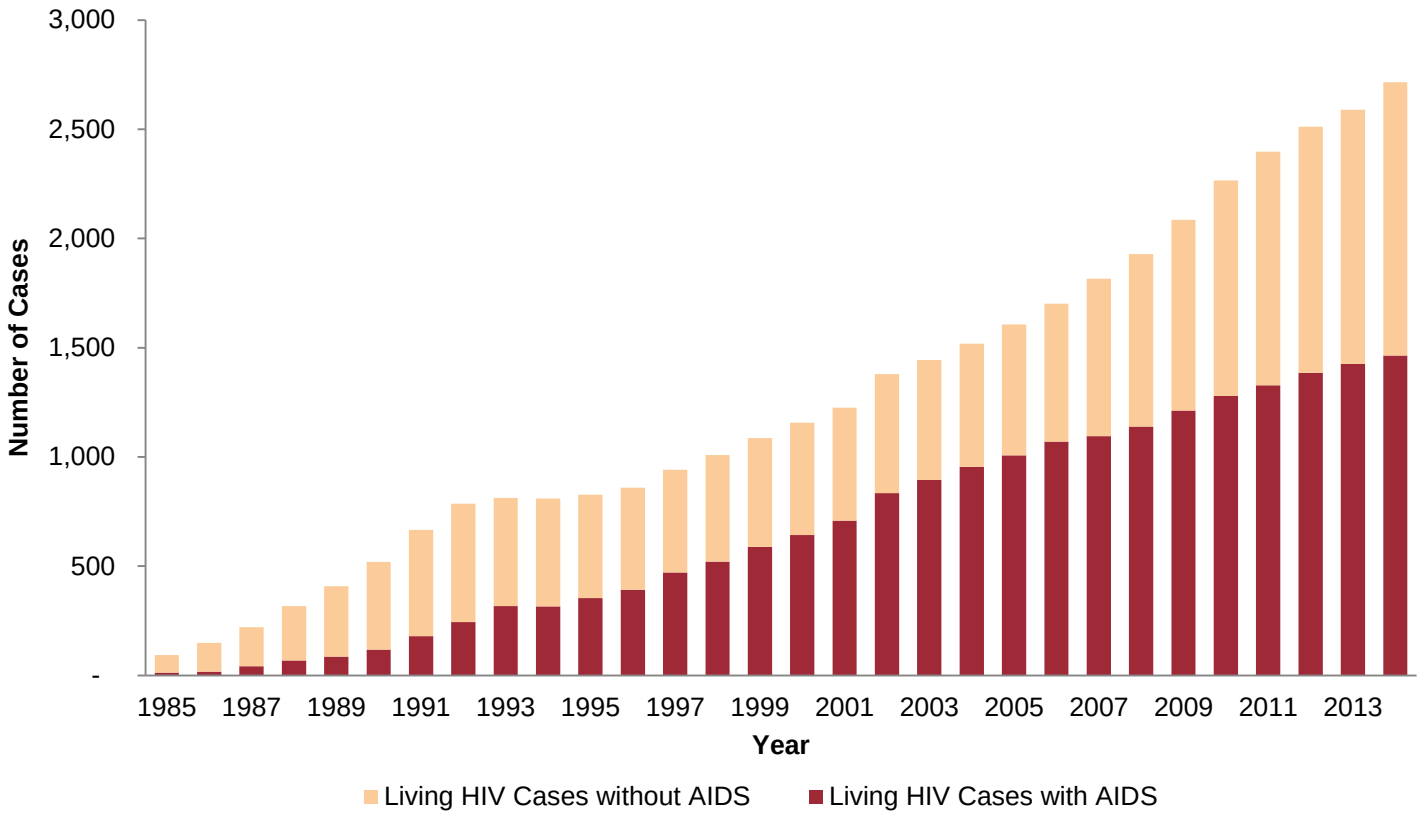


During the 2007-2008 transition to name-based reporting, many HIV cases were reported by a recent HIV diagnosis and not by their earliest HIV diagnosis, resulting in an artificial upward trend in HIV diagnoses during the period 2001-2008.

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	43	8	4	**2000**	145	95	40
1985	67	17	9	**2001**	154	118	53
1986	71	22	17	**2002**	228	173	46
1987	88	35	11	**2003**	170	117	57
1988	129	51	25	**2004**	176	116	56
1989	145	61	43	**2005**	169	102	50
1990	168	75	43	**2006**	201	133	70
1991	207	115	53	**2007**	197	82	57
1992	213	143	79	**2008**	183	89	45
1993	153	159	86	**2009**	183	106	32
1994	141	122	123	**2010**	202	109	43
1995	154	149	111	**2011**	165	86	37
1996	157	121	83	**2012**	150	95	38
1997	160	120	41	**2013**	128	85	44
1998	151	93	43	**2014**	160	65	27
1999	157	121	54	**Total**	4,815	2,983	1,520

Figure 2 – Trends in Living HIV Cases, 1985-2014, Reported through 12/31/2015

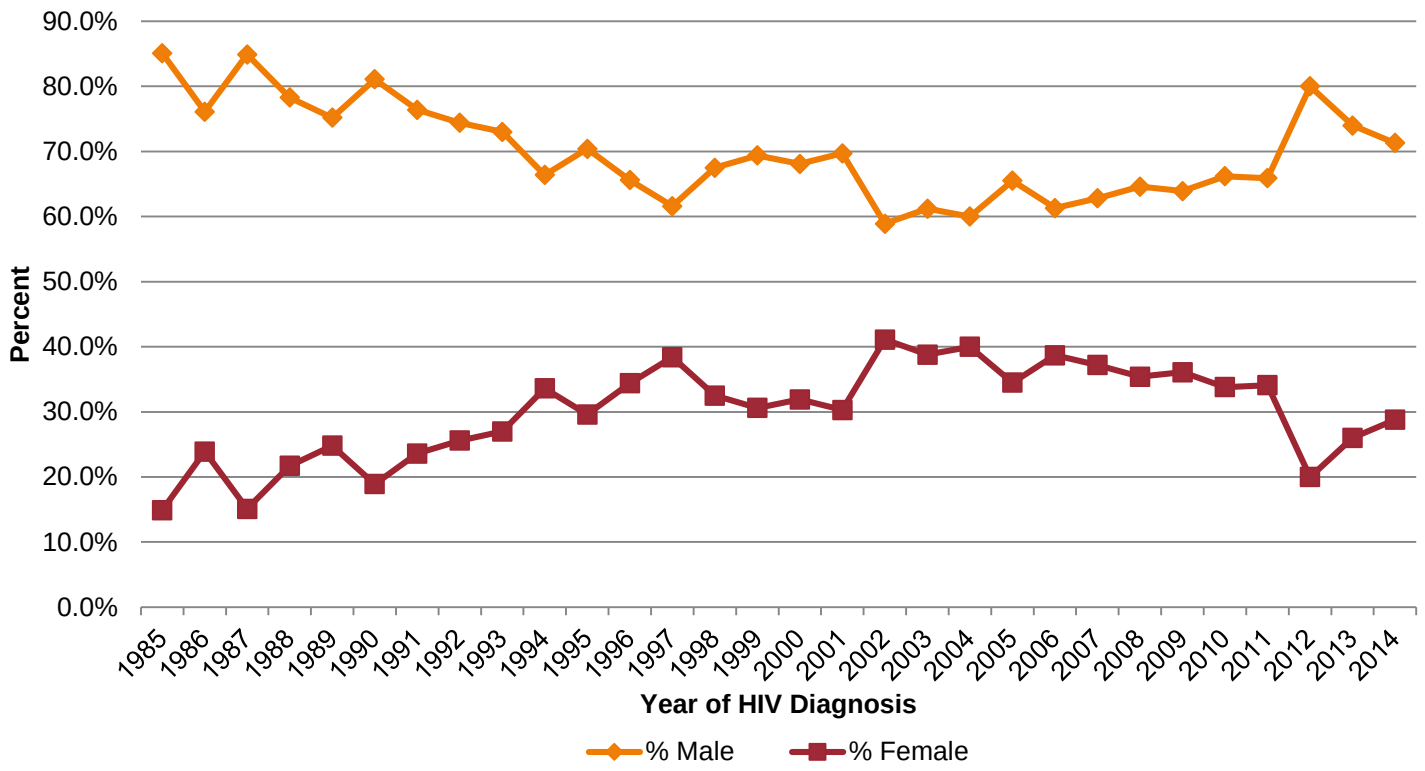
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2014, as Reported through 12/31/2015



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	81	12	93	**2000**	513	643	1,156
1986	132	17	149	**2001**	517	708	1,225
1987	179	42	221	**2002**	544	835	1,379
1988	249	68	317	**2003**	549	895	1,444
1989	322	86	408	**2004**	564	955	1,519
1990	401	118	519	**2005**	599	1,007	1,606
1991	486	180	666	**2006**	632	1,070	1,702
1992	542	244	786	**2007**	721	1,095	1,816
1993	496	317	813	**2008**	789	1,139	1,928
1994	494	316	810	**2009**	872	1,213	2,085
1995	473	354	827	**2010**	986	1,279	2,265
1996	467	392	859	**2011**	1,070	1,328	2,398
1997	470	471	941	**2012**	1,127	1,385	2,512
1998	487	521	1,008	**2013**	1,164	1,426	2,590
1999	498	588	1,086	**2014**	1,252	1,464	2,716

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2014, Reported through 12/31/2015

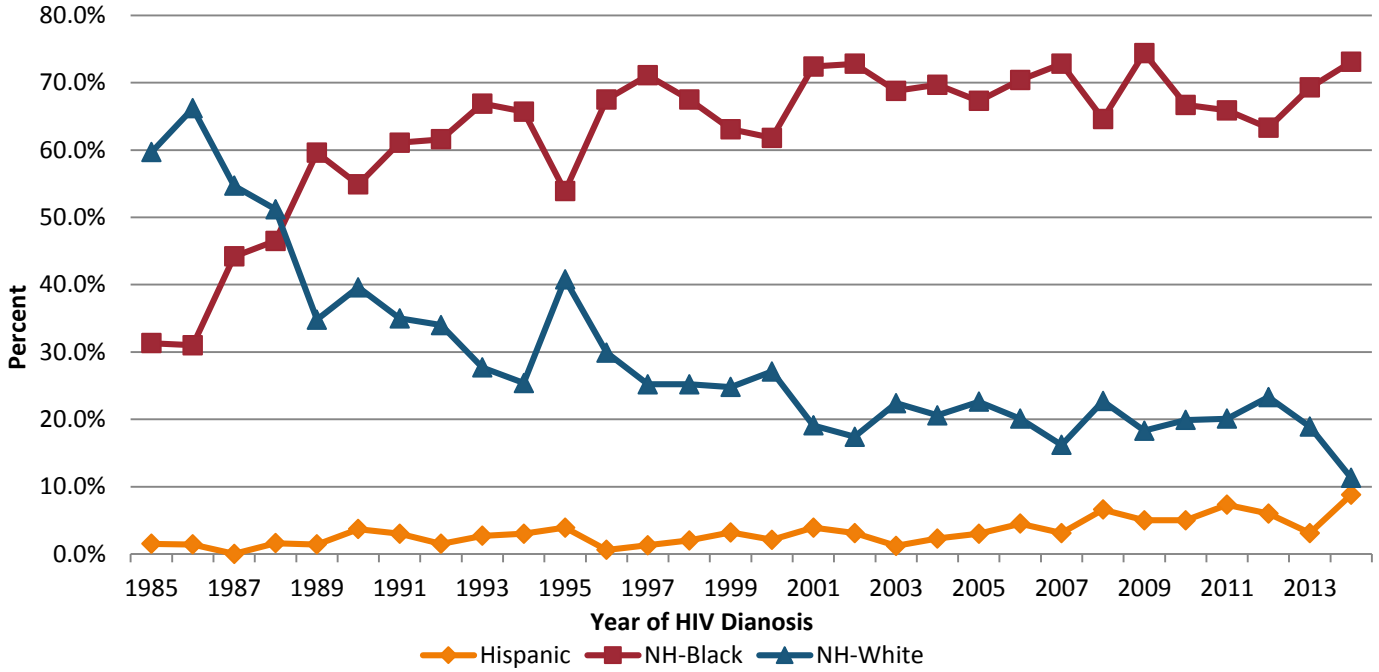
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2014, as Reported through 12/31/2015



Year of HIV Diagnosis	Adult/Adolescent Reported HIV Diagnoses			Year of HIV Diagnosis	Adult/Adolescent Reported HIV Diagnoses		
	No.	% Male	% Female		No.	% Male	% Female
<1985	42	85.7%	14.3%	**2000**	144	68.1%	31.9%
1985	67	85.1%	14.9%	**2001**	152	69.7%	30.3%
1986	71	76.1%	23.9%	**2002**	224	58.9%	41.1%
1987	86	84.9%	15.1%	**2003**	170	61.2%	38.8%
1988	129	78.3%	21.7%	**2004**	175	60.0%	40.0%
1989	141	75.2%	24.8%	**2005**	168	65.5%	34.5%
1990	164	81.1%	18.9%	**2006**	199	61.3%	38.7%
1991	203	76.4%	23.6%	**2007**	191	62.8%	37.2%
1992	203	74.4%	25.6%	**2008**	181	64.6%	35.4%
1993	148	73.0%	27.0%	**2009**	180	63.9%	36.1%
1994	134	66.4%	33.6%	**2010**	201	66.2%	33.8%
1995	152	70.4%	29.6%	**2011**	164	65.9%	34.1%
1996	154	65.6%	34.4%	**2012**	150	80.0%	20.0%
1997	159	61.6%	38.4%	**2013**	127	74.0%	26.0%
1998	151	67.5%	32.5%	**2014**	160	71.3%	28.8%
1999	157	69.4%	30.6%	**Total**	4,747	69.1%	30.9%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2014, Reported through 12/31/2015

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 2014, as Reported through 12/31/2015

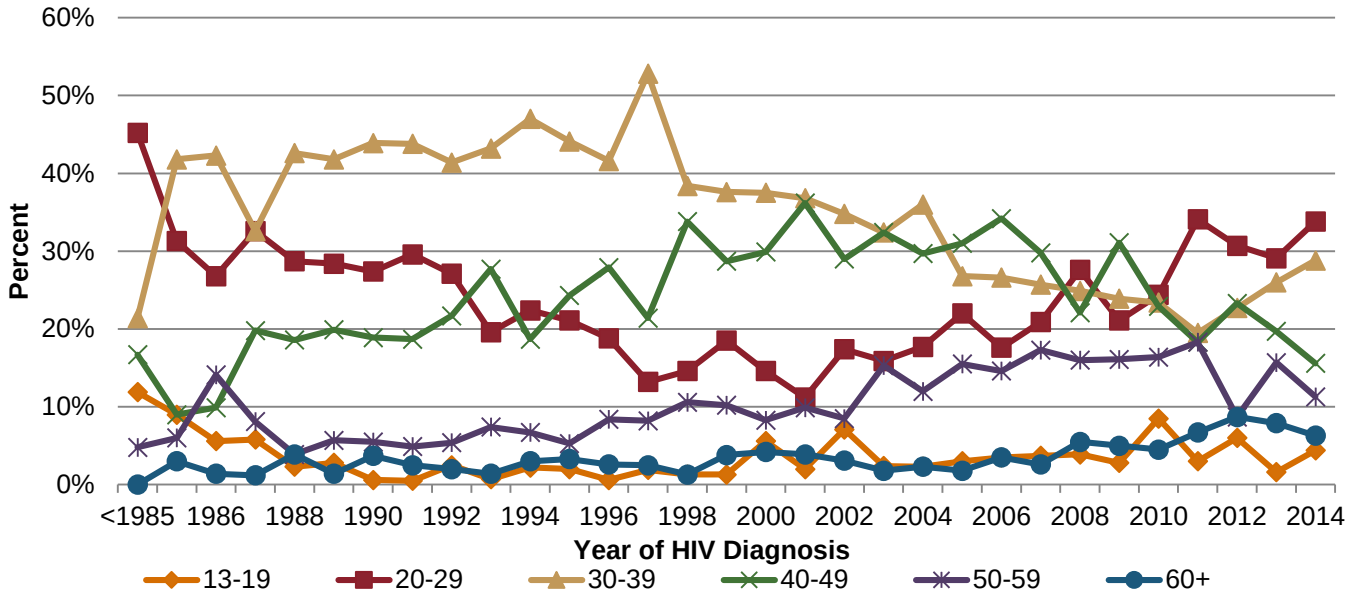


Non-Hispanic Other race not shown

Year of HIV Diagnosis	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	42	4.8%	47.6%	40.5%	7.1%
1985	67	1.5%	31.3%	59.7%	7.5%
1986	71	1.4%	31.0%	66.2%	1.4%
1987	86	0.0%	44.2%	54.7%	1.2%
1988	129	1.6%	46.5%	51.2%	0.8%
1989	141	1.4%	59.6%	34.8%	4.3%
1990	164	3.7%	54.9%	39.6%	1.8%
1991	203	3.0%	61.1%	35.0%	1.0%
1992	203	1.5%	61.6%	34.0%	3.0%
1993	148	2.7%	66.9%	27.7%	2.7%
1994	134	3.0%	65.7%	25.4%	6.0%
1995	152	3.9%	53.9%	40.8%	1.3%
1996	154	0.6%	67.5%	29.9%	1.9%
1997	159	1.3%	71.1%	25.2%	2.5%
1998	151	2.0%	67.5%	25.2%	5.3%
1999	157	3.2%	63.1%	24.8%	8.9%
2000	144	2.1%	61.8%	27.1%	9.0%
2001	152	3.9%	72.4%	19.1%	4.6%
2002	224	3.1%	72.8%	17.4%	6.7%
2003	170	1.2%	68.8%	22.4%	7.6%
2004	175	2.3%	69.7%	20.6%	7.4%
2005	168	3.0%	67.3%	22.6%	7.1%
2006	199	4.5%	70.4%	20.1%	5.0%
2007	191	3.1%	72.8%	16.2%	7.9%
2008	181	6.6%	64.6%	22.7%	6.1%
2009	180	5.0%	74.4%	18.3%	2.2%
2010	201	5.0%	66.7%	19.9%	8.5%
2011	164	7.3%	65.9%	20.1%	6.7%
2012	150	6.0%	63.3%	23.3%	7.3%
2013	127	3.1%	69.3%	18.9%	8.7%
2014	160	8.8%	73.1%	11.3%	6.9%
Total	4,747	3.4%	64.4%	27.1%	5.2%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2014, Reported through 12/31/2015

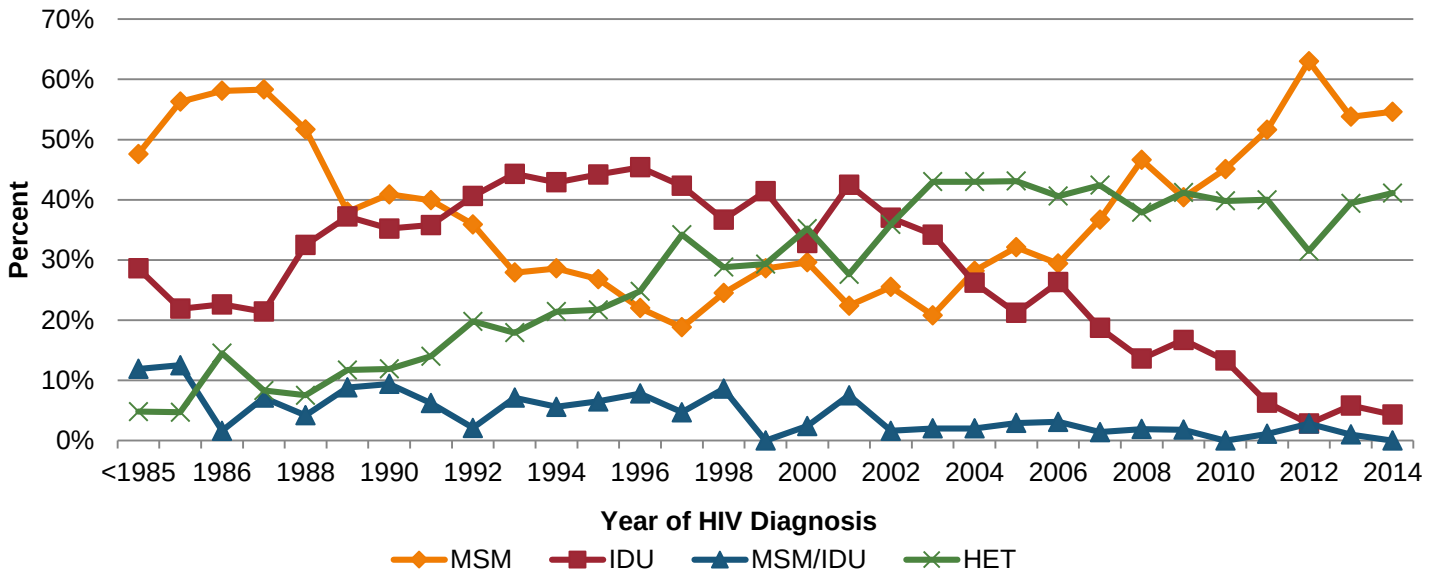
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2014, as Reported through 12/31/2015



Year of HIV Diagnosis	Reported Adult/Adolescent HIV Diagnoses						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	42	11.9%	45.2%	21.4%	16.7%	4.8%	0.0%
1985	67	9.0%	31.3%	41.8%	9.0%	6.0%	3.0%
1986	71	5.6%	26.8%	42.3%	9.9%	14.1%	1.4%
1987	86	5.8%	32.6%	32.6%	19.8%	8.1%	1.2%
1988	129	2.3%	28.7%	42.6%	18.6%	3.9%	3.9%
1989	141	2.8%	28.4%	41.8%	19.9%	5.7%	1.4%
1990	164	0.6%	27.4%	43.9%	18.9%	5.5%	3.7%
1991	203	0.5%	29.6%	43.8%	18.7%	4.9%	2.5%
1992	203	2.5%	27.1%	41.4%	21.7%	5.4%	2.0%
1993	148	0.7%	19.6%	43.2%	27.7%	7.4%	1.4%
1994	134	2.2%	22.4%	47.0%	18.7%	6.7%	3.0%
1995	152	2.0%	21.1%	44.1%	24.3%	5.3%	3.3%
1996	154	0.6%	18.8%	41.6%	27.9%	8.4%	2.6%
1997	159	1.9%	13.2%	52.8%	21.4%	8.2%	2.5%
1998	151	1.3%	14.6%	38.4%	33.8%	10.6%	1.3%
1999	157	1.3%	18.5%	37.6%	28.7%	10.2%	3.8%
2000	144	5.6%	14.6%	37.5%	29.9%	8.3%	4.2%
2001	152	2.0%	11.2%	36.8%	36.2%	9.9%	3.9%
2002	224	7.1%	17.4%	34.8%	29.0%	8.5%	3.1%
2003	170	2.4%	15.9%	32.4%	32.4%	15.3%	1.8%
2004	175	2.3%	17.7%	36.0%	29.7%	12.0%	2.3%
2005	168	3.0%	22.0%	26.8%	31.0%	15.5%	1.8%
2006	199	3.5%	17.6%	26.6%	34.2%	14.6%	3.5%
2007	191	3.7%	20.9%	25.7%	29.8%	17.3%	2.6%
2008	181	3.9%	27.6%	24.9%	22.1%	16.0%	5.5%
2009	180	2.8%	21.1%	23.9%	31.1%	16.1%	5.0%
2010	201	8.5%	24.4%	23.4%	22.9%	16.4%	4.5%
2011	164	3.0%	34.1%	19.5%	18.3%	18.3%	6.7%
2012	150	6.0%	30.7%	22.7%	23.3%	8.7%	8.7%
2013	127	1.6%	29.1%	26.0%	19.7%	15.7%	7.9%
2014	160	4.4%	33.8%	28.8%	15.6%	11.3%	6.3%
Total	4,747	3.3%	23.0%	34.7%	24.9%	10.6%	3.5%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2014, Reported through 12/31/2015

Percent by Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2014, as Reported through 12/31/2015



Other Exposure Category not shown

Year	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					
		No.	% MSM	% IDU	% MSM/IDU	% HET	% Other Exposure
<1985	42	42	47.6%	28.6%	11.9%	4.8%	7.1%
1985	67	64	56.3%	21.9%	12.5%	4.7%	4.7%
1986	71	62	58.1%	22.6%	1.6%	14.5%	3.2%
1987	86	84	58.3%	21.4%	7.1%	8.3%	4.8%
1988	129	120	51.7%	32.5%	4.2%	7.5%	4.2%
1989	141	137	38.0%	37.2%	8.8%	11.7%	4.4%
1990	164	159	40.9%	35.2%	9.4%	11.9%	2.5%
1991	203	193	39.9%	35.8%	6.2%	14.0%	4.1%
1992	203	192	35.9%	40.6%	2.1%	19.8%	1.6%
1993	148	140	27.9%	44.3%	7.1%	17.9%	2.9%
1994	134	126	28.6%	42.9%	5.6%	21.4%	1.6%
1995	152	138	26.8%	44.2%	6.5%	21.7%	0.7%
1996	154	141	22.0%	45.4%	7.8%	24.8%	0.0%
1997	159	149	18.8%	42.3%	4.7%	34.2%	0.0%
1998	151	139	24.5%	36.7%	8.6%	28.8%	1.4%
1999	157	140	28.6%	41.4%	0.0%	29.3%	0.7%
2000	144	125	29.6%	32.8%	2.4%	35.2%	0.0%
2001	152	134	22.4%	42.5%	7.5%	27.6%	0.0%
2002	224	184	25.5%	37.0%	1.6%	35.9%	0.0%
2003	170	149	20.8%	34.2%	2.0%	43.0%	0.0%
2004	175	149	28.2%	26.2%	2.0%	43.0%	0.7%
2005	168	137	32.1%	21.2%	2.9%	43.1%	0.7%
2006	199	160	29.4%	26.3%	3.1%	40.6%	0.6%
2007	191	139	36.7%	18.7%	1.4%	42.4%	0.7%
2008	181	103	46.6%	13.6%	1.9%	37.9%	0.0%
2009	180	114	40.4%	16.7%	1.8%	41.2%	0.0%
2010	201	113	45.1%	13.3%	0.0%	39.8%	1.8%
2011	164	95	51.6%	6.3%	1.1%	40.0%	1.1%
2012	150	108	63.0%	2.8%	2.8%	31.5%	0.0%
2013	127	104	53.8%	5.8%	1.0%	39.4%	0.0%
2014	160	141	54.6%	4.3%	0.0%	41.1%	0.0%
Total	4,747	3,981	36.0%	29.8%	4.2%	28.6%	1.4%

Section III – Adult/Adolescent Cases by Jurisdiction

Table 1 – Adult/Adolescent HIV Diagnoses during 2014, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Jurisdiction, Reported through 12/31/2015

ZIP Code of Residence at HIV Diagnosis	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late HIV Diagnosis	% Late HIV Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
21013	2,812	0	0.0%	0.0	--	--	--	--	--	--	--
21030	21,299	4	2.5%	18.8	***	***	***	***	***	***	***
21031	3	***	***	***	***	***	***	***	***	***	***
21043	790	***	***	***	***	***	***	***	***	***	***
21051	249	***	***	***	***	***	***	***	***	***	***
21052	278	***	***	***	***	***	***	***	***	***	***
21053	2,839	0	0.0%	0.0	--	--	--	--	--	--	--
21057	3,698	0	0.0%	0.0	--	--	--	--	--	--	--
21071	447	***	***	***	***	***	***	***	***	***	***
21074	1,220	0	0.0%	0.0	--	--	--	--	--	--	--
21082	548	***	***	***	***	***	***	***	***	***	***
21085	23	***	***	***	***	***	***	***	***	***	***
21087	4,185	1	0.6%	23.9	***	***	***	***	***	***	***
21093	32,237	0	0.0%	0.0	--	--	--	--	--	--	--
21102	863	***	***	***	***	***	***	***	***	***	***
21104	140	***	***	***	***	***	***	***	***	***	***
21105	60	***	***	***	***	***	***	***	***	***	***
21111	3,370	1	0.6%	29.7	***	***	***	***	***	***	***
21117	46,022	17	10.6%	36.9	14	82.4%	***	***	14	82.4%	429
21120	6,009	0	0.0%	0.0	--	--	--	--	--	--	--
21128	10,793	1	0.6%	9.3	***	***	***	***	***	***	***
21131	6,182	0	0.0%	0.0	--	--	--	--	--	--	--
21133	25,584	14	8.8%	54.7	12	85.7%	***	***	13	92.9%	348
21136	27,829	7	4.4%	25.2	6	85.7%	***	***	***	***	***
21152	4,755	0	0.0%	0.0	--	--	--	--	--	--	--
21153	269	***	***	***	***	***	***	***	***	***	***
21155	1,835	0	0.0%	0.0	--	--	--	--	--	--	--
21156	327	***	***	***	***	***	***	***	***	***	***
21161	2,368	0	0.0%	0.0	--	--	--	--	--	--	--
21162	3,133	0	0.0%	0.0	--	--	--	--	--	--	--
21163	2,354	1	0.6%	42.5	***	***	***	***	***	***	***
21204	18,744	2	1.3%	10.7	***	***	***	***	***	***	***
21206	8,921	2	1.3%	22.4	***	***	***	***	***	***	***
21207	29,191	14	8.8%	48.0	11	78.6%	***	***	11	78.6%	337
21208	28,482	6	3.8%	21.1	5	83.3%	***	***	5	83.3%	507
21209	11,935	3	1.9%	25.1	***	***	***	***	***	***	***
21210	865	***	***	***	***	***	***	***	***	***	***
21212	8,868	0	0.0%	0.0	--	--	--	--	--	--	--
21215	1,503	1	0.6%	66.5	***	***	***	***	***	***	***
21219	8,285	0	0.0%	0.0	--	--	--	--	--	--	--
21220	33,410	7	4.4%	21.0	5	71.4%	***	***	***	***	***
21221	36,019	11	6.9%	30.5	9	81.8%	***	***	9	81.8%	401

21222	46,366	6	3.8%	12.9	5	83.3%	***	***	5	83.3%	328
21224	7,400	2	1.3%	27.0	***	***	***	***	***	***	***
21227	27,735	7	4.4%	25.2	***	***	***	***	***	***	***
21228	41,651	7	4.4%	16.8	6	85.7%	***	***	6	85.7%	185
21229	6,047	3	1.9%	49.6	***	***	***	***	***	***	***
21234	54,109	16	10.0%	29.6	14	87.5%	***	***	14	87.5%	413
21236	33,242	5	3.1%	15.0	***	***	***	***	5	100.0%	222
21237	25,815	4	2.5%	15.5	***	***	***	***	***	***	***
21239	4,411	2	1.3%	45.3	***	***	***	***	***	***	***
21244	28,862	13	8.1%	45.0	12	92.3%	***	***	12	92.3%	298
21250	3,289	0	0.0%	0.0	--	--	--	--	--	--	--
21252	2,947	0	0.0%	0.0	--	--	--	--	--	--	--
21286	17,413	2	1.3%	11.5	***	***	***	***	***	***	***
Unknown	--	1	0.6%	--	1	100.0%	0	0.0%	1	100.0%	653
TOTAL	698,028	160	100.0%	22.9	133	83.1%	40	25.0%	131	81.9%	395

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

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.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2014.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Number and percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 2 – Adult/Adolescent AIDS Diagnoses during 2014, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction, Reported through 12/31/2015

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
21013	2,812	0	0.0%	0.0	--	--
21030	21,299	1	1.5%	4.7	***	***
21031	3	***	***	***	***	***
21043	790	***	***	***	***	***
21051	249	***	***	***	***	***
21052	278	***	***	***	***	***
21053	2,839	0	0.0%	0.0	--	--
21057	3,698	0	0.0%	0.0	--	--
21071	447	***	***	***	***	***
21074	1,220	0	0.0%	0.0	--	0.0%
21082	548	***	***	***	***	***
21085	23	***	***	***	***	***
21087	4,185	0	0.0%	0.0	--	0.0%
21093	32,237	1	1.5%	3.1	***	***
21102	863	***	***	***	***	***
21104	140	***	***	***	***	***
21105	60	***	***	***	***	***
21111	3,370	1	1.5%	29.7	***	***
21117	46,022	4	6.2%	8.7	***	***
21120	6,009	0	0.0%	0.0	--	--
21128	10,793	0	0.0%	0.0	--	--
21131	6,182	0	0.0%	0.0	--	--
21133	25,584	7	10.8%	27.4	6.5	42.9%
21136	27,829	4	6.2%	14.4	***	***
21152	4,755	0	0.0%	0.0	--	0.0%
21153	269	***	***	***	***	***
21155	1,835	0	0.0%	0.0	--	--
21156	327	***	***	***	***	***
21161	2,368	0	0.0%	0.0	--	--
21162	3,133	0	0.0%	0.0	--	--
21163	2,354	0	0.0%	0.0	--	--
21204	18,744	1	1.5%	5.3	***	***
21206	8,921	1	1.5%	11.2	***	***
21207	29,191	5	7.7%	17.1	6.5	40.0%
21208	28,482	3	4.6%	10.5	***	***
21209	11,935	2	3.1%	16.8	***	***
21210	865	***	***	***	***	***
21212	8,868	0	0.0%	0.0	--	--
21215	1,503	0	0.0%	0.0	--	--
21219	8,285	0	0.0%	0.0	--	--
21220	33,410	3	4.6%	9.0	***	***
21221	36,019	6	9.2%	16.7	2.3	66.7%
21222	46,366	4	6.2%	8.6	***	***
21224	7,400	1	1.5%	13.5	***	***
21227	27,735	0	0.0%	0.0	--	--
21228	41,651	4	6.2%	9.6	***	***

21229	6,047	1	1.5%	16.5	***	***
21234	54,109	4	6.2%	7.4	***	***
21236	33,242	1	1.5%	3.0	***	***
21237	25,815	1	1.5%	3.9	***	***
21239	4,411	1	1.5%	22.7	***	***
21244	28,862	8	12.3%	27.7	4.8	50.0%
21250	3,289	0	0.0%	0.0	--	--
21252	2,947	0	0.0%	0.0	--	--
21286	17,413	1	1.5%	5.7	***	***
TOTAL	698,028	65	100.0%	9.3	3.9	53.8%

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

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.
Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.
Population Age 13+: Population age 13 years or older, estimate for 7/1/2014.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.
Percent Late HIV Diagnosis (for AIDS diagnoses): 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.

Table 3 – Adult/Adolescent HIV Cases Alive on 12/31/2014, by Jurisdiction, Reported through 12/31/2015

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)
21013	2,812	1	0.1%	35.6	1	0.1%	35.6	2	0.1%	71.1	1,405
21030	21,299	20	1.6%	93.9	37	2.6%	173.7	57	2.1%	267.6	373
21031	3	***	***	***	***	***	***	***	***	***	***
21043	790	***	***	***	***	***	***	***	***	***	***
21051	249	***	***	***	***	***	***	***	***	***	***
21052	278	***	***	***	***	***	***	***	***	***	***
21053	2,839	1	0.1%	35.2	3	0.2%	105.7	4	0.1%	140.9	709
21057	3,698	1	0.1%	27.0	0	0.0%	0.0	1	0.0%	27.0	3,698
21071	447	***	***	***	***	***	***	***	***	***	***
21074	1,220	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
21082	548	***	***	***	***	***	***	***	***	***	***
21085	23	***	***	***	***	***	***	***	***	***	***
21087	4,185	2	0.2%	47.8	1	0.1%	23.9	3	0.1%	71.7	1,395
21093	32,237	16	1.3%	49.6	22	1.5%	68.2	38	1.4%	117.9	848
21102	863	***	***	***	***	***	***	***	***	***	***
21104	140	***	***	***	***	***	***	***	***	***	***
21105	60	***	***	***	***	***	***	***	***	***	***
21111	3,370	2	0.2%	59.4	2	0.1%	59.4	4	0.1%	118.7	842
21117	46,022	88	7.2%	191.2	88	6.1%	191.2	176	6.6%	382.4	261
21120	6,009	2	0.2%	33.3	3	0.2%	49.9	5	0.2%	83.2	1,201
21128	10,793	5	0.4%	46.3	8	0.6%	74.1	13	0.5%	120.5	830
21131	6,182	3	0.2%	48.5	1	0.1%	16.2	4	0.1%	64.7	1,545
21133	25,584	107	8.7%	418.2	118	8.2%	461.2	225	8.4%	879.5	113
21136	27,829	48	3.9%	172.5	35	2.4%	125.8	83	3.1%	298.2	335
21152	4,755	2	0.2%	42.1	5	0.3%	105.2	7	0.3%	147.2	679
21153	269	***	***	***	***	***	***	***	***	***	***
21155	1,835	1	0.1%	54.5	0	0.0%	0.0	1	0.0%	54.5	1,834
21156	327	***	***	***	***	***	***	***	***	***	***
21161	2,368	0	0.0%	0.0	1	0.1%	42.2	1	0.0%	42.2	2,368
21162	3,133	2	0.2%	63.8	1	0.1%	31.9	3	0.1%	95.8	1,044
21163	2,354	8	0.7%	339.9	1	0.1%	42.5	9	0.3%	382.3	261
21204	18,744	21	1.7%	112.0	18	1.2%	96.0	39	1.5%	208.1	480
21206	8,921	15	1.2%	168.1	17	1.2%	190.6	32	1.2%	358.7	278
21207	29,191	100	8.2%	342.6	138	9.6%	472.8	238	8.9%	815.3	122
21208	28,482	61	5.0%	214.2	69	4.8%	242.3	130	4.9%	456.4	219
21209	11,935	12	1.0%	100.5	12	0.8%	100.5	24	0.9%	201.1	497
21210	865	***	***	***	***	***	***	***	***	***	***
21212	8,868	5	0.4%	56.4	6	0.4%	67.7	11	0.4%	124.0	806
21215	1,503	8	0.7%	532.2	8	0.6%	532.2	16	0.6%	1,064.4	93
21219	8,285	5	0.4%	60.4	15	1.0%	181.1	20	0.7%	241.4	414
21220	33,410	62	5.1%	185.6	54	3.7%	161.6	116	4.3%	347.2	288
21221	36,019	83	6.8%	230.4	105	7.3%	291.5	188	7.0%	521.9	191
21222	46,366	72	5.9%	155.3	109	7.5%	235.1	181	6.8%	390.4	256
21224	7,400	6	0.5%	81.1	13	0.9%	175.7	19	0.7%	256.7	389
21227	27,735	41	3.4%	147.8	69	4.8%	248.8	110	4.1%	396.6	252
21228	41,651	45	3.7%	108.0	78	5.4%	187.3	123	4.6%	295.3	338

21229	6,047	19	1.6%	314.2	14	1.0%	231.5	33	1.2%	545.7	183
21234	54,109	105	8.6%	194.1	107	7.4%	197.8	212	7.9%	391.8	255
21236	33,242	33	2.7%	99.3	35	2.4%	105.3	68	2.5%	204.6	488
21237	25,815	45	3.7%	174.3	57	3.9%	220.8	102	3.8%	395.1	253
21239	4,411	8	0.7%	181.4	10	0.7%	226.7	18	0.7%	408.0	245
21244	28,862	141	11.5%	488.5	149	10.3%	516.2	290	10.9%	1,004.8	99
21250	3,289	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
21252	2,947	1	0.1%	33.9	0	0.0%	0.0	1	0.0%	33.9	2,946
21286	17,413	21	1.7%	120.6	25	1.7%	143.6	46	1.7%	264.2	378
Unknown	--	3	0.2%	--	4	0.3%	--	7	0.3%	--	--
TOTAL	698,028	1,223	100.0%	175.2	1,444	100.0%	206.9	2,667	100.0%	382.1	261

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2014.

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

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

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

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

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.

Table 3A – Adult/Adolescent HIV Cases Alive on 12/31/2014, by Jurisdiction and Current Residence, Reported through 12/31/2015

Adult/Adolescent Living HIV Cases with or without AIDS Diagnosis															
Jurisdiction of Residence	Population Age 13+	Residence at HIV Diagnosis				Last Known Residence				% Change	Current Residence 2009-2015				% Change
		No.	% of Total	Rate	Ratio	No.	% of Total	Rate	Ratio		No.	% of Total	Rate	Ratio	
21013	2,812	2	0.1%	71.1	1,405	2	0.1%	71.1	1,405	0.0%	2	0.1%	71.1	1,405	0.0%
21030	21,299	57	2.1%	267.6	373	85	2.5%	399.1	250	49.1%	72	2.5%	338.0	295	26.3%
21031	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21043	790	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21051	249	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21052	278	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21053	2,839	4	0.1%	140.9	709	7	0.2%	246.5	405	75.0%	5	0.2%	176.1	567	25.0%
21057	3,698	1	0.0%	27.0	3,698	3	0.1%	81.1	1,232	200.0%	1	0.0%	27.0	3,698	0.0%
21071	447	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21074	1,220	0	0.0%	0.0	--	0	0.0%	0.0	--	--	0	0.0%	0.0	--	--
21082	548	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21085	23	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21087	4,185	3	0.1%	71.7	1,395	5	0.1%	119.5	837	66.7%	5	0.2%	119.5	837	66.7%
21093	32,237	38	1.4%	117.9	848	42	1.2%	130.3	767	10.5%	34	1.2%	105.5	948	-10.5%
21102	863	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21104	140	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21105	60	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21111	3,370	4	0.1%	118.7	842	5	0.1%	148.4	673	25.0%	4	0.1%	118.7	842	0.0%
21117	46,022	176	6.6%	382.4	261	223	6.5%	484.6	206	26.7%	195	6.7%	423.7	236	10.8%
21120	6,009	5	0.2%	83.2	1,201	5	0.1%	83.2	1,201	0.0%	5	0.2%	83.2	1,201	0.0%
21128	10,793	13	0.5%	120.5	830	14	0.4%	129.7	770	7.7%	12	0.4%	111.2	899	-7.7%
21131	6,182	4	0.1%	64.7	1,545	9	0.3%	145.6	686	125.0%	7	0.2%	113.2	883	75.0%
21133	25,584	225	8.4%	879.5	113	284	8.3%	1,110.1	90	26.2%	239	8.2%	934.2	107	6.2%
21136	27,829	83	3.1%	298.2	335	106	3.1%	380.9	262	27.7%	84	2.9%	301.8	331	1.2%
21152	4,755	7	0.3%	147.2	679	5	0.1%	105.2	950	-28.6%	4	0.1%	84.1	1,188	-42.9%
21153	269	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21155	1,835	1	0.0%	54.5	1,834	0	0.0%	0.0	--	-100.0%	0	0.0%	0.0	--	-100.0%
21156	327	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21161	2,368	1	0.0%	42.2	2,368	0	0.0%	0.0	--	-100.0%	0	0.0%	0.0	--	-100.0%
21162	3,133	3	0.1%	95.8	1,044	6	0.2%	191.5	522	100.0%	6	0.2%	191.5	522	100.0%
21163	2,354	9	0.3%	382.3	261	12	0.4%	509.8	196	33.3%	11	0.4%	467.3	213	22.2%
21204	18,744	39	1.5%	208.1	480	48	1.4%	256.1	390	23.1%	39	1.3%	208.1	480	0.0%
21206	8,921	32	1.2%	358.7	278	78	2.3%	874.3	114	143.8%	67	2.3%	751.0	133	109.4%
21207	29,191	238	8.9%	815.3	122	351	10.2%	1,202.4	83	47.5%	307	10.5%	1,051.7	95	29.0%

21208	28,482	130	4.9%	456.4	219	137	4.0%	481.0	207	5.4%	119	4.1%	417.8	239	-8.5%
21209	11,935	24	0.9%	201.1	497	49	1.4%	410.6	243	104.2%	47	1.6%	393.8	253	95.8%
21210	865	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21212	8,868	11	0.4%	124.0	806	20	0.6%	225.5	443	81.8%	15	0.5%	169.2	591	36.4%
21215	1,503	16	0.6%	1,064.4	93	32	0.9%	2,128.7	46	100.0%	27	0.9%	1,796.1	55	68.8%
21219	8,285	20	0.7%	241.4	414	16	0.5%	193.1	517	-20.0%	10	0.3%	120.7	828	-50.0%
21220	33,410	116	4.3%	347.2	288	162	4.7%	484.9	206	39.7%	135	4.6%	404.1	247	16.4%
21221	36,019	188	7.0%	521.9	191	210	6.1%	583.0	171	11.7%	164	5.6%	455.3	219	-12.8%
21222	46,366	181	6.8%	390.4	256	239	7.0%	515.5	193	32.0%	198	6.8%	427.0	234	9.4%
21224	7,400	19	0.7%	256.7	389	28	0.8%	378.4	264	47.4%	24	0.8%	324.3	308	26.3%
21227	27,735	110	4.1%	396.6	252	113	3.3%	407.4	245	2.7%	92	3.2%	331.7	301	-16.4%
21228	41,651	123	4.6%	295.3	338	166	4.8%	398.6	250	35.0%	138	4.7%	331.3	301	12.2%
21229	6,047	33	1.2%	545.7	183	58	1.7%	959.2	104	75.8%	53	1.8%	876.5	114	60.6%
21234	54,109	212	7.9%	391.8	255	261	7.6%	482.4	207	23.1%	231	7.9%	426.9	234	9.0%
21236	33,242	68	2.5%	204.6	488	79	2.3%	237.7	420	16.2%	66	2.3%	198.5	503	-2.9%
21237	25,815	102	3.8%	395.1	253	144	4.2%	557.8	179	41.2%	131	4.5%	507.5	197	28.4%
21239	4,411	18	0.7%	408.0	245	16	0.5%	362.7	275	-11.1%	13	0.4%	294.7	339	-27.8%
21244	28,862	290	10.9%	1,004.8	99	315	9.2%	1,091.4	91	8.6%	275	9.4%	952.8	104	-5.2%
21250	3,289	0	0.0%	0.0	--	0	0.0%	0.0	--	--	0	0.0%	0.0	--	--
21252	2,947	1	0.0%	33.9	2,946	1	0.0%	33.9	2,946	0.0%	1	0.0%	33.9	2,946	0.0%
21286	17,413	46	1.7%	264.2	378	52	1.5%	298.6	334	13.0%	46	1.6%	264.2	378	0.0%
Unknown	--	7	0.3%	--	--	23	0.7%	--	--	228.6%	20	0.7%	--	--	185.7%
TOTAL	698,028	2,667	100.0%	382.1	261	3,428	100.0%	491.1	203	28.5%	2,918	100.0%	418.0	239	9.4%

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

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Jurisdiction of Residence: Jurisdiction of residence at time of initial HIV diagnosis or most recent lab test.
Population Age 13+: Population age 13 years or older, estimate for 7/1/2014.
Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.
Last Known Residence: Jurisdiction of residence from the most recent laboratory test or case report, reported through 12/31/2015.
Current Residence 2009-2015: Jurisdiction of residence from the most recent laboratory test or case report between 1/1/2009-12/31/2015.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
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.
Percent Change: The extent to which a county gained or lost HIV/AIDS cases relative to the number of cases diagnosed in the county.

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

Table 4 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2014, Reported through 12/31/2015

Jurisdiction of Residence at Diagnosis	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
21013	2	***	***	***	***	***	***	***
21030	57	29	50.9%	550	10.3%	10.3%	17.2%	62.1%
21031	***	***	***	***	***	***	***	***
21043	***	***	***	***	***	***	***	***
21051	***	***	***	***	***	***	***	***
21052	***	***	***	***	***	***	***	***
21053	4	***	***	***	***	***	***	***
21057	1	***	***	***	***	***	***	***
21071	***	***	***	***	***	***	***	***
21074	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
21082	***	***	***	***	***	***	***	***
21085	***	***	***	***	***	***	***	***
21087	3	***	***	***	***	***	***	***
21093	38	24	63.2%	575	12.5%	12.5%	8.3%	66.7%
21102	***	***	***	***	***	***	***	***
21104	***	***	***	***	***	***	***	***
21105	***	***	***	***	***	***	***	***
21111	4	***	***	***	***	***	***	***
21117	176	95	54.0%	522	15.8%	9.5%	21.1%	53.7%
21120	5	***	***	***	***	***	***	***
21128	13	9	69.2%	483	11.1%	33.3%	11.1%	44.4%
21131	4	***	***	***	***	***	***	***
21133	225	133	59.1%	479	13.5%	15.0%	24.8%	46.6%
21136	83	47	56.6%	517	10.6%	12.8%	19.1%	57.4%
21152	7	***	***	***	***	***	***	***
21153	***	***	***	***	***	***	***	***
21155	1	***	***	***	***	***	***	***
21156	***	***	***	***	***	***	***	***
21161	1	***	***	***	***	***	***	***
21162	3	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
21163	9	***	***	***	***	***	***	***
21204	39	23	59.0%	658	13.0%	17.4%	8.7%	60.9%
21206	32	15	46.9%	488	6.7%	13.3%	40.0%	40.0%
21207	238	148	62.2%	509	16.9%	13.5%	17.6%	52.0%
21208	130	69	53.1%	591	14.5%	10.1%	11.6%	63.8%
21209	24	19	79.2%	684	21.1%	10.5%	10.5%	57.9%
21210	***	***	***	***	***	***	***	***
21212	11	7	63.6%	347	28.6%	28.6%	14.3%	28.6%
21215	16	13	81.3%	505	7.7%	7.7%	30.8%	53.8%
21219	20	11	55.0%	398	36.4%	9.1%	18.2%	36.4%
21220	116	63	54.3%	540	19.0%	7.9%	17.5%	55.6%
21221	188	109	58.0%	494	16.5%	11.0%	22.9%	49.5%
21222	181	125	69.1%	563	13.6%	16.8%	15.2%	54.4%
21224	19	13	68.4%	627	23.1%	7.7%	7.7%	61.5%
21227	110	70	63.6%	499	14.3%	15.7%	20.0%	50.0%
21228	123	73	59.3%	464	13.7%	20.5%	20.5%	45.2%

21229	33	24	72.7%	532	20.8%	8.3%	12.5%	58.3%
21234	212	149	70.3%	586	7.4%	13.4%	20.8%	58.4%
21236	68	35	51.5%	539	8.6%	20.0%	17.1%	54.3%
21237	102	67	65.7%	471	9.0%	22.4%	23.9%	44.8%
21239	18	12	66.7%	440	25.0%	16.7%	33.3%	25.0%
21244	290	175	60.3%	570	12.6%	10.9%	16.6%	60.0%
21250	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
21252	1	***	***	***	***	***	***	***
21286	46	31	67.4%	729	6.5%	6.5%	22.6%	64.5%
Unknown	7	3	42.9%	210	33.3%	33.3%	0.0%	33.3%
TOTAL	2,667	1,614	60.5%	527	13.6%	13.5%	19.1%	53.8%

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

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

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

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).

Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2014, by Jurisdiction, Reported through 12/31/2015

Jurisdiction of Residence at Diagnosis	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
21013	2	***	***	***	***
21030	57	26	45.6%	80.8%	29,360
21031	***	***	***	***	***
21043	***	***	***	***	***
21051	***	***	***	***	***
21052	***	***	***	***	***
21053	4	***	***	***	***
21057	1	***	***	***	***
21071	***	***	***	***	***
21074	0	0	0.0%	0.0%	--
21082	***	***	***	***	***
21085	***	***	***	***	***
21087	3	0	0.0%	0.0%	--
21093	38	23	60.5%	82.6%	2,734
21102	***	***	***	***	***
21104	***	***	***	***	***
21105	***	***	***	***	***
21111	4	***	***	***	***
21117	176	93	52.8%	77.4%	18,197
21120	5	1	20.0%	100.0%	--
21128	13	9	69.2%	88.9%	6,607
21131	4	***	***	***	***
21133	225	130	57.8%	70.8%	16,199
21136	83	41	49.4%	73.2%	12,450
21152	7	***	***	***	***
21153	***	***	***	***	***
21155	1	***	***	***	***
21156	***	***	***	***	***
21161	1	***	***	***	***
21162	3	***	***	***	***
21163	9	2	22.2%	100.0%	--
21204	39	21	53.8%	76.2%	47,863
21206	32	13	40.6%	69.2%	7,381
21207	238	135	56.7%	72.6%	14,960
21208	130	66	50.8%	75.8%	5,844
21209	24	11	45.8%	81.8%	45,257
21210	***	***	***	***	***
21212	11	6	54.5%	66.7%	39,735
21215	16	11	68.8%	72.7%	904
21219	20	9	45.0%	66.7%	1,439
21220	116	49	42.2%	63.3%	3,155
21221	188	86	45.7%	68.6%	12,980
21222	181	94	51.9%	71.3%	2,512
21224	19	8	42.1%	75.0%	77,931

21227	110	56	50.9%	67.9%	21,026
21228	123	57	46.3%	63.2%	15,255
21229	33	21	63.6%	71.4%	59,585
21234	212	130	61.3%	78.5%	8,075
21236	68	28	41.2%	85.7%	4,646
21237	102	56	54.9%	78.6%	21,102
21239	18	11	61.1%	72.7%	17,440
21244	290	158	54.5%	75.9%	15,220
21250	0	0	0.0%	0.0%	--
21252	1	0	0.0%	0.0%	--
21286	46	26	56.5%	92.3%	1,104
Unknown	7	4	57.1%	75.0%	20,417
TOTAL	2,667	1,393	52.2%	74.0%	12,511

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

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

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

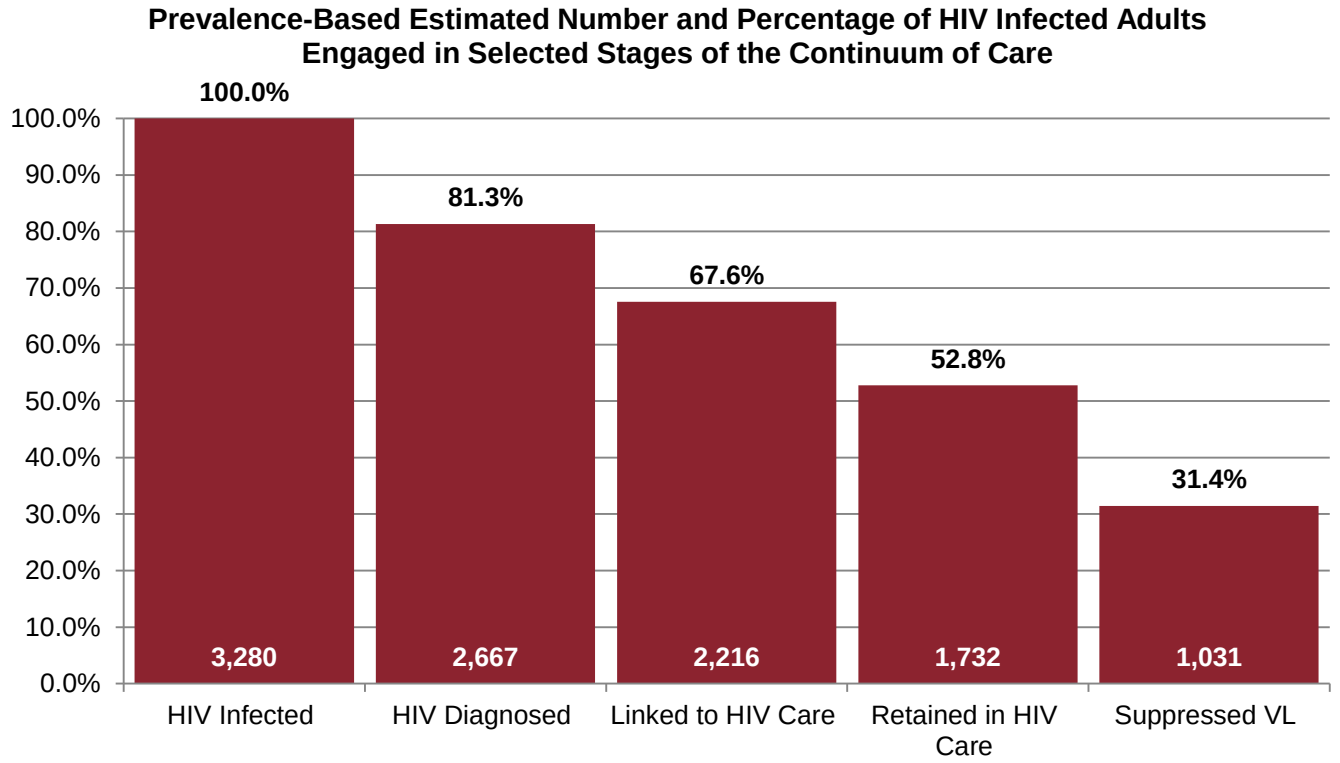
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Figure 7 – Prevalence-Based Estimated Adult/Adolescent 2014 HIV Continuum of Care Cascades, Reported through 12/31/2015

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. The prevalence-based Baltimore County Engagement in HIV Care Cascade (below) uses a CDC estimate of the percent of undiagnosed persons in Maryland (18.7%)[2] to generate an estimated number of HIV infected persons in Baltimore County. It then uses local data to describe the number and percentage of persons living with HIV in Baltimore County who belong to each of the stages of engagement in HIV care.



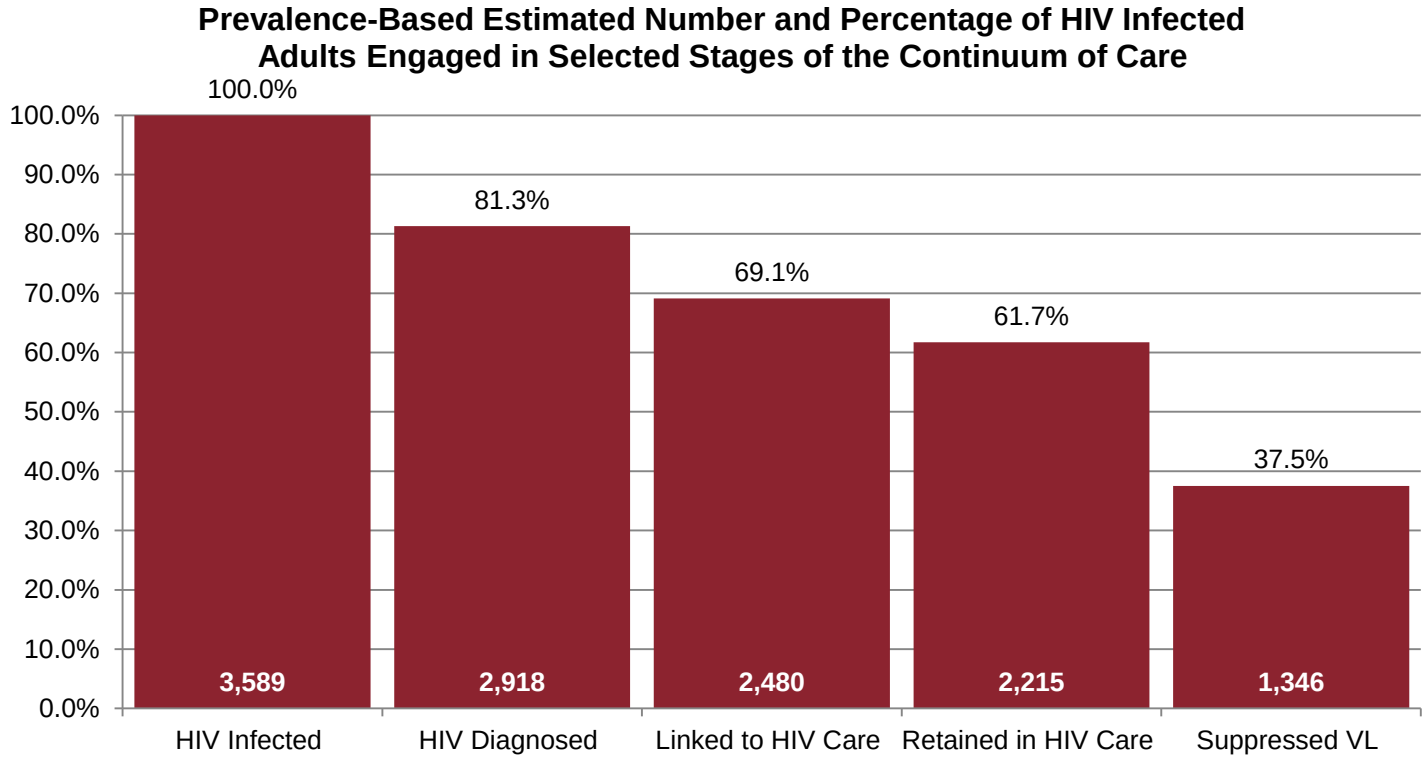
Continuum of Care Stage	Number	Percentage
HIV Infected	3,280	100.0%
HIV Diagnosed	2,667	81.3%
Linked to HIV Care	2,216	67.6%
Retained in HIV Care	1,732	52.8%
Suppressed VL	1,031	31.4%

HIV Infected: HIV Diagnosed divided by one minus the estimate of undiagnosed HIV infections (18.7%) in Maryland.
HIV Diagnosed: Adult/adolescent total living HIV cases as of December 31st of the specified year.
Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.
Retained in HIV Care: HIV Diagnosed with a CD4 or viral load test result reported in the 12 months prior to December 31st of the specified year
Suppressed Viral Load: HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

[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, Morbidity and Mortality Weekly Report, June 26, 2015.

Figure 7A – Prevalence-Based Estimated Adult/Adolescent 2014 HIV Continuum of Care Cascades, by Current Residence, Reported through 12/31/2015

In their 2011 article in Clinical Infectious Diseases, Gardner et al.[1] utilize a continuum of care "cascade" to illustrate national estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care. The prevalence-based Baltimore County Engagement in HIV Care Cascade (below) uses local data to describe the number and percentage of persons diagnosed with HIV in Baltimore County who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Number	Percentage
HIV Infected	3,589	100.0%
HIV Diagnosed	2,918	81.3%
Linked to HIV Care	2,480	69.1%
Retained in HIV Care	2,215	61.7%
Suppressed VL	1,346	37.5%

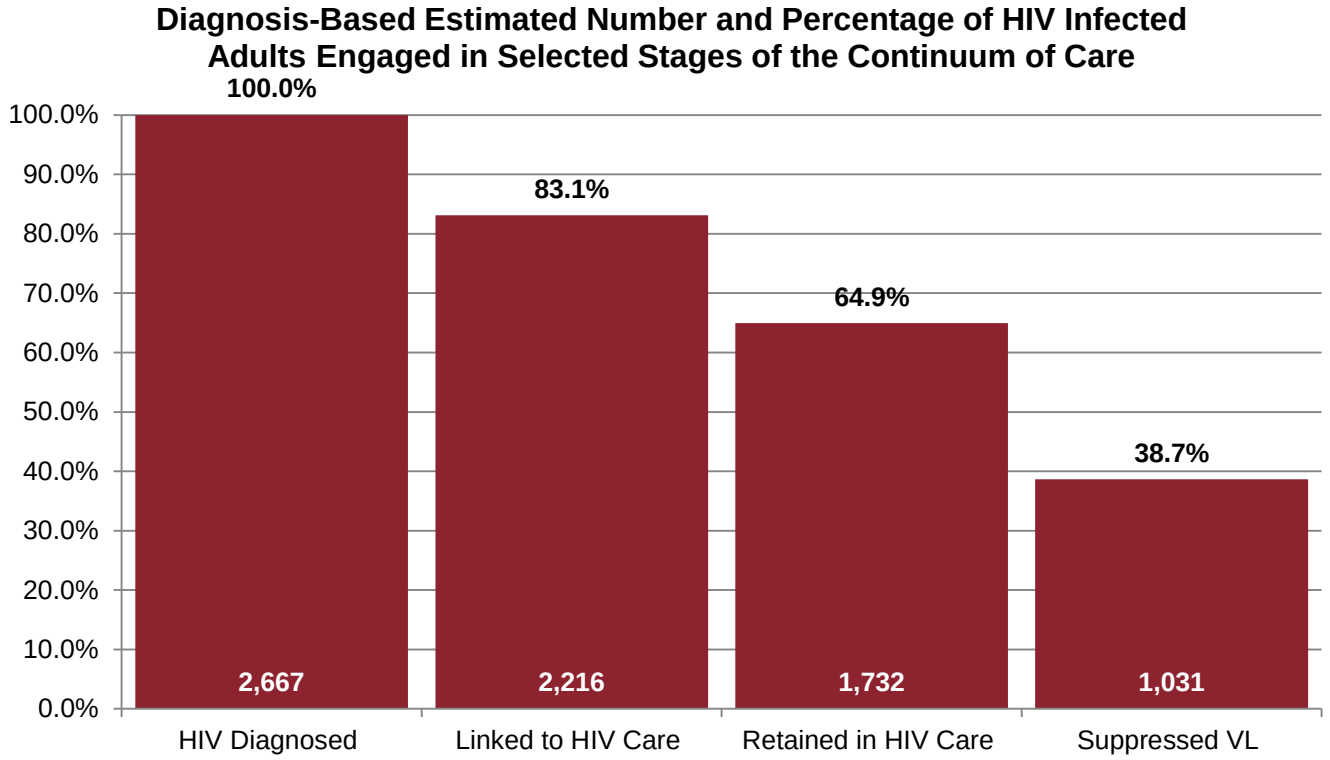
HIV Infected: HIV Diagnosed divided by one minus the estimate of undiagnosed HIV infections (18.7%) in Maryland.
HIV Diagnosed: Adult/adolescent total living HIV cases as of December 31st of the specified year.
Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.
Retained in HIV Care: HIV Diagnosed with a CD4 or viral load test result reported in the 12 months prior to December 31st of the specified year
Suppressed Viral Load: HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

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

[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.

Figure 8 – Diagnosis-Based Estimated Adult/Adolescent 2014 HIV Continuum of Care Cascades, Reported through 12/31/2015

The diagnosis-based Maryland Engagement in HIV Care Cascade (below) uses a CDC estimate of the percent of undiagnosed persons in Maryland (18.7%)[1] to generate an estimated number of HIV infected persons in Baltimore County. It then uses local data for current Baltimore County residents to describe the number and percentage of persons living with HIV in Baltimore County who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Number	Percentage
HIV Diagnosed	2,667	100.0%
Linked to HIV Care	2,216	83.1%
Retained in HIV Care	1,732	64.9%
Suppressed VL	1,031	38.7%

HIV Diagnosed: Adult/adolescent total living HIV cases as of December 31st of the specified year.

Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

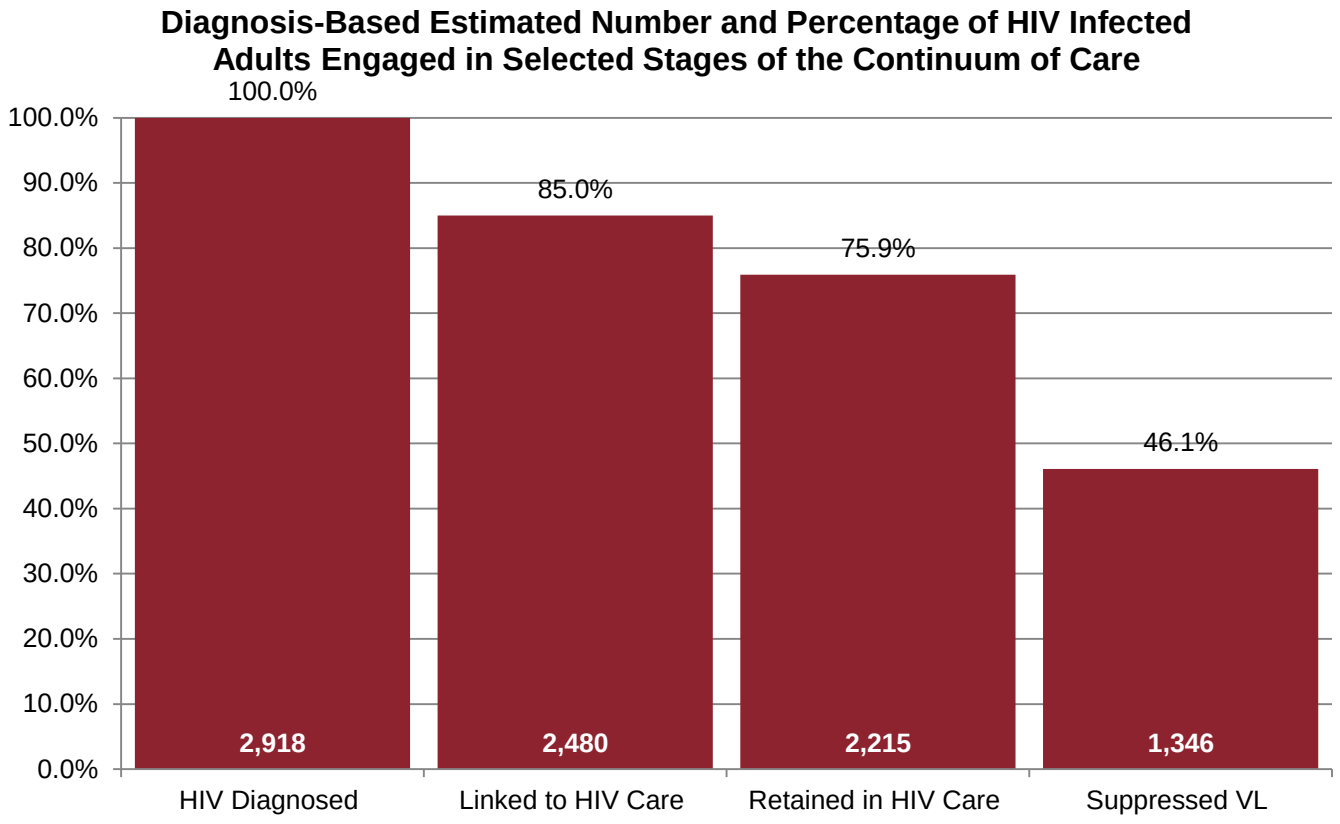
Retained in HIV Care: HIV Diagnosed with a CD4 or viral load test result reported in the 12 months prior to December 31st of the specified year

Suppressed Viral Load: HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

[1] Centers for Disease Control and Prevention, Morbidity and Mortality Weekly Report, June 26, 2015.

Figure 8A – Diagnosis-Based Estimated Adult/Adolescent 2014 HIV Continuum of Care Cascades, by Current Residence, Reported through 12/31/2015

The diagnosis-based Baltimore County Engagement in HIV Care Cascade (below) uses local data to describe the number and percentage of persons diagnosed with HIV in Baltimore County who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Number	Percentage
HIV Diagnosed	2,918	100.0%
Linked to HIV Care	2,480	85.0%
Retained in HIV Care	2,215	75.9%
Suppressed VL	1,346	46.1%

HIV Diagnosed: Adult/adolescent total living HIV cases as of December 31st of the specified year.
Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.
Retained in HIV Care: HIV Diagnosed with a CD4 or viral load test result reported in the 12 months prior to December 31st of the specified year
Suppressed Viral Load: HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

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

Section IV – Cases by Age

Table 6 – HIV Diagnoses during 2014, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2015

Age at HIV Diagnosis	Population	Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
<5 (Pediatric)	49,924	0	0.0%	0.0	--	--	--	--	--	--	--
5-12 (Pediatric)	78,973	0	0.0%	0.0	--	--	--	--	--	--	--
13-19	72,444	7	4.4%	9.7	6	85.7%	***	***	6	85.7%	473
20-29	114,626	54	33.8%	47.1	44	81.5%	7	13.0%	44	81.5%	424
30-39	105,510	46	28.8%	43.6	38	82.6%	15	32.6%	36	78.3%	342
40-49	105,006	25	15.6%	23.8	22	88.0%	8	32.0%	21	84.0%	286
50-59	119,258	18	11.3%	15.1	14	77.8%	6	33.3%	16	88.9%	280
60+	181,184	10	6.3%	5.5	9	90.0%	***	***	8	80.0%	337
Total	826,925	160	100.0%	19.3	133	83.1%	40	25.0%	131	81.9%	395

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

Table 7 – AIDS Diagnoses during 2014, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2015

Age at AIDS Diagnosis	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	49,924	0	0.0%	0.0	--	0.0%
5-12 (Pediatric)	78,973	0	0.0%	0.0	--	0.0%
13-19	72,444	1	1.5%	1.4	***	***
20-29	114,626	11	16.9%	9.6	2.7	45.5%
30-39	105,510	24	36.9%	22.7	3	62.5%
40-49	105,006	17	26.2%	16.2	5.5	47.1%
50-59	119,258	7	10.8%	5.9	5.3	42.9%
60+	181,184	5	7.7%	2.8	4.4	60.0%
Total	826,925	65	100.0%	7.9	3.9	53.8%

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

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.
Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.
Population: Population estimate for 7/1/2014.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.
Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.
Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.
Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.
Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.
Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.
Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.
Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Table 8 – HIV Cases Alive on 12/31/2014, by Age on 12/31/2014, Reported through 12/31/2015

Age On 12/31/2014	Population	Living HIV Cases without AIDS			Living HIV Cases with AIDS			Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5	49,924	0	0.0%	0.0	1	0.1%	2.0	1	0.0%	2.0	49,924
5-12	78,973	8	0.6%	10.1	0	0.0%	0.0	8	0.3%	10.1	9,871
13-19	72,444	13	1.0%	17.9	5	0.3%	6.9	18	0.7%	24.8	4,024
20-29	114,626	245	19.6%	213.7	82	5.6%	71.5	327	12.0%	285.3	350
30-39	105,510	287	22.9%	272.0	215	14.7%	203.8	502	18.5%	475.8	210
40-49	105,006	279	22.3%	265.7	451	30.8%	429.5	730	26.9%	695.2	143
50-59	119,258	304	24.3%	254.9	460	31.4%	385.7	764	28.1%	640.6	156
60+	181,184	116	9.3%	64.0	250	17.1%	138.0	366	13.5%	202.0	495
Total	826,925	1,252	100.0%	151.4	1,464	100.0%	177.0	2,716	100.0%	328.4	304

Age on [date]: Age group of living cases on the specified date.
Population: Population estimate for 7/1/2014.
Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
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.

Table 9 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2014, by Age on 12/31/2014, Reported through 12/31/2015

Age On 12/31/2014	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	6	***	***	***	***	***	***	***
20-29	300	***	***	***	***	***	***	***
30-39	501	302	60.3%	568	13.6%	11.3%	18.9%	56.3%
40-49	730	437	59.9%	517	12.8%	14.2%	19.5%	53.5%
50-59	764	457	59.8%	525	16.0%	14.0%	16.4%	53.6%
60+	366	212	57.9%	506	10.8%	16.0%	21.2%	51.9%
Total	2,667	1,614	60.5%	527	13.6%	13.5%	19.1%	53.8%

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

Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2014, by Age on 12/31/2014, Reported through 12/31/2015

Age On 12/31/2014	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
13-19	6	***	***	***	***
20-29	300	191	63.7%	59.2%	18,305
30-39	501	271	54.1%	76.8%	10,930
40-49	730	375	51.4%	76.3%	11,844
50-59	764	384	50.3%	73.4%	18,746
60+	366	***	***	***	***
Total	2,667	1,393	52.2%	74.0%	12,511

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

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Age on [date]: Age group of living cases on the specified date.
Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.
Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year
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).
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.
Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section V – Adult/Adolescent Cases by Demographics

Table 11 – Adult/Adolescent HIV Diagnoses during 2014, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2015

Sex At Birth	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of % Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
Male	326,190	114	71.3%	34.9	90	78.9%	31	27.2%	93	81.6%	384
Female	371,838	46	28.8%	12.4	43	93.5%	9	19.6%	38	82.6%	452
Total	698,028	160	100.0%	22.9	133	83.1%	40	25.0%	131	81.9%	395

Race/Ethnicity	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of % Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
Hispanic	30,175	14	8.8%	46.4	13	92.9%	5	35.7%	13	92.9%	437
Non-Hispanic	667,853	146	91.3%	21.9	120	82.2%	35	24.0%	118	80.8%	386
American Indian/Alaska Native, only	1,820	0	0.0%	0.0	--	--	--	--	--	--	--
Asian, only	39,462	2	1.3%	5.1	***	***	***	***	***	***	***
Black, only	183,052	117	73.1%	63.9	98	83.8%	29	24.8%	97	82.9%	399
Native Hawaiian/ Other Pacific Islander, only	283	0	0.0%	0.0	--	--	--	--	--	--	--
White only	432,773	18	11.3%	4.2	13	72.2%	***	***	12	66.7%	343
Multiracial/ Other	52,028	9	5.6%	17.3	***	***	***	***	***	***	***
Total	698,028	160	100.0%	22.9	133	83.1%	40	25.0%	131	81.9%	395

Country of Birth	Population Age 13+**	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of % Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
United States	604,642	120	75.0%	19.8	97	80.8%	28	23.3%	97	80.8%	384
Foreign-born	84,884	21	13.1%	24.7	19	90.5%	8	38.1%	19	90.5%	388
Africa	--	15	9.4%	--	14	93.3%	5	33.3%	14	93.3%	394
Asia	--	4	2.5%	--	***	***	***	***	***	***	***
Caribbean	--	0	0.0%	--	--	--	--	--	--	--	--
Central America	--	1	0.6%	--	***	***	***	***	***	***	***
Other	--	1	0.6%	--	***	***	***	***	***	***	***
Unknown	--	19	11.9%	--	17	89.5%	***	***	15	78.9%	408
Total	689,527	160	100.0%	23.2	133	83.1%	40	25.0%	131	81.9%	395

* Population data by sex at birth, age, and race/ethnicity are from the 2014 U.S. Census population estimates

** Population data by country of birth are from the 2013 American Community Survey

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

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.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2014.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 12 – Adult/Adolescent AIDS Diagnoses during 2014, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2015

Sex At Birth	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	326,190	42	64.6%	12.9	3.3	59.5%
Female	371,838	23	35.4%	6.2	5.1	43.5%
Total	698,028	65	100.0%	9.3	3.9	53.8%

Race/Ethnicity	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	30,175	4	6.2%	13.3	0.0	100.0%
Non-Hispanic	667,853	61	93.8%	9.1	4.2	50.8%
American Indian/Alaska Native, only	1,820	***	***	***	***	***
Asian, only	39,462	0	0.0%	0.0	--	--
Black, only	183,052	50	76.9%	27.3	4.1	54.0%
Native Hawaiian/Other Pacific Islander, only	283	***	***	***	***	***
White only	432,773	9	13.8%	2.1	5	33.3%
Multiracial/Other	52,028	2	3.1%	3.8	2.3	50.0%
Total	698,028	65	100.0%	9.3	3.9	53.8%

County Of Birth	Population Age 13+**	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
United States	604,642	54	83.1%	8.9	4.6	46.3%
Foreign-born	84,884	7	10.8%	8.2	0.1	100.0%
Africa	--	4	6.2%	--	***	***
Asia	--	1	1.5%	--	***	***
Caribbean	--	0	0.0%	--	--	--
Central America	--	1	1.5%	--	***	***
Other	--	1	1.5%	--	***	***
Unknown	--	4	6.2%	--	***	***
Total	689,527	65	100.0%	9.4	3.9	53.8%

* Population data by sex at birth, age, and race/ethnicity are from the 2014 U.S. Census population estimates
** Population data by country of birth are from the 2013 American Community Survey
*** Data withheld due to low population and/or case counts

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.
Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2014.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.
Percent Late HIV Diagnosis (for AIDS diagnoses): 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.

Table 13 – Adult/Adolescent Living HIV Cases with and without AIDS by Sex at Birth, Race/Ethnicity, and Country of Birth, Alive on 12/31/2014 and Reported through 12/31/2015

Sex At Birth	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Male	326,190	813	66.5%	249.2	953	66.0%	292.2	1,766	66.2%	541.4	184
Female	371,838	410	33.5%	110.3	491	34.0%	132.0	901	33.8%	242.3	412
Total	698,028	1,223	100.0%	175.2	1,444	100.0%	206.9	2,667	100.0%	382.1	261

Race/Ethnicity	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Hispanic	30,175	51	4.2%	169.0	66	4.6%	218.7	117	4.4%	387.7	257
Non-Hispanic	667,853	1,172	95.8%	175.5	1,378	95.4%	206.3	2,550	95.6%	381.8	261
American Indian/Alaska Native, only	1,820	***	***	***	***	***	***	***	***	***	***
Asian, only	39,462	15	1.2%	38.0	6	0.4%	15.2	21	0.8%	53.2	1,879
Black, only	183,052	816	66.7%	445.8	933	64.6%	509.7	1,749	65.6%	955.5	104
Native Hawaiian/Other Pacific Islander, only	283	***	***	***	***	***	***	***	***	***	***
White only	432,773	273	22.3%	63.1	338	23.4%	78.1	611	22.9%	141.2	708
Multiracial/ Other	52,028	67	5.5%	128.8	101	7.0%	194.1	168	6.3%	322.9	309
Total	698,028	1,223	100.0%	175.2	1,444	100.0%	206.9	2,667	100.0%	382.1	261

Country Of Birth	Population Age 13+**	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
United States	604,642	1,086	88.8%	179.6	1,307	90.5%	216.2	2,393	89.7%	395.8	252
Foreign-born	84,884	69	5.6%	81.3	99	6.9%	116.6	168	6.3%	197.9	505
Africa	--	46	3.8%	--	64	4.4%	--	110	4.1%	--	--
Asia	--	8	0.7%	--	11	0.8%	--	19	0.7%	--	--
Caribbean	--	6	0.5%	--	8	0.6%	--	14	0.5%	--	--
Central America	--	4	0.3%	--	6	0.4%	--	10	0.4%	--	--
Other	--	5	0.4%	--	10	0.7%	--	15	0.6%	--	--
Unknown	--	68	5.6%	--	38	2.6%	--	106	4.0%	--	--
Total	689,527	1,223	100.0%	177.4	1,444	100.0%	209.4	2,667	100.0%	386.8	258

* Population data by sex at birth, age, and race/ethnicity are from the 2014 U.S. Census population estimates

** Population data by country of birth are from the 2013 American Community Survey

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

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2014.

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

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

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

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

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.

Table 14 –Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2014 and Reported through 12/31/2015

Sex At Birth	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male	1,766	1,054	59.7%	529	13.3%	13.1%	19.3%	54.4%
Female	901	560	62.2%	518	14.1%	14.3%	18.9%	52.7%
Total	2,667	1,614	60.5%	527	13.6%	13.5%	19.1%	53.8%

Race/Ethnicity	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Hispanic	117	67	57.3%	516	14.9%	9.0%	23.9%	52.2%
Non-Hispanic	2,550	1,547	60.7%	528	13.5%	13.7%	18.9%	53.8%
American Indian/Alaska Native, only	***	***	***	***	***	***	***	***
Asian, only	21	12	57.1%	614	16.7%	8.3%	8.3%	66.7%
Black, only	1,749	1,079	61.7%	520	13.5%	13.8%	19.3%	53.4%
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***	***	***	***
White only	611	342	56.0%	583	12.3%	12.3%	17.8%	57.6%
Multiracial/Other	168	114	67.9%	468	16.7%	17.5%	20.2%	45.6%
Total	2,667	1,614	60.5%	527	13.6%	13.5%	19.1%	53.8%

Country Of Birth	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
United States	2,393	1,443	60.3%	535	13.6%	13.6%	18.2%	54.6%
Foreign-born	168	98	58.3%	480	16.3%	11.2%	30.6%	41.8%
Africa	110	68	61.8%	480	14.7%	11.8%	33.8%	39.7%
Asia	19	11	57.9%	462	27.3%	9.1%	27.3%	36.4%
Caribbean	14	7	50.0%	675	0.0%	14.3%	14.3%	71.4%
Central America	10	7	70.0%	420	14.3%	14.3%	28.6%	42.9%
Other	15	5	33.3%	422	40.0%	0.0%	20.0%	40.0%
Unknown	106	73	68.9%	514	9.6%	15.1%	21.9%	53.4%
Total	2,667	1,614	60.5%	527	13.6%	13.5%	19.1%	53.8%

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

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

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

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).

Table 15 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2014 and Reported through 12/31/2015

Sex At Birth	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	1,766	882	49.9%	75.7%	12,555
Female	901	511	56.7%	71.0%	12,475
Total	2,667	1,393	52.2%	74.0%	12,511

Race/Ethnicity	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	117	61	52.1%	73.8%	21,559
Non-Hispanic	2,550	1,332	52.2%	74.0%	12,420
American Indian/Alaska Native, only	***	***	***	***	***
Asian, only	21	7	33.3%	100.0%	--
Black, only	1,749	985	56.3%	72.3%	13,490
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***
White only	611	241	39.4%	82.2%	6,280
Multiracial/Other	168	99	58.9%	69.7%	12,250
Total	2,667	1,393	52.2%	74.0%	12,511

Country of Birth	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
United States	2,393	1,236	51.7%	73.0%	12,013
Foreign-born	168	90	53.6%	81.1%	17,260
Africa	110	64	58.2%	78.1%	9,802
Asia	19	10	52.6%	90.0%	10,930
Caribbean	14	6	42.9%	83.3%	52,004
Central America	10	6	60.0%	83.3%	107,760
Other	15	4	26.7%	100.0%	--
Unknown	106	67	63.2%	83.6%	39,811
Total	2,667	1,393	52.2%	74.0%	12,511

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

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

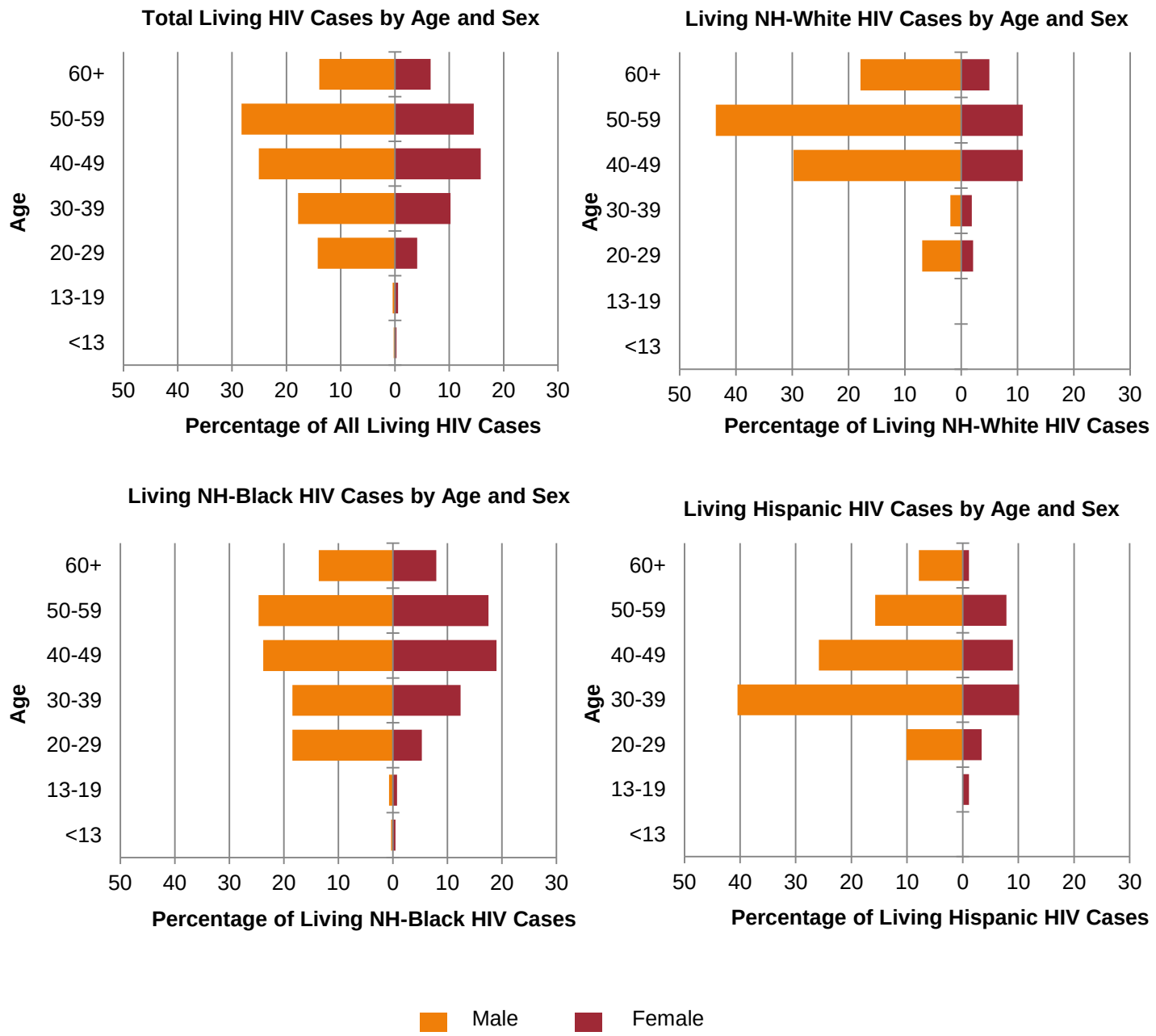
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section VI – 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 12/31/2014 and Reported through 12/31/2015



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.

Table 16 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2014 and Reported through 12/31/2015

Males						
Age On 12/31/2014		Race/Ethnicity				Total Males by Age Group
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	5,555	20,808	30,727	8,082	65,173
	Cases	0	4	0	0	4
	Rate	0.0	19.2	0.0	0.0	6.1
	Ratio (1 in X)	--	5,202	--	--	16,293
13-19	Population	2,151	11,864	18,858	3,528	36,400
	Cases	0	8	0	0	8
	Rate	0.0	67.4	0.0	0.0	22.0
	Ratio (1 in X)	--	1,482	--	--	4,550
20-29	Population	3,648	15,987	31,282	5,139	56,056
	Cases	9	202	29	14	254
	Rate	246.7	1,263.5	92.7	272.4	453.1
	Ratio (1 in X)	405	79	1,078	367	220
30-39	Population	4,300	13,387	27,523	5,104	50,314
	Cases	36	202	59	22	319
	Rate	837.2	1,508.9	214.4	431.0	634.0
	Ratio (1 in X)	119	66	466	232	157
40-49	Population	2,756	13,825	28,706	4,328	49,615
	Cases	23	261	125	39	448
	Rate	834.5	1,887.9	435.4	901.1	903.0
	Ratio (1 in X)	119	52	229	110	110
50-59	Population	1,538	12,394	38,898	3,196	56,026
	Cases	14	270	183	38	505
	Rate	910.3	2,178.5	470.5	1,189.0	901.4
	Ratio (1 in X)	109	45	212	84	110
60+	Population	1,210	12,955	60,016	3,598	77,779
	Cases	7	149	75	18	249
	Rate	578.5	1,150.1	125.0	500.3	320.1
	Ratio (1 in X)	172	86	800	199	312
Total Males by Race/Ethnicity	Population	21,158	101,220	236,010	32,975	391,363
	Cases	89	1,096	471	131	1,787
	Rate	420.6	1,082.8	199.6	397.3	456.6
	Ratio (1 in X)	237	92	501	251	219

Age on [date]: Age group of living cases on the specified date.
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.
Population: Population estimate for 7/1/2014.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
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.

Table 17 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2014 and Reported through 12/31/2015

Females						
Age On 12/31/2014		Race/Ethnicity				Total Females by Age Group
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	5,677	20,766	29,685	7,596	63,724
	Cases	0	5	0	0	5
	Rate	0.0	24.1	0.0	0.0	7.8
	Ratio (1 in X)	--	4,153	--	--	12,744
13-19	Population	2,272	11,867	18,370	3,535	36,044
	Cases	1	8	0	1	10
	Rate	44.0	67.4	0.0	28.3	27.7
	Ratio (1 in X)	2,272	1,483	--	3,534	3,604
20-29	Population	3,293	18,339	31,571	5,367	58,570
	Cases	3	58	9	3	73
	Rate	91.1	316.3	28.5	55.9	124.6
	Ratio (1 in X)	1,097	316	3,507	1,789	802
30-39	Population	3,583	17,866	28,022	5,725	55,196
	Cases	9	136	23	15	183
	Rate	251.2	761.2	82.1	262.0	331.5
	Ratio (1 in X)	398	131	1,218	381	301
40-49	Population	2,421	17,747	30,312	4,911	55,391
	Cases	8	208	46	20	282
	Rate	330.4	1,172.0	151.8	407.2	509.1
	Ratio (1 in X)	302	85	658	245	196
50-59	Population	1,513	16,507	41,727	3,485	63,232
	Cases	7	192	46	14	259
	Rate	462.7	1,163.1	110.2	401.7	409.6
	Ratio (1 in X)	216	85	907	248	244
60+	Population	1,490	20,315	77,488	4,112	103,405
	Cases	1	87	21	8	117
	Rate	67.1	428.3	27.1	194.6	113.1
	Ratio (1 in X)	1,490	233	3,689	514	883
Total Females by Race/Ethnicity	Population	20,249	123,407	257,175	34,731	435,562
	Cases	29	694	145	61	929
	Rate	143.2	562.4	56.4	175.6	213.3
	Ratio (1 in X)	698	177	1,773	569	468

Age on [date]: Age group of living cases on the specified date.
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.
Population: Population estimate for 7/1/2014.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
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.

Section VII – HIV Exposure Category

Table 18 – Adult/Adolescent HIV Diagnoses during 2014, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2015

Exposure Category	Adult/Adolescent HIV Diagnoses								
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnoses	% Late Diagnosis	First CD4 Test Result		
							No. with Test	% with Test	Median Count
With Exposure	141	100.0%	119	84.4%	34	24.1%	118	83.7%	397
Men who have Sex with Men (MSM)	77	54.6%	65	84.4%	18	23.4%	64	83.1%	400
Injection Drug Users (IDU)	6	4.3%	2	33.3%	3	50.0%	5	83.3%	186
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	0	0.0%	0	0.0%	0	0.0%	--
Heterosexual Exposure (HET)	58	41.1%	52	89.7%	13	22.4%	49	84.5%	388
Other Exposure	0	0.0%	0	0.0%	0	0.0%	0	0.0%	--
No Reported Exposure	19		14	73.7%	6	31.6%	13	68.4%	299
Total	160		133	83.1%	40	25.0%	131	81.9%	395

Male Exposure Category	Adult/Adolescent Reported HIV Diagnoses								
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnoses	% Late Diagnosis	First CD4 Test Result		
							No. with Test	% with Test	Median Count
With Exposure	102	100.0%	83	81.4%	27	26.5%	86	84.3%	392
Men who have Sex with Men (MSM)	77	75.5%	65	84.4%	18	23.4%	64	83.1%	400
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	--	--	--	--	0	0.0%	--
Heterosexual Exposure (HET)	***	***	***	***	***	***	***	***	***
Other Exposure	0	0.0%	--	--	--	--	0	0.0%	--
No Reported Exposure	12		7	58.3%	4	33.3%	7	58.3%	255
Total	114		90	78.9%	31	27.2%	93	81.6%	384

Female Exposure Category	Adult/Adolescent Reported HIV Diagnoses								
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnoses	% Late Diagnosis	First CD4 Test Result		
							No. with Test	% with Test	Median Count
With Exposure	39	100.0%	36	92.3%	7	17.9%	32	82.1%	425
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***	***	***	***	***	***
Other Exposure	0	0.0%	--	--	--	--	0	0.0%	--
No Reported Exposure*	7		7	100.0%	2	28.6%	6	85.7%	530
Total	46		43	93.5%	9	19.6%	38	82.6%	452

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

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.
First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.
Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 19 – Adult/Adolescent AIDS Diagnoses during 2014, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2015

Exposure Category	Adult/Adolescent AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	58	100.0%	4.4	50.0%
Men who have Sex with Men (MSM)	27	46.6%	3.4	63.0%
Injection Drug Users (IDU)	7	12.1%	5.8	14.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	--	0.0%
Heterosexual Exposure (HET)	24	41.4%	5.0	45.8%
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure*	7		0.3	85.7%
Total	65		3.9	53.8%

Male Exposure Category	Adult/Adolescent AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	38	100.0%	3.6	55.3%
Men who have Sex with Men (MSM)	27	71.1%	3.4	63.0%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	--	0.0%
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure	4		0.1	100.0%
Total	42		3.3	59.5%

Female Exposure Category	Adult/Adolescent AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	20	100.0%	5.8	40.0%
Injection Drug Users (IDU)	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure*	3		0.7	66.7%
Total	23		5.1	43.5%

* Includes 1 AIDS case with Presumed Female Heterosexual exposure
*** Data withheld due to low population and/or case counts

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.
Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.
Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to12 months prior to their initial AIDS diagnosis.

Table 20 – Adult/Adolescent Living HIV Cases with and without AIDS by Exposure Category and Sex at Birth, Alive on 12/31/2014 and Reported through 12/31/2015

Exposure Category	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	913	100.0%	1,212	100.0%	2,125	100.0%
Men who have Sex with Men (MSM)	422	46.2%	427	35.2%	849	40.0%
Injection Drug Users (IDU)	125	13.7%	285	23.5%	410	19.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	16	1.8%	46	3.8%	62	2.9%
Heterosexual Exposure (HET)	347	38.0%	447	36.9%	794	37.4%
Other Exposures	3	0.3%	7	0.6%	10	0.5%
No Reported Exposure*	310		232		542	
Total	1,223		1,444		2,667	

Male Exposure Category	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	623	100.0%	803	100.0%	1,426	100.0%
Men who have Sex with Men (MSM)	422	67.7%	427	53.2%	849	59.5%
Injection Drug Users (IDU)	75	12.0%	167	20.8%	242	17.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	16	2.6%	46	5.7%	62	4.3%
Heterosexual Exposure (HET)	109	17.5%	159	19.8%	268	18.8%
Other Exposures	1	0.2%	4	0.5%	5	0.4%
No Reported Exposure	190		150		340	
Total	813		953		1,766	

Female Exposure Category	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	290	100.0%	409	100.0%	699	100.0%
Injection Drug Users (IDU)	50	17.2%	118	28.9%	168	24.0%
Heterosexual Exposure (HET)	238	82.1%	288	70.4%	526	75.3%
Other Exposures	2	0.7%	3	0.7%	5	0.7%
No Reported Exposure*	120		82		202	
Total	410		491		901	

* Includes 2 HIV cases without AIDS and 5 HIV cases with AIDS with Presumed Female Heterosexual exposure

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

Table 21 – Adult/Adolescent Total Living HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2014 and Reported through 12/31/2015

Exposure Category	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	88	100.0%	1,379	100.0%	494	100.0%
Men who have Sex with Men (MSM)	46	52.3%	476	34.5%	256	51.8%
Injection Drug Users (IDU)	14	15.9%	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	39	2.8%	17	3.4%
Heterosexual Exposure (HET)	26	29.5%	603	43.7%	113	22.9%
Other Exposures	***	***	***	***	***	***
No Reported Exposure*	29		370		117	
Total	117		1,749		611	

Male Exposure Category	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	70	100.0%	871	100.0%	373	100.0%
Men who have Sex with Men (MSM)	46	65.7%	476	54.6%	256	68.6%
Injection Drug Users (IDU)	***	***	162	18.6%	52	13.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	39	4.5%	17	4.6%
Heterosexual Exposure (HET)	11	15.7%	191	21.9%	46	12.3%
Other Exposures	0	0.0%	3	0.3%	2	0.5%
No Reported Exposure	19		208		95	
Total	89		1,079		468	

Female Exposure Category	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	18	100.0%	508	100.0%	121	100.0%
Injection Drug Users (IDU)	***	***	93	18.3%	53	43.8%
Heterosexual Exposure (HET)	15	83.3%	412	81.1%	67	55.4%
Other Exposures	***	***	3	0.6%	1	0.8%
No Reported Exposure*	10		162		22	
Total	28		670		143	

* Includes 1 Hispanic case, 5 non-Hispanic black cases, and 1 non-Hispanic white case with Presumed Female Heterosexual exposure

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

Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2014 and Reported through 12/31/2015

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+
With Exposure	2,125	1,333	62.7%	521	14.1%	13.5%	19.5%	52.9%
Men who have Sex with Men (MSM)	849	521	61.4%	544	11.3%	10.6%	21.1%	57.0%
Injection Drug Users (IDU)	410	261	63.7%	482	17.2%	20.3%	16.1%	46.4%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	62	35	56.5%	557	14.3%	8.6%	17.1%	60.0%
Heterosexual Exposure (HET)	794	511	64.4%	520	15.3%	13.3%	19.4%	52.1%
Other Exposures	10	5	50.0%	473	20.0%	20.0%	60.0%	0.0%
No Reported Exposure*	542	281	51.8%	547	11.0%	13.5%	17.4%	58.0%
Total	2,667	1,614	60.5%	527	13.6%	13.5%	19.1%	53.8%

* Includes 7 cases with Presumed Female Heterosexual exposure

Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2014 and Reported through 12/31/2015

Exposure Category	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Results			
		No. with Test	% with Test	% Suppressed	Median Count
With Exposure	2,125	1,135	53.4%	72.9%	12,013
Men who have Sex with Men (MSM)	849	443	52.2%	73.6%	15,520
Injection Drug Users (IDU)	410	200	48.8%	72.5%	7,520
Men who have Sex with Men and Inject Drugs (MSM/IDU)	62	25	40.3%	80.0%	11,710
Heterosexual Exposure (HET)	794	463	58.3%	72.6%	10,400
Other Exposures	10	4	40.0%	0.0%	37,588
No Reported Exposure*	542	258	47.6%	79.1%	16,818
Total	2,667	1,393	52.2%	74.0%	12,511

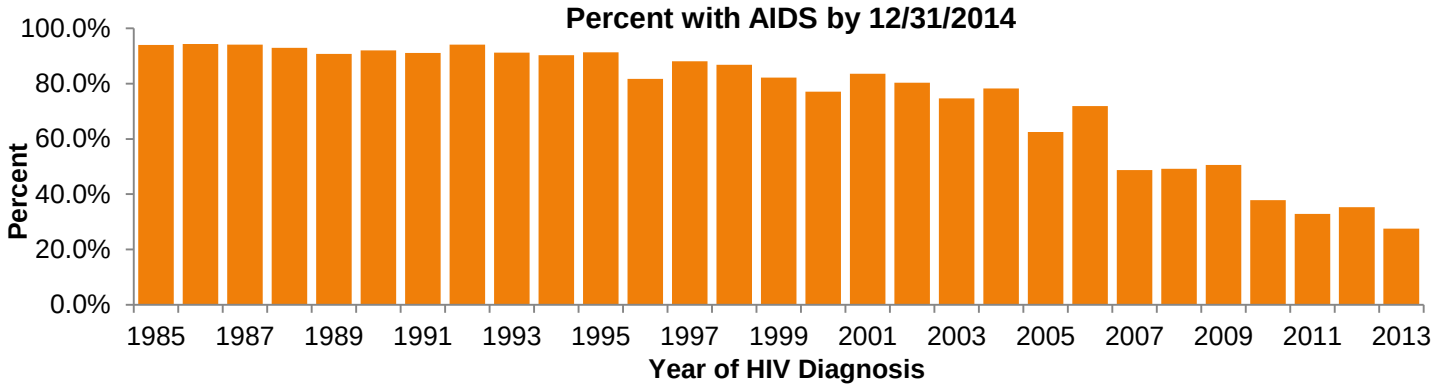
* Includes 7 cases with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.
Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.
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).
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.
Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section VIII – Disease Progression and Mortality

Figure 10 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2013, Reported through 12/31/2015

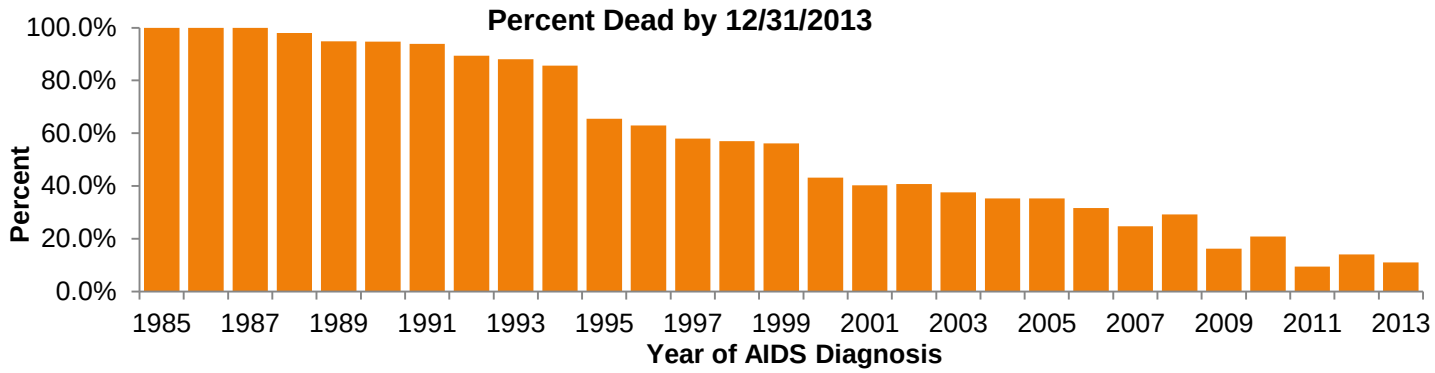
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/13 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2014 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2014, 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 2013, as Reported by Name through 12/31/2015.



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	42	39	92.9%	8.1	23.8%	23.8%	26.2%	59.5%
1985	67	63	94.0%	6.8	28.4%	28.4%	37.3%	73.1%
1986	71	67	94.4%	5.6	33.8%	33.8%	45.1%	81.7%
1987	86	81	94.2%	3.9	39.5%	43.0%	59.3%	88.4%
1988	129	120	93.0%	3.8	45.0%	46.5%	65.9%	85.3%
1989	141	128	90.8%	3.8	41.1%	45.4%	63.1%	82.3%
1990	164	151	92.1%	2.6	46.3%	54.9%	79.9%	87.2%
1991	203	185	91.1%	2.9	47.3%	56.2%	73.4%	82.3%
1992	203	191	94.1%	2.6	50.2%	60.1%	77.3%	88.7%
1993	148	135	91.2%	2.1	55.4%	61.5%	78.4%	89.2%
1994	134	121	90.3%	2.5	50.0%	57.5%	73.9%	86.6%
1995	152	139	91.4%	2.4	55.9%	61.2%	75.7%	86.8%
1996	154	126	81.8%	1.3	63.6%	67.5%	74.0%	79.2%
1997	159	140	88.1%	2.1	60.4%	61.6%	73.0%	83.6%
1998	151	131	86.8%	1.5	62.3%	67.5%	76.8%	85.4%
1999	157	129	82.2%	1.8	57.3%	59.9%	72.0%	79.0%
2000	144	111	77.1%	1.8	52.8%	56.9%	66.7%	75.7%
2001	152	127	83.6%	1.4	60.5%	67.8%	76.3%	80.9%
2002	224	180	80.4%	1.5	61.2%	64.7%	71.0%	77.7%
2003	170	127	74.7%	1.0	60.0%	64.7%	68.8%	72.9%
2004	175	137	78.3%	1.2	62.3%	67.4%	72.6%	76.0%
2005	168	105	62.5%	1.2	48.8%	50.0%	57.1%	--
2006	199	143	71.9%	0.7	61.3%	64.8%	68.3%	--
2007	191	93	48.7%	1.1	36.1%	39.3%	44.0%	--
2008	181	89	49.2%	1.0	37.6%	38.7%	47.0%	--
2009	180	91	50.6%	1.2	36.1%	38.3%	--	--
2010	201	76	37.8%	1.2	25.4%	27.9%	--	--
2011	164	54	32.9%	0.4	28.7%	32.3%	--	--
2012	150	53	35.3%	0.8	26.7%	30.7%	--	--
2013	127	35	27.6%	0.3	25.2%	--	--	--
Total	4,587	3,367	73.4%	2.2	47.5%	51.8%	61.8%	70.1%

Figure 11 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2013, Reported through 12/31/2015

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/13 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2014 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2014, 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 2013, as Reported by Name through 12/31/2015

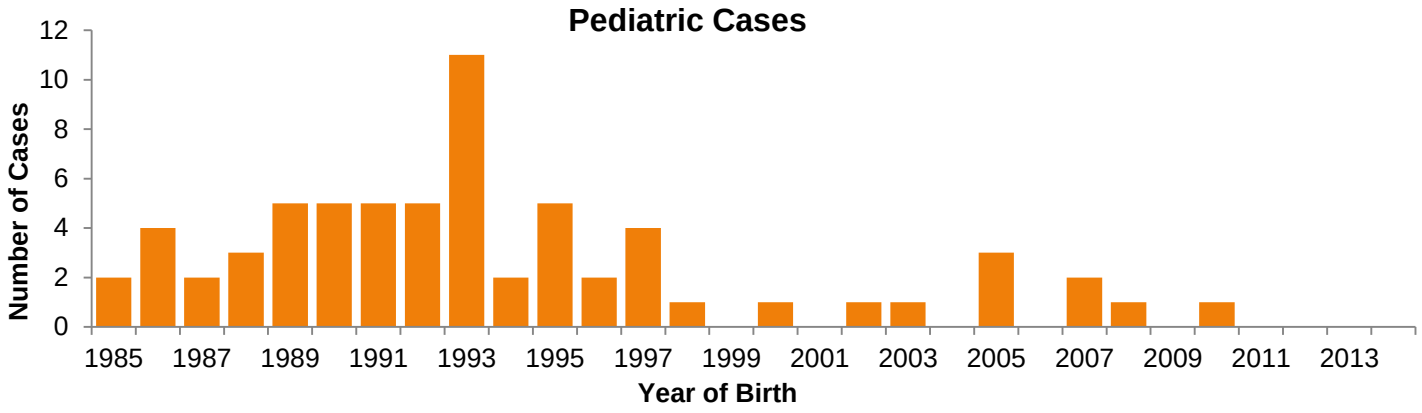


Year of HIV Diagnosis	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	8	8	100.0%	3.0	50.0%	25.0%	12.5%	12.5%
1985	17	17	100.0%	1.2	35.3%	5.9%	5.9%	0.0%
1986	22	22	100.0%	2.1	54.5%	40.9%	13.6%	0.0%
1987	35	35	100.0%	3.2	74.3%	45.7%	11.4%	8.6%
1988	51	50	98.0%	2.3	56.9%	39.2%	13.7%	3.9%
1989	59	56	94.9%	2.6	64.4%	42.4%	18.6%	8.5%
1990	75	71	94.7%	2.6	72.0%	52.0%	18.7%	9.3%
1991	114	107	93.9%	2.6	67.5%	47.4%	14.9%	11.4%
1992	141	126	89.4%	2.5	73.8%	49.6%	17.0%	13.5%
1993	158	139	88.0%	3.1	79.7%	50.0%	27.2%	17.7%
1994	118	101	85.6%	3.8	75.4%	56.8%	39.0%	23.7%
1995	148	97	65.5%	4.9	79.1%	67.6%	58.1%	48.0%
1996	119	75	63.0%	5.2	84.0%	77.3%	59.7%	48.7%
1997	119	69	58.0%	4.6	84.0%	79.0%	63.9%	49.6%
1998	93	53	57.0%	5.2	89.2%	80.6%	68.8%	52.7%
1999	121	68	56.2%	5.2	90.9%	82.6%	71.9%	49.6%
2000	95	41	43.2%	3.4	87.4%	82.1%	65.3%	60.0%
2001	117	47	40.2%	3.6	91.5%	81.2%	68.4%	63.2%
2002	172	70	40.7%	5.3	93.0%	90.7%	77.9%	66.9%
2003	117	44	37.6%	3.1	83.8%	81.2%	71.8%	64.1%
2004	116	41	35.3%	3.8	91.4%	89.7%	76.7%	67.2%
2005	102	36	35.3%	2.6	87.3%	82.4%	71.6%	--
2006	133	42	31.6%	2.9	85.7%	82.7%	75.9%	--
2007	81	20	24.7%	2.1	86.4%	82.7%	80.2%	--
2008	89	26	29.2%	2.0	86.5%	83.1%	74.2%	--
2009	105	17	16.2%	1.9	92.4%	91.4%	--	--
2010	106	22	20.8%	1.4	89.6%	85.8%	--	--
2011	84	8	9.5%	1.9	97.6%	95.2%	--	--
2012	93	13	14.0%	0.9	92.5%	88.2%	--	--
2013	82	9	11.0%	0.5	92.7%	--	--	--
Total	2,890	1,530	52.9%	3.4	83.6%	73.6%	59.2%	51.3%

Section IX – Pediatric Cases

Figure 12 – Trends in Pediatric HIV Cases, 1985-2014, Reported through 12/31/2015

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 2014, as Reported by Name through 12/31/2015



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 12/31 of Each Year
<1985	2	1	1	0	
1985	2	0	0	0	0
1986	4	0	0	0	0
1987	2	2	2	0	0
1988	3	0	0	1	0
1989	5	4	3	2	1
1990	5	4	1	1	4
1991	5	4	2	0	7
1992	5	10	4	0	15
1993	11	5	2	1	18
1994	2	7	4	2	23
1995	5	2	1	2	24
1996	2	3	1	0	28
1997	4	1	0	0	30
1998	1	0	1	0	29
1999	0	0	1	0	28
2000	1	1	0	0	29
2001	0	2	0	0	32
2002	1	4	2	0	35
2003	1	0	1	0	34
2004	0	1	1	0	34
2005	3	1	0	0	35
2006	0	2	0	1	37
2007	2	6	0	0	44
2008	1	2	1	0	45
2009	0	3	2	2	46
2010	1	1	3	1	46
2011	0	1	2	0	46
2012	0	0	1	0	47
2013	0	1	1	0	50
2014	0	0	1	0	49
Total	68	68	38	13	

Table 24 – Pediatric Total Living HIV Cases, Alive on 12/31/2014, by Jurisdiction, Reported through 12/31/2015

Jurisdiction of Residence at Diagnosis	Pediatric Total Living HIV Cases	
	No.	% of Total
21117	4	8.2%
21133	5	10.2%
21207	12	24.5%
21208	3	6.1%
21215	1	2.0%
21219	1	2.0%
21220	1	2.0%
21221	5	10.2%
21222	5	10.2%
21224	2	4.1%
21228	2	4.1%
21234	5	10.2%
21237	1	2.0%
21244	2	4.1%
Total	49	100.0%

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis for pediatric reported HIV diagnoses, and jurisdiction of residence at later of time of initial HIV diagnosis or initial AIDS diagnosis for pediatric total living HIV cases.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

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.

Table 25 – Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2014 and Reported through 12/31/2015

Sex at Birth	Pediatric Total Living HIV Cases	
	No.	% of Total
Male	21	42.9%
Female	28	57.1%
Total	49	100.0%

Race/Ethnicity	Pediatric Total Living HIV Cases	
	No.	% of Total
Hispanic	1	2.04%
Non-Hispanic	48	98.0%
American Indian/ Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	41	83.7%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	5	10.2%
Multiracial/Other	2	4.1%
Total	49	100.0%

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.
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.

Glossary of Terms

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, 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 at HIV diagnosis, 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 at HIV diagnosis, 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).

Confirmed Perinatal HIV Transmissions: Reported babies born to an HIV positive mother, with a confirmed HIV diagnosis.

Current Residence 2009-2015: Jurisdiction of residence from the most recent laboratory test or case report between 1/1/2009-12/31/2015.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Jurisdiction of Residence: Jurisdiction of residence at time of initial HIV diagnosis or most recent lab test.

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 of 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.

Last Known Residence: Jurisdiction of residence from the most recent laboratory test or case report between 1/1/2009-12/31/2015.

Live Births: Babies born alive in the general population.

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 (to AIDS 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: The measure of central location, which divides a set of data into two equal parts.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

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 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 (for AIDS diagnoses): 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 Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Percent with AIDS: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis by 12/31/2015.

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 Rate: Percent of confirmed perinatal HIV transmissions among reported perinatal HIV exposures.

Population: Population estimate for 7/1/2014.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2014.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

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 reported in the 12 months prior to December 31st of the specified year.

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of 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.

Reported Perinatal HIV Exposures: Reported babies born to an HIV positive mother during the specified year.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year.

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.

Women of Childbearing Age Total Living HIV cases: Reported HIV diagnoses among women of childbearing age (13-49 years old) on December 31st of the specified year.