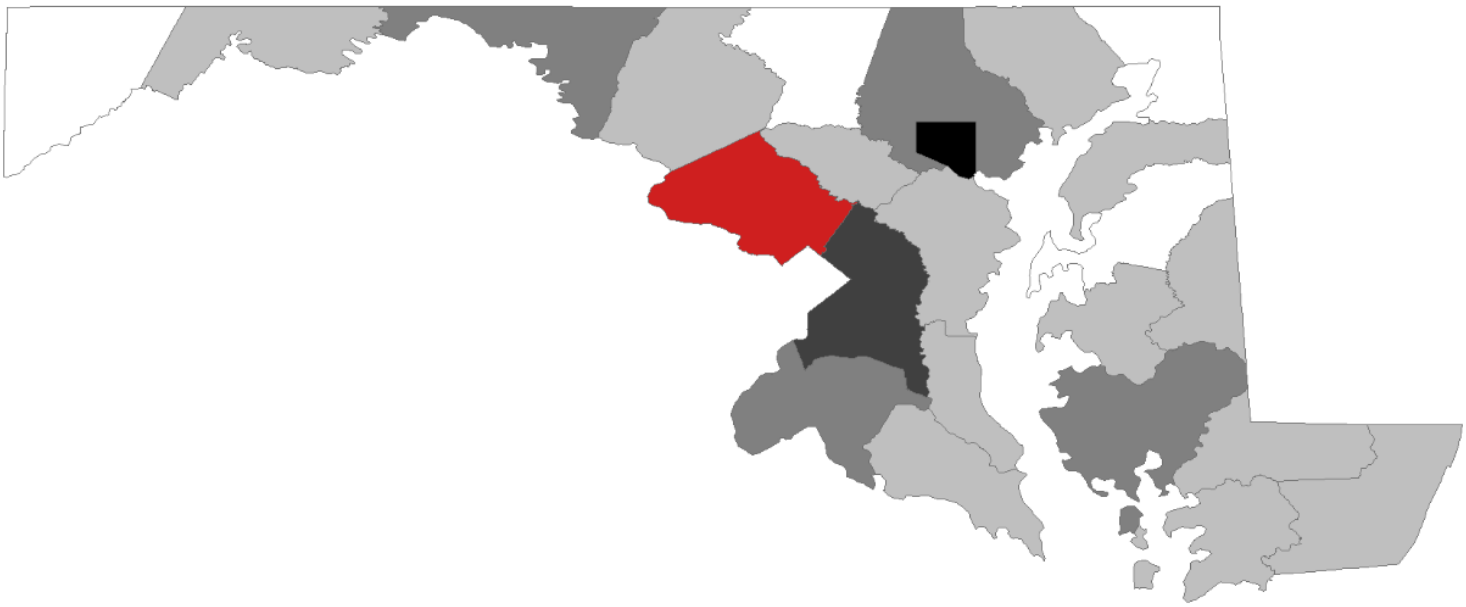
2014



Montgomery 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.

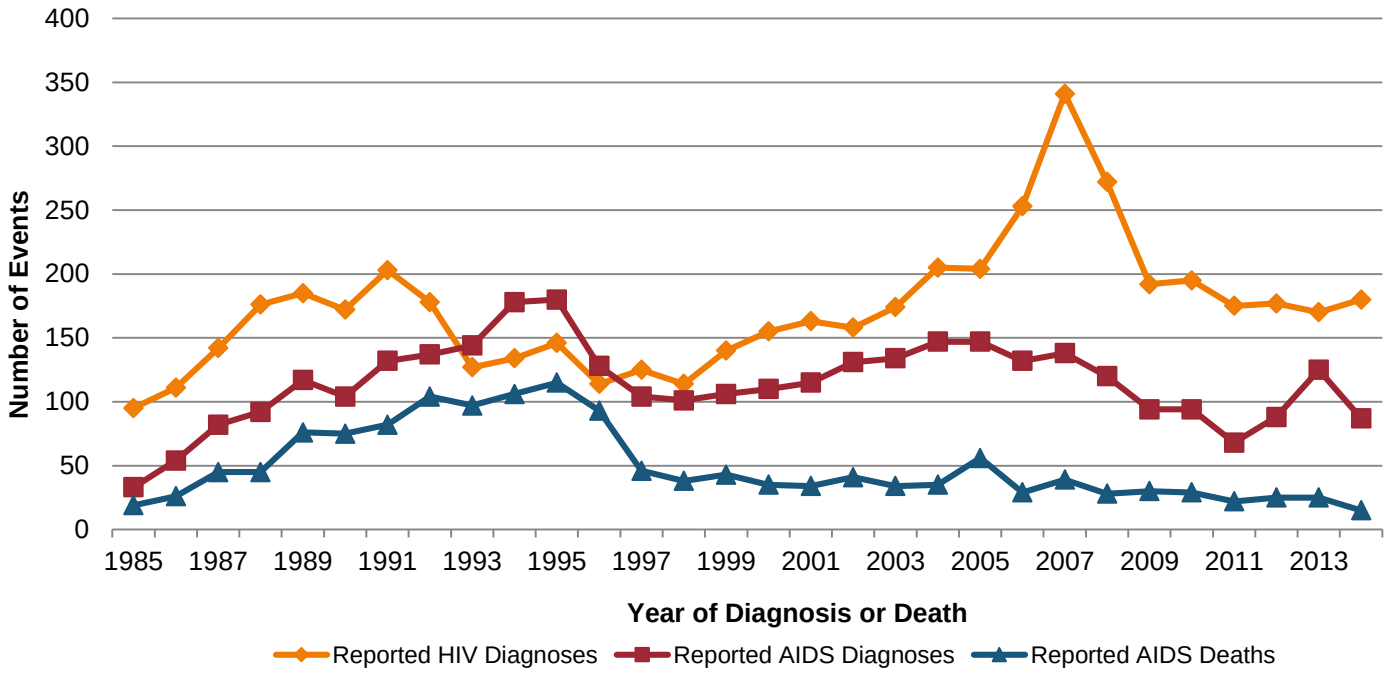
Heterosexual Exposure (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or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

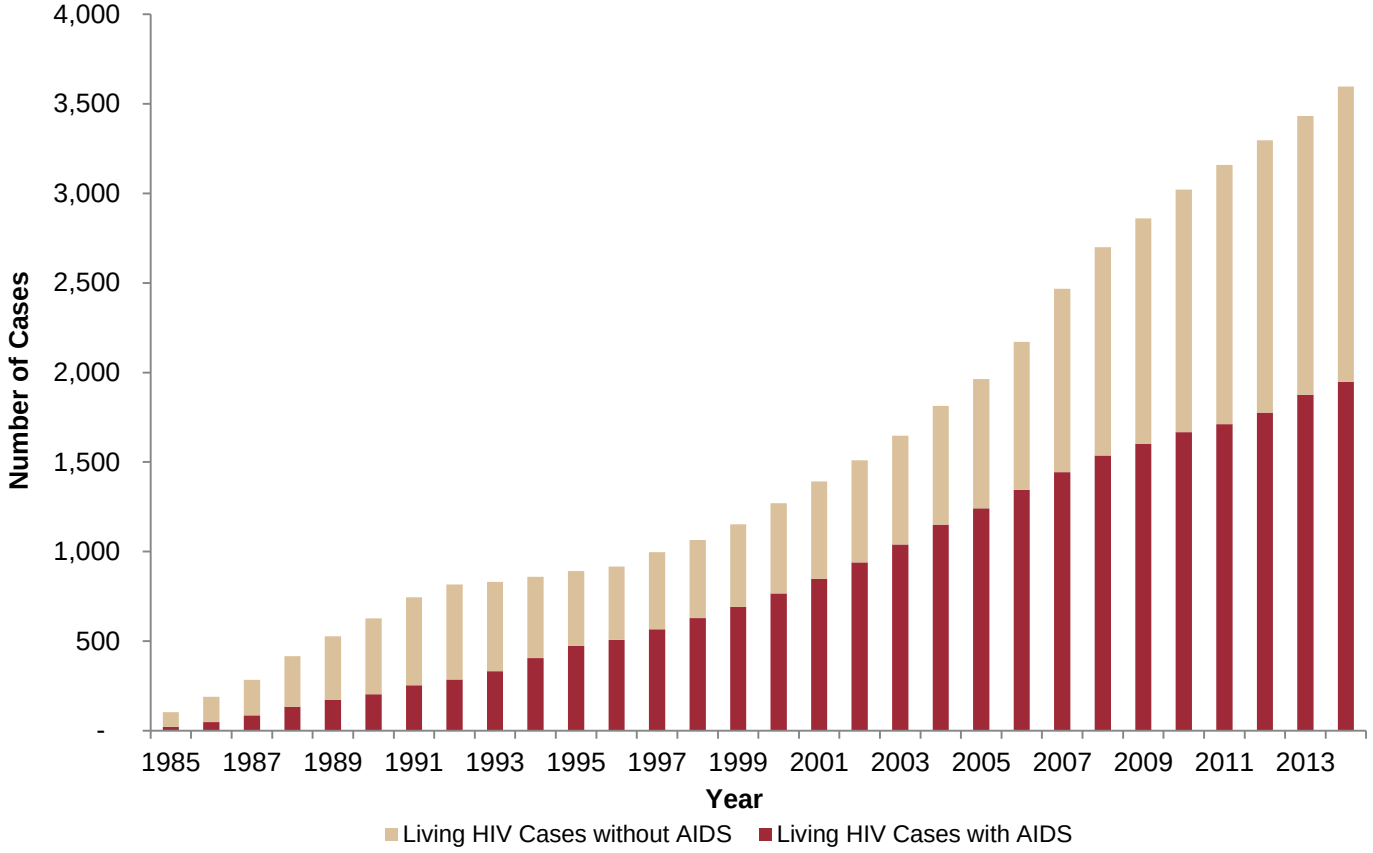


During the 2007-2008 transition to name-based reporting, many HIV cases were reported by a recent HIV diagnosis and not by their earliest HIV diagnosis, resulting in an artificial upward trend in HIV diagnoses during the period 2001-2008

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	36	15	8	**2000**	155	110	35
1985	95	33	19	**2001**	163	115	34
1986	111	54	26	**2002**	158	131	41
1987	142	82	45	**2003**	174	134	34
1988	176	92	45	**2004**	205	147	35
1989	185	117	76	**2005**	204	147	56
1990	172	104	75	**2006**	253	132	29
1991	203	132	82	**2007**	341	138	39
1992	178	137	104	**2008**	272	120	28
1993	127	144	97	**2009**	192	94	30
1994	134	178	106	**2010**	195	94	29
1995	146	180	115	**2011**	175	68	22
1996	114	128	93	**2012**	177	88	25
1997	125	104	46	**2013**	170	125	25
1998	114	101	38	**2014**	180	87	15
1999	140	106	43	**Total**	5,212	3,437	1,495

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

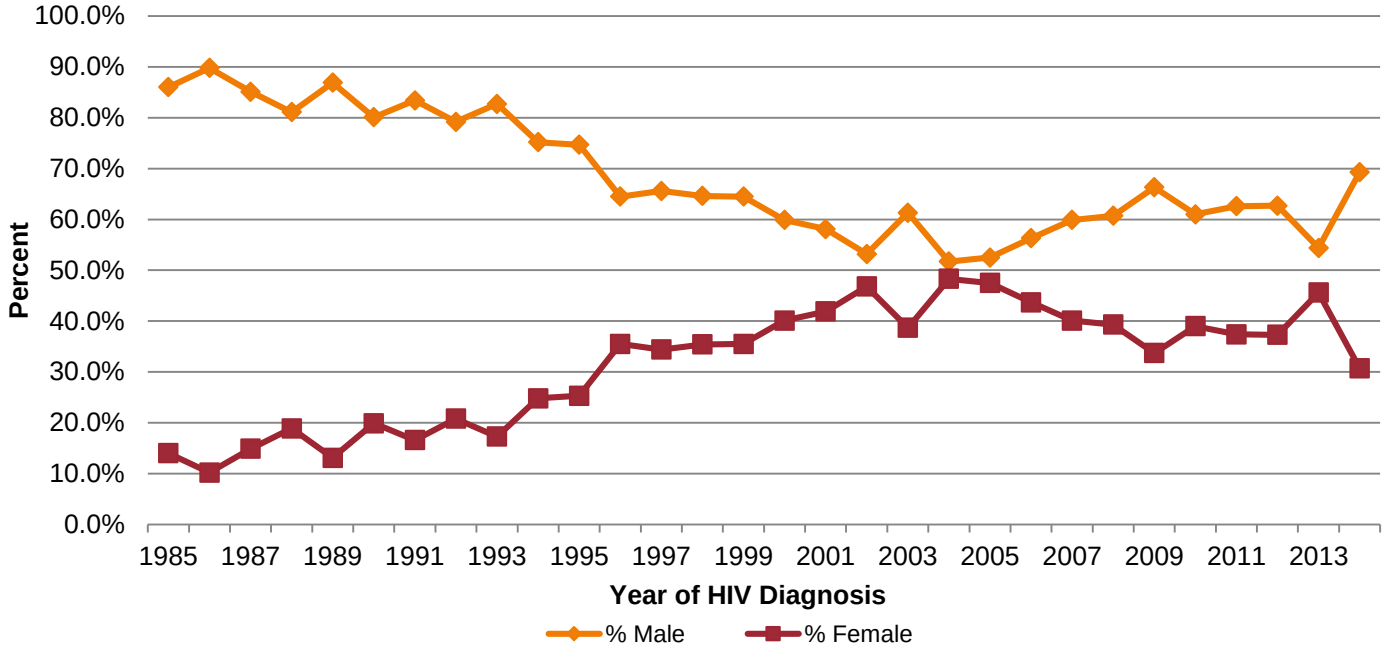
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2014, as Reported through 12/31/2015



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	82	21	103	**2000**	503	767	1,270
1986	140	49	189	**2001**	542	849	1,391
1987	198	86	284	**2002**	570	939	1,509
1988	283	133	416	**2003**	608	1,039	1,647
1989	353	174	527	**2004**	663	1,151	1,814
1990	424	203	627	**2005**	721	1,242	1,963
1991	492	253	745	**2006**	826	1,345	2,171
1992	531	286	817	**2007**	1,023	1,444	2,467
1993	497	333	830	**2008**	1,163	1,537	2,700
1994	453	406	859	**2009**	1,260	1,601	2,861
1995	418	473	891	**2010**	1,355	1,666	3,021
1996	409	508	917	**2011**	1,447	1,712	3,159
1997	430	566	996	**2012**	1,522	1,775	3,297
1998	435	629	1,064	**2013**	1,557	1,875	3,432
1999	460	692	1,152	**2014**	1,650	1,947	3,597

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

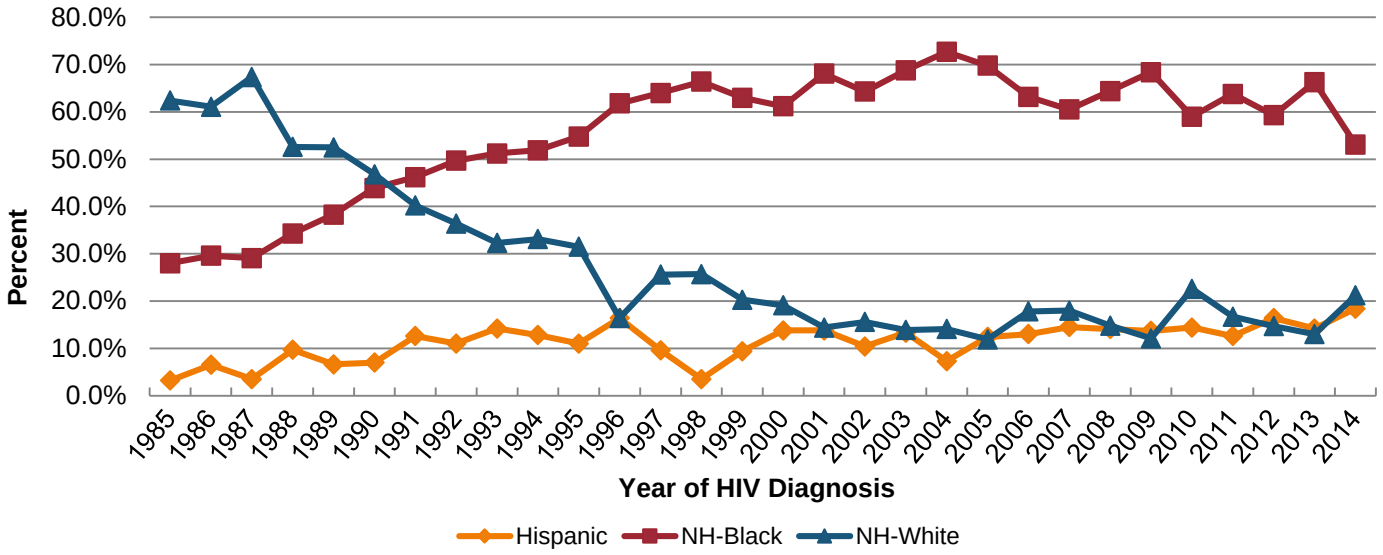
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2014, as Reported through 12/31/2015



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	36	94.4%	5.6%	**2000**	152	59.9%	40.1%
1985	93	86.0%	14.0%	**2001**	160	58.1%	41.9%
1986	108	89.8%	10.2%	**2002**	154	53.2%	46.8%
1987	141	85.1%	14.9%	**2003**	173	61.3%	38.7%
1988	175	81.1%	18.9%	**2004**	205	51.7%	48.3%
1989	183	86.9%	13.1%	**2005**	202	52.5%	47.5%
1990	171	80.1%	19.9%	**2006**	247	56.3%	43.7%
1991	199	83.4%	16.6%	**2007**	339	59.9%	40.1%
1992	173	79.2%	20.8%	**2008**	270	60.7%	39.3%
1993	127	82.7%	17.3%	**2009**	190	66.3%	33.7%
1994	133	75.2%	24.8%	**2010**	195	61.0%	39.0%
1995	146	74.7%	25.3%	**2011**	174	62.6%	37.4%
1996	110	64.5%	35.5%	**2012**	177	62.7%	37.3%
1997	125	65.6%	34.4%	**2013**	169	54.4%	45.6%
1998	113	64.6%	35.4%	**2014**	179	69.3%	30.7%
1999	138	64.5%	35.5%	**Total**	5,157	67.3%	32.7%

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

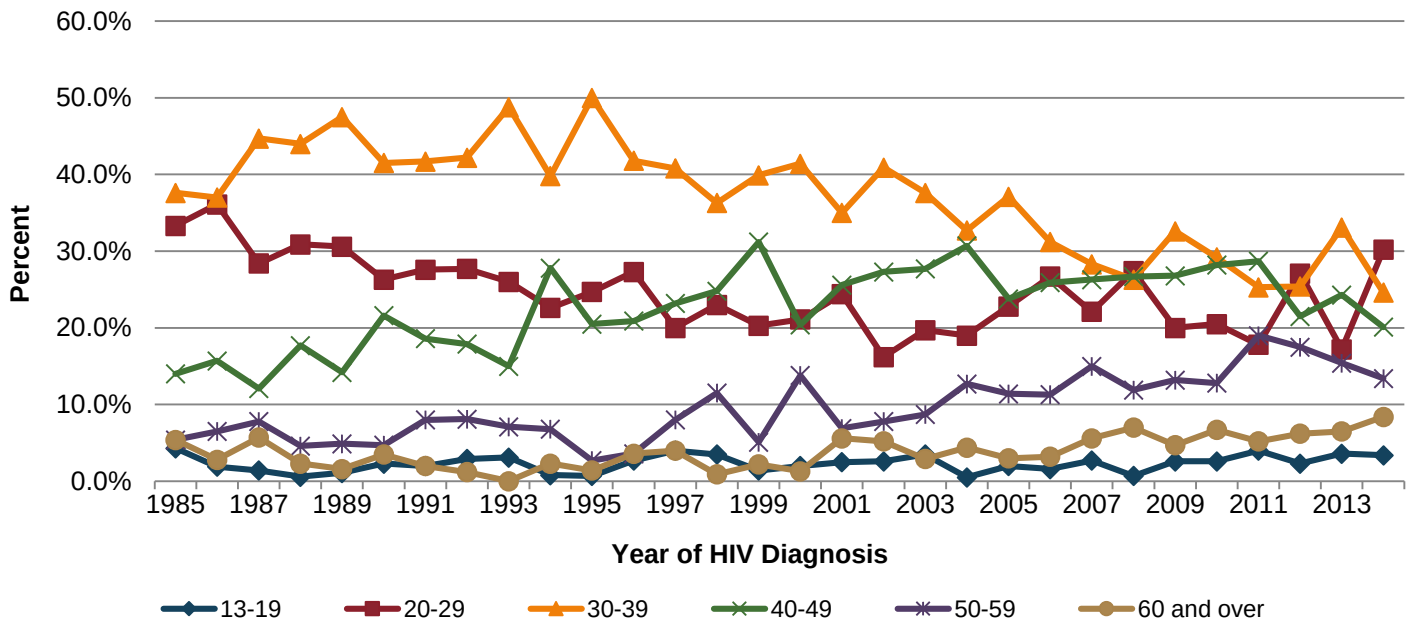


Non-Hispanic Other race not shown

Year of HIV Diagnosis	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	36	5.6%	38.9%	52.8%	2.8%
1985	93	3.2%	28.0%	62.4%	6.5%
1986	108	6.5%	29.6%	61.1%	2.8%
1987	141	3.5%	29.1%	67.4%	0.0%
1988	175	9.7%	34.3%	52.6%	3.4%
1989	183	6.6%	38.3%	52.5%	2.7%
1990	171	7.0%	43.9%	46.8%	2.3%
1991	199	12.6%	46.2%	40.2%	1.0%
1992	173	11.0%	49.7%	36.4%	2.9%
1993	127	14.2%	51.2%	32.3%	2.4%
1994	133	12.8%	51.9%	33.1%	2.3%
1995	146	11.0%	54.8%	31.5%	2.7%
1996	110	16.4%	61.8%	16.4%	5.5%
1997	125	9.6%	64.0%	25.6%	0.8%
1998	113	3.5%	66.4%	25.7%	4.4%
1999	138	9.4%	63.0%	20.3%	7.2%
2000	152	13.8%	61.2%	19.1%	5.9%
2001	160	13.8%	68.1%	14.4%	3.8%
2002	154	10.4%	64.3%	15.6%	9.7%
2003	173	13.3%	68.8%	13.9%	4.0%
2004	205	7.3%	72.7%	14.1%	5.9%
2005	202	12.4%	69.8%	11.9%	5.9%
2006	247	13.0%	63.2%	17.8%	6.1%
2007	339	14.5%	60.5%	18.0%	7.1%
2008	270	14.1%	64.4%	14.8%	6.7%
2009	190	13.7%	68.4%	12.1%	5.8%
2010	195	14.4%	59.0%	22.6%	4.1%
2011	174	12.6%	63.8%	16.7%	6.9%
2012	177	16.4%	59.3%	14.7%	9.6%
2013	169	14.2%	66.3%	13.0%	6.5%
2014	179	18.4%	53.1%	21.2%	7.3%
Total	5,157	11.7%	56.9%	26.5%	4.9%

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

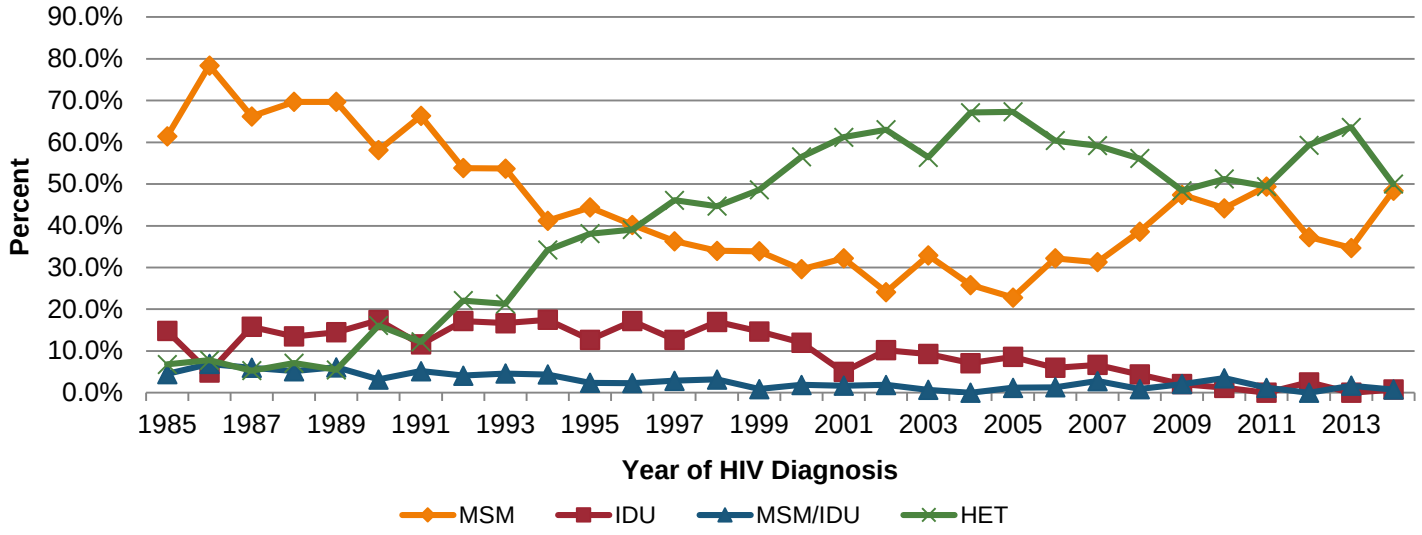
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2014, as Reported through 12/31/2015



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	36	5.6%	30.6%	30.6%	19.4%	8.3%	5.6%
1985	93	4.3%	33.3%	37.6%	14.0%	5.4%	5.4%
1986	108	1.9%	36.1%	37.0%	15.7%	6.5%	2.8%
1987	141	1.4%	28.4%	44.7%	12.1%	7.8%	5.7%
1988	175	0.6%	30.9%	44.0%	17.7%	4.6%	2.3%
1989	183	1.1%	30.6%	47.5%	14.2%	4.9%	1.6%
1990	171	2.3%	26.3%	41.5%	21.6%	4.7%	3.5%
1991	199	2.0%	27.6%	41.7%	18.6%	8.0%	2.0%
1992	173	2.9%	27.7%	42.2%	17.9%	8.1%	1.2%
1993	127	3.1%	26.0%	48.8%	15.0%	7.1%	0.0%
1994	133	0.8%	22.6%	39.8%	27.8%	6.8%	2.3%
1995	146	0.7%	24.7%	50.0%	20.5%	2.7%	1.4%
1996	110	2.7%	27.3%	41.8%	20.9%	3.6%	3.6%
1997	125	4.0%	20.0%	40.8%	23.2%	8.0%	4.0%
1998	113	3.5%	23.0%	36.3%	24.8%	11.5%	0.9%
1999	138	1.4%	20.3%	39.9%	31.2%	5.1%	2.2%
2000	152	2.0%	21.1%	41.4%	20.4%	13.8%	1.3%
2001	160	2.5%	24.4%	35.0%	25.6%	6.9%	5.6%
2002	154	2.6%	16.2%	40.9%	27.3%	7.8%	5.2%
2003	173	3.5%	19.7%	37.6%	27.7%	8.7%	2.9%
2004	205	0.5%	19.0%	32.7%	30.7%	12.7%	4.4%
2005	202	2.0%	22.8%	37.1%	23.8%	11.4%	3.0%
2006	247	1.6%	26.7%	31.2%	25.9%	11.3%	3.2%
2007	339	2.7%	22.1%	28.3%	26.3%	15.0%	5.6%
2008	270	0.7%	27.4%	26.3%	26.7%	11.9%	7.0%
2009	190	2.6%	20.0%	32.6%	26.8%	13.2%	4.7%
2010	195	2.6%	20.5%	29.2%	28.2%	12.8%	6.7%
2011	174	4.0%	17.8%	25.3%	28.7%	19.0%	5.2%
2012	177	2.3%	27.1%	25.4%	21.5%	17.5%	6.2%
2013	169	3.6%	17.2%	33.1%	24.3%	15.4%	6.5%
2014	179	3.4%	30.2%	24.6%	20.1%	13.4%	8.4%
Total	5,157	2.2%	24.4%	36.1%	23.2%	10.1%	4.0%

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	36	33	75.8%	9.1%	6.1%	3.0%	6.1%
1985	93	88	61.4%	14.8%	4.5%	6.8%	12.5%
1986	108	102	78.4%	4.9%	6.9%	7.8%	2.0%
1987	141	133	66.2%	15.8%	6.0%	5.3%	6.8%
1988	175	155	69.7%	13.5%	5.2%	7.1%	4.5%
1989	183	165	69.7%	14.5%	6.1%	5.5%	4.2%
1990	171	155	58.1%	17.4%	3.2%	16.1%	5.2%
1991	199	172	66.3%	11.6%	5.2%	12.2%	4.7%
1992	173	145	53.8%	17.2%	4.1%	22.1%	2.8%
1993	127	108	53.7%	16.7%	4.6%	21.3%	3.7%
1994	133	114	41.2%	17.5%	4.4%	34.2%	2.6%
1995	146	126	44.4%	12.7%	2.4%	38.1%	2.4%
1996	110	87	40.2%	17.2%	2.3%	39.1%	1.1%
1997	125	102	36.3%	12.7%	2.9%	46.1%	2.0%
1998	113	94	34.0%	17.0%	3.2%	44.7%	1.1%
1999	138	109	33.9%	14.7%	0.9%	48.6%	1.8%
2000	152	108	29.6%	12.0%	1.9%	56.5%	0.0%
2001	160	121	32.2%	5.0%	1.7%	61.2%	0.0%
2002	154	108	24.1%	10.2%	1.9%	63.0%	0.9%
2003	173	140	32.9%	9.3%	0.7%	56.4%	0.7%
2004	205	155	25.8%	7.1%	0.0%	67.1%	0.0%
2005	202	162	22.8%	8.6%	1.2%	67.3%	0.0%
2006	247	149	32.2%	6.0%	1.3%	60.4%	0.0%
2007	339	179	31.3%	6.7%	2.8%	59.2%	0.0%
2008	270	114	38.6%	4.4%	0.9%	56.1%	0.0%
2009	190	95	47.4%	2.1%	2.1%	48.4%	0.0%
2010	195	86	44.2%	1.2%	3.5%	51.2%	0.0%
2011	174	83	49.4%	0.0%	1.2%	49.4%	0.0%
2012	177	118	37.3%	2.5%	0.0%	59.3%	0.8%
2013	169	118	34.7%	0.0%	1.7%	63.6%	0.0%
2014	179	122	48.4%	0.8%	0.8%	50.0%	0.0%
Total	5,157	3,746	45.1%	10.0%	2.9%	40.0%	2.1%

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

Jurisdiction of Residence at HIV Diagnosis	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses									
		No. with HIV Diagnosis	% 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
20705	154	0	0.0%	0.0	--	--	--	--	--	--	--
20707	281	0	0.0%	0.0	--	--	--	--	--	--	--
20777	41	0	0.0%	0.0	--	--	--	--	--	--	--
20812	216	0	0.0%	0.0	--	--	--	--	--	--	--
20814	25,333	3	1.7%	11.8	***	***	***	***	***	***	***
20815	26,265	5	2.8%	19.0	5	100.0%	***	***	5	100.0%	358
20816	13,986	1	0.6%	7.2	***	***	***	***	***	***	***
20817	31,449	0	0.0%	0.0	--	--	--	--	--	--	--
20818	1,770	0	0.0%	0.0	--	--	--	--	--	--	--
20832	21,991	1	0.6%	4.5	***	***	***	***	***	***	***
20833	6,609	0	0.0%	0.0	--	--	--	--	--	--	--
20837	5,120	0	0.0%	0.0	--	--	--	--	--	--	--
20838	234	0	0.0%	0.0	--	--	--	--	--	--	--
20839	197	0	0.0%	0.0	--	--	--	--	--	--	--
20841	8,682	1	0.6%	11.5	***	***	***	***	***	***	***
20842	1,367	0	0.0%	0.0	--	--	--	--	--	--	--
20850	41,293	5	2.8%	12.1	5	100.0%	3	60.0%	5	100.0%	160
20851	12,734	1	0.6%	7.9	***	***	***	***	***	***	***
20852	37,378	4	2.2%	10.7	***	***	***	***	***	***	***
20853	26,317	4	2.2%	15.2	***	***	***	***	***	***	***
20854	43,778	4	2.2%	9.1	***	***	***	***	***	***	***
20855	12,934	2	1.1%	15.5	***	***	***	***	***	***	***
20860	2,155	0	0.0%	0.0	--	--	--	--	--	--	--
20861	1,683	0	0.0%	0.0	--	--	--	--	--	--	--
20862	324	0	0.0%	0.0	--	--	--	--	--	--	--
20866	11,563	3	1.7%	25.9	***	***	***	***	***	***	***
20868	703	0	0.0%	0.0	--	--	--	--	--	--	--
20871	10,219	0	0.0%	0.0	--	--	--	--	--	--	--
20872	11,345	1	0.6%	8.8	***	***	***	***	***	***	***
20874	49,082	9	5.0%	18.3	6	66.7%	***	***	8	88.9%	530
20876	21,578	2	1.1%	9.3	***	***	***	***	***	***	***
20877	29,711	11	6.1%	37.0	7	63.6%	6	54.5%	9	81.8%	149
20878	54,199	6	3.4%	11.1	6	100.0%	***	***	6	100.0%	260
20879	21,126	3	1.7%	14.2	***	***	***	***	***	***	***
20880	418	0	0.0%	0.0	--	--	--	--	--	--	--
20882	12,453	4	2.2%	32.1	***	***	***	***	***	***	***
20886	29,009	6	3.4%	20.7	6	100.0%	***	***	6	100.0%	482
20895	16,470	3	1.7%	18.2	***	***	***	***	***	***	***
20896	793	0	0.0%	0.0	--	--	--	--	--	--	--
20899	147	0	0.0%	0.0	--	--	--	--	--	--	--
20901	30,133	13	7.3%	43.1	8	61.5%	***	***	11	84.6%	316
20902	42,433	14	7.8%	33.0	13	92.9%	***	***	12	85.7%	389

20903	15,571	2	1.1%	12.8	***	***	***	***	***	***	***
20904	47,961	19	10.6%	39.6	17	89.5%	10	52.6%	18	94.7%	178
20905	16,210	1	0.6%	6.2	***	***	***	***	***	***	***
20906	58,151	21	11.7%	36.1	16	76.2%	10	47.6%	17	81.0%	225
20910	34,587	19	10.6%	54.9	16	84.2%	5	26.3%	18	94.7%	353
20912	18,790	10	5.6%	53.2	8	80.0%	6	60.0%	10	100.0%	149
21771	227	***	***	***	***	***	***	***	***	***	***
Unknown	--	1	0.6%	--	1	100.0%	0	0.0%	1	100.0%	252
TOTAL	855,169	179	100.0%	20.9	144	80.4%	62	34.6%	151	84.4%	293

*** 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
20705	154	0	0.0%	0.0	--	--
20707	281	0	0.0%	0.0	--	--
20777	41	0	0.0%	0.0	--	--
20812	216	0	0.0%	0.0	--	--
20814	25,333	1	1.1%	3.9	***	***
20815	26,265	2	2.3%	7.6	***	***
20816	13,986	0	0.0%	0.0	--	--
20817	31,449	0	0.0%	0.0	--	--
20818	1,770	0	0.0%	0.0	--	--
20832	21,991	1	1.1%	4.5	***	***
20833	6,609	0	0.0%	0.0	--	--
20837	5,120	0	0.0%	0.0	--	--
20838	234	0	0.0%	0.0	--	--
20839	197	0	0.0%	0.0	--	--
20841	8,682	0	0.0%	0.0	--	--
20842	1,367	0	0.0%	0.0	--	--
20850	41,293	3	3.4%	7.3	***	***
20851	12,734	0	0.0%	0.0	--	--
20852	37,378	0	0.0%	0.0	--	--
20853	26,317	2	2.3%	7.6	***	***
20854	43,778	0	0.0%	0.0	--	--
20855	12,934	0	0.0%	0.0	--	--
20860	2,155	0	0.0%	0.0	--	--
20861	1,683	0	0.0%	0.0	--	--
20862	324	0	0.0%	0.0	--	--
20866	11,563	3	3.4%	25.9	***	***
20868	703	0	0.0%	0.0	--	--
20871	10,219	1	1.1%	9.8	***	***
20872	11,345	1	1.1%	8.8	***	***
20874	49,082	5	5.7%	10.2	4.1	60.0%
20876	21,578	0	0.0%	0.0	--	--
20877	29,711	4	4.6%	13.5	***	***
20878	54,199	3	3.4%	5.5	***	***
20879	21,126	1	1.1%	4.7	***	***
20880	418	0	0.0%	0.0	--	--
20882	12,453	0	0.0%	0.0	--	--
20886	29,009	2	2.3%	6.9	***	***
20895	16,470	2	2.3%	12.1	***	***
20896	793	0	0.0%	0.0	--	--
20899	147	0	0.0%	0.0	--	--
20901	30,133	3	3.4%	10.0	***	***
20902	42,433	5	5.7%	11.8	1.9	60.0%
20903	15,571	2	2.3%	12.8	***	***
20904	47,961	17	19.5%	35.4	2.2	64.7%
20905	16,210	1	1.1%	6.2	***	***

20906	58,151	12	13.8%	20.6	0.9	83.3%
20910	34,587	7	8.0%	20.2	1.3	71.4%
20912	18,790	9	10.3%	47.9	0.9	77.8%
21771	227	0	0.0%	0.0	--	--
Unknown	--	0	0.0%	0.0	--	--
TOTAL	855,169	87	100.0%	10.2	2.0	74.7%

*** 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 age13 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)
20705	154	***	***	***	***	***	***	***	***	***	***
20707	281	***	***	***	***	***	***	***	***	***	***
20777	41	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
20812	216	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
20814	25,333	30	1.8%	118.4	25	1.3%	98.7	55	1.5%	217.1	--
20815	26,265	18	1.1%	68.5	19	1.0%	72.3	37	1.0%	140.9	709
20816	13,986	17	1.0%	121.6	8	0.4%	57.2	25	0.7%	178.8	559
20817	31,449	24	1.5%	76.3	16	0.8%	50.9	40	1.1%	127.2	786
20818	1,770	3	0.2%	169.5	3	0.2%	169.5	6	0.2%	339.0	294
20832	21,991	14	0.9%	63.7	10	0.5%	45.5	24	0.7%	109.1	916
20833	6,609	5	0.3%	75.7	2	0.1%	30.3	7	0.2%	105.9	944
20837	5,120	2	0.1%	39.1	3	0.2%	58.6	5	0.1%	97.7	--
20838	234	***	***	***	***	***	***	***	***	***	***
20839	197	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
20841	8,682	8	0.5%	92.1	3	0.2%	34.6	11	0.3%	126.7	--
20842	1,367	1	0.1%	73.1	1	0.1%	73.1	2	0.1%	146.3	683
20850	41,293	58	3.6%	140.5	62	3.2%	150.1	120	3.4%	290.6	344
20851	12,734	25	1.5%	196.3	11	0.6%	86.4	36	1.0%	282.7	--
20852	37,378	69	4.2%	184.6	50	2.6%	133.8	119	3.3%	318.4	--
20853	26,317	23	1.4%	87.4	41	2.1%	155.8	64	1.8%	243.2	--
20854	43,778	35	2.2%	79.9	18	0.9%	41.1	53	1.5%	121.1	826
20855	12,934	15	0.9%	116.0	15	0.8%	116.0	30	0.8%	232.0	431
20860	2,155	0	0.0%	0.0	4	0.2%	185.6	4	0.1%	185.6	538
20861	1,683	1	0.1%	59.4	2	0.1%	118.8	3	0.1%	178.3	560
20862	324	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
20866	11,563	27	1.7%	233.5	30	1.6%	259.4	57	1.6%	493.0	202
20868	703	0	0.0%	0.0	***	***	***	***	***	***	***
20871	10,219	4	0.2%	39.1	12	0.6%	117.4	16	0.5%	156.6	638
20872	11,345	11	0.7%	97.0	7	0.4%	61.7	18	0.5%	158.7	630
20874	49,082	104	6.4%	211.9	90	4.7%	183.4	194	5.5%	395.3	253
20876	21,578	33	2.0%	152.9	23	1.2%	106.6	56	1.6%	259.5	385
20877	29,711	70	4.3%	235.6	99	5.1%	333.2	169	4.8%	568.8	--
20878	54,199	46	2.8%	84.9	65	3.4%	119.9	111	3.1%	204.8	488
20879	21,126	32	2.0%	151.5	49	2.5%	231.9	81	2.3%	383.4	260
20880	418	***	***	***	***	***	***	***	***	***	***
20882	12,453	12	0.7%	96.4	7	0.4%	56.2	19	0.5%	152.6	655
20886	29,009	40	2.5%	137.9	64	3.3%	220.6	104	2.9%	358.5	278
20895	16,470	15	0.9%	91.1	26	1.3%	157.9	41	1.2%	248.9	401
20896	793	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0
20899	147	***	***	***	***	***	***	***	***	***	***
20901	30,133	84	5.2%	278.8	93	4.8%	308.6	177	5.0%	587.4	170
20902	42,433	116	7.1%	273.4	154	8.0%	362.9	270	7.6%	636.3	--
20903	15,571	60	3.7%	385.3	93	4.8%	597.3	153	4.3%	982.6	101
20904	47,961	173	10.7%	360.7	220	11.4%	458.7	393	11.1%	819.4	122
20905	16,210	16	1.0%	98.7	21	1.1%	129.5	37	1.0%	228.3	438

20906	58,151	145	8.9%	249.3	177	9.2%	304.4	322	9.1%	553.7	180
20910	34,587	152	9.4%	439.5	184	9.5%	532.0	336	9.5%	971.5	102
20912	18,790	103	6.3%	548.2	174	9.0%	926.0	277	7.8%	1,474.2	67
21771	227	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0
Unknown	--	25	1.5%	--	46	2.4%	--	71	2.0%	--	--
TOTAL	855,169	1,624	100.0%	189.9	1,930	100.0%	225.7	3,554	100.0%	415.6	240

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

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	
20705	154	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20707	281	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20777	41	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20812	216	0	0.0%	0.0	--	0	0.0%	0.0	--	--	0	0.0%	0.0	--	--
20814	25,333	55	1.5%	217.1	460	60	1.6%	236.8	422	9.1%	51	1.8%	201.3	496	-7.3%
20815	26,265	37	1.0%	140.9	709	39	1.0%	148.5	673	5.4%	25	0.9%	95.2	1,050	-32.4%
20816	13,986	25	0.7%	178.8	559	30	0.8%	214.5	466	20.0%	22	0.8%	157.3	635	-12.0%
20817	31,449	40	1.1%	127.2	786	39	1.0%	124.0	806	-2.5%	24	0.9%	76.3	1,310	-40.0%
20818	1,770	6	0.2%	339.0	294	4	0.1%	226.0	442	-33.3%	4	0.1%	226.0	442	-33.3%
20832	21,991	24	0.7%	109.1	916	46	1.2%	209.2	478	91.7%	35	1.3%	159.2	628	45.8%
20833	6,609	7	0.2%	105.9	944	9	0.2%	136.2	734	28.6%	8	0.3%	121.0	826	14.3%
20837	5,120	5	0.1%	97.7	1,023	7	0.2%	136.7	731	40.0%	7	0.3%	136.7	731	40.0%
20838	234	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20839	197	0	0.0%	0.0	--	0	0.0%	0.0	--	--	0	0.0%	0.0	--	--
20841	8,682	11	0.3%	126.7	789	10	0.3%	115.2	868	-9.1%	8	0.3%	92.1	1,085	-27.3%
20842	1,367	2	0.1%	146.3	683	1	0.0%	73.1	1,367	-50.0%	1	0.0%	73.1	1,367	-50.0%
20850	41,293	120	3.4%	290.6	344	123	3.3%	297.9	335	2.5%	87	3.1%	210.7	474	-27.5%
20851	12,734	36	1.0%	282.7	353	52	1.4%	408.4	244	44.4%	41	1.5%	322.0	310	13.9%
20852	37,378	119	3.3%	318.4	314	125	3.4%	334.4	299	5.0%	90	3.3%	240.8	415	-24.4%
20853	26,317	64	1.8%	243.2	411	89	2.4%	338.2	295	39.1%	77	2.8%	292.6	341	20.3%
20854	43,778	53	1.5%	121.1	826	60	1.6%	137.1	729	13.2%	32	1.2%	73.1	1,368	-39.6%
20855	12,934	30	0.8%	232.0	431	18	0.5%	139.2	718	-40.0%	13	0.5%	100.5	994	-56.7%
20860	2,155	4	0.1%	185.6	538	2	0.1%	92.8	1,077	-50.0%	1	0.0%	46.4	2,155	-75.0%
20861	1,683	3	0.1%	178.3	560	4	0.1%	237.7	420	33.3%	3	0.1%	178.3	560	0.0%
20862	324	0	0.0%	0.0	--	0	0.0%	0.0	--	--	0	0.0%	0.0	--	--
20866	11,563	57	1.6%	493.0	202	71	1.9%	614.0	162	24.6%	58	2.1%	501.6	199	1.8%
20868	703	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20871	10,219	16	0.5%	156.6	638	27	0.7%	264.2	378	68.8%	26	0.9%	254.4	393	62.5%
20872	11,345	18	0.5%	158.7	630	18	0.5%	158.7	630	0.0%	11	0.4%	97.0	1,031	-38.9%
20874	49,082	194	5.5%	395.3	253	211	5.7%	429.9	232	8.8%	160	5.8%	326.0	306	-17.5%
20876	21,578	56	1.6%	259.5	385	74	2.0%	342.9	291	32.1%	63	2.3%	292.0	342	12.5%
20877	29,711	169	4.8%	568.8	175	150	4.0%	504.9	198	-11.2%	115	4.2%	387.1	258	-32.0%
20878	54,199	111	3.1%	204.8	488	106	2.8%	195.6	511	-4.5%	80	2.9%	147.6	677	-27.9%

20879	21,126	81	2.3%	383.4	260	83	2.2%	392.9	254	2.5%	59	2.1%	279.3	358	-27.2%
20880	418	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20882	12,453	19	0.5%	152.6	655	21	0.6%	168.6	592	10.5%	16	0.6%	128.5	778	-15.8%
20886	29,009	104	2.9%	358.5	278	128	3.4%	441.2	226	23.1%	105	3.8%	362.0	276	1.0%
20895	16,470	41	1.2%	248.9	401	48	1.3%	291.4	343	17.1%	37	1.3%	224.6	445	-9.8%
20896	793	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20899	147	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20901	30,133	177	5.0%	587.4	170	213	5.7%	706.9	141	20.3%	167	6.0%	554.2	180	-5.6%
20902	42,433	270	7.6%	636.3	157	254	6.8%	598.6	167	-5.9%	187	6.8%	440.7	226	-30.7%
20903	15,571	153	4.3%	982.6	101	122	3.3%	783.5	127	-20.3%	84	3.0%	539.5	185	-45.1%
20904	47,961	393	11.1%	819.4	122	410	11.0%	854.9	116	4.3%	330	11.9%	688.1	145	-16.0%
20905	16,210	37	1.0%	228.3	438	35	0.9%	215.9	463	-5.4%	28	1.0%	172.7	578	-24.3%
20906	58,151	322	9.1%	553.7	180	365	9.8%	627.7	159	13.4%	277	10.0%	476.3	209	-14.0%
20910	34,587	336	9.5%	971.5	102	344	9.2%	994.6	100	2.4%	239	8.6%	691.0	144	-28.9%
20912	18,790	277	7.8%	1,474.2	67	230	6.2%	1,224.1	81	-17.0%	149	5.4%	793.0	126	-46.2%
21771	227	0	0.0%	0.0	--	***	***	***	***	***	***	***	***	***	***
Unknown	--	71	2.0%	--	--	78	2.1%	--	--	9.9%	37	1.3%	--	--	-47.9%
TOTAL	855,169	3,554	100.0%	415.6	240	3,722	100.0%	435.2	229	4.7%	2,766	100.0%	323.4	309	-22.2%

*** 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+
20705	***	***	***	***	***	***	***	***
20707	***	***	***	***	***	***	***	***
20777	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
20812	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
20814	55	24	43.6%	545	8.3%	16.7%	16.7%	58.3%
20815	37	19	51.4%	525	10.5%	15.8%	21.1%	52.6%
20816	25	13	52.0%	638	0.0%	15.4%	7.7%	76.9%
20817	40	16	40.0%	489	0.0%	25.0%	31.3%	43.8%
20818	6	***	***	***	***	***	***	***
20832	24	13	54.2%	471	7.7%	15.4%	30.8%	46.2%
20833	7	***	***	***	***	***	***	***
20837	5	5	100.0%	442	0.0%	20.0%	60.0%	20.0%
20838	***	***	***	***	***	***	***	***
20839	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
20841	11	6	54.5%	550	16.7%	0.0%	0.0%	83.3%
20842	2	***	***	***	***	***	***	***
20850	120	51	42.5%	573	13.7%	7.8%	17.6%	60.8%
20851	36	17	47.2%	596	5.9%	0.0%	17.6%	76.5%
20852	119	43	36.1%	588	4.7%	7.0%	18.6%	69.8%
20853	64	37	57.8%	551	5.4%	21.6%	16.2%	56.8%
20854	53	12	22.6%	576	0.0%	8.3%	25.0%	66.7%
20855	30	14	46.7%	496	0.0%	21.4%	28.6%	50.0%
20860	4	***	***	***	***	***	***	***
20861	3	***	***	***	***	***	***	***
20862	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
20866	57	32	56.1%	553	6.3%	12.5%	18.8%	62.5%
20868	***	***	***	***	***	***	***	***
20871	16	8	50.0%	480	25.0%	0.0%	25.0%	50.0%
20872	18	5	27.8%	605	20.0%	0.0%	0.0%	80.0%
20874	194	91	46.9%	541	12.1%	12.1%	20.9%	54.9%
20876	56	29	51.8%	606	3.4%	10.3%	13.8%	72.4%
20877	169	98	58.0%	499	14.3%	15.3%	20.4%	50.0%
20878	111	61	55.0%	499	9.8%	18.0%	23.0%	49.2%
20879	81	41	50.6%	553	12.2%	14.6%	14.6%	58.5%
20880	***	***	***	***	***	***	***	***
20882	19	10	52.6%	619	0.0%	30.0%	10.0%	60.0%
20886	104	64	61.5%	509	10.9%	12.5%	26.6%	50.0%
20895	41	22	53.7%	587	13.6%	4.5%	22.7%	59.1%
20896	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
20899	***	***	***	***	***	***	***	***
20901	177	85	48.0%	552	10.6%	15.3%	17.6%	56.5%
20902	270	149	55.2%	525	8.7%	16.1%	22.1%	53.0%
20903	153	69	45.1%	499	7.2%	20.3%	23.2%	49.3%
20904	393	208	52.9%	526	11.5%	17.8%	17.3%	53.4%

20905	37	21	56.8%	545	19.0%	9.5%	14.3%	57.1%
20906	322	169	52.5%	536	10.7%	14.2%	16.6%	58.6%
20910	336	155	46.1%	561	8.4%	14.2%	20.6%	56.8%
20912	277	137	49.5%	503	19.0%	12.4%	18.2%	50.4%
21771	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
Unknown	71	19	26.8%	508	10.5%	10.5%	26.3%	52.6%
TOTAL	3,554	1,758	49.5%	538	10.5%	14.4%	19.5%	55.6%

*** 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
20705	***	***	***	***	***
20707	***	***	***	***	***
20777	0	0	0.0%	0.0%	--
20812	0	0	0.0%	0.0%	--
20814	55	23	41.8%	95.7%	128,290
20815	37	20	54.1%	90.0%	1,619
20816	25	12	48.0%	91.7%	1,995
20817	40	17	42.5%	100.0%	--
20818	6	5	83.3%	80.0%	1,520
20832	24	12	50.0%	83.3%	137,553
20833	7	***	***	***	***
20837	5	5	100.0%	80.0%	460
20838	***	***	***	***	***
20839	0	0	0.0%	0.0%	--
20841	11	5	45.5%	60.0%	71,951
20842	2	***	***	***	***
20850	120	49	40.8%	81.6%	--
20851	36	17	47.2%	88.2%	251,900
20852	119	48	40.3%	87.5%	19,005
20853	64	38	59.4%	92.1%	471
20854	53	13	24.5%	69.2%	45,428
20855	30	15	50.0%	86.7%	21,203
20860	4	***	***	***	***
20861	3	***	***	***	***
20862	0	0	0.0%	0.0%	--
20866	57	31	54.4%	83.9%	17,190
20868	***	***	***	***	***
20871	16	7	43.8%	85.7%	469,665
20872	18	***	***	***	***
20874	194	95	49.0%	85.3%	18,585
20876	56	29	51.8%	79.3%	61,514
20877	169	99	58.6%	78.8%	9,820
20878	111	60	54.1%	88.3%	6,816
20879	81	39	48.1%	89.7%	15,320
20880	***	***	***	***	***
20882	19	9	47.4%	88.9%	2,770
20886	104	64	61.5%	84.4%	16,239
20895	41	22	53.7%	90.9%	32,920
20896	0	0	0.0%	0.0%	--
20899	***	***	***	***	***
20901	177	83	46.9%	86.7%	28,289
20902	270	147	54.4%	83.7%	2,605
20903	153	71	46.4%	87.3%	2,360
20904	393	200	50.9%	82.0%	3,556
20905	37	21	56.8%	85.7%	72,692
20906	322	173	53.7%	78.0%	4,707

20910	336	158	47.0%	85.4%	8,420
20912	277	142	51.3%	84.5%	31,398
21771	0	0	0.0%	0.0%	--
Unknown	71	14	19.7%	71.4%	29,857
TOTAL	3,554	1,759	49.5%	84.3%	8,501

*** 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.

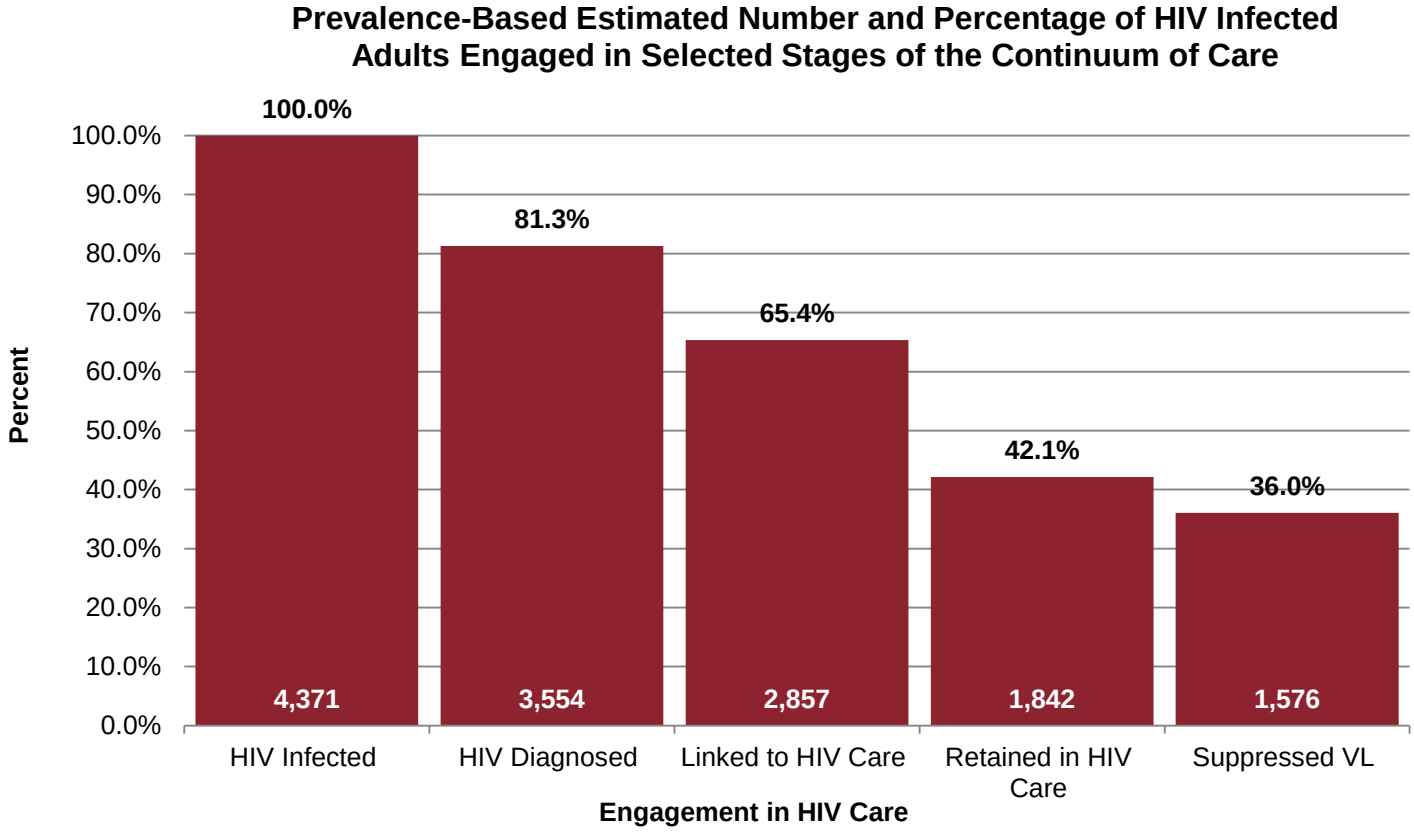
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

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



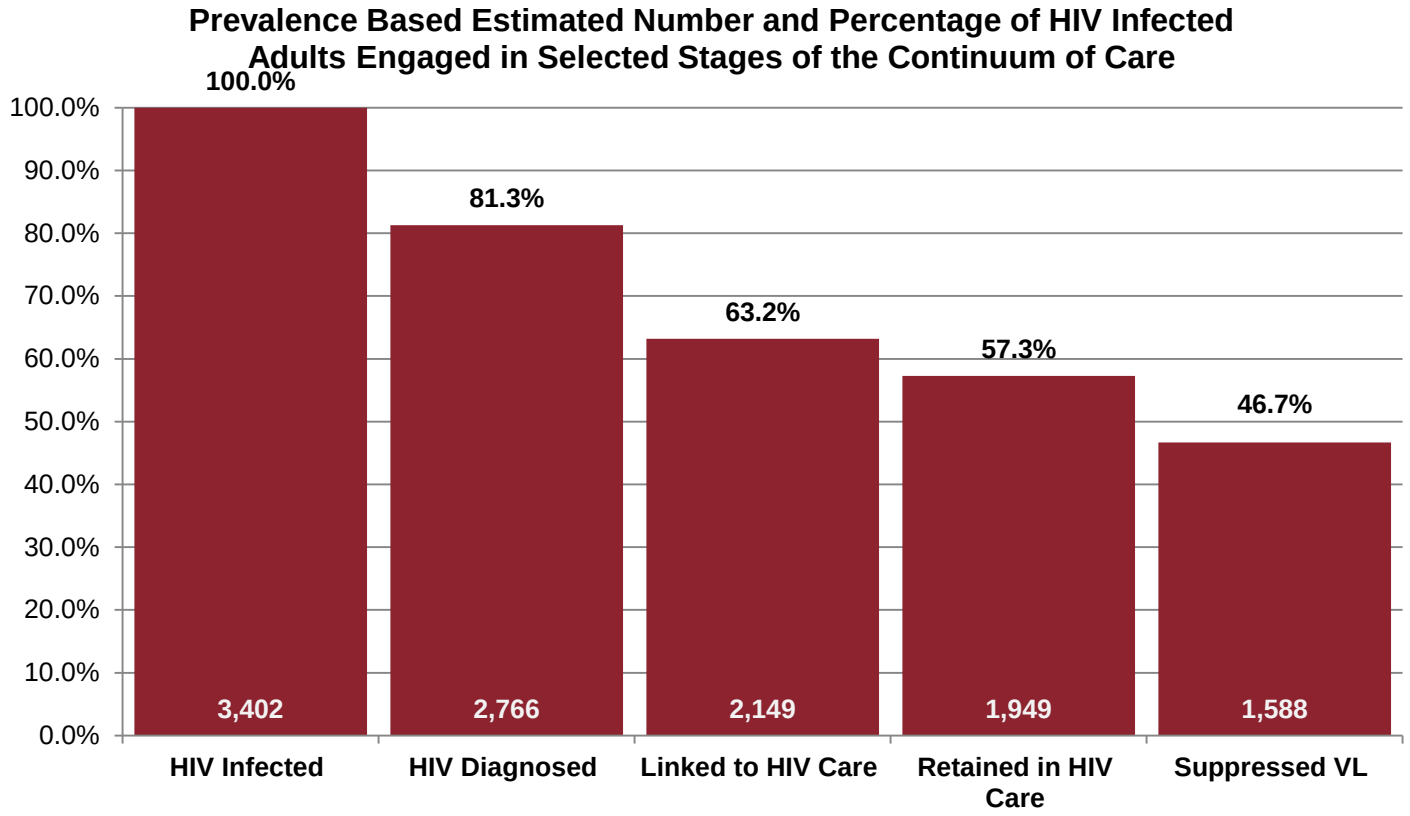
Continuum of Care Stage	Number	Percentage
HIV Infected	4,371	100.0%
HIV Diagnosed	3,554	81.3%
Linked to HIV Care	2,857	65.4%
Retained in HIV Care	1,842	42.1%
Suppressed VL	1,576	36.0%

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 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

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



Continuum of Care Stage	Number	Percentage
HIV Infected	3,402	100.0%
HIV Diagnosed	2,766	81.3%
Linked to HIV Care	2,149	63.2%
Retained in HIV Care	1,949	57.3%
Suppressed VL	1,588	46.7%

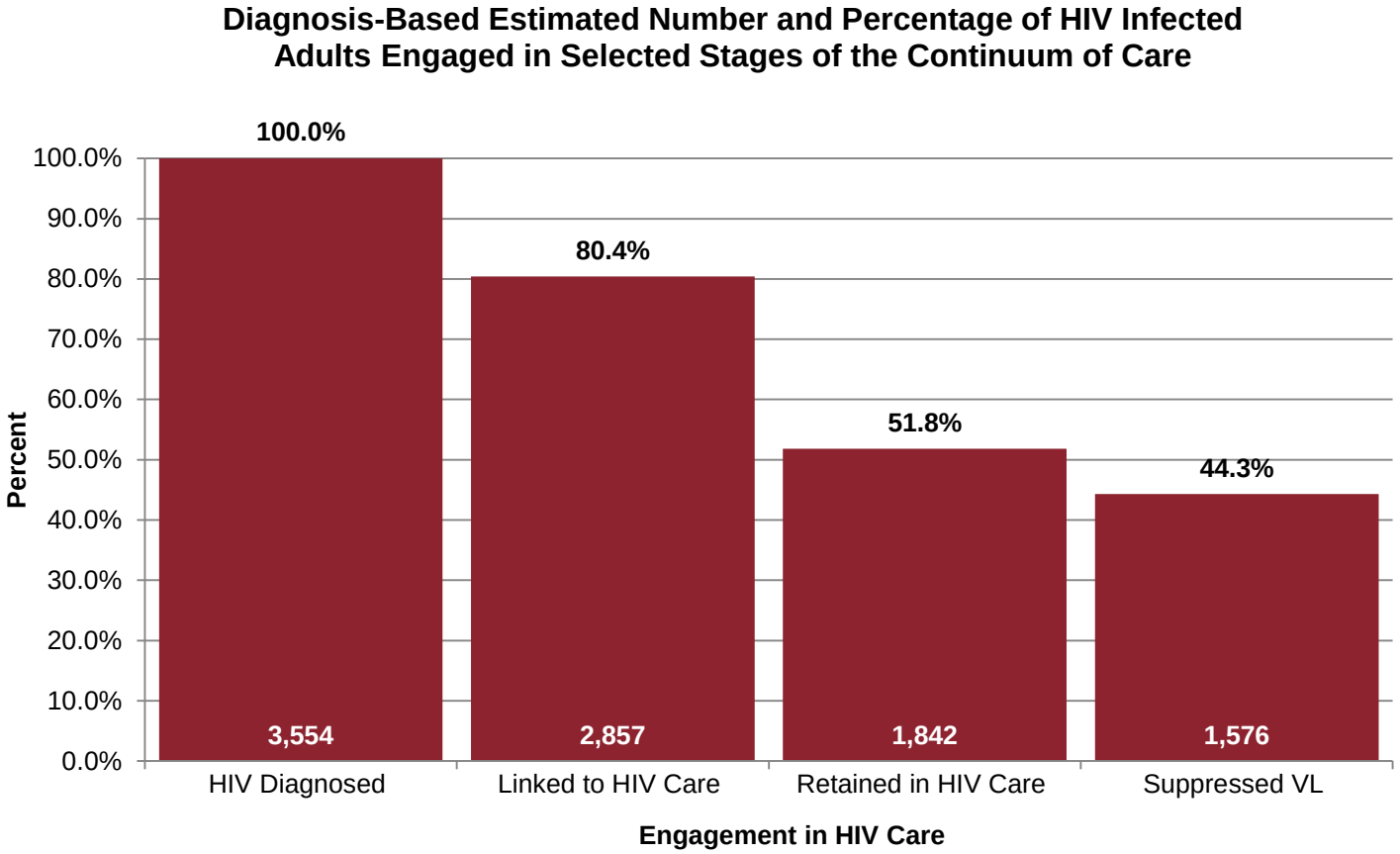
HIV Infected: HIV Diagnosed divided by one minus the estimate of undiagnosed HIV infections (18.7%) in Maryland.
HIV Diagnosed: Adult/adolescent total living HIV cases as of December 31st of the specified year.
Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV 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 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] Centers for Disease Control and Prevention, Morbidity and Mortality Weekly Report, June 26, 2015.

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

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



Continuum of Care Stage	Number	Percentage
HIV Diagnosed	3,554	100.0%
Linked to HIV Care	2,857	80.4%
Retained in HIV Care	1,842	51.8%
Suppressed VL	1,576	44.3%

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

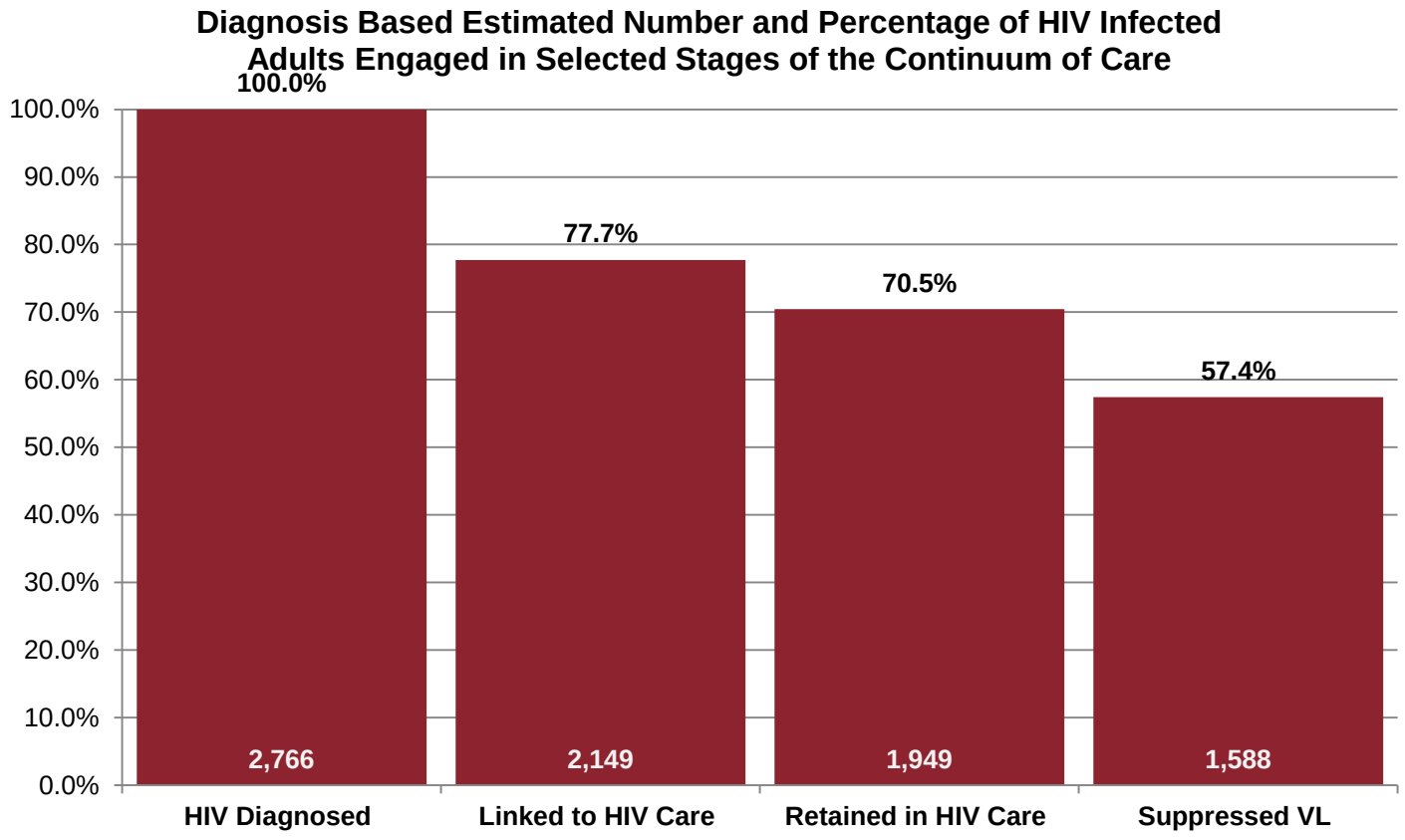
Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Retained in HIV Care: HIV Diagnosed with a CD4 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.

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

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



Continuum of Care Stage	Number	Percentage
HIV Diagnosed	2,766	100.0%
Linked to HIV Care	2,149	77.7%
Retained in HIV Care	1,949	70.5%
Suppressed VL	1,588	57.4%

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 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)	67,326	1	0.6%	1.5	***	***	***	***	***	***	***
5-12 (Pediatric)	107,952	0	0.0%	0.0	--	--	--	--	--	--	--
13-19	89,876	6	3.3%	6.7	***	***	***	***	***	***	***
20-29	125,083	54	30.0%	43.2	43	79.6%	19	35.2%	48	88.9%	344
30-39	143,129	44	24.4%	30.7	34	77.3%	15	34.1%	39	88.6%	298
40-49	146,457	36	20.0%	24.6	30	83.3%	18	50.0%	26	72.2%	135
50-59	149,653	24	13.3%	16.0	20	83.3%	7	29.2%	21	87.5%	441
60+	200,971	15	8.3%	7.5	12	80.0%	***	***	12	80.0%	318
Total	1,030,447	180	100.0%	17.5	145	80.6%	62	34.4%	152	84.4%	296

*** 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)	67,326	0	0.0%	0.0	--	--
5-12 (Pediatric)	107,952	0	0.0%	0.0	--	--
13-19	89,876	0	0.0%	0.0	--	--
20-29	125,083	18	20.7%	14.4	0.1	100.0%
30-39	143,129	25	28.7%	17.5	1.9	60.0%
40-49	146,457	29	33.3%	19.8	3.1	75.9%
50-59	149,653	9	10.3%	6.0	2.2	77.8%
60+	200,971	6	6.9%	3.0	2.8	50.0%
Total	1,030,447	87	100.0%	8.4	2.0	74.7%

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	67,326	2	0.1%	3.0	0	0.0%	0.0	2	0.1%	3.0	33,663
5-12	107,952	5	0.3%	4.6	1	0.1%	0.9	6	0.2%	5.6	17,992
13-19	89,876	24	1.5%	26.7	6	0.3%	6.7	30	0.8%	33.4	2,995
20-29	125,083	187	11.3%	149.5	83	4.3%	66.4	270	7.5%	215.9	463
30-39	143,129	388	23.5%	271.1	298	15.3%	208.2	686	19.1%	479.3	208
40-49	146,457	458	27.8%	312.7	651	33.4%	444.5	1,109	30.8%	757.2	132
50-59	149,653	401	24.3%	268.0	599	30.8%	400.3	1,000	27.8%	668.2	149
60+	200,971	185	11.2%	92.1	309	15.9%	153.8	494	13.7%	245.8	406
Total	1,030,447	1,650	100.0%	160.1	1,947	100.0%	188.9	3,597	100.0%	349.1	286

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	16	11	68.8%	500	0.0%	9.1%	36.4%	54.5%
20-29	252	139	55.2%	535	11.5%	13.7%	19.4%	55.4%
30-39	683	362	53.0%	549	11.0%	14.4%	18.2%	56.4%
40-49	1,109	543	49.0%	519	10.5%	14.9%	21.7%	52.9%
50-59	1,000	479	47.9%	545	9.8%	14.8%	18.2%	57.2%
60+	494	224	45.3%	558	11.2%	12.9%	18.3%	57.6%
Total	3,554	1758	49.5%	538	10.5%	14.4%	19.5%	55.6%

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	16	11	68.8%	54.5%	2,712
20-29	252	143	56.7%	67.8%	19,365
30-39	683	363	53.1%	81.5%	18,960
40-49	1,109	536	48.3%	87.3%	4,995
50-59	1,000	475	47.5%	87.2%	3,950
60+	494	231	46.8%	87.0%	5,050
Total	3,554	1,759	49.5%	84.3%	8,501

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	407,288	124	69.3%	101.0	101	81.5%	42	33.9%	105	84.7%	331
Female	447,882	55	30.7%	43.0	43	78.2%	20	36.4%	46	83.6%	234
Total	855,169	179	100.0%	144.0	144	80.4%	62	34.6%	151	84.4%	293

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	148,075	33	18.4%	28.0	24	72.7%	15	45.5%	29	87.9%	236
Non-Hispanic	707,094	146	81.6%	116.0	120	82.2%	47	32.2%	122	83.6%	307
American Indian/Alaska Native, only	1,458	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	--
Asian, only	130,793	7	3.9%	5.4	6	85.7%	3	42.9%	6	85.7%	184
Black, only	146,556	95	53.1%	64.8	77	81.1%	37	38.9%	85	89.5%	252
Native Hawaiian/Other Pacific Islander, only	393	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	--
White only	411,322	38	21.2%	9.2	32	84.2%	7	18.4%	25	65.8%	451
Multiracial/Other	149,216	6	3.4%	4.0	5	83.3%	0	0.0%	6	100.0%	480
Total	855,169	179	100.0%	144.0	144	80.4%	62	34.6%	151	84.4%	293

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	520,866	123	68.7%	23.6	97	78.9%	41	33.3%	100	81.3%	311
Foreign-born	311,697	38	21.2%	12.2	31	81.6%	17	44.7%	34	89.5%	237
Africa	--	29	16.2%	--	25	86.2%	12	41.4%	26	89.7%	251
Asia	--	3	1.7%	--	***	***	***	***	***	***	***
Caribbean	--	1	0.6%	--	***	***	***	***	***	***	***
Central America	--	4	2.2%	--	***	***	***	***	***	***	***
Other	--	1	0.6%	--	***	***	***	***	***	***	***
Unknown	--	18	10.1%	--	16	88.9%	4	22.2%	17	94.4%	441
Total	832,563	179	100.0%	21.5	144	80.4%	62	34.6%	151	84.4%	293

* 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	407,288	56	64.4%	13.7	2.2	75.0%
Female	447,882	31	35.6%	6.9	1.7	74.2%
Total	855,169	87	100.0%	10.2	2.0	74.7%

Race/Ethnicity	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	148,075	15	17.2%	10.1	0.5	86.7%
Non-Hispanic	707,094	72	82.8%	10.2	2.3	72.2%
American Indian/Alaska Native, only	1,458	0	0.0%	0.0	--	0.0%
Asian, only	130,793	3	3.4%	2.3	0.1	100.0%
Black, only	146,556	59	67.8%	40.3	2.5	71.2%
Native Hawaiian/Other Pacific Islander, only	393	0	0.0%	0.0	--	0.0%
White only	411,322	9	10.3%	2.2	1.7	77.8%
Multiracial/Other	149,216	1	1.1%	0.7	2.2	0.0%
Total	855,169	87	100.0%	10.2	2.0	74.7%

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	520,866	57	65.5%	10.9	2.2	73.7%
Foreign-born	311,697	25	28.7%	8.0	2.0	72.0%
Africa	--	20	23.0%	--	1.6	70.0%
Asia	--	1	1.1%	--	***	***
Caribbean	--	2	2.3%	--	8.5	50.0%
Central America	--	1	1.1%	--	***	***
Other	--	1	1.1%	--	***	***
Unknown	--	5	5.7%	--	0.2	100.0%
Total	832,563	87	100.0%	10.4	2.0	74.7%

* 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	407,288	976	60.1%	239.6	1,198	62.1%	294.1	2,174	61.2%	533.8	187
Female	447,882	648	39.9%	144.7	732	37.9%	163.4	1,380	38.8%	308.1	324
Total	855,169	1,624	100.0%	189.9	1,930	100.0%	225.7	3,554	100.0%	415.6	240

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	148,075	181	11.1%	122.2	293	15.2%	197.9	474	13.3%	320.1	312
Non-Hispanic	707,094	1,443	88.9%	204.1	1637	84.8%	231.5	3,080	86.7%	435.6	229
American Indian/Alaska Native, only	1,458	***	***	***	***	***	***	***	***	***	***
Asian, only	130,793	45	2.8%	34.4	22	1.1%	16.8	68	1.9%	52.0	1,923
Black, only	146,556	985	60.7%	672.1	1105	57.3%	754.0	2,024	56.9%	1,381.0	72
Native Hawaiian/Other Pacific Islander, only	393	***	***	***	***	***	***	***	***	***	***
White only	411,322	350	21.6%	85.1	297	15.4%	72.2	645	18.1%	156.8	637
Multiracial/ Other	149,216	58	3.6%	38.9	59	3.1%	39.5	109	3.1%	73.0	1,368
Total	855,169	1,624	100.0%	189.9	1930	100.0%	225.7	3,554	100.0%	415.6	240

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	520,866	1087	66.9%	208.7	1161	60.2%	222.9	2248	63.3%	431.6	231
Foreign-born	311,697	420	25.9%	134.7	726	37.6%	232.9	1146	32.2%	367.7	271
Africa	--	276	17.0%	--	497	25.8%	--	773	21.8%	--	--
Asia	--	21	1.3%	--	18	0.9%	--	39	1.1%	--	--
Caribbean	--	17	1.0%	--	44	2.3%	--	61	1.7%	--	--
Central America	--	50	3.1%	--	100	5.2%	--	150	4.2%	--	--
Other	--	56	3.4%	--	67	3.5%	--	123	3.5%	--	--
Unknown	--	117	7.2%	--	43	2.2%	--	160	4.5%	--	--
Total	832,563	1624	100.0%	195.1	1930	100.0%	231.8	3554	100.0%	426.9	234

* 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	2,174	1,066	49.0%	525	11.4%	15.2%	19.9%	53.6%
Female	1,380	692	50.1%	552	9.2%	13.2%	18.9%	58.7%
Total	3,554	1,758	49.5%	538	10.5%	14.4%	19.5%	55.6%

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	474	248	52.3%	480	12.1%	19.8%	19.0%	49.2%
Non-Hispanic	3,080	1,510	49.0%	545	10.3%	13.5%	19.6%	56.6%
American Indian/Alaska Native, only	***	***	***	***	***	***	***	***
Asian, only	67	35	52.2%	544	5.7%	8.6%	22.9%	62.9%
Black, only	2,224	1,116	50.2%	527	11.7%	14.1%	20.3%	53.9%
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***	***	***	***
White only	658	276	41.9%	606	5.4%	13.4%	15.9%	65.2%
Multiracial/Other	125	80	64.0%	560	8.8%	8.8%	21.3%	61.3%
Total	3,554	1,758	49.5%	538	10.5%	14.4%	19.5%	55.6%

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	2,248	1,065	47.4%	537	11.8%	13.6%	18.8%	55.8%
Foreign-born	1,146	608	53.1%	525	8.9%	16.3%	21.2%	53.6%
Africa	773	422	54.6%	532	9.0%	15.9%	21.3%	53.8%
Asia	39	21	53.8%	544	9.5%	4.8%	19.0%	66.7%
Caribbean	61	30	49.2%	574	20.0%	10.0%	13.3%	56.7%
Central America	150	87	58.0%	462	9.2%	26.4%	19.5%	44.8%
Other	123	48	39.0%	544	0.0%	10.4%	29.2%	60.4%
Unknown	160	85	53.1%	588	5.9%	10.6%	16.5%	67.1%
Total	3,554	1,758	49.5%	538	10.5%	14.4%	19.5%	55.6%

*** 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	2,174	1,064	48.9%	82.8%	9,743
Female	1,380	695	50.4%	86.5%	5,940
Total	3,554	1,759	49.5%	84.3%	8,501

Race/Ethnicity	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	474	248	52.3%	83.9%	6,588
Non-Hispanic	3,080	1,511	49.1%	84.3%	8,532
American Indian/Alaska Native, only	***	***	***	***	***
Asian, only	67	32	47.8%	87.5%	133,911
Black, only	2,224	1,107	49.8%	83.1%	7,517
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***
White only	658	290	44.1%	89.3%	9,820
Multiracial/Other	125	79	63.2%	81.0%	15,849
Total	3,554	1,759	49.5%	84.3%	8,501

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	2,248	1,062	47.2%	82.4%	12,023
Foreign-born	1,146	615	53.7%	87.2%	3,035
Africa	773	428	55.4%	88.3%	3,083
Asia	39	20	51.3%	85.0%	5,570
Caribbean	61	31	50.8%	74.2%	2,354
Central America	150	87	58.0%	82.8%	6,150
Other	123	49	39.8%	93.9%	1,060
Unknown	160	82	51.3%	86.6%	6,860
Total	3,554	1,759	49.5%	84.3%	8,501

*** 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.

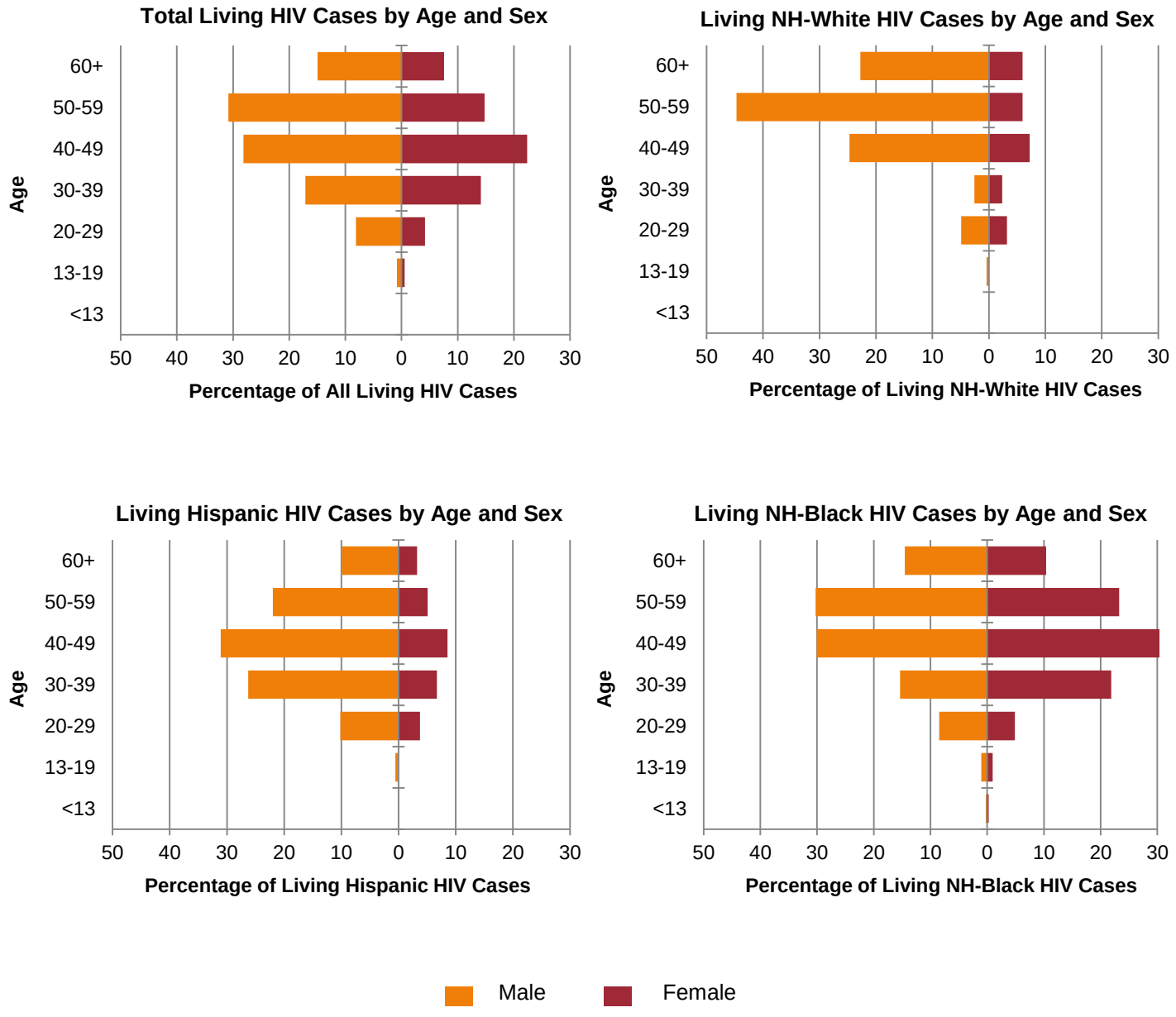
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

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	22,813	17,184	31,813	17,363	89,173
	Cases	0	3	0	2	5
	Rate	0.0	17.5	0.0	11.5	5.6
	Ratio (1 in X)	--	5,728	--	8,681	17,834
13-19	Population	10,234	8,888	18,913	8,078	46,113
	Cases	2	12	2	2	18
	Rate	19.5	135.0	10.6	24.8	39.0
	Ratio (1 in X)	5,116	740	9,456	4,039	2,561
20-29	Population	16,015	11,831	24,512	10,499	62,857
	Cases	38	97	23	20	178
	Rate	237.3	819.9	93.8	190.5	283.2
	Ratio (1 in X)	421	121	1,065	524	353
30-39	Population	17,987	12,183	26,511	12,766	69,447
	Cases	98	176	80	22	376
	Rate	544.8	1,444.6	301.8	172.3	541.4
	Ratio (1 in X)	183	69	331	580	184
40-49	Population	14,012	12,408	30,405	12,810	69,635
	Cases	116	344	116	42	618
	Rate	827.9	2,772.4	381.5	327.9	887.5
	Ratio (1 in X)	120	36	262	305	112
50-59	Population	9,374	10,873	39,434	11,358	71,039
	Cases	82	346	210	38	676
	Rate	874.8	3,182.2	532.5	334.6	951.6
	Ratio (1 in X)	114	31	187	298	105
60+	Population	6,671	10,143	57,721	13,662	88,197
	Cases	37	166	107	18	328
	Rate	554.6	1,636.6	185.4	131.8	371.9
	Ratio (1 in X)	180	61	539	759	268
Total Males by Race/Ethnicity	Population	97,106	83,510	229,309	86,536	496,461
	Cases	373	1,144	538	144	2,199
	Rate	384.1	1,369.9	234.6	166.4	442.9
	Ratio (1 in X)	260	72	426	600	225

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	21,989	16,436	30,991	16,689	86,104
	Cases	0	3	0	0	3
	Rate	0.0	18.3	0.0	0.0	3.5
	Ratio (1 in X)	--	5,478	--	--	28,701
13-19	Population	9,494	8,555	17,895	7,819	43,764
	Cases	0	11	0	1	12
	Rate	0.0	128.6	0.0	12.8	27.4
	Ratio (1 in X)	--	777	--	7,819	3,646
20-29	Population	14,492	12,839	23,827	11,068	62,226
	Cases	14	56	15	7	92
	Rate	96.6	436.2	63.0	63.2	147.8
	Ratio (1 in X)	1,035	229	1,588	1,581	676
30-39	Population	15,810	15,052	27,321	15,499	73,682
	Cases	25	250	23	12	310
	Rate	158.1	1,660.9	84.2	77.4	420.7
	Ratio (1 in X)	632	60	1,187	1,291	237
40-49	Population	13,701	15,043	32,563	15,515	76,822
	Cases	32	405	34	20	491
	Rate	233.6	2,692.3	104.4	128.9	639.1
	Ratio (1 in X)	428	37	957	775	156
50-59	Population	10,344	13,348	41,531	13,391	78,614
	Cases	19	266	28	11	324
	Rate	183.7	1,992.8	67.4	82.1	412.1
	Ratio (1 in X)	544	50	1,483	1,217	242
60+	Population	9,941	15,394	70,689	16,750	112,774
	Cases	12	119	28	7	166
	Rate	120.7	773.0	39.6	41.8	147.2
	Ratio (1 in X)	828	129	2,524	2,392	679
Total Females by Race/Ethnicity	Population	95,771	96,667	244,817	96,731	533,986
	Cases	102	1,110	128	58	1,398
	Rate	106.5	1,148.3	52.3	60.0	261.8
	Ratio (1 in X)	938	87	1,912	1,667	381

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	122	100.0%	99	81.1%	46	37.7%	108	88.5%	282
Men who have Sex with Men (MSM)	59	48.4%	46	78.0%	21	35.6%	52	88.1%	384
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	61	50.0%	51	83.6%	25	41.0%	55	90.2%	240
Other Exposure	0	0.0%	--	--	--	--	--	--	--
No Reported Exposure*	57		45	78.9%	16	28.1%	43	75.4%	305
Total	179		144	80.4%	62	34.6%	151	84.4%	293

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	84	100.0%	67	79.8%	33	39.3%	33	86.9%	317
Men who have Sex with Men (MSM)	59	70.2%	46	78.0%	21	35.6%	21	88.1%	384
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	23	27.4%	19	82.6%	12	52.2%	12	87.0%	196
Other Exposure	0	0%	--	--	--	--	--	--	--
No Reported Exposure	40		34	85.0%	9	22.5%	9	80.0%	400
Total	124		101	81.5%	42	33.9%	42	84.7%	331

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	38	100.0%	32	84.2%	13	34.2%	35	92.1%	249
Injection Drug Users (IDU)	0	0.0%	--	--	--	--	--	--	--
Heterosexual Exposure (HET)	38	100.0%	32	84.2%	13	34.2%	35	92.1%	249
Other Exposure	0	0.0%	--	--	--	--	--	--	--
No Reported Exposure*	17		11	64.7%	7	41.2%	11	64.7%	149
Total	55		43	78.2%	20	36.4%	46	83.6%	234

*Includes 1 HIV case with Presumed Heterosexual Female exposure

*** 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	65	100.0%	1.7	75.4%
Men who have Sex with Men (MSM)	26	40.0%	1.5	76.9%
Injection Drug Users (IDU)	0	0.0%	--	--
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	--	--
Heterosexual Exposure (HET)	39	60.0%	1.9	74.4%
Other Exposures	0	0.0%	--	--
No Reported Exposure*	22		2.9	72.7%
Total	87		2.0	74.7%

Male Exposure Category	Adult/Adolescent AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	42	100.0%	1.5	78.6%
Men who have Sex with Men (MSM)	26	61.9%	1.5	76.9%
Injection Drug Users (IDU)	0	0.0%	--	--
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	--	--
Heterosexual Exposure (HET)	16	38.1%	1.6	81.3%
Other Exposures	0	0.0%	--	--
No Reported Exposure	14		4.2	64.3%
Total	56		2.2	75.0%

Female Exposure Category	Adult/Adolescent AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	23	100.0%	2.1	69.6%
Injection Drug Users (IDU)	0	0.0%	--	--
Heterosexual Exposure (HET)	23	100.0%	2.1	69.6%
Other Exposures	0	0.0%	--	--
No Reported Exposure*	8		0.7	87.5%
Total	31		1.7	74.2%

***Includes 1 AIDS case with Presumed Female Heterosexual exposure

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	947	100.0%	1,465	100.0%	2,412	100.0%
Men who have Sex with Men (MSM)	414	43.7%	486	33.2%	900	37.3%
Injection Drug Users (IDU)	29	3.1%	108	7.4%	137	5.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	17	1.8%	41	2.8%	58	2.4%
Heterosexual Exposure (HET)	479	50.6%	818	55.8%	1,297	53.8%
Other Exposures	8	0.8%	12	0.8%	20	0.8%
No Reported Exposure*	677		465		1,142	
Total	1,624		1,930		3,554	

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	601	100.0%	914	100.0%	1,515	100.0%
Men who have Sex with Men (MSM)	414	68.9%	486	53.2%	900	59.4%
Injection Drug Users (IDU)	23	3.8%	69	7.5%	92	6.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	17	2.8%	41	4.5%	58	3.8%
Heterosexual Exposure (HET)	144	24.0%	312	34.1%	456	30.1%
Other Exposures	3	0.5%	6	0.7%	9	0.6%
No Reported Exposure	375		284		659	
Total	976		1,198		2,174	

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	346	100.0%	551	100.0%	897	100.0%
Injection Drug Users (IDU)	6	1.7%	39	7.1%	45	5.0%
Heterosexual Exposure (HET)	335	96.8%	506	91.8%	841	93.8%
Other Exposures	5	1.4%	6	1.1%	11	1.2%
No Reported Exposure*	302		181		483	
Total	648		732		1,380	

* Includes 1 HIV case without AIDS and 7 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	355	100.0%	1,492	100.0%	431	100.0%
Men who have Sex with Men (MSM)	169	47.6%	344	23.1%	314	72.9%
Injection Drug Users (IDU)	16	4.5%	83	5.6%	27	6.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	6	1.7%	27	1.8%	17	3.9%
Heterosexual Exposure (HET)	163	45.9%	1,027	68.8%	65	15.1%
Other Exposures	1	0.3%	11	0.7%	8	1.9%
No Reported Exposure*	119		732		227	
Total	474		2,224		658	

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	283	100.0%	750	100.0%	382	100.0%
Men who have Sex with Men (MSM)	169	59.7%	344	45.9%	314	82.2%
Injection Drug Users (IDU)	14	4.9%	53	7.1%	19	5.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	6	2.1%	27	3.6%	17	4.5%
Heterosexual Exposure (HET)	93	32.9%	324	43.2%	26	6.8%
Other Exposures	1	0.4%	2	0.3%	6	1.6%
No Reported Exposure	89		378		152	
Total	372		1,128		534	

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	72	100.0%	742	100.0%	49	100.0%
Injection Drug Users (IDU)	2	2.8%	30	4.0%	8	16.3%
Heterosexual Exposure (HET)	70	97.2%	703	94.7%	39	79.6%
Other Exposures	0	0.0%	9	1.2%	2	4.1%
No Reported Exposure*	30		354		75	
Total	102		1,096		124	

* Includes 1 Hispanic case, 6 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	2,412	1,271	52.7%	531	10.3%	14.6%	20.1%	55.0%
Men who have Sex with Men (MSM)	900	461	51.2%	544	8.7%	13.9%	20.8%	56.6%
Injection Drug Users (IDU)	137	53	38.7%	459	13.2%	13.2%	26.4%	47.2%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	58	24	41.4%	509	12.5%	12.5%	25.0%	50.0%
Heterosexual Exposure (HET)	1,297	726	56.0%	528	10.9%	15.4%	18.9%	54.8%
Other Exposures	20	7	35.0%	483	28.6%	0.0%	28.6%	42.9%
No Reported Exposure	1,142	487	42.6%	557	11.1%	13.8%	18.1%	57.1%
Total	3,554	1,758	49.5%	538	10.5%	14.4%	19.5%	55.6%

* Includes 8 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	2,412	1,279	53.0%	84.3%	9,820
Men who have Sex with Men (MSM)	900	468	52.0%	83.1%	15,849
Injection Drug Users (IDU)	137	52	38.0%	75.0%	4,690
Men who have Sex with Men and Inject Drugs (MSM/IDU)	58	25	43.1%	88.0%	137,726
Heterosexual Exposure (HET)	1,297	727	56.1%	85.7%	6,335
Other Exposures	20	7	35.0%	71.4%	88,838
No Reported Exposure	1,142	480	42.0%	84.2%	5,885
Total	3,554	1,759	49.5%	84.3%	8,501

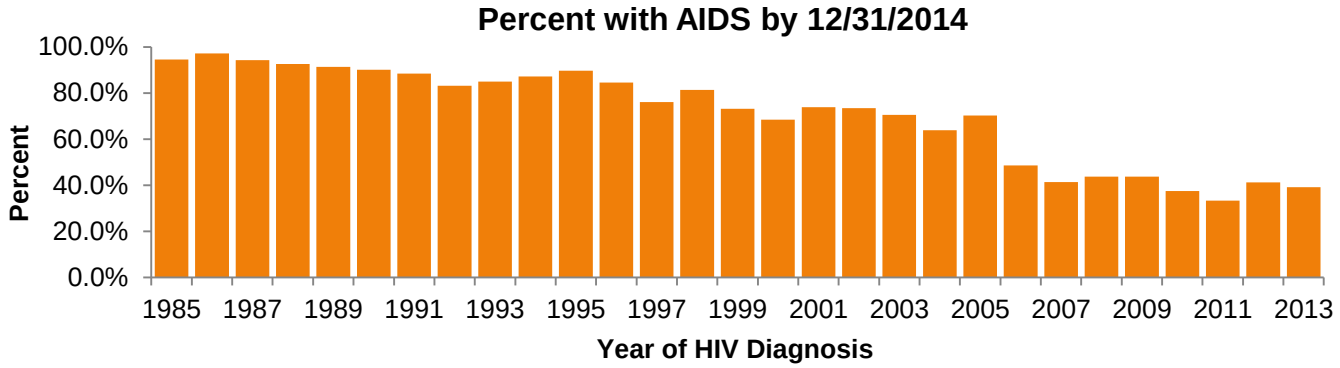
* Includes 8 cases with Presumed Female Heterosexual exposure

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

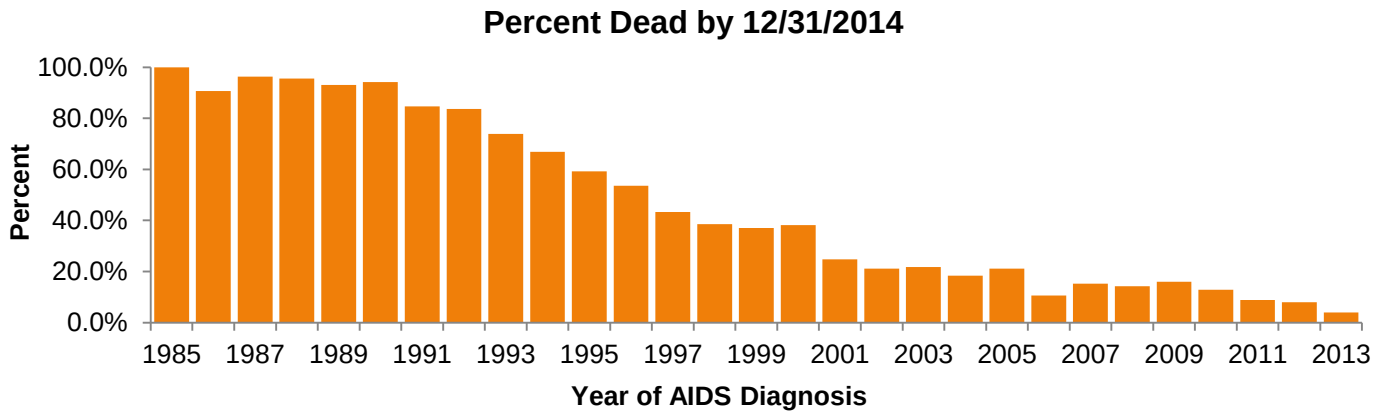
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/12 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2014 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis 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	36	35	97.2%	6.4	41.7%	41.7%	50.0%	66.7%
1985	93	88	94.6%	6.3	35.5%	37.6%	43.0%	73.1%
1986	108	105	97.2%	4.4	50.0%	50.9%	61.1%	86.1%
1987	141	133	94.3%	2.9	56.7%	58.2%	70.9%	88.7%
1988	175	162	92.6%	3.1	50.9%	54.3%	71.4%	86.9%
1989	183	167	91.3%	2.5	54.6%	59.0%	73.2%	86.3%
1990	171	154	90.1%	2.6	48.5%	55.0%	74.9%	87.1%
1991	199	176	88.4%	2.1	54.8%	61.8%	78.4%	84.4%
1992	173	144	83.2%	2.8	45.7%	53.2%	67.1%	78.0%
1993	127	108	85.0%	1.6	59.8%	68.5%	78.0%	82.7%
1994	133	116	87.2%	1.8	62.4%	67.7%	75.2%	83.5%
1995	146	131	89.7%	1.7	66.4%	73.3%	79.5%	83.6%
1996	110	93	84.5%	1.9	60.0%	62.7%	73.6%	80.9%
1997	125	95	76.0%	2.0	56.0%	60.0%	64.0%	72.8%
1998	113	92	81.4%	1.9	57.5%	60.2%	69.9%	77.9%
1999	138	101	73.2%	1.4	57.2%	59.4%	64.5%	72.5%
2000	152	104	68.4%	1.8	50.7%	53.9%	57.9%	65.8%
2001	160	118	73.8%	1.4	55.6%	57.5%	66.9%	71.9%
2002	154	113	73.4%	1.0	61.0%	63.6%	70.1%	71.4%
2003	173	122	70.5%	1.0	59.0%	60.1%	65.9%	69.9%
2004	205	131	63.9%	1.0	53.7%	55.6%	58.5%	63.9%
2005	202	142	70.3%	0.8	59.9%	61.9%	66.8%	--
2006	247	120	48.6%	1.0	38.1%	41.3%	44.9%	--
2007	339	140	41.3%	1.4	31.3%	31.9%	34.8%	--
2008	270	118	43.7%	0.8	35.6%	37.4%	42.2%	--
2009	190	83	43.7%	1.0	34.7%	36.3%	--	--
2010	195	73	37.4%	0.9	27.7%	30.3%	--	--
2011	174	58	33.3%	0.4	29.9%	31.6%	--	--
2012	177	73	41.2%	0.4	35.0%	40.1%	--	--
2013	169	66	39.1%	0.3	36.7%	--	--	--
Total	4,978	3,361	67.5%	1.9	47.5%	50.7%	58.0%	64.8%

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

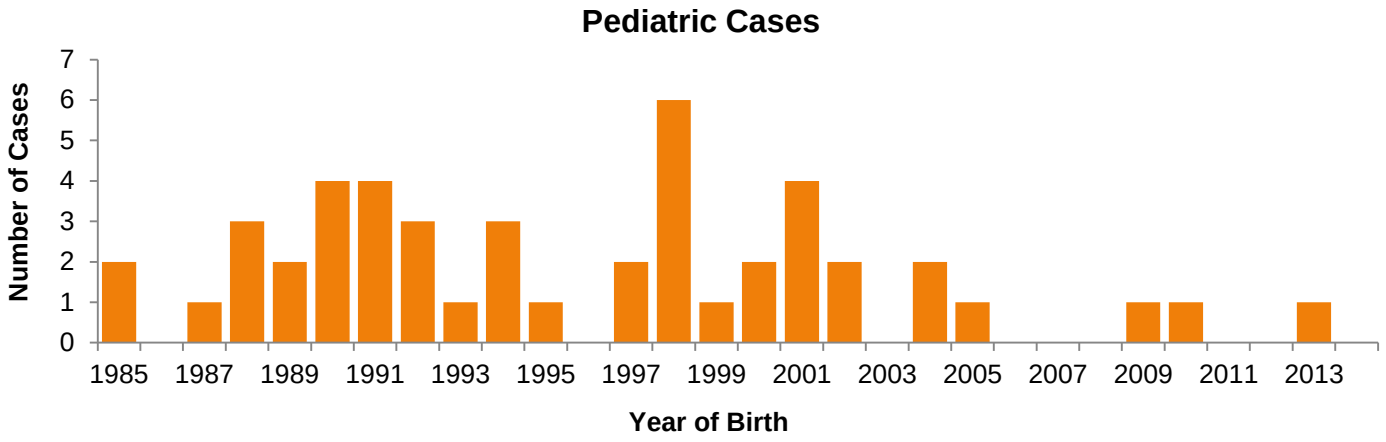


Year of HIV Diagnosis	Adult/Adolescent Reported AIDS Diagnoses							
		Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
	No.	No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	15	15	100.0%	0.7	33.3%	6.7%	0.0%	0.0%
1985	32	32	100.0%	1.1	37.5%	12.5%	6.3%	0.0%
1986	54	49	90.7%	1.4	50.0%	29.6%	13.0%	9.3%
1987	82	79	96.3%	2.0	61.0%	35.4%	11.0%	7.3%
1988	89	85	95.5%	2.2	65.2%	37.1%	13.5%	9.0%
1989	116	108	93.1%	2.9	71.6%	54.3%	22.4%	12.1%
1990	104	98	94.2%	2.7	64.4%	49.0%	18.3%	10.6%
1991	130	110	84.6%	2.3	67.7%	51.5%	21.5%	17.7%
1992	135	113	83.7%	2.1	63.7%	46.7%	23.7%	20.0%
1993	142	105	73.9%	2.8	75.4%	59.9%	38.7%	31.0%
1994	175	117	66.9%	3.2	78.3%	60.6%	46.3%	38.9%
1995	179	106	59.2%	4.5	75.4%	70.9%	62.6%	49.7%
1996	125	67	53.6%	4.8	80.0%	77.6%	68.8%	56.0%
1997	104	45	43.3%	3.5	80.8%	76.9%	68.3%	61.5%
1998	101	39	38.6%	3.7	86.1%	81.2%	72.3%	65.3%
1999	105	39	37.1%	4.1	84.8%	81.0%	75.2%	68.6%
2000	110	42	38.2%	5.7	92.7%	89.1%	81.8%	70.9%
2001	113	28	24.8%	3.8	92.0%	90.3%	84.1%	77.0%
2002	128	27	21.1%	3.0	90.6%	89.8%	84.4%	79.7%
2003	133	29	21.8%	2.7	91.0%	87.2%	83.5%	79.7%
2004	147	27	18.4%	2.4	90.5%	87.1%	86.4%	82.3%
2005	146	31	21.2%	2.7	91.1%	89.0%	83.6%	--
2006	132	14	10.6%	2.9	95.5%	93.2%	92.4%	--
2007	138	21	15.2%	1.8	91.3%	89.1%	87.7%	--
2008	119	17	14.3%	1.9	93.3%	90.8%	87.4%	--
2009	94	15	16.0%	1.4	89.4%	89.4%	--	--
2010	93	12	12.9%	1.5	93.5%	91.4%	--	--
2011	68	6	8.8%	1.0	95.6%	92.6%	--	--
2012	88	7	8.0%	0.3	93.2%	92.0%	--	--
2013	125	5	4.0%	0.7	96.0%	--	--	--
Total	3,322	1,488	44.8%	2.9	82.0%	74.2%	63.7%	58.3%

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	8	0	0	0	
1985	2	2	1	1	1
1986	0	3	0	0	4
1987	1	1	0	0	5
1988	3	1	2	0	7
1989	2	2	1	1	8
1990	4	1	0	0	9
1991	4	4	2	0	13
1992	3	5	2	2	16
1993	1	0	2	1	15
1994	3	1	2	1	16
1995	1	0	1	0	15
1996	0	4	2	0	19
1997	2	0	0	0	19
1998	6	1	0	1	19
1999	1	2	2	0	20
2000	2	3	0	0	23
2001	4	3	2	0	26
2002	2	4	3	0	30
2003	0	1	1	0	31
2004	2	0	0	0	31
2005	1	2	1	1	32
2006	0	6	0	1	37
2007	0	2	0	1	38
2008	0	2	1	0	40
2009	1	2	0	0	42
2010	1	0	1	0	42
2011	0	1	1	0	42
2012	0	0	0	0	42
2013	1	1	1	0	42
2014	0	1	0	0	43
Total	55	55	28	10	

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
20816	1	2.3%
20817	1	2.3%
20832	1	2.3%
20850	2	4.7%
20853	1	2.3%
20854	2	4.7%
20874	2	4.7%
20876	2	4.7%
20877	1	2.3%
20878	1	2.3%
20879	1	2.3%
20886	1	2.3%
20895	2	4.7%
20902	3	7.0%
20903	4	9.3%
20904	5	11.6%
20905	3	7.0%
20906	5	11.6%
20910	3	7.0%
20912	1	2.3%
Unknown	1	2.3%
Total	43	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	25	58.1%
Female	18	41.9%
Total	43	100.0%

Race/Ethnicity	Pediatric Total Living HIV Cases	
	No.	% of Total
Hispanic	1	2.3%
Non-Hispanic	42	97.7%
American Indian/ Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	30	69.7%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	8	18.6%
Multiracial/Other	4	9.3%
Total	43	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, reported through 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 12/31/2011.

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 age13 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