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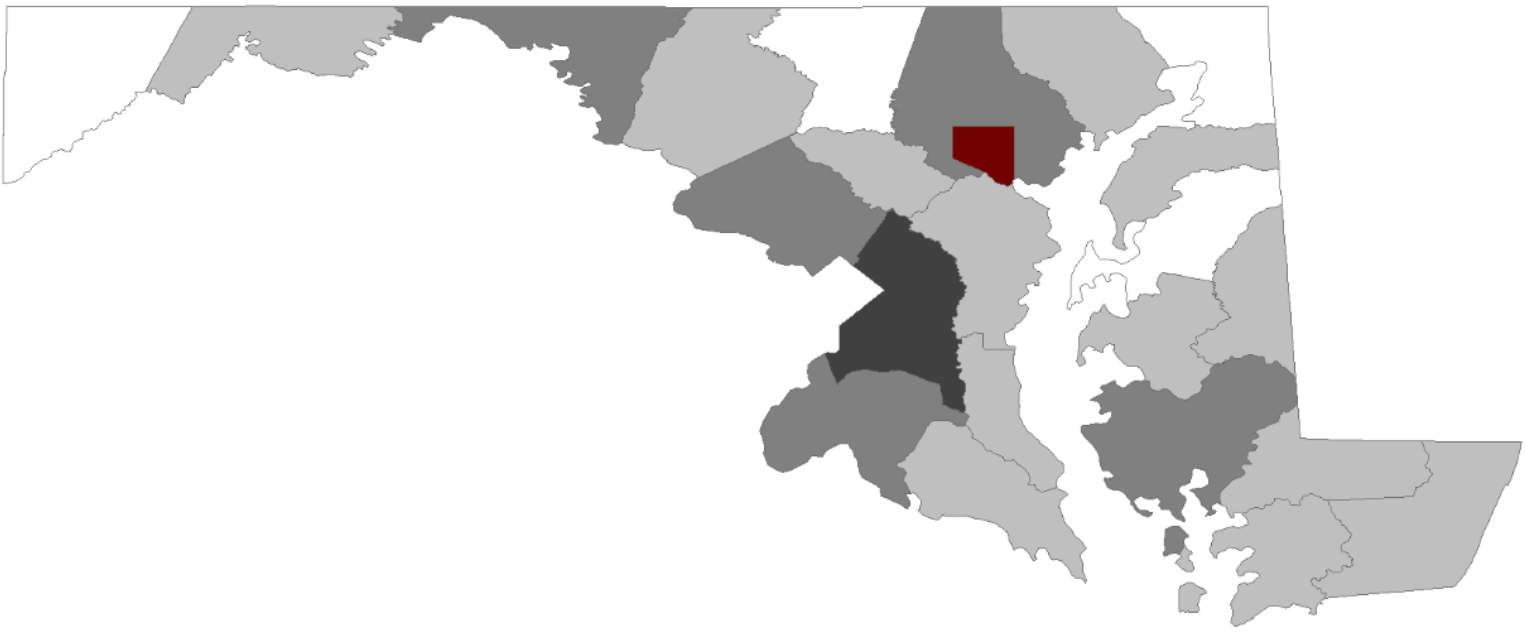

Baltimore City HIV Annual Epidemiological Profile

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
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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.

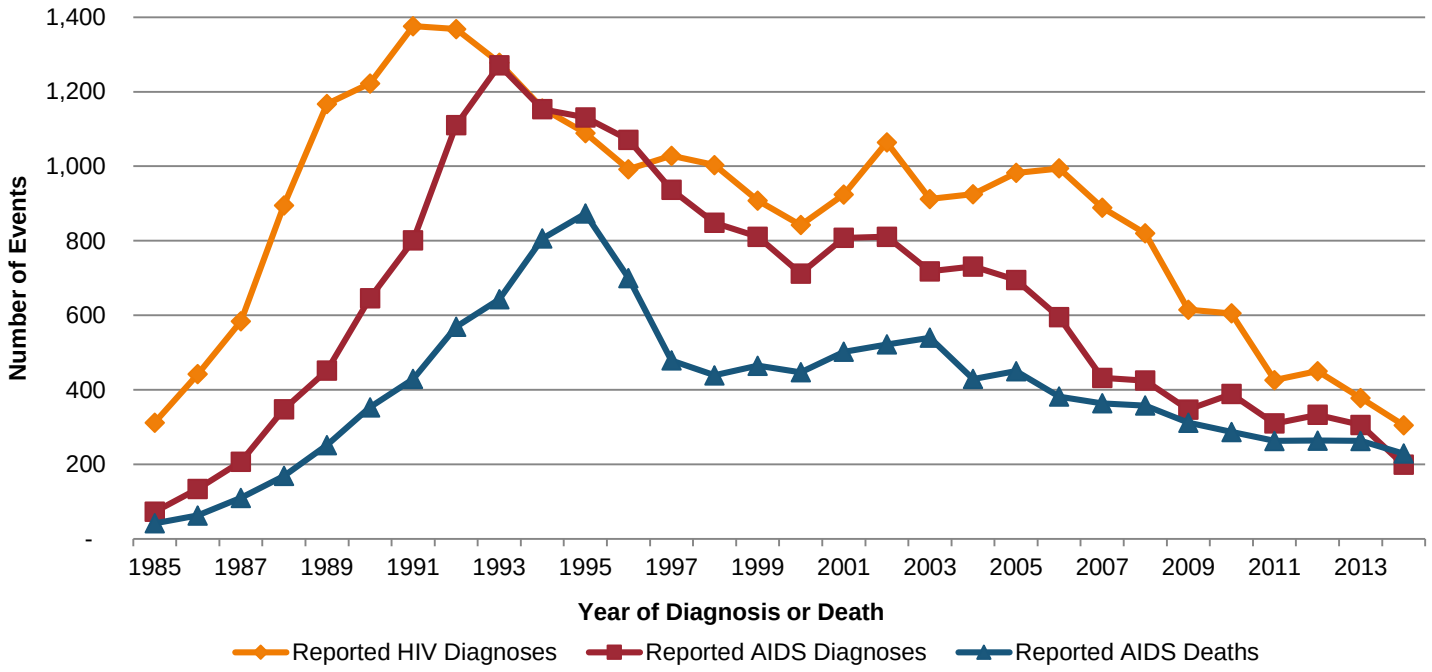
Heterosexual Exposure (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or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

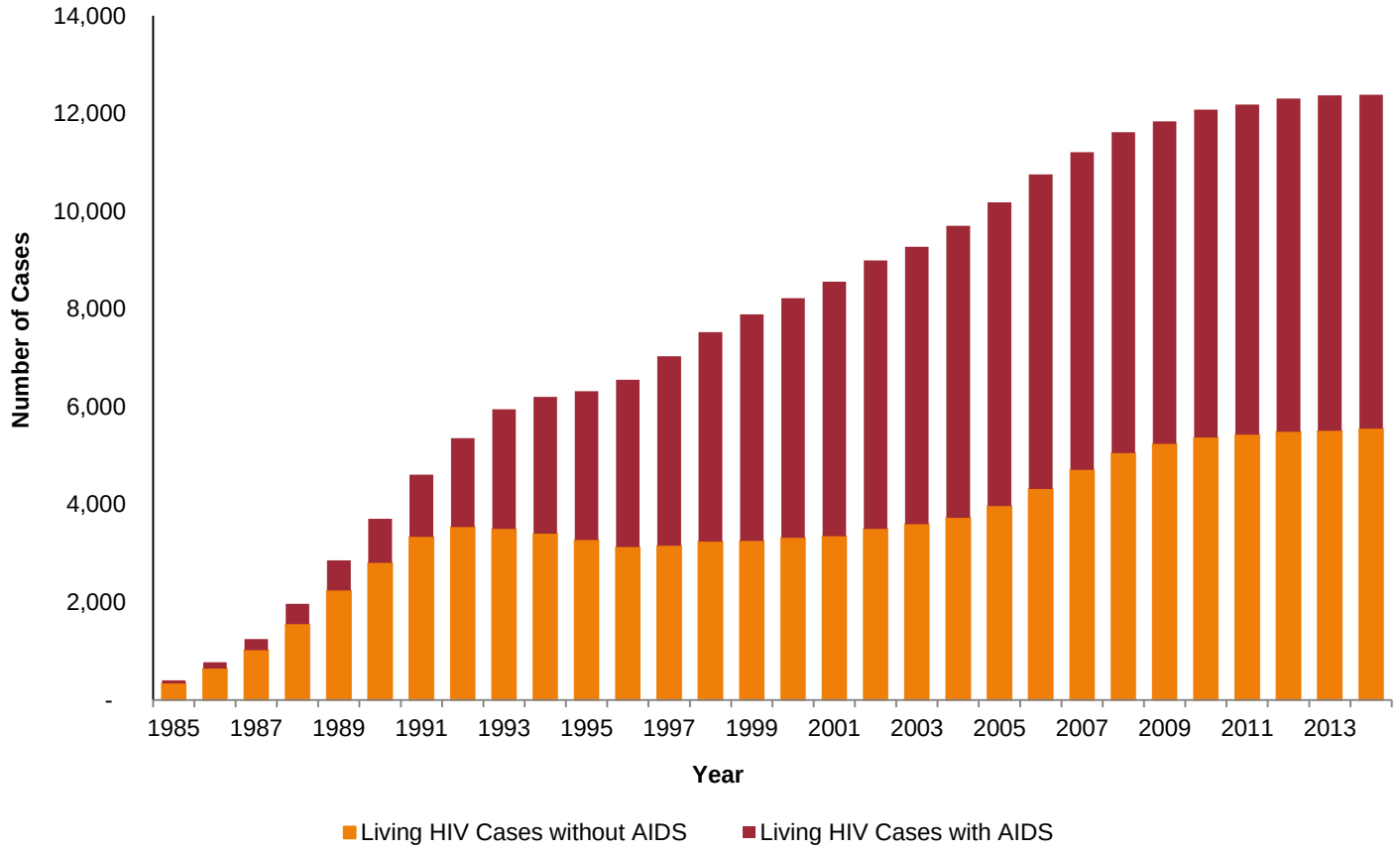


During the 2007-2008 transition to name-based reporting, many HIV cases were reported by a recent HIV diagnosis and not by their earliest HIV diagnosis, resulting in an artificial upward trend in HIV diagnoses during the period 2001-2008.

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	154	58	25	**2000**	842	712	447
1985	312	73	42	**2001**	924	808	502
1986	442	134	63	**2002**	1,064	811	522
1987	584	207	110	**2003**	912	718	540
1988	895	348	169	**2004**	925	731	429
1989	1,167	452	252	**2005**	982	695	450
1990	1,222	646	353	**2006**	994	595	382
1991	1,376	801	429	**2007**	889	432	364
1992	1,368	1,110	569	**2008**	820	425	358
1993	1,278	1,271	643	**2009**	615	347	312
1994	1,155	1,153	806	**2010**	605	389	287
1995	1,089	1,131	873	**2011**	426	310	263
1996	992	1,071	700	**2012**	450	333	264
1997	1,028	937	479	**2013**	378	306	263
1998	1,003	848	439	**2014**	305	199	229
1999	908	811	465	**Total**	26,104	18,862	12,029

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

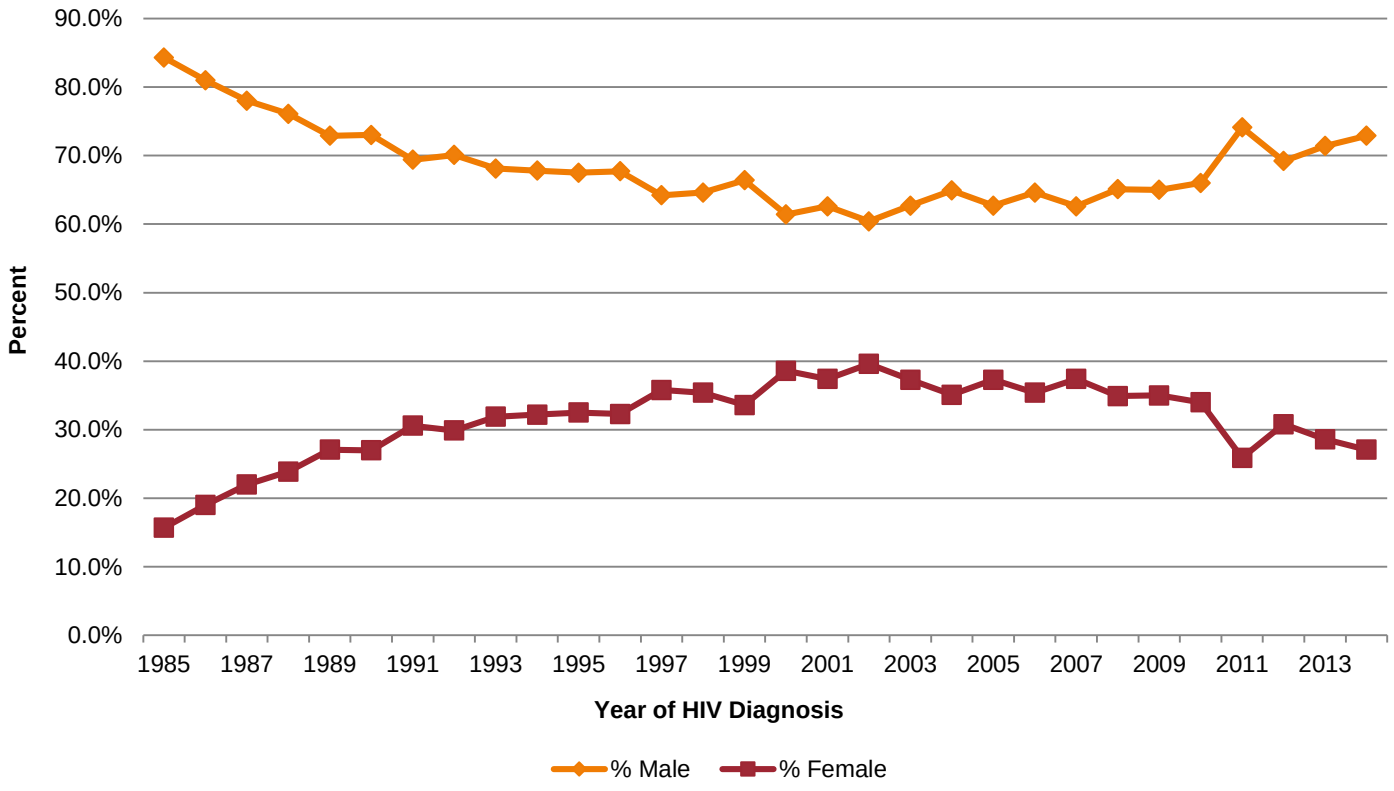
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2014, as Reported through 12/31/2015



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	338	64	402	**2000**	3,319	4,900	8,219
1986	640	135	775	**2001**	3,353	5,206	8,559
1987	1,016	232	1,248	**2002**	3,503	5,495	8,998
1988	1,555	411	1,966	**2003**	3,598	5,673	9,271
1989	2,243	611	2,854	**2004**	3,729	5,975	9,704
1990	2,803	904	3,707	**2005**	3,965	6,220	10,185
1991	3,338	1,276	4,614	**2006**	4,321	6,434	10,755
1992	3,540	1,817	5,357	**2007**	4,708	6,502	11,210
1993	3,503	2,445	5,948	**2008**	5,050	6,569	11,619
1994	3,406	2,793	6,199	**2009**	5,238	6,604	11,842
1995	3,270	3,051	6,321	**2010**	5,373	6,706	12,079
1996	3,133	3,422	6,555	**2011**	5,429	6,753	12,182
1997	3,155	3,880	7,035	**2012**	5,485	6,822	12,307
1998	3,241	4,289	7,530	**2013**	5,505	6,865	12,370
1999	3,255	4,635	7,890	**2014**	5,550	6,835	12,385

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

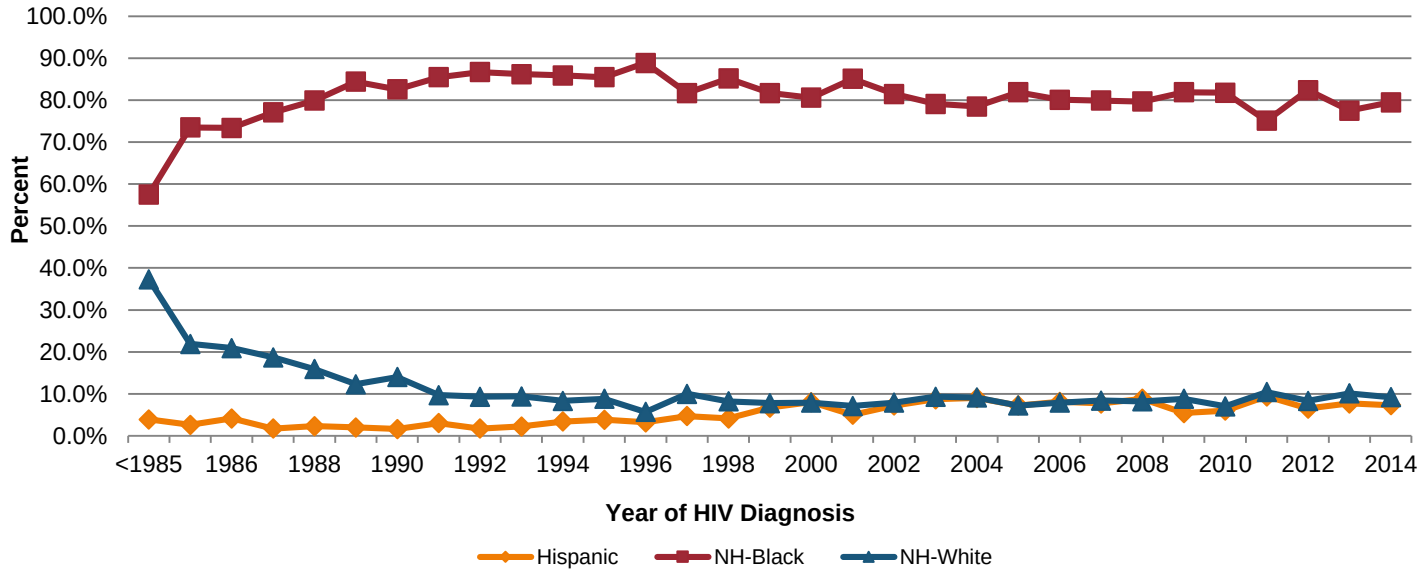
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2014, as Reported through 12/31/2015



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	153	85.0%	15.0%	**2000**	836	61.4%	38.6%
1985	306	84.3%	15.7%	**2001**	917	62.6%	37.4%
1986	436	81.0%	19.0%	**2002**	1,062	60.4%	39.6%
1987	572	78.0%	22.0%	**2003**	910	62.7%	37.3%
1988	879	76.1%	23.9%	**2004**	923	64.9%	35.1%
1989	1,146	72.9%	27.1%	**2005**	982	62.7%	37.3%
1990	1,195	73.0%	27.0%	**2006**	993	64.6%	35.4%
1991	1,349	69.4%	30.6%	**2007**	874	62.6%	37.4%
1992	1,334	70.1%	29.9%	**2008**	814	65.1%	34.9%
1993	1,242	68.1%	31.9%	**2009**	612	65.0%	35.0%
1994	1,134	67.8%	32.2%	**2010**	603	66.0%	34.0%
1995	1,074	67.5%	32.5%	**2011**	425	74.1%	25.9%
1996	979	67.7%	32.3%	**2012**	448	69.2%	30.8%
1997	1,021	64.2%	35.8%	**2013**	378	71.4%	28.6%
1998	988	64.6%	35.4%	**2014**	303	72.9%	27.1%
1999	894	66.4%	33.6%	**Total**	25,782	67.8%	32.2%

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

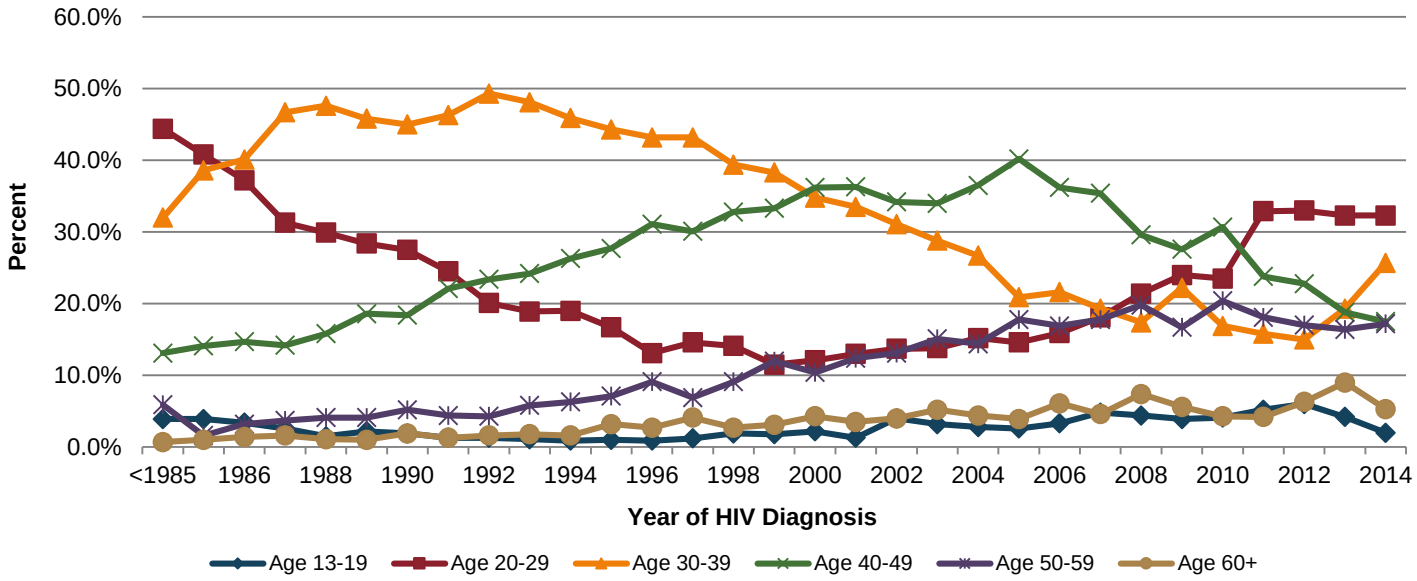


Non-Hispanic Other race not shown

Year of HIV Diagnosis	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	153	2.6%	58.8%	37.3%	1.3%
1985	306	1.0%	74.8%	22.2%	2.0%
1986	436	2.8%	74.8%	21.1%	1.4%
1987	572	1.2%	77.3%	18.9%	2.6%
1988	879	0.8%	80.9%	16.0%	2.3%
1989	1,146	0.3%	86.0%	12.5%	1.3%
1990	1,195	0.8%	83.3%	14.0%	1.9%
1991	1,349	1.4%	86.7%	9.9%	1.9%
1992	1,334	0.7%	87.8%	9.3%	2.2%
1993	1,242	1.0%	87.2%	9.5%	2.3%
1994	1,134	1.0%	87.9%	8.6%	2.5%
1995	1,074	0.9%	88.3%	8.8%	2.0%
1996	979	1.3%	90.4%	5.8%	2.5%
1997	1,021	1.1%	84.5%	10.3%	4.1%
1998	988	1.3%	87.8%	8.4%	2.5%
1999	894	1.3%	86.8%	8.1%	3.8%
2000	836	1.6%	86.6%	8.0%	3.8%
2001	917	1.4%	88.1%	7.6%	2.8%
2002	1,062	1.5%	86.3%	8.3%	3.9%
2003	910	2.7%	84.4%	9.8%	3.1%
2004	923	2.2%	84.4%	9.4%	4.0%
2005	982	2.5%	85.9%	7.6%	3.9%
2006	993	3.1%	84.7%	8.1%	4.1%
2007	874	2.5%	84.4%	8.6%	4.5%
2008	814	2.8%	84.3%	8.8%	4.1%
2009	612	2.3%	83.8%	9.2%	4.7%
2010	603	2.7%	84.2%	7.3%	5.8%
2011	425	4.0%	79.5%	10.8%	5.6%
2012	448	3.3%	84.6%	8.7%	3.3%
2013	378	3.4%	80.4%	10.6%	5.6%
2014	303	4.3%	81.5%	8.9%	5.3%
Total	25,782	1.7%	85.1%	10.1%	3.1%

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

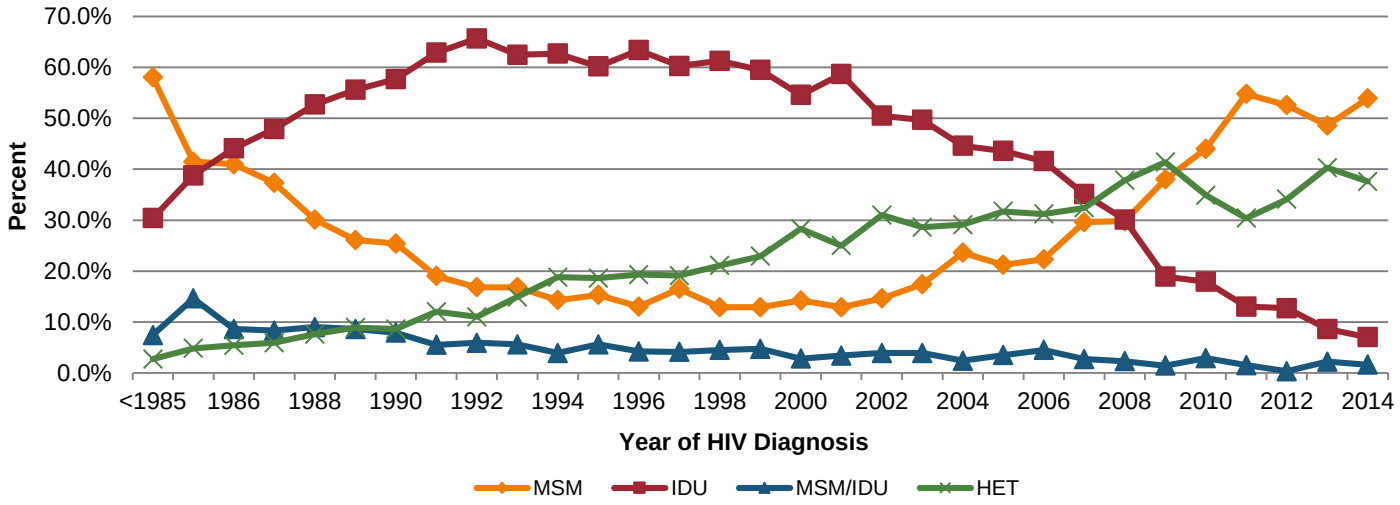
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2014, as Reported through 12/31/2015



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	153	3.9%	44.4%	32.0%	13.1%	5.9%	0.7%
1985	306	3.9%	40.8%	38.6%	14.1%	1.6%	1.0%
1986	436	3.4%	37.2%	40.1%	14.7%	3.2%	1.4%
1987	572	2.6%	31.3%	46.7%	14.2%	3.7%	1.6%
1988	879	1.5%	29.9%	47.6%	15.8%	4.1%	1.1%
1989	1,146	2.2%	28.4%	45.8%	18.6%	4.1%	1.0%
1990	1,195	1.9%	27.5%	45.0%	18.4%	5.2%	1.9%
1991	1,349	1.3%	24.5%	46.3%	22.1%	4.4%	1.3%
1992	1,334	1.3%	20.1%	49.3%	23.4%	4.3%	1.6%
1993	1,242	1.1%	18.9%	48.1%	24.2%	5.8%	1.8%
1994	1,134	0.9%	19.0%	45.9%	26.3%	6.3%	1.6%
1995	1,074	1.0%	16.7%	44.3%	27.7%	7.1%	3.2%
1996	979	0.9%	13.1%	43.2%	31.1%	9.1%	2.7%
1997	1,021	1.2%	14.6%	43.2%	30.1%	6.9%	4.1%
1998	988	1.9%	14.1%	39.4%	32.8%	9.1%	2.7%
1999	894	1.8%	11.5%	38.3%	33.3%	12.0%	3.1%
2000	836	2.2%	12.1%	34.8%	36.2%	10.4%	4.3%
2001	917	1.3%	13.0%	33.5%	36.3%	12.4%	3.5%
2002	1,062	4.0%	13.7%	31.1%	34.2%	13.1%	4.0%
2003	910	3.2%	13.8%	28.8%	34.0%	15.1%	5.2%
2004	923	2.8%	15.2%	26.7%	36.5%	14.4%	4.4%
2005	982	2.6%	14.6%	20.9%	40.2%	17.8%	3.9%
2006	993	3.3%	15.9%	21.6%	36.2%	16.9%	6.1%
2007	874	4.8%	18.1%	19.3%	35.4%	17.8%	4.6%
2008	814	4.4%	21.4%	17.4%	29.6%	19.8%	7.4%
2009	612	3.9%	24.0%	22.2%	27.6%	16.7%	5.6%
2010	603	4.1%	23.5%	16.9%	30.7%	20.4%	4.3%
2011	425	5.2%	32.9%	15.8%	23.8%	18.1%	4.2%
2012	448	6.0%	33.0%	15.0%	22.8%	17.0%	6.3%
2013	378	4.2%	32.3%	19.3%	18.8%	16.4%	9.0%
2014	303	2.0%	32.3%	25.7%	17.5%	17.2%	5.3%
Total	25,782	2.4%	20.4%	35.9%	27.7%	10.3%	3.3%

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	153	148	58.1%	30.4%	7.4%	2.7%	1.4%
1985	306	294	41.5%	38.8%	14.6%	4.8%	0.3%
1986	436	429	41.0%	44.1%	8.6%	5.4%	0.9%
1987	572	557	37.3%	47.9%	8.3%	5.9%	0.5%
1988	879	856	30.1%	52.7%	9.0%	7.6%	0.6%
1989	1,146	1,118	26.1%	55.6%	8.6%	8.9%	0.8%
1990	1,195	1,153	25.4%	57.7%	7.9%	8.6%	0.4%
1991	1,349	1,292	19.0%	62.9%	5.5%	12.0%	0.5%
1992	1,334	1,277	16.8%	65.7%	5.9%	11.0%	0.5%
1993	1,242	1,211	16.8%	62.5%	5.6%	14.9%	0.2%
1994	1,134	1,088	14.3%	62.7%	3.9%	18.8%	0.4%
1995	1,074	1,036	15.3%	60.2%	5.6%	18.6%	0.3%
1996	979	934	13.0%	63.4%	4.2%	19.3%	0.2%
1997	1,021	948	16.5%	60.3%	4.1%	19.1%	0.0%
1998	988	925	12.9%	61.3%	4.5%	21.1%	0.2%
1999	894	822	12.9%	59.5%	4.7%	22.9%	0.0%
2000	836	760	14.2%	54.6%	2.8%	28.3%	0.1%
2001	917	823	12.9%	58.7%	3.4%	25.0%	0.0%
2002	1,062	917	14.6%	50.5%	3.9%	31.0%	0.0%
2003	910	803	17.4%	49.7%	3.9%	28.6%	0.4%
2004	923	802	23.6%	44.6%	2.4%	29.1%	0.4%
2005	982	792	21.2%	43.6%	3.5%	31.7%	0.0%
2006	993	728	22.3%	41.6%	4.5%	31.2%	0.4%
2007	874	636	29.6%	35.1%	2.7%	32.4%	0.3%
2008	814	574	29.8%	30.1%	2.3%	37.8%	0.0%
2009	612	355	38.0%	18.9%	1.4%	41.4%	0.3%
2010	603	341	44.0%	17.9%	2.9%	34.9%	0.3%
2011	425	270	54.8%	13.0%	1.5%	30.4%	0.4%
2012	448	323	52.6%	12.7%	0.3%	34.1%	0.3%
2013	378	325	48.6%	8.6%	2.2%	40.3%	0.3%
2014	303	258	53.9%	7.0%	1.6%	37.6%	0.0%
Total	25,782	22,795	22.7%	51.3%	5.0%	20.7%	0.3%

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							First CD4 Test Result		
		No. with HIV Diagnosis	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late HIV Diagnosis	% Late HIV Diagnosis	No. with Test	% with Test	Median Count
21201	15,215	21	6.9%	138.0	15	71.4%	8	38.1%	16	76.2%	271
21202	20,782	19	6.3%	91.4	12	63.2%	***	***	15	78.9%	485
21205	12,578	12	4.0%	95.4	7	58.3%	***	***	8	66.7%	476
21206	33,281	16	5.3%	48.1	11	68.8%	5	31.3%	11	68.8%	385
21207	11,902	8	2.6%	67.2	7	87.5%	***	***	8	100.0%	315
21208	1,595	0	0.0%	0.0	--	--	--	--	--	--	--
21209	10,126	2	0.7%	19.8	***	***	***	***	***	***	***
21210	12,039	0	0.0%	0.0	--	--	--	--	--	--	--
21211	15,582	3	1.0%	19.3	***	***	***	***	***	***	***
21212	17,760	7	2.3%	39.4	6	85.7%	***	***	6	85.7%	420
21213	26,665	19	6.3%	71.3	17	89.5%	7	36.8%	17	89.5%	294
21214	17,289	10	3.3%	57.8	8	80.0%	***	***	9	90.0%	574
21215	48,615	24	7.9%	49.4	17	70.8%	5	20.8%	19	79.2%	407
21216	26,635	15	5.0%	56.3	14	93.3%	7	46.7%	14	93.3%	252
21217	30,544	39	12.9%	127.7	35	89.7%	10	25.6%	33	84.6%	495
21218	43,638	21	6.9%	48.1	18	85.7%	5	23.8%	18	85.7%	418
21222	1,585	0	0.0%	0.0	--	--	--	--	--	--	--
21223	21,355	29	9.6%	135.8	22	75.9%	6	20.7%	21	72.4%	296
21224	34,780	12	4.0%	34.5	10	83.3%	***	***	9	75.0%	212
21225	14,334	3	1.0%	20.9	***	***	***	***	***	***	***
21226	2,606	0	0.0%	0.0	--	--	--	--	--	--	--
21227	791	0	0.0%	0.0	--	--	--	--	--	--	--
21228	226	0	0.0%	0.0	--	--	--	--	--	--	--
21229	31,935	15	5.0%	47.0	11	73.3%	6	40.0%	9	60.0%	75
21230	29,092	9	3.0%	30.9	6	66.7%	***	***	7	77.8%	223
21231	13,790	5	1.7%	36.3	***	***	0	0.0%	***	***	***
21234	7,198	2	0.7%	27.8	***	***	***	***	***	***	***
21236	175	0	0.0%	0.0	--	--	--	--	--	--	--
21237	39	0	0.0%	0.0	--	--	--	--	--	--	--
21239	20,197	11	3.6%	54.5	8	73.0%	***	***	9	81.8%	379
21251	934	0	0.0%	0.0	--	--	--	--	--	--	--
Unknown	--	1	0.3%	--	1	100.0%	0	0	1	100.0%	521
Total	523,281	303	100.0%	57.9	237	78.2%	81	26.7%	240	79.2%	396

*** 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
21201	15,215	13	6.6%	85.4	3.0	61.5%
21202	20,782	11	5.6%	52.9	4.5	27.3%
21205	12,578	6	3.0%	47.7	7.0	33.3%
21206	33,281	10	5.1%	30.0	2.3	60.0%
21207	11,902	2	1.0%	16.8	***	***
21208	1,595	0	0.0%	0.0	--	--
21209	10,126	2	1.0%	19.8	***	***
21210	12,039	0	0.0%	0.0	--	--
21211	15,582	1	0.5%	6.4	***	***
21212	17,760	3	1.5%	16.9	***	***
21213	26,665	17	8.6%	63.8	4.2	47.1%
21214	17,289	6	3.0%	34.7	7.9	50.0%
21215	48,615	14	7.1%	28.8	4.7	28.6%
21216	26,635	10	5.1%	37.5	4.1	70.0%
21217	30,544	27	13.7%	88.4	4.6	40.7%
21218	43,638	20	10.2%	45.8	5.9	35.0%
21222	1,585	1	0.5%	63.1	***	***
21223	21,355	12	6.1%	56.2	3.1	41.7%
21224	34,780	6	3.0%	17.3	1.8	66.7%
21225	14,334	7	3.6%	48.8	9.9	0.0%
21226	2,606	0	0.0%	0.0	--	--
21227	791	0	0.0%	0.0	--	--
21228	226	0	0.0%	0.0	--	--
21229	31,935	12	6.1%	37.6	5.0	50.0%
21230	29,092	9	4.6%	30.9	4.9	44.4%
21231	13,790	4	2.0%	29.0	***	***
21234	7,198	1	0.5%	13.9	***	***
21236	175	0	0.0%	0.0	--	--
21237	39	0	0.0%	0.0	--	--
21239	20,197	2	1.0%	9.9	***	***
21251	934	0	0.0%	0.0	--	--
Unknown	--	1	0.5%	--	5.2	0.0%
Total	523,281	197	100.0%	37.6	4.6	44.2%

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

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.
Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.
Population Age 13+: Population age 13 years or older, estimate for 7/1/2014.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.
Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

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

Jurisdiction of Residence at Diagnosis	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
21201	15,215	251	4.6%	1,649.7	292	4.3%	1,919.2	543	4.5%	3,568.9	28
21202	20,782	360	6.6%	1,732.3	435	6.5%	2,093.2	795	6.5%	3,825.5	26
21205	12,578	271	5.0%	2,154.6	311	4.6%	2,472.7	582	4.8%	4,627.3	21
21206	33,281	232	4.3%	697.1	296	4.4%	889.4	528	4.3%	1,586.5	63
21207	11,902	134	2.5%	1,125.9	153	2.3%	1,285.5	287	2.4%	2,411.4	41
21208	1,595	6	0.1%	376.1	3	0.0%	188.0	9	0.1%	564.1	177
21209	10,126	28	0.5%	276.5	34	0.5%	335.8	62	0.5%	612.3	163
21210	12,039	22	0.4%	182.7	10	0.1%	83.1	32	0.3%	265.8	376
21211	15,582	62	1.1%	397.9	74	1.1%	474.9	136	1.1%	872.8	114
21212	17,760	128	2.4%	720.7	142	2.1%	799.6	270	2.2%	1,520.3	65
21213	26,665	396	7.3%	1,485.1	529	7.9%	1,983.9	925	7.6%	3,469.0	28
21214	17,289	73	1.3%	422.2	111	1.7%	642.0	184	1.5%	1,064.3	93
21215	48,615	487	8.9%	1,001.8	618	9.2%	1,271.2	1,105	9.1%	2,273.0	43
21216	26,635	315	5.8%	1,182.7	420	6.3%	1,576.9	735	6.0%	2,759.6	36
21217	30,544	623	11.4%	2,039.7	785	11.7%	2,570.1	1,408	11.6%	4,609.7	21
21218	43,638	559	10.3%	1,281.0	638	9.5%	1,462.0	1,197	9.8%	2,743.0	36
21222	1,585	12	0.2%	756.9	2	0.0%	126.1	14	0.1%	883.0	113
21223	21,355	345	6.3%	1,615.5	464	6.9%	2,172.8	809	6.7%	3,788.3	26
21224	34,780	203	3.7%	583.7	223	3.3%	641.2	426	3.5%	1,224.9	81
21225	14,334	111	2.0%	774.4	156	2.3%	1,088.3	267	2.2%	1,862.7	53
21226	2,606	12	0.2%	460.5	21	0.3%	805.8	33	0.3%	1,266.3	78
21227	791	***	***	***	***	***	***	***	***	***	***
21228	226	***	***	***	***	***	***	***	***	***	***
21229	31,935	269	4.9%	842.3	366	5.4%	1,146.1	635	5.2%	1,988.4	50
21230	29,092	163	3.0%	560.3	189	2.8%	649.7	352	2.9%	1,210.0	82
21231	13,790	108	2.0%	783.2	157	2.3%	1,138.5	265	2.2%	1,921.7	52
21234	7,198	16	0.3%	222.3	45	0.7%	625.1	61	0.5%	847.4	118
21236	175	***	***	***	***	***	***	***	***	***	***
21237	39	***	***	***	***	***	***	***	***	***	***
21239	20,197	134	2.5%	663.5	162	2.4%	802.1	296	2.4%	1,465.6	68
21251	934	***	***	***	***	***	***	***	***	***	***
Unknown	--	73	1.3%	--	67	1.0%	--	140	1.2%	--	--
Total	523,281	5,446	100.0%	1,040.7	6,717	100.0%	1,283.6	12,163	100.0%	2,324.4	43

*** 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	
21201	15,215	543	4.5%	3,568.9	28	590	4.8%	3,877.9	25	8.7%	438	4.4%	2,878.8	34	-19.3%
21202	20,782	795	6.5%	3,825.5	26	776	6.4%	3,734.1	26	-2.4%	556	5.6%	2,675.4	37	-30.1%
21205	12,578	582	4.8%	4,627.3	21	428	3.5%	3,402.9	29	-26.5%	342	3.4%	2,719.1	36	-41.2%
21206	33,281	528	4.3%	1,586.5	63	622	5.1%	1,868.9	53	17.8%	554	5.6%	1,664.6	60	4.9%
21207	11,902	287	2.4%	2,411.4	41	225	1.8%	1,890.5	52	-21.6%	190	1.9%	1,596.4	62	-33.8%
21208	1,595	9	0.1%	564.1	177	8	0.1%	501.4	199	-11.1%	7	0.1%	438.8	227	-22.2%
21209	10,126	62	0.5%	612.3	163	65	0.5%	641.9	155	4.8%	57	0.6%	562.9	177	-8.1%
21210	12,039	32	0.3%	265.8	376	47	0.4%	390.4	256	46.9%	38	0.4%	315.6	316	18.8%
21211	15,582	136	1.1%	872.8	114	160	1.3%	1,026.8	97	17.6%	131	1.3%	840.7	118	-3.7%
21212	17,760	270	2.2%	1,520.3	65	291	2.4%	1,638.5	61	7.8%	245	2.5%	1,379.5	72	-9.3%
21213	26,665	925	7.6%	3,469.0	28	917	7.5%	3,439.0	29	-0.9%	769	7.7%	2,884.0	34	-16.9%
21214	17,289	184	1.5%	1,064.3	93	222	1.8%	1,284.1	77	20.7%	196	2.0%	1,133.7	88	6.5%
21215	48,615	1,105	9.1%	2,273.0	43	1,155	9.5%	2,375.8	42	4.5%	963	9.7%	1,980.9	50	-12.9%
21216	26,635	735	6.0%	2,759.6	36	734	6.0%	2,755.8	36	-0.1%	597	6.0%	2,241.5	44	-18.8%
21217	30,544	1,408	11.6%	4,609.7	21	1,399	11.5%	4,580.3	21	-0.6%	1,128	11.3%	3,693.0	27	-19.9%
21218	43,638	1,197	9.8%	2,743.0	36	1,172	9.6%	2,685.7	37	-2.1%	944	9.5%	2,163.2	46	-21.1%
21222	1,585	14	0.1%	883.0	113	15	0.1%	946.1	105	7.1%	14	0.1%	883.0	113	0.0%
21223	21,355	809	6.7%	3,788.3	26	810	6.6%	3,793.0	26	0.1%	659	6.6%	3,085.9	32	-18.5%
21224	34,780	426	3.5%	1,224.9	81	392	3.2%	1,127.1	88	-8.0%	317	3.2%	911.5	109	-25.6%
21225	14,334	267	2.2%	1,862.7	53	267	2.2%	1,862.7	53	0.0%	224	2.2%	1,562.7	63	-16.1%
21226	2,606	33	0.3%	1,266.3	78	33	0.3%	1,266.3	78	0.0%	26	0.3%	997.7	100	-21.2%
21227	791	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21228	226	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21229	31,935	635	5.2%	1,988.4	50	670	5.5%	2,098.0	47	5.5%	592	5.9%	1,853.8	53	-6.8%
21230	29,092	352	2.9%	1,210.0	82	378	3.1%	1,299.3	76	7.4%	308	3.1%	1,058.7	94	-12.5%
21231	13,790	265	2.2%	1,921.7	52	283	2.3%	2,052.2	48	6.8%	215	2.2%	1,559.1	64	-18.9%
21234	7,198	61	0.5%	847.4	118	66	0.5%	916.9	109	8.2%	61	0.6%	847.4	118	0.0%
21236	175	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21237	39	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21239	20,197	296	2.4%	1,465.6	68	333	2.7%	1,648.8	60	12.5%	297	3.0%	1,470.5	68	0.3%
21251	934	***	***	***	***	***	***	***	***	***	***	***	***	***	***
Unknown	--	140	1.2%	--	--	139	1.1%	--	--	-0.7%	100	1.0%	--	--	-28.6%
Total	523,281	12,163	100.0%	2,324.4	43	12,209	100.0%	2,333.2	42	0.4%	9,973	100.0%	1,905.9	52	-18.0%

*** 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+
21201	543	300	55.2%	553	14.7%	12.3%	15.3%	57.7%
21202	795	422	53.1%	532	11.6%	13.7%	19.7%	55.0%
21205	582	334	57.4%	549	11.1%	12.3%	17.7%	59.0%
21206	528	344	65.2%	543	9.0%	13.4%	22.4%	55.2%
21207	287	173	60.3%	564	13.3%	11.0%	16.2%	59.5%
21208	***	***	***	***	***	***	***	***
21209	62	30	48.4%	553	10.0%	23.3%	10.0%	56.7%
21210	32	18	56.3%	525	0.0%	16.7%	22.2%	61.1%
21211	136	80	58.8%	588	8.8%	11.3%	17.5%	62.5%
21212	270	165	61.1%	542	13.3%	12.1%	18.2%	56.4%
21213	925	594	64.2%	496	12.8%	16.5%	21.5%	49.2%
21214	184	121	65.8%	570	14.0%	6.6%	23.1%	56.2%
21215	1,105	669	60.5%	507	14.6%	17.2%	16.7%	51.4%
21216	735	434	59.0%	486	14.5%	19.1%	18.7%	47.7%
21217	1,408	833	59.2%	515	14.5%	14.6%	19.6%	51.3%
21218	1,197	713	59.6%	529	14.6%	14.4%	16.5%	54.4%
21222	14	5	35.7%	594	0.0%	20.0%	20.0%	60.0%
21223	809	479	59.2%	492	15.4%	15.7%	19.6%	49.3%
21224	426	282	66.2%	564	11.3%	13.8%	18.8%	56.0%
21225	267	171	64.0%	501	17.5%	17.5%	14.6%	50.3%
21226	33	14	42.4%	679	7.1%	14.3%	14.3%	64.3%
21227	***	***	***	***	***	***	***	***
21228	***	***	***	***	***	***	***	***
21229	635	427	67.2%	535	13.6%	14.8%	17.6%	54.1%
21230	352	217	61.6%	503	10.6%	16.6%	22.1%	50.7%
21231	265	157	59.2%	510	14.0%	11.5%	23.6%	51.0%
21234	61	36	59.0%	508	25.0%	11.1%	13.9%	50.0%
21236	***	***	***	***	***	***	***	***
21237	***	***	***	***	***	***	***	***
21239	296	194	65.5%	558	11.9%	12.4%	19.1%	56.7%
21251	***	***	***	***	***	***	***	***
Unknown	140	64	45.7%	591	4.7%	21.9%	15.6%	57.8%
Total	12,163	7,310	60.1%	525	13.3%	14.7%	18.7%	53.3%

*** 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
21201	543	269	49.5%	72.5%	15,275
21202	795	338	42.5%	71.0%	9,825
21205	582	250	43.0%	68.8%	3,642
21206	528	296	56.1%	75.0%	7,538
21207	287	163	56.8%	76.7%	11,007
21208	9	5	55.6%	80.0%	1,420
21209	62	32	51.6%	75.0%	13,805
21210	32	18	56.3%	94.4%	4,290
21211	136	67	49.3%	79.1%	52,542
21212	270	147	54.4%	72.8%	17,926
21213	925	474	51.2%	65.6%	6,380
21214	184	100	54.3%	80.0%	12,843
21215	1,105	604	54.7%	71.2%	8,384
21216	735	391	53.2%	71.1%	11,240
21217	1,408	764	54.3%	69.8%	7,973
21218	1,197	609	50.9%	71.6%	7,730
21222	14	***	***	***	***
21223	809	450	55.6%	68.7%	5,770
21224	426	215	50.5%	67.4%	7,771
21225	267	137	51.3%	65.7%	12,303
21226	33	11	33.3%	72.7%	6,045
21227	***	***	***	***	***
21228	***	***	***	***	***
21229	635	367	57.8%	71.1%	6,569
21230	352	177	50.3%	71.8%	23,236
21231	265	122	46.0%	72.1%	7,052
21234	61	32	52.5%	68.8%	13,278
21236	***	***	***	***	***
21237	***	***	***	***	***
21239	296	164	55.4%	69.5%	8,717
21251	***	***	***	***	***
Unknown	140	59	42.1%	69.5%	5,256
Total	12,163	6,289	51.7%	70.8%	8,244

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

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

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

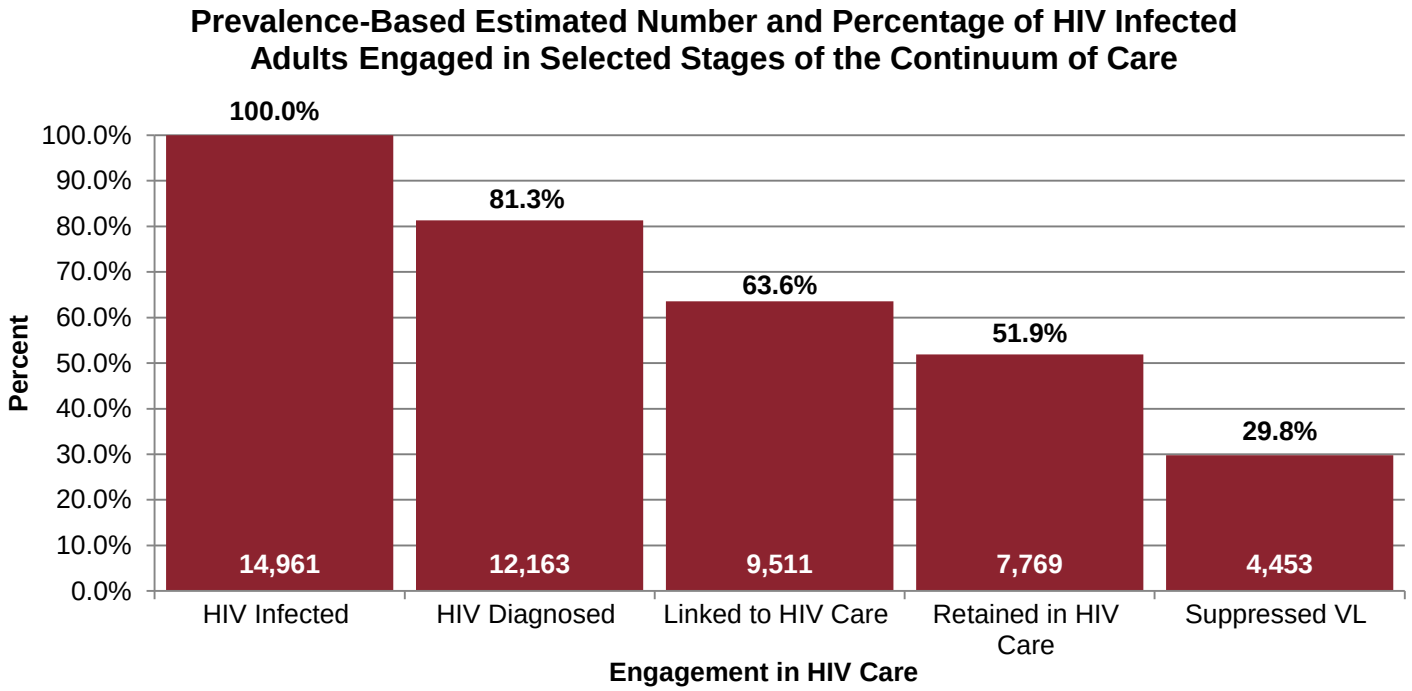
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

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

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

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

In their 2011 article in Clinical Infectious Diseases, Gardner et al.[1] utilize a continuum of care "cascade" to illustrate estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care. The prevalence-based Baltimore City Engagement in HIV Care Cascade (below) uses a CDC estimate of the percent of undiagnosed persons in Maryland (18.7%)[2] to generate an estimated number of HIV infected persons in Baltimore City. It then uses local data to describe the number and percentage of persons living with HIV in Baltimore City who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Number	Percentage
HIV Infected	14,961	100.0%
HIV Diagnosed	12,163	81.3%
Linked to HIV Care	9,511	63.6%
Retained in HIV Care	7,769	51.9%
Suppressed VL	4,453	29.8%

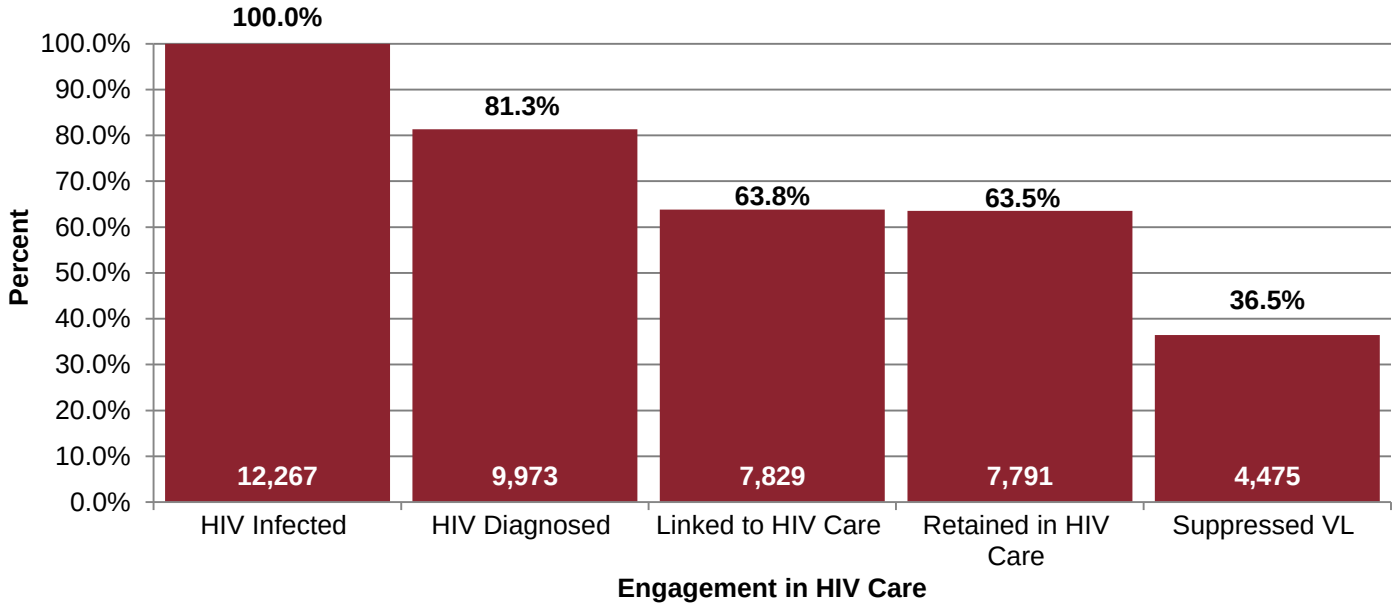
HIV Infected: HIV Diagnosed divided by one minus the estimate of undiagnosed HIV infections (18.7%) in Maryland.
HIV Diagnosed: Adult/adolescent total living HIV cases as of December 31st of the specified year.
Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV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

[1] Gardner et al, "The Spectrum of Engagement in HIV Care and its Relevance to Test-and-Treat Strategies for Prevention of HIV Infection." Clin Infect Dis. 2011; 52 (6): 793- 800.
[2] Centers for Disease Control and Prevention, Morbidity and Mortality Weekly Report, June 26, 2015.

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

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

Prevalence-Based Estimated Number and Percentage of HIV Infected Adults Engaged in Selected Stages of the Continuum of Care



Continuum of Care Stage	Number	Percentage
HIV Infected	12,267	100.0%
HIV Diagnosed	9,973	81.3%
Linked to HIV Care	7,829	63.8%
Retained in HIV Care	7,791	63.5%
Suppressed VL	4,475	36.5%

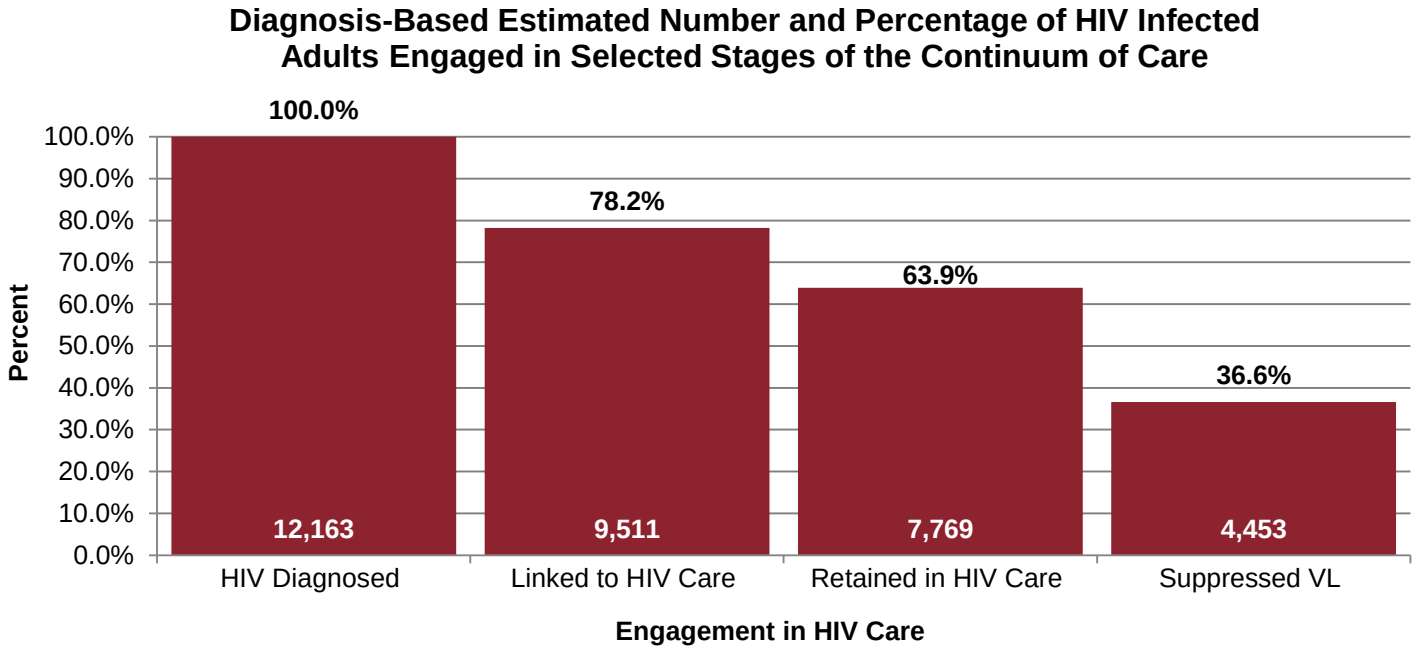
HIV Infected: HIV Diagnosed divided by one minus the estimate of undiagnosed HIV infections (18.7%) in Maryland.
HIV Diagnosed: Adult/adolescent total living HIV as of December 31st of the specified year with a recent address in Maryland between 2009 and 2015.
Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.
Retained in HIV Care: HIV Diagnosed with a CD4 or viral load test result reported in the 12 months prior to December 31st of the specified year.
Suppressed Viral Load: HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

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

[1] 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 12/31/2015

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

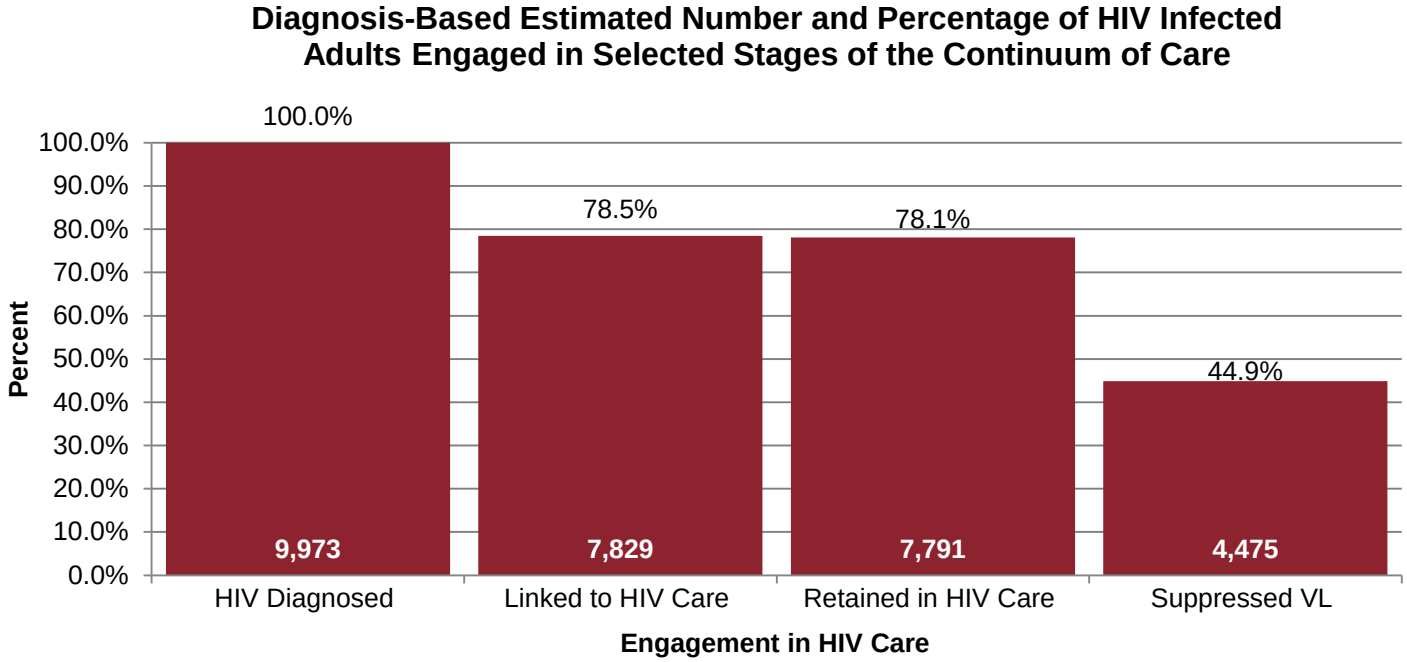


Continuum of Care Stage	Number	Percentage
HIV Diagnosed	12,163	100.0%
Linked to HIV Care	9,511	78.2%
Retained in HIV Care	7,769	63.9%
Suppressed VL	4,453	36.6%

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

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

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



Continuum of Care Stage	Number	Percentage
HIV Diagnosed	9,973	100.0%
Linked to HIV Care	7,829	78.5%
Retained in HIV Care	7,791	78.1%
Suppressed VL	4,475	44.9%

HIV Diagnosed: Adult/adolescent total living HIV as of December 31st of the specified year with a recent address in Maryland between 2009 and 2015.
Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.
Retained in HIV Care: HIV Diagnosed with a CD4 or viral load test result reported in the 12 months prior to December 31st of the specified year
Suppressed Viral Load: HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

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

Section IV – Cases by Age

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

Age at HIV Diagnosis	Population	Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late Diagnosis	% Late Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
<5 (Pediatric)	41,767	2	0.7%	4.8	***	***	***	***	***	***	***
5-12 (Pediatric)	57,745	0	0.0%	0.0	***	***	***	***	***	***	***
13-19	50,011	6	2.0%	12.0	6	100.0%	***	***	6	100.0%	560
20-29	112,619	98	32.1%	87.0	72	73.5%	12	12.2%	75	76.5%	399
30-39	91,914	78	25.6%	84.9	65	83.3%	23	29.5%	60	76.9%	429
40-49	73,458	53	17.4%	72.2	40	75.5%	17	32.1%	43	81.1%	323
50-59	83,890	52	17.0%	62.0	41	78.8%	20	38.5%	43	82.7%	276
60+	111,389	16	5.2%	14.4	13	81.3%	8	50.0%	13	81.3%	186
Total	622,793	305	100.0%	49.0	239	78.4%	82	26.9%	241	79.0%	398

*** 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)	41,767	1	0.5%	2.4	***	***
5-12 (Pediatric)	57,745	0	0.0%	0.0	--	--
13-19	50,011	0	0.0%	0.0	--	--
20-29	112,619	29	14.6%	25.8	3.8	44.8%
30-39	91,914	40	20.1%	43.5	2.3	60.0%
40-49	73,458	57	28.6%	77.6	5.1	36.8%
50-59	83,890	52	26.1%	62.0	6.2	38.5%
60+	111,389	20	10.1%	18.0	6.2	45.0%
Total	622,793	199	100.0%	32.0	4.7	44.2%

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

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

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

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

Age On 12/31/2014	Population	Living HIV Cases without AIDS			Living HIV Cases with AIDS			Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5	41,767	3	0.1%	7.2	1	0.0%	2.4	4	0.0%	9.6	10,441
5-12	57,745	17	0.3%	29.4	2	0.0%	3.5	19	0.2%	32.9	3,039
13-19	50,011	50	0.9%	100.0	24	0.4%	48.0	74	0.6%	148.0	675
20-29	112,619	769	13.9%	682.8	376	5.5%	333.9	1,145	9.2%	1,016.7	98
30-39	91,914	969	17.5%	1,054.2	696	10.2%	757.2	1,665	13.4%	1,811.5	55
40-49	73,458	1,304	23.5%	1,775.2	1,702	24.9%	2,317.0	3,006	24.3%	4,092.1	24
50-59	83,890	1,668	30.1%	1,988.3	2,765	40.5%	3,296.0	4,433	35.8%	5,284.3	18
60+	111,389	770	13.9%	691.3	1,269	18.6%	1,139.3	2,039	16.5%	1,830.5	54
Total	622,793	5,550	100.0%	891.1	6,835	100.0%	1,097.5	12,385	100.0%	1,988.6	50

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	25	19	76.0%	471	0.0%	15.8%	36.8%	47.4%
20-29	1,000	622	62.2%	499	12.2%	14.0%	24.0%	49.8%
30-39	1,660	1,006	60.6%	540	12.4%	12.6%	19.7%	55.3%
40-49	3,006	1,734	57.7%	520	15.2%	14.8%	17.2%	52.8%
50-59	4,433	2,749	62.0%	534	13.8%	14.8%	17.7%	53.8%
60+	2,039	1,180	57.9%	515	10.9%	16.8%	19.3%	53.0%
Total	12,163	7,310	60.1%	525	13.3%	14.7%	18.7%	53.3%

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	25	19	76.0%	26.3%	4,718
20-29	1,000	625	62.5%	55.0%	8,860
30-39	1,660	932	56.1%	66.3%	10,641
40-49	3,006	1,510	50.2%	68.6%	11,010
50-59	4,433	2,291	51.7%	74.7%	6,383
60+	2,039	912	44.7%	81.0%	5,610
Total	12,163	6,289	51.7%	70.8%	8,244

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	242,610	221	72.9%	91.1	168	76.0%	57	25.8%	172	77.8%	396
Female	280,671	82	27.1%	29.2	69	84.1%	24	29.3%	68	82.9%	377
Total	523,281	303	100.0%	57.9	237	78.2%	81	26.7%	240	79.2%	396

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	21,965	13	4.3%	59.2	9	69.2%	***	***	10	76.9%	228
Non-Hispanic	501,315	290	95.7%	57.8	228	78.6%	***	***	230	79.3%	399
American Indian/Alaska Native, only	1,568	***	***	***	***	***	***	***	***	***	***
Asian, only	14,599	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
Black, only	321,492	247	81.5%	76.8	197	79.8%	64	26.7%	194	78.5%	389
Native Hawaiian/ Other Pacific Islander, only	203	***	***	***	***	***	***	***	***	***	***
White only	156,183	27	8.9%	17.3	18	66.7%	7	25.9%	21	77.8%	426
Multiracial/ Other	7,271	16	5.3%	220.1	13	81.3%	4	25.0%	15	93.8%	600
Total	523,281	303	100.0%	57.9	227	78.2%	81	26.7%	240	79.2%	396

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	480,135	270	89.1%	56.2	206	76.3%	71	26.3%	211	78.1%	399
Foreign-born	44,607	3	1.0%	6.7	***	***	***	***	***	***	***
Africa	--	2	0.7%	--	***	***	***	***	***	***	***
Asia	--	0	0.0%	--	0	0.0%	0	0.0%	0	0.0%	--
Caribbean	--	1	0.3%	--	***	***	***	***	***	***	***
Central America	--	0	0.0%	--	0	0.0%	0	0.0%	0	0.0%	--
Other	--	0	0.0%	--	0	0.0%	0	0.0%	0	0.0%	--
Unknown	--	30	9.9%	--	28	93.3%	8	26.7%	26	86.7%	385
Total	524,742	303	100.0%	57.7	237	78.2%	81	26.7%	240	79.2%	396

* 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	242,610	123	62.4%	50.7	4.4	50.4%
Female	280,671	74	37.6%	26.4	5.1	33.8%
Total	523,281	197	100.0%	37.6	4.6	44.2%

Race/Ethnicity	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	21,965	7	3.6%	31.9	1.5	57.1%
Non-Hispanic	501,315	190	96.4%	37.9	4.8	43.7%
American Indian/Alaska Native, only	1,568	0	0.0%	0.0	--	0.0%
Asian, only	14,599	0	0.0%	0.0	--	0.0%
Black, only	321,492	161	81.7%	50.1	4.8	44.7%
Native Hawaiian/Other Pacific Islander, only	203	0	0.0%	0.0	--	0.0%
White only	156,183	16	8.1%	10.2	4.4	43.8%
Multiracial/Other	7,271	13	6.6%	178.8	4.9	30.8%
Total	523,281	197	100.0%	37.6	4.6	44.2%

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	480,135	185	93.9%	38.5	4.9	41.1%
Foreign-born	44,607	3	1.5%	6.7	***	***
Africa	--	1	0.5%	--	***	***
Asia	--	0	0.0%	--	--	--
Caribbean	--	1	0.5%	--	***	***
Central America	--	0	0.0%	--	--	--
Other	--	1	0.5%	--	***	***
Unknown	--	9	4.6%	--	0.1	100.0%
Total	524,742	197	100.0%	37.5	4.6	44.2%

* 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	242,610	3,517	64.6%	1,449.7	4,208	62.6%	1,734.5	7,725	63.5%	3,184.1	31
Female	280,671	1,929	35.4%	687.3	2,509	37.4%	893.9	4,438	36.5%	1,581.2	63
Total	523,281	5,446	100.0%	1,040.7	6,717	100.0%	1,283.6	12,163	100.0%	2,324.4	43

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	21,965	122	2.2%	555.4	180	2.7%	819.5	302	2.5%	1,374.9	72
Non-Hispanic	501,315	5,324	97.8%	1,062.0	6,537	97.3%	1,304.0	11,861	97.5%	2,366.0	42
American Indian/Alaska Native, only	1,568	***	***	***	***	***	***	***	***	***	***
Asian, only	14,599	16	0.3%	109.6	7	0.1%	47.9	23	0.2%	157.5	634
Black, only	321,492	4,540	83.4%	1,412.2	5,601	83.4%	1,742.2	10,141	83.4%	3,154.4	31
Native Hawaiian/ Other Pacific Islander, only	203	***	***	***	***	***	***	***	***	***	***
White only	156,183	584	10.7%	373.9	611	9.1%	391.2	1,195	9.8%	765.1	130
Multiracial/ Other	7,271	176	3.2%	2,420.6	314	4.7%	4,318.5	490	4.0%	6,739.1	14
Total	523,281	5,446	100.0%	1,040.7	6,717	100.0%	1,283.6	12,163	100.0%	2,324.4	43

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	480,135	5,216	95.8%	1,086.4	6,508	96.9%	1,355.5	11,724	96.4%	2,441.8	40
Foreign-born	44,607	61	1.1%	136.8	131	2.0%	293.7	192	1.6%	430.4	232
Africa	--	22	0.4%	--	65	1.0%	--	87	0.7%	--	--
Asia	--	6	0.1%	--	6	0.1%	--	12	0.1%	--	--
Caribbean	--	8	0.2%	--	14	0.2%	--	22	0.2%	--	--
Central America	--	13	0.2%	--	28	0.4%	--	41	0.3%	--	--
Other	--	12	0.2%	--	18	0.3%	--	30	0.3%	--	--
Unknown	--	169	3.1%	--	78	1.2%	--	247	2.0%	--	--
Total	524,742	5,446	100.0%	1,037.8	6,717	100.0%	1,280.1	12,163	100.0%	2,317.9	43

* 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	7,725	4,437	57.4%	505	13.0%	15.1%	21.0%	50.8%
Female	4,438	2,873	64.7%	567	13.7%	14.1%	15.1%	57.0%
Total	12,163	7,310	60.1%	525	13.3%	14.7%	18.7%	53.3%

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	302	183	60.6%	515	11.5%	15.3%	21.3%	51.9%
Non-Hispanic	11,861	7,127	60.1%	525	13.4%	14.7%	18.6%	53.3%
American Indian/Alaska Native, only	***	***	***	***	***	***	***	***
Asian, only	23	9	39.1%	460	0.0%	22.2%	44.4%	33.3%
Black, only	10,141	6,145	60.6%	521	13.4%	15.0%	18.9%	52.8%
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***	***	***	***
White only	1,195	612	51.2%	581	10.9%	12.7%	16.0%	60.3%
Multiracial/Other	490	358	73.1%	500	17.6%	14.2%	18.2%	50.0%
Total	12,163	7,310	60.1%	525	13.3%	14.7%	18.7%	53.3%

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	11,724	7,030	60.0%	526	13.3%	14.8%	18.6%	53.3%
Foreign-born	192	100	52.1%	503	10.0%	15.0%	24.0%	51.0%
Africa	87	49	56.3%	499	10.2%	14.3%	26.5%	49.0%
Asia	12	5	41.7%	503	0.0%	0.0%	20.0%	80.0%
Caribbean	22	12	54.5%	553	8.3%	8.3%	25.0%	58.3%
Central America	41	17	41.5%	476	11.8%	23.5%	23.5%	41.2%
Other	30	17	56.7%	562	11.8%	17.6%	17.6%	52.9%
Unknown	247	180	72.9%	509	13.9%	14.4%	19.4%	52.2%
Total	12,163	7,310	60.1%	525	13.3%	14.7%	18.7%	53.3%

*** 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	7,725	3,772	48.8%	72.2%	9,772
Female	4,438	2,517	56.7%	68.8%	7,071
Total	12,163	6,289	51.7%	70.8%	8,244

Race/Ethnicity	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	302	156	51.7%	73.1%	12,097
Non-Hispanic	11,861	6,133	51.7%	70.7%	8,244
American Indian/Alaska Native, only	***	***	***	***	***
Asian, only	23	9	39.1%	77.8%	21,920
Black, only	10,141	5,292	52.2%	69.9%	8,128
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***
White only	1,195	520	43.5%	80.0%	11,190
Multiracial/Other	490	309	63.1%	68.6%	8,845
Total	12,163	6,289	51.7%	70.8%	8,244

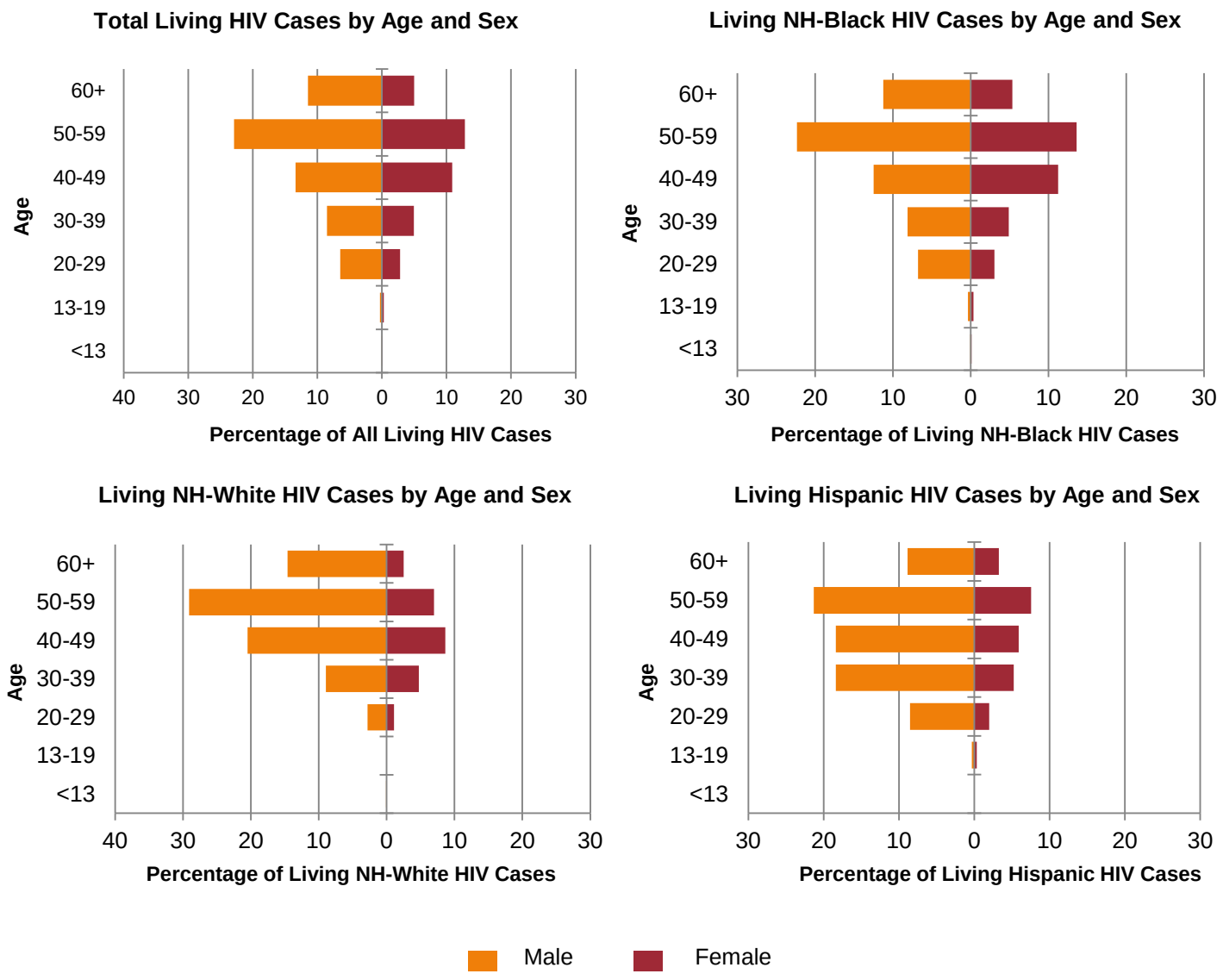
Country of Birth	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
United States	11,724	6,035	51.5%	70.7%	8,375
Foreign-born	192	82	42.7%	80.5%	2,157
Africa	87	43	49.4%	81.4%	2,157
Asia	12	4	33.3%	***	***
Caribbean	22	13	59.1%	92.3%	257
Central America	41	12	29.3%	75.0%	3,020
Other	30	10	33.3%	70.0%	1,617
Unknown	247	172	69.6%	71.5%	6,190
Total	12,163	6,289	51.7%	70.8%	8,244

*** 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	3,912	33,920	10,100	2,918	50,850
	Cases	0	8	1	0	9
	Rate	0.0	23.6	9.9	0.0	17.7
	Ratio (1 in X)	--	4,239	10,099	--	5,650
13-19	Population	1,268	17,674	4,570	1,357	24,869
	Cases	1	34	0	2	37
	Rate	78.9	192.4	0.0	147.4	148.8
	Ratio (1 in X)	1,267	519	--	678	672
20-29	Population	3,306	29,927	16,804	3,294	53,331
	Cases	26	700	34	40	800
	Rate	786.4	2,339.0	202.3	1,214.3	1,500.1
	Ratio (1 in X)	127	42	494	82	66
30-39	Population	3,660	21,290	16,411	2,648	44,009
	Cases	56	838	108	52	1,054
	Rate	1,530.1	3,936.1	658.1	1,963.7	2,395.0
	Ratio (1 in X)	65	25	151	50	41
40-49	Population	2,028	21,285	10,441	1,439	35,193
	Cases	56	1,291	247	66	1,660
	Rate	2,761.3	6,065.3	2,365.7	4,586.5	4,716.8
	Ratio (1 in X)	36	16	42	21	21
50-59	Population	1,114	25,460	11,304	1,184	39,062
	Cases	***	2,311	351	***	2,840
	Rate	***	9,077.0	3,105.1	***	7,270.5
	Ratio (1 in X)	***	11	32	***	13
60+	Population	822	27,309	16,865	1,150	46,146
	Cases	***	1,162	176	***	1,421
	Rate	***	4,255.0	1,043.6	***	3,079.4
	Ratio (1 in X)	***	23	95	***	32
Total Males by Race/Ethnicity	Population	16,110	176,865	86,495	13,990	293,460
	Cases	231	6,344	917	329	7,821
	Rate	1,433.9	3,586.9	1,060.2	2,351.7	2,665.1
	Ratio (1 in X)	69	27	94	42	37

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	3,570	32,589	9,597	2,907	48,662
	Cases	0	13	0	1	14
	Rate	0.0	39.9	0.0	34.4	28.8
	Ratio (1 in X)	--	2,506	--	2,906	3,475
13-19	Population	1,128	17,806	4,706	1,501	25,142
	Cases	1	36	0	0	37
	Rate	88.7	202.2	0.0	0.0	147.2
	Ratio (1 in X)	1,127	494	--	--	679
20-29	Population	2,705	34,101	18,627	3,855	59,288
	Cases	6	315	13	11	345
	Rate	221.8	923.7	69.8	285.3	581.9
	Ratio (1 in X)	450	108	1,432	350	171
30-39	Population	2,707	26,824	15,469	2,905	47,905
	Cases	16	506	57	32	611
	Rate	591.1	1,886.4	368.5	1,101.5	1,275.4
	Ratio (1 in X)	169	53	271	90	78
40-49	Population	1,482	25,556	9,664	1,563	38,265
	Cases	18	1,164	104	60	1,346
	Rate	1,214.6	4,554.7	1,076.2	3,838.8	3,517.6
	Ratio (1 in X)	82	21	92	26	28
50-59	Population	896	31,614	11,125	1,193	44,828
	Cases	***	1,408	84	***	1,593
	Rate	***	4,453.7	755.1	***	3,553.6
	Ratio (1 in X)	***	22	132	***	28
60+	Population	850	42,645	20,196	1,552	65,243
	Cases	***	556	30	***	618
	Rate	***	1,303.8	148.5	***	947.2
	Ratio (1 in X)	***	76	673	***	105
Total Females by Race/Ethnicity	Population	13,338	211,135	89,384	15,476	329,333
	Cases	74	3,998	288	204	4,564
	Rate	554.8	1,893.6	322.2	1,318.2	1,385.8
	Ratio (1 in X)	180	52	310	75	72

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	258	100.0%	206	79.8%	64	24.8%	210	81.4%	408
Men who have Sex with Men (MSM)	139	53.9%	114	82.0%	32	23.0%	116	83.5%	428
Injection Drug Users (IDU)	18	7.0%	10	55.6%	6	33.3%	14	77.8%	283
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	97	37.6%	79	81.4%	26	26.8%	76	78.4%	401
Other Exposure	***	***	***	***	***	***	***	***	***
No Reported Exposure	45		31	68.9%	17	37.8%	30	66.7%	143
Total	303		237	78.2%	81	26.7%	240	79.2%	396

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	185	100.0%	145	78.4%	45	24.3%	149	80.5%	408
Men who have Sex with Men (MSM)	139	75.1%	114	82.0%	32	23.0%	116	83.5%	428
Injection Drug Users (IDU)	10	5.4%	6	60.0%	***	***	7	70.0%	260
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	32	17.3%	22	68.8%	9	28.1%	22	68.8%	344
Other Exposure	***	***	***	***	***	***	***	***	***
No Reported Exposure	36		23	63.9%	12	33.3%	23	63.9%	198
Total	221		168	76.0%	57	25.8%	172	77.8%	396

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	73	100.0%	61	83.6%	19	26.0%	61	83.6%	407
Injection Drug Users (IDU)	8	11.0%	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	65	89.0%	***	***	17	26.2%	***	***	***
Other Exposure	0	0.0%	--	--	--	--	--	--	--
No Reported Exposure	9		8	88.9%	***	***	7	77.8%	82
Total	82		69	84.1%	24	29.3%	69	82.9%	377

*** 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	164	100.0%	5.0	42.1%
Men who have Sex with Men (MSM)	53	32.3%	2.8	60.4%
Injection Drug Users (IDU)	38	23.2%	9.0	13.2%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***
Heterosexual Exposure (HET)	70	42.7%	4.2	45.7%
Other Exposures	***	***	***	***
No Reported Exposure*	33		3.0	54.5%
Total	197		4.6	44.2%

Male Exposure Category	Adult/Adolescent AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	103	100.0%	4.6	47.6%
Men who have Sex with Men (MSM)	53	51.5%	2.8	60.4%
Injection Drug Users (IDU)	23	22.3%	9.1	17.4%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***
Heterosexual Exposure (HET)	24	23.3%	3.7	54.2%
Other Exposures	***	***	***	***
No Reported Exposure	20		3.1	65.0%
Total	123		4.4	50.4%

Female Exposure Category	Adult/Adolescent AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	61	100.0%	5.5	32.8%
Injection Drug Users (IDU)	15	24.6%	8.8	6.7%
Heterosexual Exposure (HET)	46	75.4%	4.5	41.3%
Other Exposures	0	0.0%	--	--
No Reported Exposure*	13		3.0	38.5%
Total	74		5.1	33.8%

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

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.
Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.
Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to12 months prior to their initial AIDS diagnosis.

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

Exposure Category	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	4,047	100.0%	6,034	100.0%	10,081	100.0%
Men who have Sex with Men (MSM)	1,430	35.3%	1,430	23.7%	2,860	28.4%
Injection Drug Users (IDU)	1,204	29.8%	2,525	41.8%	3,729	37.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	125	3.1%	286	4.7%	411	4.1%
Heterosexual Exposure (HET)	1,278	31.6%	1,778	29.5%	3,056	30.3%
Other Exposures	10	0.2%	15	0.2%	25	0.2%
No Reported Exposure*	1,399		683		2,082	
Total	5,446		6,717		12,163	

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	2,714	100.0%	3,825	100.0%	6,539	100.0%
Men who have Sex with Men (MSM)	1,430	52.7%	1,430	37.4%	2,860	43.7%
Injection Drug Users (IDU)	724	26.7%	1,506	39.4%	2,230	34.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	125	4.6%	286	7.5%	411	6.3%
Heterosexual Exposure (HET)	431	15.9%	595	15.6%	1,026	15.7%
Other Exposures	4	0.1%	8	0.2%	12	0.2%
No Reported Exposure	803		383		1,186	
Total	3,517		4,208		7,725	

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	1,333	100.0%	2,209	100.0%	3,542	100.0%
Injection Drug Users (IDU)	480	36.0%	1,019	46.1%	1,499	42.3%
Heterosexual Exposure (HET)	847	63.5%	1,183	53.6%	2,030	57.3%
Other Exposures	6	0.5%	7	0.3%	13	0.4%
No Reported Exposure*	596		300		896	
Total	1,929		2,509		4,438	

* Includes 60 HIV cases without AIDS and 20 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	251	100.0%	8,347	100.0%	1,029	100.0%
Men who have Sex with Men (MSM)	102	40.6%	2,034	24.4%	567	55.1%
Injection Drug Users (IDU)	56	22.3%	3,268	39.2%	254	24.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	9	3.6%	340	4.1%	42	4.1%
Heterosexual Exposure (HET)	84	33.5%	2,684	32.2%	163	15.8%
Other Exposures	0	0.0%	21	0.3%	3	0.3%
No Reported Exposure*	51		1,794		166	
Total	302		10,141		1,195	

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	197	100.0%	5,269	100.0%	790	100.0%
Men who have Sex with Men (MSM)	102	51.8%	2,034	38.6%	567	71.8%
Injection Drug Users (IDU)	39	19.8%	2,002	38.0%	124	15.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	9	4.6%	340	6.5%	42	5.3%
Heterosexual Exposure (HET)	47	23.9%	884	16.8%	55	7.0%
Other Exposures	0	0.0%	9	0.2%	2	0.3%
No Reported Exposure	33		991		121	
Total	230		6,260		911	

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	54	100.0%	3,078	100.0%	239	100.0%
Injection Drug Users (IDU)	17	31.5%	1,266	41.1%	130	54.4%
Heterosexual Exposure (HET)	37	68.5%	1,800	58.5%	108	45.2%
Other Exposures	0	0.0%	12	0.4%	1	0.4%
No Reported Exposure*	18		803		45	
Total	72		3,881		284	

* Includes 1 Hispanic case, 74 non-Hispanic black cases, and 3 non-Hispanic white 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.

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	10,081	6,328	62.8%	521	13.4%	15.0%	18.7%	53.0%
Men who have Sex with Men (MSM)	2,860	1,742	60.9%	551	8.6%	11.9%	21.6%	57.9%
Injection Drug Users (IDU)	3,729	2,323	62.3%	472	16.4%	18.9%	18.6%	46.2%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	411	260	63.3%	510	16.2%	15.0%	17.7%	51.2%
Heterosexual Exposure (HET)	3,056	1,983	64.9%	558	13.6%	13.0%	16.4%	57.0%
Other Exposures	25	20	80.0%	358	25.0%	25.0%	20.0%	30.0%
No Reported Exposure*	2,082	982	47.2%	554	12.8%	13.3%	18.6%	55.2%
Total	12,163	7,310	60.1%	525	13.3%	14.7%	18.7%	53.3%

* Includes 80 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	10,081	5,394	53.5%	70.3%	9,251
Men who have Sex with Men (MSM)	2,860	1,549	54.2%	73.9%	9,387
Injection Drug Users (IDU)	3,729	1,916	51.4%	67.9%	10,995
Men who have Sex with Men and Inject Drugs (MSM/IDU)	411	211	51.3%	64.0%	11,772
Heterosexual Exposure (HET)	3,056	1,703	55.7%	70.8%	6,520
Other Exposures	25	15	60.0%	46.7%	35,271
No Reported Exposure*	2,082	895	43.0%	73.7%	6,045
Total	12,163	6,289	51.7%	70.8%	8,244

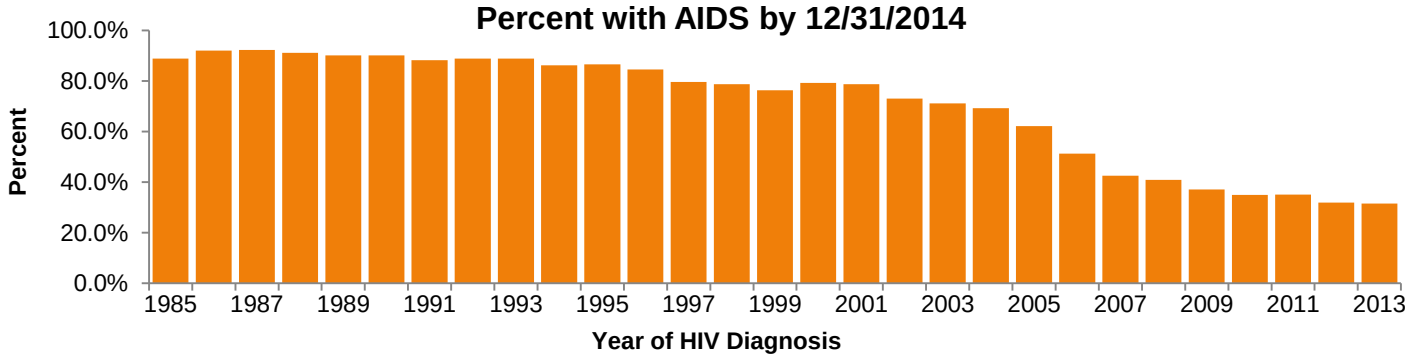
* Includes 80 cases with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.
Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.
CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.
Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section VIII – Disease Progression and Mortality

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

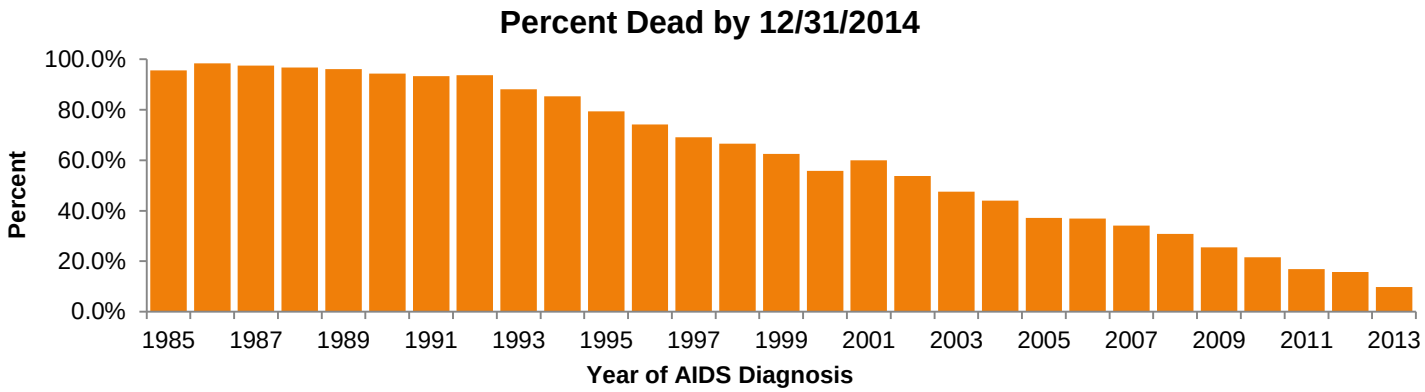
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/13 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2014 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2014, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2013, as Reported by Name through 12/31/2015.



Year of HIV Diagnosis	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	153	148	96.7%	6.8	35.3%	35.3%	39.2%	69.9%
1985	306	272	88.9%	6.6	23.2%	24.8%	32.0%	73.9%
1986	436	401	92.0%	5.6	32.6%	33.5%	45.4%	78.0%
1987	572	528	92.3%	4.6	33.2%	36.4%	55.2%	82.9%
1988	879	801	91.1%	3.8	37.5%	41.2%	63.8%	85.3%
1989	1,146	1,034	90.2%	3.7	36.8%	42.6%	67.7%	83.2%
1990	1,195	1,077	90.1%	3.1	43.6%	50.1%	72.4%	84.4%
1991	1,349	1,191	88.3%	2.7	45.7%	55.6%	73.3%	83.2%
1992	1,334	1,186	88.9%	2.5	50.2%	58.3%	75.0%	83.4%
1993	1,242	1,104	88.9%	2.2	53.8%	62.2%	76.4%	84.5%
1994	1,134	977	86.2%	2.3	53.3%	60.8%	73.8%	81.3%
1995	1,074	930	86.6%	2.2	57.7%	63.1%	72.7%	82.0%
1996	979	828	84.6%	2.1	57.7%	62.6%	70.5%	80.1%
1997	1,021	814	79.7%	2.0	54.9%	60.3%	68.2%	75.2%
1998	988	779	78.8%	2.1	54.4%	58.0%	66.2%	74.3%
1999	894	683	76.4%	1.5	56.3%	61.1%	68.1%	74.3%
2000	836	663	79.3%	1.6	56.6%	60.9%	70.0%	76.7%
2001	917	722	78.7%	1.4	59.1%	62.3%	70.9%	76.4%
2002	1,062	775	73.0%	1.6	53.8%	57.1%	63.9%	70.7%
2003	910	647	71.1%	1.4	53.4%	56.6%	62.4%	69.5%
2004	923	640	69.3%	1.4	50.9%	54.6%	61.3%	68.4%
2005	982	611	62.2%	1.4	45.5%	48.6%	55.4%	--
2006	993	509	51.3%	1.6	34.5%	36.8%	44.9%	--
2007	874	372	42.6%	1.8	26.1%	29.1%	37.4%	--
2008	814	333	40.9%	1.6	25.2%	29.1%	37.0%	--
2009	612	227	37.1%	1.5	23.9%	26.8%	--	--
2010	603	211	35.0%	1.0	25.4%	28.5%	--	--
2011	425	149	35.1%	0.7	26.4%	31.1%	--	--
2012	448	143	31.9%	0.5	27.7%	29.5%	--	--
2013	378	119	31.5%	0.3	28.8%	--	--	--
Total	25,479	18,874	74.1%	2.4	45.1%	49.9%	61.1%	70.4%

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

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/13 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2014 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2014, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2013, as Reported by Name through 12/31/2015

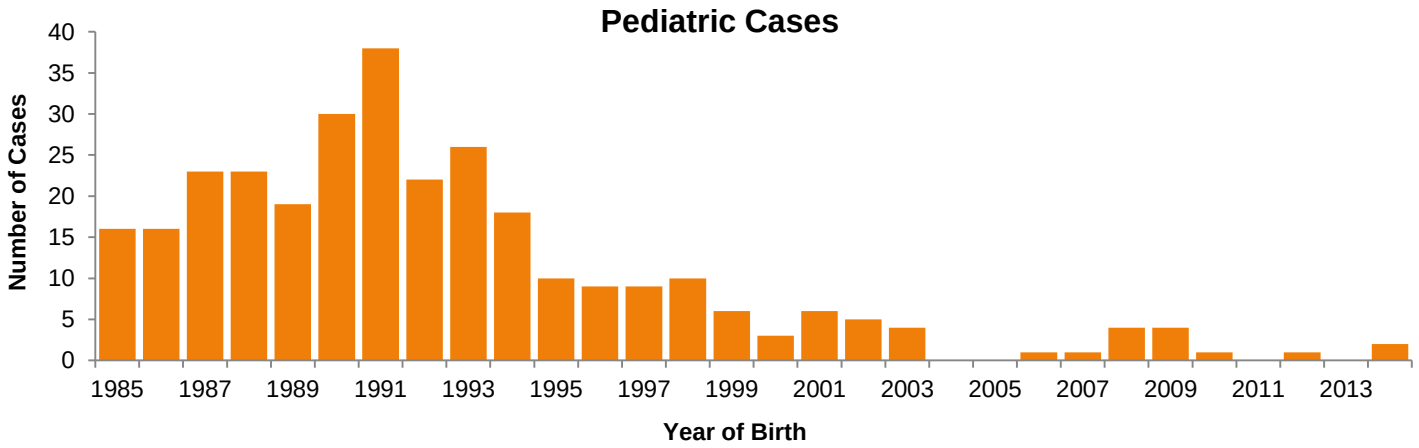


Year of HIV Diagnosis	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	57	53	93.0%	2.6	52.6%	33.3%	19.3%	15.8%
1985	68	65	95.6%	1.7	44.1%	27.9%	8.8%	7.4%
1986	129	127	98.4%	2.5	48.8%	30.2%	14.7%	10.1%
1987	198	193	97.5%	2.0	60.1%	33.8%	11.6%	4.5%
1988	336	325	96.7%	2.4	60.4%	39.6%	13.4%	6.8%
1989	437	420	96.1%	2.5	60.4%	38.4%	15.8%	8.0%
1990	630	594	94.3%	2.9	64.4%	45.6%	20.5%	12.1%
1991	779	727	93.3%	2.8	67.3%	46.1%	18.2%	12.2%
1992	1,088	1,019	93.7%	3.1	68.9%	48.8%	20.8%	14.2%
1993	1,250	1,101	88.1%	3.7	77.5%	56.3%	33.3%	20.7%
1994	1,139	973	85.4%	3.8	76.6%	57.6%	36.9%	22.8%
1995	1,119	888	79.4%	4.5	78.0%	65.3%	47.1%	32.6%
1996	1,062	788	74.2%	5.1	81.6%	74.2%	56.3%	39.5%
1997	934	645	69.1%	5.0	84.8%	76.0%	59.2%	42.2%
1998	841	560	66.6%	5.2	87.0%	79.7%	62.3%	44.7%
1999	807	504	62.5%	4.6	85.9%	78.6%	61.2%	46.5%
2000	710	396	55.8%	4.3	84.9%	79.0%	63.9%	50.4%
2001	802	481	60.0%	4.1	84.4%	75.9%	60.3%	46.8%
2002	808	435	53.8%	4.4	86.6%	79.6%	67.2%	53.1%
2003	717	341	47.6%	3.3	82.8%	77.0%	64.9%	55.4%
2004	729	321	44.0%	3.4	85.7%	80.1%	69.4%	57.8%
2005	694	258	37.2%	3.3	88.3%	83.3%	73.3%	--
2006	594	219	36.9%	3.0	87.7%	82.3%	72.2%	--
2007	428	146	34.1%	2.7	88.1%	84.3%	73.1%	--
2008	419	129	30.8%	2.3	88.3%	83.3%	73.7%	--
2009	345	88	25.5%	2.2	90.7%	86.1%	--	--
2010	385	83	21.6%	1.5	89.1%	85.7%	--	--
2011	308	52	16.9%	1.6	93.2%	89.3%	--	--
2012	332	52	15.7%	1.1	90.1%	88.3%	--	--
2013	300	29	9.7%	0.9	94.3%	--	--	--
Total	18,445	12,012	65.1%	3.7	80.2%	68.9%	52.0%	41.2%

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	15	1	0	0	
1985	16	6	4	1	8
1986	16	6	5	3	11
1987	23	12	7	5	20
1988	23	16	11	2	34
1989	19	21	14	3	53
1990	30	27	14	3	78
1991	38	27	20	8	99
1992	22	34	19	9	127
1993	26	36	21	10	153
1994	18	21	15	10	163
1995	10	15	12	8	169
1996	9	13	8	13	170
1997	9	7	4	4	171
1998	10	15	6	3	184
1999	6	14	5	3	194
2000	3	6	2	0	200
2001	6	7	7	3	203
2002	5	2	3	2	203
2003	4	2	0	2	204
2004	0	2	1	3	204
2005	0	0	1	0	204
2006	1	1	2	1	203
2007	1	15	4	3	215
2008	4	6	5	3	219
2009	4	3	1	0	222
2010	1	2	4	3	221
2011	0	1	2	1	222
2012	1	2	1	2	222
2013	0	0	9	0	219
2014	2	2	1	0	222
Total	322	322	208	108	

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
21201	6	2.7%
21202	9	4.1%
21205	11	5.0%
21206	12	5.4%
21207	4	1.8%
21208	0	0.0%
21209	1	0.5%
21210	0	0.0%
21211	2	0.9%
21212	2	0.9%
21213	22	9.9%
21214	6	2.7%
21215	29	13.1%
21216	10	4.5%
21217	28	12.6%
21218	21	9.5%
21222	0	0.0%
21223	21	9.5%
21224	10	4.5%
21225	5	2.3%
21226	0	0.0%
21227	0	0.0%
21228	0	0.0%
21229	6	2.7%
21230	2	0.9%
21231	5	2.3%
21234	1	0.5%
21236	0	0.0%
21237	0	0.0%
21239	9	4.1%
21251	0	0.0%
Total	222	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	96	43.2%
Female	126	56.8%
Total	222	100.0%

Race/Ethnicity	Pediatric Total Living HIV Cases	
	No.	% of Total
Hispanic	3	1.4%
Non-Hispanic	219	98.6%
American Indian/ Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	201	90.5%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	10	4.5%
Multiracial/Other	8	3.6%
Total	222	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.

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

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

Percent Alive by Years after AIDS Diagnosis: Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

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

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

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

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

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

Percent with AIDS by Years after HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

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

Population: Population estimate for 7/1/2014.

Population Age 13+: Population 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