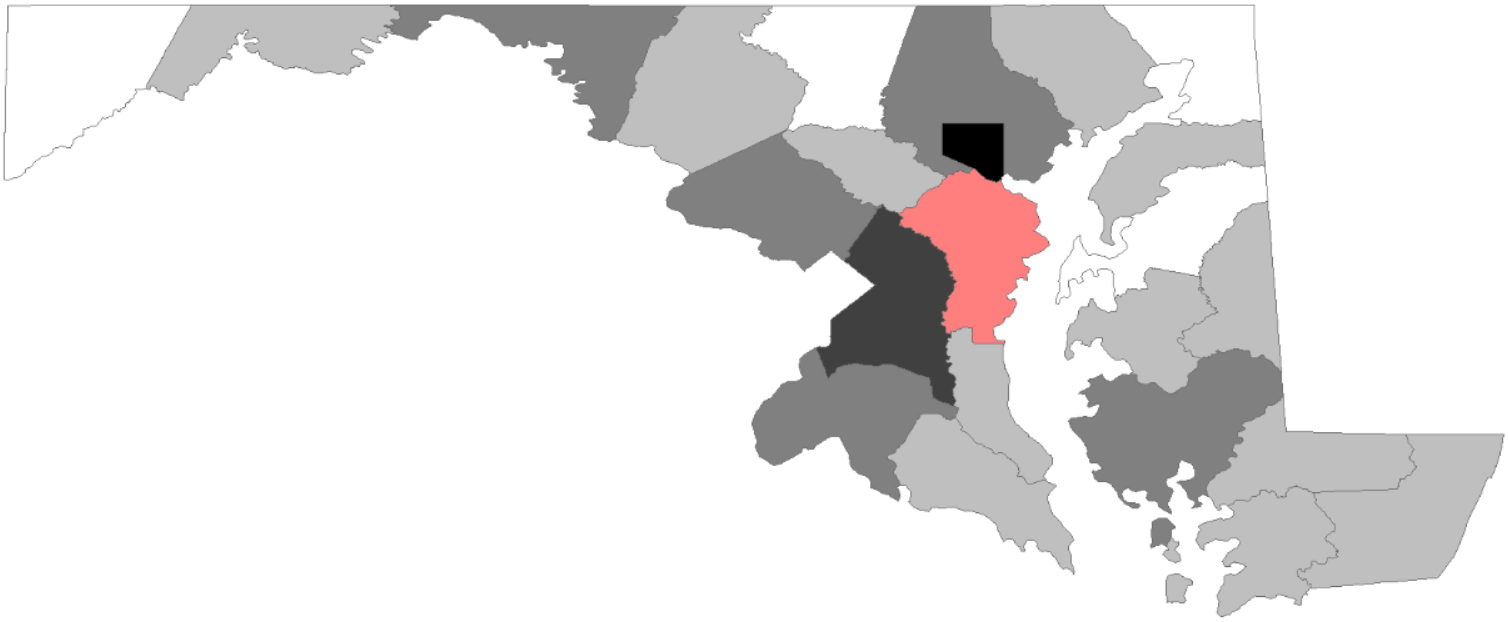
2014



Anne Arundel County HIV Annual Epidemiological Profile

Data reported through December 31, 2015

Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Epidemiology and Outbreak Response Bureau
Prevention and Health Promotion Administration
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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.

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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.

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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.

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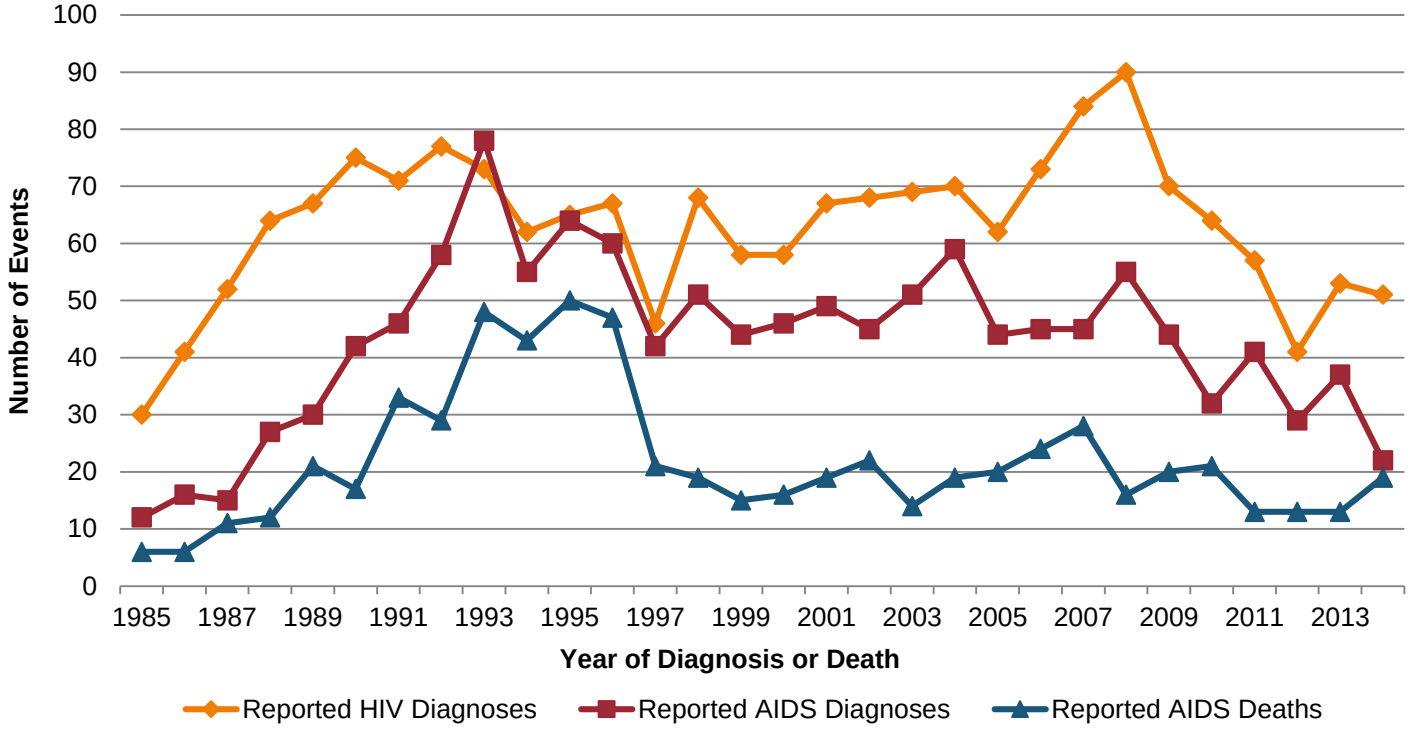
Section II – Trends 1985-2014

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

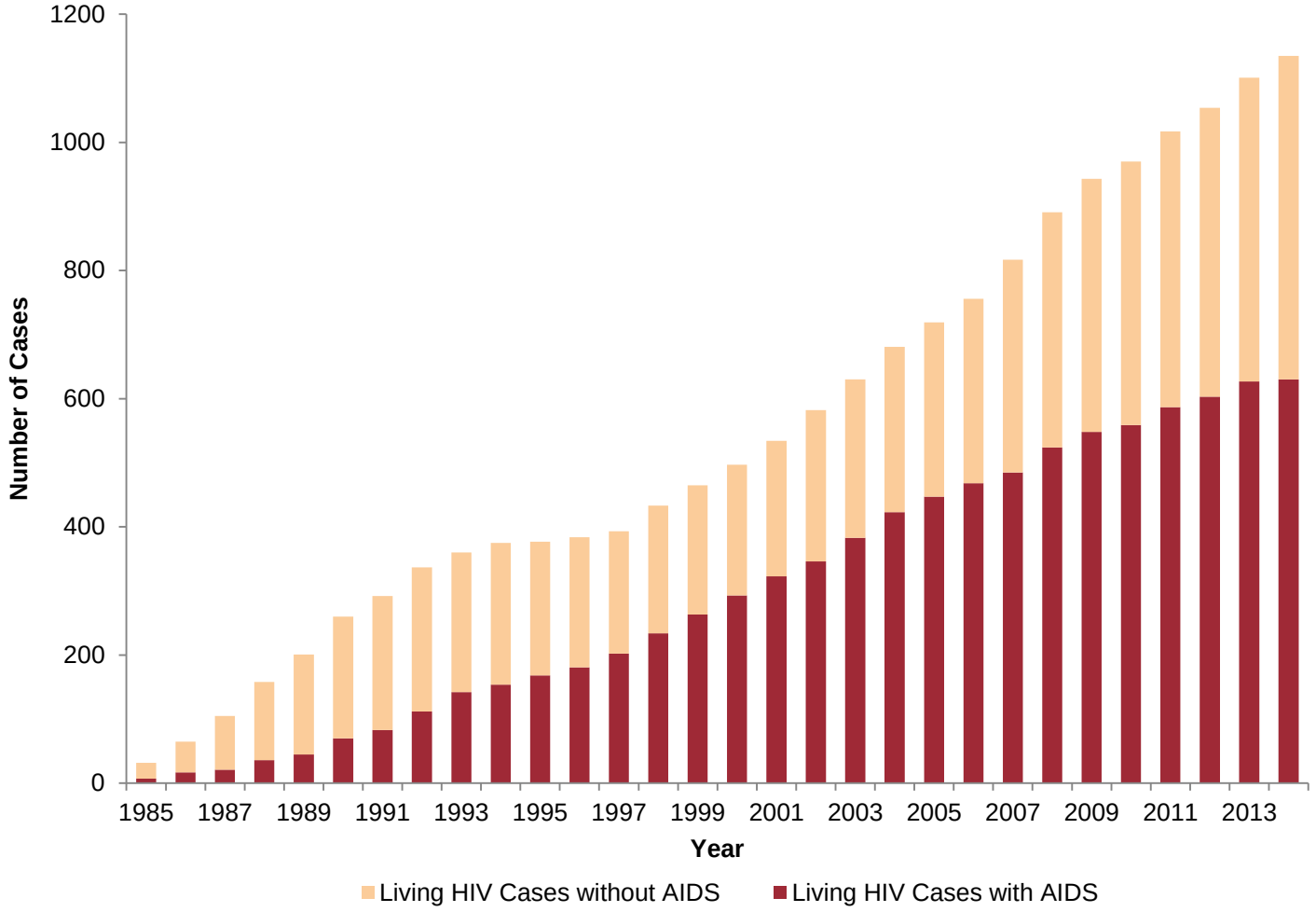


During the 2007-2008 transition to name-based reporting, many HIV cases were reported by a recent HIV diagnosis and not by their earliest HIV diagnosis, resulting in an artificial upward trend in HIV diagnoses during the period 2001-2008.

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	12	5	4	**2000**	58	46	16
1985	30	12	6	**2001**	67	49	19
1986	41	16	6	**2002**	68	45	22
1987	52	15	11	**2003**	69	51	14
1988	64	27	12	**2004**	70	59	19
1989	67	30	21	**2005**	62	44	20
1990	75	42	17	**2006**	73	45	24
1991	71	46	33	**2007**	84	45	28
1992	77	58	29	**2008**	90	55	16
1993	73	78	48	**2009**	70	44	20
1994	62	55	43	**2010**	64	32	21
1995	65	64	50	**2011**	57	41	13
1996	67	60	47	**2012**	41	29	13
1997	46	42	21	**2013**	53	37	13
1998	68	51	19	**2014**	51	22	19
1999	58	44	15	**Total**	1,905	1,289	659

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

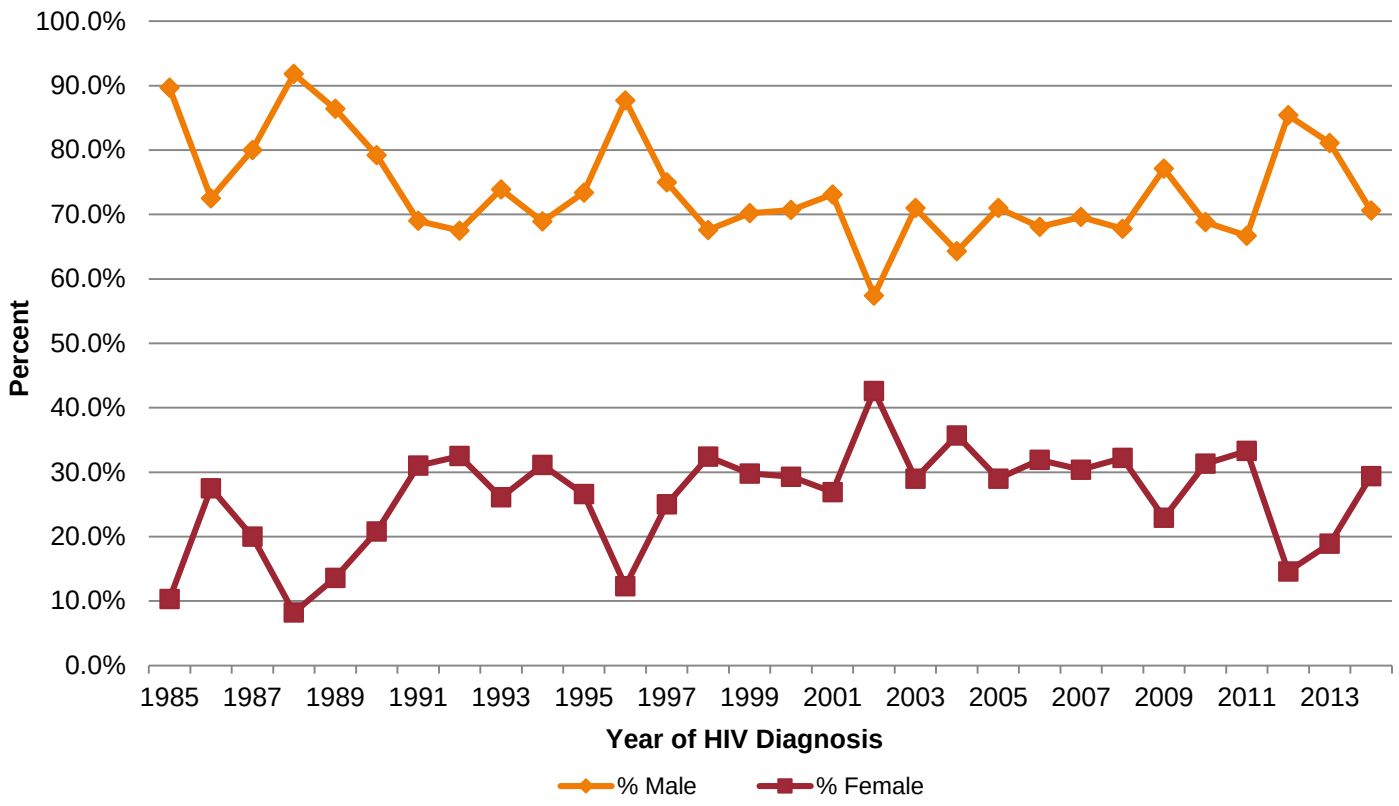
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2014, as Reported through 12/31/2015



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	25	7	32	**2000**	204	293	497
1986	48	17	65	**2001**	211	323	534
1987	84	21	105	**2002**	236	346	582
1988	122	36	158	**2003**	247	383	630
1989	156	45	201	**2004**	258	423	681
1990	190	70	260	**2005**	272	447	719
1991	209	83	292	**2006**	288	468	756
1992	225	112	337	**2007**	332	485	817
1993	218	142	360	**2008**	367	524	891
1994	221	154	375	**2009**	395	548	943
1995	209	168	377	**2010**	411	559	970
1996	203	181	384	**2011**	430	587	1,017
1997	191	202	393	**2012**	451	603	1,054
1998	199	234	433	**2013**	474	627	1,101
1999	202	263	465	**2014**	505	630	1,135

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

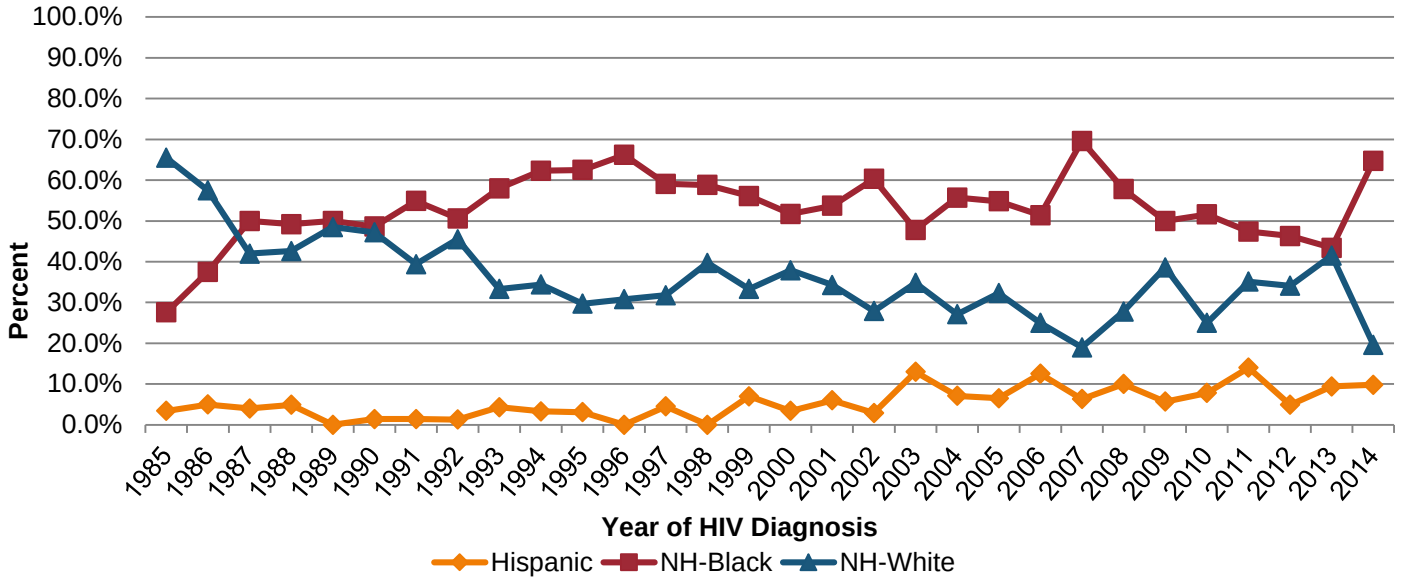
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2014, as Reported through 12/31/2015



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	12	91.7%	8.3%	**2000**	58	70.7%	29.3%
1985	29	89.7%	10.3%	**2001**	67	73.1%	26.9%
1986	40	72.5%	27.5%	**2002**	68	57.4%	42.6%
1987	50	80.0%	20.0%	**2003**	69	71.0%	29.0%
1988	61	91.8%	8.2%	**2004**	70	64.3%	35.7%
1989	66	86.4%	13.6%	**2005**	62	71.0%	29.0%
1990	72	79.2%	20.8%	**2006**	72	68.1%	31.9%
1991	71	69.0%	31.0%	**2007**	79	69.6%	30.4%
1992	77	67.5%	32.5%	**2008**	90	67.8%	32.2%
1993	69	73.9%	26.1%	**2009**	70	77.1%	22.9%
1994	61	68.9%	31.1%	**2010**	64	68.8%	31.3%
1995	64	73.4%	26.6%	**2011**	57	66.7%	33.3%
1996	65	87.7%	12.3%	**2012**	41	85.4%	14.6%
1997	44	75.0%	25.0%	**2013**	53	81.1%	18.9%
1998	68	67.6%	32.4%	**2014**	51	70.6%	29.4%
1999	57	70.2%	29.8%	**Total**	1,877	73.3%	26.7%

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

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

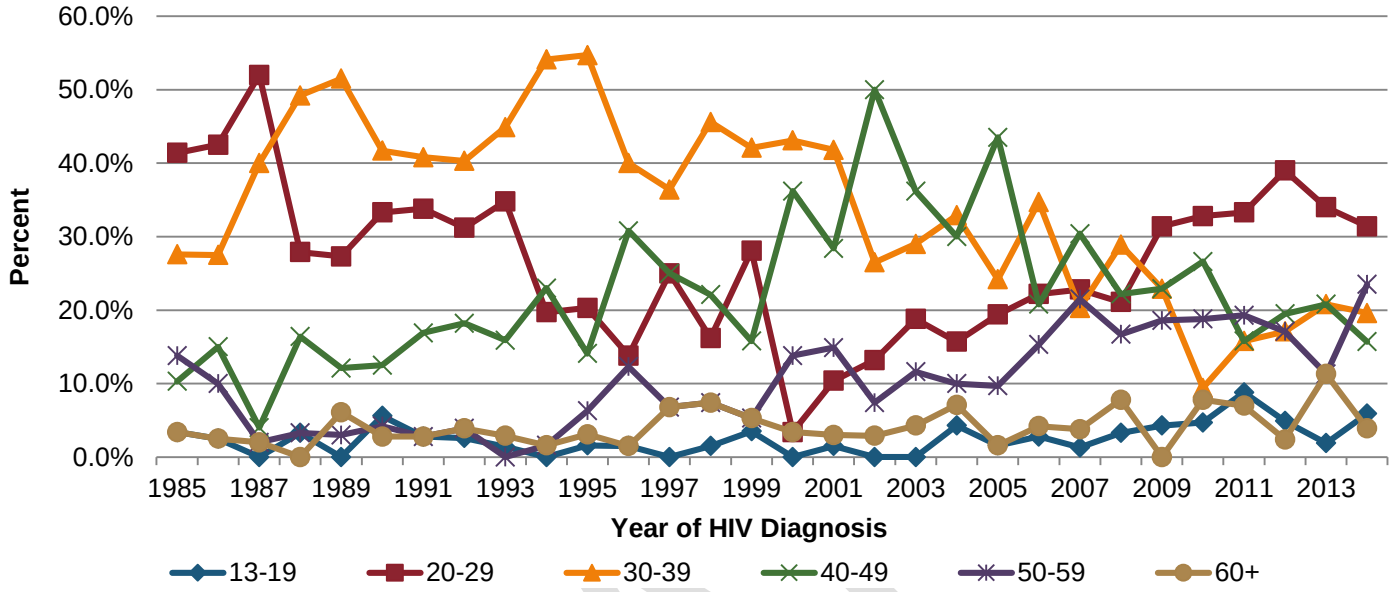


Non-Hispanic Other race not shown

Year of HIV Diagnosis	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	12	0.0%	25.0%	75.0%	0.0%
1985	29	3.4%	27.6%	65.5%	3.4%
1986	40	5.0%	37.5%	57.5%	0.0%
1987	50	4.0%	50.0%	42.0%	4.0%
1988	61	4.9%	49.2%	42.6%	3.3%
1989	66	0.0%	50.0%	48.5%	1.5%
1990	72	1.4%	48.6%	47.2%	2.8%
1991	71	1.4%	54.9%	39.4%	4.2%
1992	77	1.3%	50.6%	45.5%	2.6%
1993	69	4.3%	58.0%	33.3%	4.3%
1994	61	3.3%	62.3%	34.4%	0.0%
1995	64	3.1%	62.5%	29.7%	4.7%
1996	65	0.0%	66.2%	30.8%	3.1%
1997	44	4.5%	59.1%	31.8%	4.5%
1998	68	0.0%	58.8%	39.7%	1.5%
1999	57	7.0%	56.1%	33.3%	3.5%
2000	58	3.4%	51.7%	37.9%	6.9%
2001	67	6.0%	53.7%	34.3%	6.0%
2002	68	2.9%	60.3%	27.9%	8.8%
2003	69	13.0%	47.8%	34.8%	4.3%
2004	70	7.1%	55.7%	27.1%	10.0%
2005	62	6.5%	54.8%	32.3%	6.5%
2006	72	12.5%	51.4%	25.0%	11.1%
2007	79	6.3%	69.6%	19.0%	5.1%
2008	90	10.0%	57.8%	27.8%	4.4%
2009	70	5.7%	50.0%	38.6%	5.7%
2010	64	7.8%	51.6%	25.0%	15.6%
2011	57	14.0%	47.4%	35.1%	3.5%
2012	41	4.9%	46.3%	34.1%	14.6%
2013	53	9.4%	43.4%	41.5%	5.7%
2014	51	9.8%	64.7%	19.6%	5.9%
Total	1,877	5.4%	54.0%	35.4%	5.2%

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

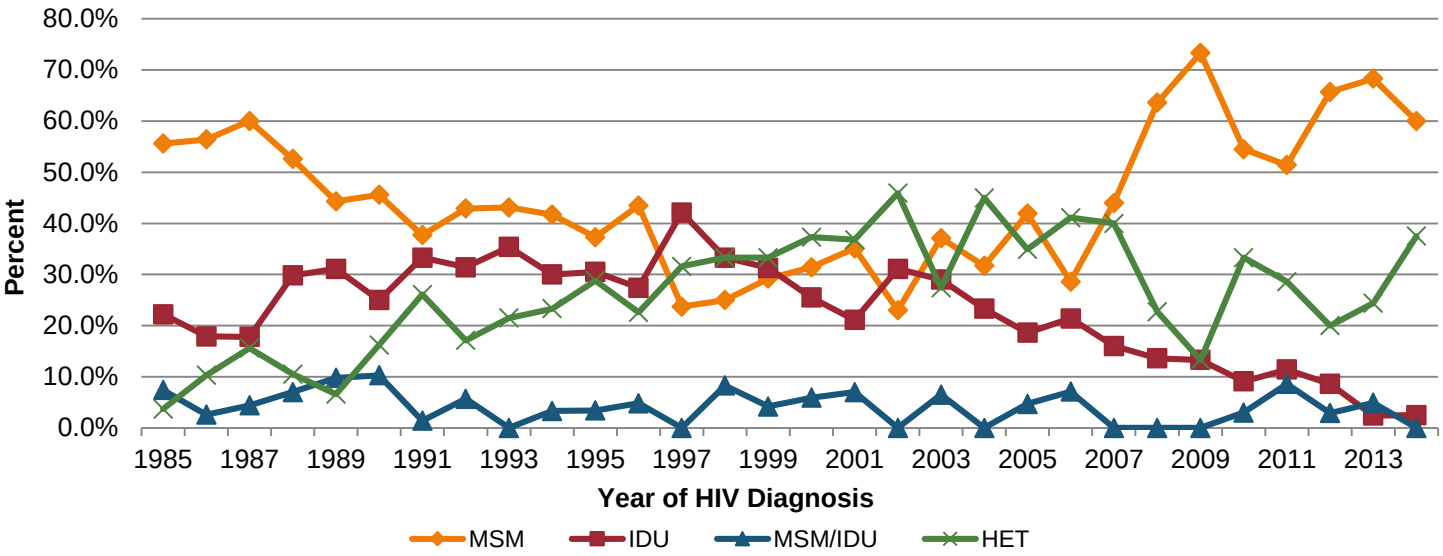
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2014, as Reported through 12/31/2015



Year of HIV Diagnosis	Reported Adult/Adolescent HIV Diagnoses						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	12	16.7%	41.7%	33.3%	8.3%	0.0%	0.0%
1985	29	3.4%	41.4%	27.6%	10.3%	13.8%	3.4%
1986	40	2.5%	42.5%	27.5%	15.0%	10.0%	2.5%
1987	50	0.0%	52.0%	40.0%	4.0%	2.0%	2.0%
1988	61	3.3%	27.9%	49.2%	16.4%	3.3%	0.0%
1989	66	0.0%	27.3%	51.5%	12.1%	3.0%	6.1%
1990	72	5.6%	33.3%	41.7%	12.5%	4.2%	2.8%
1991	71	2.8%	33.8%	40.8%	16.9%	2.8%	2.8%
1992	77	2.6%	31.2%	40.3%	18.2%	3.9%	3.9%
1993	69	1.4%	34.8%	44.9%	15.9%	0.0%	2.9%
1994	61	0.0%	19.7%	54.1%	23.0%	1.6%	1.6%
1995	64	1.6%	20.3%	54.7%	14.1%	6.3%	3.1%
1996	65	1.5%	13.8%	40.0%	30.8%	12.3%	1.5%
1997	44	0.0%	25.0%	36.4%	25.0%	6.8%	6.8%
1998	68	1.5%	16.2%	45.6%	22.1%	7.4%	7.4%
1999	57	3.5%	28.1%	42.1%	15.8%	5.3%	5.3%
2000	58	0.0%	3.4%	43.1%	36.2%	13.8%	3.4%
2001	67	1.5%	10.4%	41.8%	28.4%	14.9%	3.0%
2002	68	0.0%	13.2%	26.5%	50.0%	7.4%	2.9%
2003	69	0.0%	18.8%	29.0%	36.2%	11.6%	4.3%
2004	70	4.3%	15.7%	32.9%	30.0%	10.0%	7.1%
2005	62	1.6%	19.4%	24.2%	43.5%	9.7%	1.6%
2006	72	2.8%	22.2%	34.7%	20.8%	15.3%	4.2%
2007	79	1.3%	22.8%	20.3%	30.4%	21.5%	3.8%
2008	90	3.3%	21.1%	28.9%	22.2%	16.7%	7.8%
2009	70	4.3%	31.4%	22.9%	22.9%	18.6%	0.0%
2010	64	4.7%	32.8%	9.4%	26.6%	18.8%	7.8%
2011	57	8.8%	33.3%	15.8%	15.8%	19.3%	7.0%
2012	41	4.9%	39.0%	17.1%	19.5%	17.1%	2.4%
2013	53	1.9%	34.0%	20.8%	20.8%	11.3%	11.3%
2014	51	5.9%	31.4%	19.6%	15.7%	23.5%	3.9%
Total	1,877	2.6%	25.7%	34.5%	22.9%	10.3%	4.1%

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 of HIV Diagnosis	Adult/Adolescent Reported HIV Diagnoses						
		With Exposure Category					
	No.	No.	% MSM	% IDU	% MSM/IDU	% HET	% Other Exposure
<1985	12	12	50.0%	16.7%	8.3%	0.0%	25.0%
1985	29	27	55.6%	22.2%	7.4%	3.7%	11.1%
1986	40	39	56.4%	17.9%	2.6%	10.3%	12.8%
1987	50	45	60.0%	17.8%	4.4%	15.6%	2.2%
1988	61	57	52.6%	29.8%	7.0%	10.5%	0.0%
1989	66	61	44.3%	31.1%	9.8%	6.6%	8.2%
1990	72	68	45.6%	25.0%	10.3%	16.2%	2.9%
1991	71	69	37.7%	33.3%	1.4%	26.1%	1.4%
1992	77	70	42.9%	31.4%	5.7%	17.1%	2.9%
1993	69	65	43.1%	35.4%	0.0%	21.5%	0.0%
1994	61	60	41.7%	30.0%	3.3%	23.3%	1.7%
1995	64	59	37.3%	30.5%	3.4%	28.8%	0.0%
1996	65	62	43.5%	27.4%	4.8%	22.6%	1.6%
1997	44	38	23.7%	42.1%	0.0%	31.6%	2.6%
1998	68	60	25.0%	33.3%	8.3%	33.3%	0.0%
1999	57	48	29.2%	31.3%	4.2%	33.3%	2.1%
2000	58	51	31.4%	25.5%	5.9%	37.3%	0.0%
2001	67	57	35.1%	21.1%	7.0%	36.8%	0.0%
2002	68	61	23.0%	31.1%	0.0%	45.9%	0.0%
2003	69	62	37.1%	29.0%	6.5%	27.4%	0.0%
2004	70	60	31.7%	23.3%	0.0%	45.0%	0.0%
2005	62	43	41.9%	18.6%	4.7%	34.9%	0.0%
2006	72	56	28.6%	21.4%	7.1%	41.1%	1.8%
2007	79	50	44.0%	16.0%	0.0%	40.0%	0.0%
2008	90	44	63.6%	13.6%	0.0%	22.7%	0.0%
2009	70	45	73.3%	13.3%	0.0%	13.3%	0.0%
2010	64	33	54.5%	9.1%	3.0%	33.3%	0.0%
2011	57	35	51.4%	11.4%	8.6%	28.6%	0.0%
2012	41	35	65.7%	8.6%	2.9%	20.0%	2.9%
2013	53	41	68.3%	2.4%	4.9%	24.4%	0.0%
2014	51	40	60.0%	2.5%	0.0%	37.5%	0.0%
Total	1,877	1,553	43.4%	24.2%	4.2%	26.3%	1.8%

Section III – Adult/Adolescent Cases by Jurisdiction

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

Jurisdiction of Residence at HIV Diagnosis	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late HIV Diagnosis	% Late HIV Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
20711	5,879	0	0.0%	0.0	--	--	--	--	--	--	--
20714	828	***	***	***	***	***	***	***	***	***	***
20724	13,732	5	9.8%	36.4	***	***	***	***	5	100.0%	237
20733	2,358	1	2.0%	42.4	***	***	***	***	***	***	***
20736	9	***	***	***	***	***	***	***	***	***	***
20751	2,110	0	0.0%	0.0	--	--	--	--	--	--	--
20754	918	***	***	***	***	***	***	***	***	***	***
20755	6,625	0	0.0%	0.0	--	--	--	--	--	--	--
20758	660	***	***	***	***	***	***	***	***	***	***
20764	3,666	0	0.0%	0.0	--	--	--	--	--	--	--
20765	495	***	***	***	***	***	***	***	***	***	***
20776	2,910	1	2.0%	34.4	--	--	--	--	--	--	--
20778	1,771	0	0.0%	0.0	--	--	--	--	--	--	--
20779	1,054	0	0.0%	0.0	--	--	--	--	--	--	--
20794	6,536	1	2.0%	15.3	***	***	***	***	***	***	***
21012	18,540	0	0.0%	0.0	--	--	--	--	--	--	--
21032	7,863	0	0.0%	0.0	--	--	--	--	--	--	--
21035	6,817	0	0.0%	0.0	--	--	--	--	--	--	--
21037	18,070	1	2.0%	5.5	***	***	***	***	***	***	***
21054	8,810	1	2.0%	11.4	***	***	***	***	***	***	***
21056	249	***	***	***	***	***	***	***	***	***	***
21060	25,932	3	5.9%	11.6	***	***	***	***	***	***	***
21061	46,776	7	13.7%	15.0	7	100.0%	***	***	5	71.4%	468
21076	9,887	2	3.9%	20.2	***	***	***	***	***	***	***
21077	198	***	***	***	***	***	***	***	***	***	***
21090	8,849	1	2.0%	11.3	***	***	***	***	***	***	***
21108	15,392	3	5.9%	19.5	***	***	***	***	***	***	***
21113	25,757	2	3.9%	7.8	***	***	***	***	***	***	***
21114	21,245	2	3.9%	9.4	***	***	***	***	***	***	***
21122	52,946	2	3.9%	3.8	***	***	***	***	***	***	***
21140	3,010	0	0.0%	0.0	--	--	--	--	--	--	--
21144	26,823	1	2.0%	3.7	***	***	***	***	***	***	***
21146	22,968	0	0.0%	0.0	--	--	--	--	--	--	--
21225	12,605	4	7.8%	31.7	***	***	***	***	***	***	***
21226	3,704	0	0.0%	0.0	--	--	--	--	--	--	--
21401	32,506	8	15.7%	24.6	6	75.0%	***	***	7	87.5%	346
21402	5,205	0	0.0%	0.0	--	--	--	--	--	--	--
21403	26,918	5	9.8%	18.6	***	***	***	***	***	***	***
21405	492	***	***	***	***	***	***	***	***	***	***

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21409	17,194	1	2.0%	5.8	***	***	***	***	***	***	***
TOTAL	468,309	51	100.0%	10.9	42	82.4%	12	23.5%	44	86.3%	301

*** 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.

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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
20711	5,879	0	0.0%	0.0	--	--
20714	828	0	0.0%	0.0	--	--
20724	13,732	1	4.5%	7.3	***	***
20733	2,358	0	0.0%	0.0	--	--
20736	9	0	0.0%	0.0	--	--
20751	2,110	0	0.0%	0.0	--	--
20754	918	0	0.0%	0.0	--	--
20755	6,625	0	0.0%	0.0	--	--
20758	660	0	0.0%	0.0	--	--
20764	3,666	1	4.5%	27.3	***	***
20765	495	0	0.0%	0.0	--	--
20776	2,910	0	0.0%	0.0	--	--
20778	1,771	0	0.0%	0.0	--	--
20779	1,054	0	0.0%	0.0	--	--
20794	6,536	1	4.5%	15.3	***	***
21012	18,540	0	0.0%	0.0	--	--
21032	7,863	0	0.0%	0.0	--	--
21035	6,817	0	0.0%	0.0	--	--
21037	18,070	1	4.5%	5.5	***	***
21054	8,810	0	0.0%	0.0	--	--
21056	249	0	0.0%	0.0	--	--
21060	25,932	1	4.5%	3.9	***	***
21061	46,776	1	4.5%	2.1	***	***
21076	9,887	0	0.0%	0.0	--	--
21077	198	0	0.0%	0.0	--	--
21090	8,849	1	4.5%	11.3	***	***
21108	15,392	0	0.0%	0.0	--	--
21113	25,757	1	4.5%	3.9	***	***
21114	21,245	2	9.1%	9.4	***	***
21122	52,946	0	0.0%	0.0	--	--
21140	3,010	0	0.0%	0.0	--	--
21144	26,823	0	0.0%	0.0	--	--
21146	22,968	0	0.0%	0.0	--	--
21225	12,605	1	4.5%	7.9	***	***
21226	3,704	0	0.0%	0.0	--	--
21401	32,506	5	22.7%	15.4	***	***
21402	5,205	1	4.5%	19.2	***	***
21403	26,918	3	13.6%	11.1	***	***
21405	492	0	0.0%	0.0	--	--
21409	17,194	2	9.1%	11.6	***	***
TOTAL	468,309	22	100.0%	4.7	6.7	50.0%

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

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Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.
Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.
Population Age 13+: Population age13 years or older, estimate for 7/1/2014.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.
Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

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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)
20711	5,879	5	1.0%	85.1	7	1.1%	119.1	12	1.1%	204.1	489
20714	828	***	***	***	***	***	***	***	***	***	***
20724	13,732	32	6.5%	233.0	42	6.8%	305.9	74	6.6%	538.9	185
20733	2,358	3	0.6%	127.2	1	0.2%	42.4	4	0.4%	169.6	589
20736	9	***	***	***	***	***	***	***	***	***	***
20751	2,110	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
20754	918	***	***	***	***	***	***	***	***	***	***
20755	6,625	6	1.2%	90.6	4	0.6%	60.4	10	0.9%	150.9	662
20758	660	***	***	***	***	***	***	***	***	***	***
20764	3,666	1	0.2%	27.3	4	0.6%	109.1	5	0.4%	136.4	733
20765	495	***	***	***	***	***	***	***	***	***	***
20776	2,910	2	0.4%	68.7	1	0.2%	34.4	3	0.3%	103.1	970
20778	1,771	3	0.6%	169.4	0	0.0%	0.0	3	0.3%	169.4	590
20779	1,054	0	0.0%	0.0	1	0.2%	94.8	1	0.1%	94.8	1,054
20794	6,536	6	1.2%	91.8	14	2.3%	214.2	20	1.8%	306.0	326
21012	18,540	12	2.4%	64.7	9	1.5%	48.5	21	1.9%	113.3	882
21032	7,863	4	0.8%	50.9	9	1.5%	114.5	13	1.2%	165.3	604
21035	6,817	4	0.8%	58.7	1	0.2%	14.7	5	0.4%	73.3	1,363
21037	18,070	11	2.2%	60.9	14	2.3%	77.5	25	2.2%	138.4	722
21054	8,810	6	1.2%	68.1	7	1.1%	79.5	13	1.2%	147.6	677
21056	249	***	***	***	***	***	***	***	***	***	***
21060	25,932	32	6.5%	123.4	40	6.5%	154.2	72	6.5%	277.6	360
21061	46,776	85	17.1%	181.7	96	15.5%	205.2	181	16.2%	387.0	258
21076	9,887	8	1.6%	80.9	9	1.5%	91.0	17	1.5%	171.9	581
21077	198	***	***	***	***	***	***	***	***	***	***
21090	8,849	8	1.6%	90.4	5	0.8%	56.5	13	1.2%	146.9	680
21108	15,392	9	1.8%	58.5	9	1.5%	58.5	18	1.6%	116.9	855
21113	25,757	24	4.8%	93.2	30	4.9%	116.5	54	4.8%	209.6	476
21114	21,245	20	4.0%	94.1	12	1.9%	56.5	32	2.9%	150.6	663
21122	52,946	27	5.4%	51.0	39	6.3%	73.7	66	5.9%	124.7	802
21140	3,010	3	0.6%	99.7	1	0.2%	33.2	4	0.4%	132.9	752
21144	26,823	42	8.5%	156.6	46	7.4%	171.5	88	7.9%	328.1	304
21146	22,968	7	1.4%	30.5	14	2.3%	61.0	21	1.9%	91.4	1,093
21225	12,605	28	5.6%	222.1	39	6.3%	309.4	67	6.0%	531.5	188
21226	3,704	2	0.4%	54.0	0	0.0%	0.0	2	0.2%	54.0	1,852
21401	32,506	52	10.5%	160.0	88	14.2%	270.7	140	12.6%	430.7	232
21402	5,205	0	0.0%	0.0	1	0.2%	19.2	1	0.1%	19.2	5,205
21403	26,918	37	7.5%	137.5	62	10.0%	230.3	99	8.9%	367.8	271
21405	492	***	***	***	***	***	***	***	***	***	***
21409	17,194	5	1.0%	29.1	8	1.3%	46.5	13	1.2%	75.6	1,322
Unknown	--	8	1.6%	--	3	0.5%	0.6	11	1.0%	--	--
TOTAL	468,309	496	100.0%	105.9	618	100.0%	132.0	1,114	100.0%	237.9	420

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

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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 to13 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.

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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	
20711	5,879	12	1.1%	204.1	489	12	0.9%	204.1	489	0.0%	9	0.8%	153.1	653	-25.0%
20714	828	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20724	13,732	74	6.6%	538.9	185	90	7.0%	655.4	152	21.6%	72	6.7%	524.3	190	-2.7%
20733	2,358	4	0.4%	169.6	589	5	0.4%	212.1	471	25.0%	4	0.4%	169.6	589	0.0%
20736	9	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20751	2,110	0	0.0%	0.0	--	2	0.2%	94.8	1054	--	2	0.2%	94.8	1,054	--
20754	918	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20755	6,625	10	0.9%	150.9	662	8	0.6%	120.8	828	-20.0%	3	0.3%	45.3	2,208	-70.0%
20758	660	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20764	3,666	5	0.4%	136.4	733	3	0.2%	81.8	1222	-40.0%	3	0.3%	81.8	1,222	-40.0%
20765	495	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20776	2,910	3	0.3%	103.1	970	6	0.5%	206.2	485	100.0%	6	0.6%	206.2	485	100.0%
20778	1,771	3	0.3%	169.4	590	1	0.1%	56.5	1770	-66.7%	1	0.1%	56.5	1,770	-66.7%
20779	1,054	1	0.1%	94.8	1054	3	0.2%	284.5	351	200.0%	3	0.3%	284.5	351	200.0%
20794	6,536	20	1.8%	306.0	326	35	2.7%	535.5	186	75.0%	27	2.5%	413.1	242	35.0%
21012	18,540	21	1.9%	113.3	882	25	1.9%	134.8	741	19.0%	20	1.9%	107.9	927	-4.8%
21032	7,863	13	1.2%	165.3	604	16	1.2%	203.5	491	23.1%	11	1.0%	139.9	714	-15.4%
21035	6,817	5	0.4%	73.3	1363	2	0.2%	29.3	3408	-60.0%	2	0.2%	29.3	3,408	-60.0%
21037	18,070	25	2.2%	138.4	722	33	2.6%	182.6	547	32.0%	26	2.4%	143.9	694	4.0%
21054	8,810	13	1.2%	147.6	677	10	0.8%	113.5	880	-23.1%	8	0.7%	90.8	1,101	-38.5%
21056	249	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21060	25,932	72	6.5%	277.6	360	103	8.0%	397.2	251	43.1%	90	8.4%	347.1	288	25.0%
21061	46,776	181	16.2%	387.0	258	209	16.2%	446.8	223	15.5%	183	17.1%	391.2	255	1.1%
21076	9,887	17	1.5%	171.9	581	29	2.2%	293.3	340	70.6%	28	2.6%	283.2	353	64.7%
21077	198	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21090	8,849	13	1.2%	146.9	680	22	1.7%	248.6	402	69.2%	16	1.5%	180.8	553	23.1%
21108	15,392	18	1.6%	116.9	855	19	1.5%	123.4	810	5.6%	15	1.4%	97.5	1,026	-16.7%
21113	25,757	54	4.8%	209.6	476	81	6.3%	314.5	317	50.0%	60	5.6%	232.9	429	11.1%
21114	21,245	32	2.9%	150.6	663	38	2.9%	178.9	559	18.8%	30	2.8%	141.2	708	-6.3%
21122	52,946	66	5.9%	124.7	802	78	6.0%	147.3	678	18.2%	65	6.1%	122.8	814	-1.5%
21140	3,010	4	0.4%	132.9	752	3	0.2%	99.7	1003	-25.0%	3	0.3%	99.7	1,003	-25.0%
21144	26,823	88	7.9%	328.1	304	87	6.7%	324.3	308	-1.1%	74	6.9%	275.9	362	-15.9%
21146	22,968	21	1.9%	91.4	1093	25	1.9%	108.8	918	19.0%	20	1.9%	87.1	1,148	-4.8%
21225	12,605	67	6.0%	531.5	188	63	4.9%	499.8	200	-6.0%	54	5.0%	428.4	233	-19.4%
21226	3,704	2	0.2%	54.0	1852	5	0.4%	135.0	740	150.0%	4	0.4%	108.0	926	100.0%
21401	32,506	140	12.6%	430.7	232	127	9.8%	390.7	255	-9.3%	109	10.2%	335.3	298	-22.1%
21402	5,205	1	0.1%	19.2	5205	0	0.0%	0.0	0	-100.0%	0	0.0%	0.0	--	-100.0%
21403	26,918	99	8.9%	367.8	271	100	7.7%	371.5	269	1.0%	83	7.7%	308.3	324	-16.2%
21405	492	***	***	***	***	***	***	***	***	***	***	***	***	***	***

21409	17,194	13	1.2%	75.6	1322	29	2.2%	168.7	592	123.1%	27	2.5%	157.0	636	107.7%
Unknown	--	11	1.0%	--	--	15	1.2%	--	--	36.4%	9	0.8%	--	--	-18.2%
TOTAL	468,309	1,114	100.0%	237.9	420	1,292	100.0%	275.9	362	16.0%	1,073	100.0%	229.1	436	-3.7%

*** 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 see the Maryland Current Residence Supplemental HIV Epidemiological Profile found here: http://phpa.dhmh.maryland.gov/OIDEOR/CHSE/Pages/statistics.aspx

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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+
20711	12	7	58.3%	515	0.0%	28.6%	14.3%	57.1%
20714	***	***	***	***	***	***	***	***
20724	74	41	55.4%	486	24.4%	12.2%	22.0%	41.5%
20733	4	***	***	***	***	***	***	***
20736	***	***	***	***	***	***	***	***
20751	10	***	***	***	***	***	***	***
20754	***	***	***	***	***	***	***	***
20755	10	***	***	***	***	***	***	***
20758	***	***	***	***	***	***	***	***
20764	5	5	100.0%	531	20.0%	0.0%	0.0%	80.0%
20765	***	***	***	***	***	***	***	***
20776	3	***	***	***	***	***	***	***
20778	3	***	***	***	***	***	***	***
20779	1	***	***	***	***	***	***	***
20794	20	12	60.0%	362	33.3%	16.7%	25.0%	25.0%
21012	21	10	47.6%	591	0.0%	20.0%	20.0%	60.0%
21032	13	5	38.5%	614	20.0%	0.0%	20.0%	60.0%
21035	5	***	***	***	***	***	***	***
21037	25	12	48.0%	550	16.7%	25.0%	0.0%	58.3%
21054	13	7	53.8%	876	0.0%	0.0%	14.3%	85.7%
21056	***	***	***	***	***	***	***	***
21060	72	42	58.3%	480	14.3%	16.7%	21.4%	47.6%
21061	181	101	55.8%	518	9.9%	14.9%	21.8%	53.5%
21076	17	13	76.5%	582	7.7%	15.4%	15.4%	61.5%
21077	***	***	***	***	***	***	***	***
21090	13	6	46.2%	961	16.7%	0.0%	0.0%	83.3%
21108	18	9	50.0%	645	0.0%	11.1%	0.0%	88.9%
21113	54	32	59.3%	429	21.9%	12.5%	25.0%	40.6%
21114	32	19	59.4%	502	10.5%	21.1%	15.8%	52.6%
21122	66	38	57.6%	665	18.4%	23.7%	2.6%	55.3%
21140	4	***	***	***	***	***	***	***
21144	88	45	51.1%	613	8.9%	13.3%	20.0%	57.8%
21146	21	15	71.4%	350	6.7%	40.0%	6.7%	46.7%
21225	67	46	68.7%	489	6.5%	23.9%	21.7%	47.8%
21226	2	***	***	***	***	***	***	***
21401	140	68	48.6%	497	13.2%	17.6%	19.1%	50.0%
21402	1	***	***	***	***	***	***	***
21403	99	58	58.6%	556	10.3%	15.5%	15.5%	58.6%
21405	***	***	***	***	***	***	***	***
21409	13	7	53.8%	352	28.6%	14.3%	28.6%	28.6%
Unknown	11	6	54.5%	790	0.0%	0.0%	16.7%	83.3%
TOTAL	1,114	623	55.9%	526	12.5%	16.9%	17.5%	53.1%

*** 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).

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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
20711	12	7	58.3%	100.0%	--
20714	***	***	***	***	***
20724	74	44	59.5%	75.0%	6,886
20733	4	***	***	***	***
20736	***	***	***	***	***
20751	0	0	0.0%	0.0%	-
20754	***	***	***	***	***
20755	10	***	***	***	***
20758	***	***	***	***	***
20764	5	***	***	***	***
20765	***	***	***	***	***
20776	3	0	0.0%	0.0%	--
20778	3	***	***	***	***
20779	1	***	***	***	***
20794	20	10	50.0%	60.0%	30,940
21012	21	7	33.3%	100.0%	--
21032	13	***	***	***	***
21035	5	***	***	***	***
21037	25	9	36.0%	66.7%	3,802
21054	13	6	46.2%	83.3%	59,670
21056	***	***	***	***	***
21060	72	36	50.0%	58.3%	10,930
21061	181	93	51.4%	66.7%	15,613
21076	17	11	64.7%	81.8%	514
21077	***	***	***	***	***
21090	13	5	38.5%	60.0%	10,906
21108	18	7	38.9%	57.1%	293
21113	54	25	46.3%	72.0%	5,760
21114	32	19	59.4%	84.2%	12,239
21122	66	37	56.1%	73.0%	7,016
21140	4	***	***	***	***
21144	88	44	50.0%	81.8%	3,425
21146	21	12	57.1%	91.7%	982
21225	67	38	56.7%	65.8%	12,443
21226	2	***	***	***	***
21401	140	64	45.7%	70.3%	28,230
21402	1	0	0.0%	0.0%	--
21403	99	51	51.5%	84.3%	3,097
21405	***	***	***	***	***
21409	13	5	38.5%	80.0%	680
Unknown	11	5	45.5%	100.0%	--
TOTAL	1,114	558	50.1%	74.0%	10,735

*** 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.

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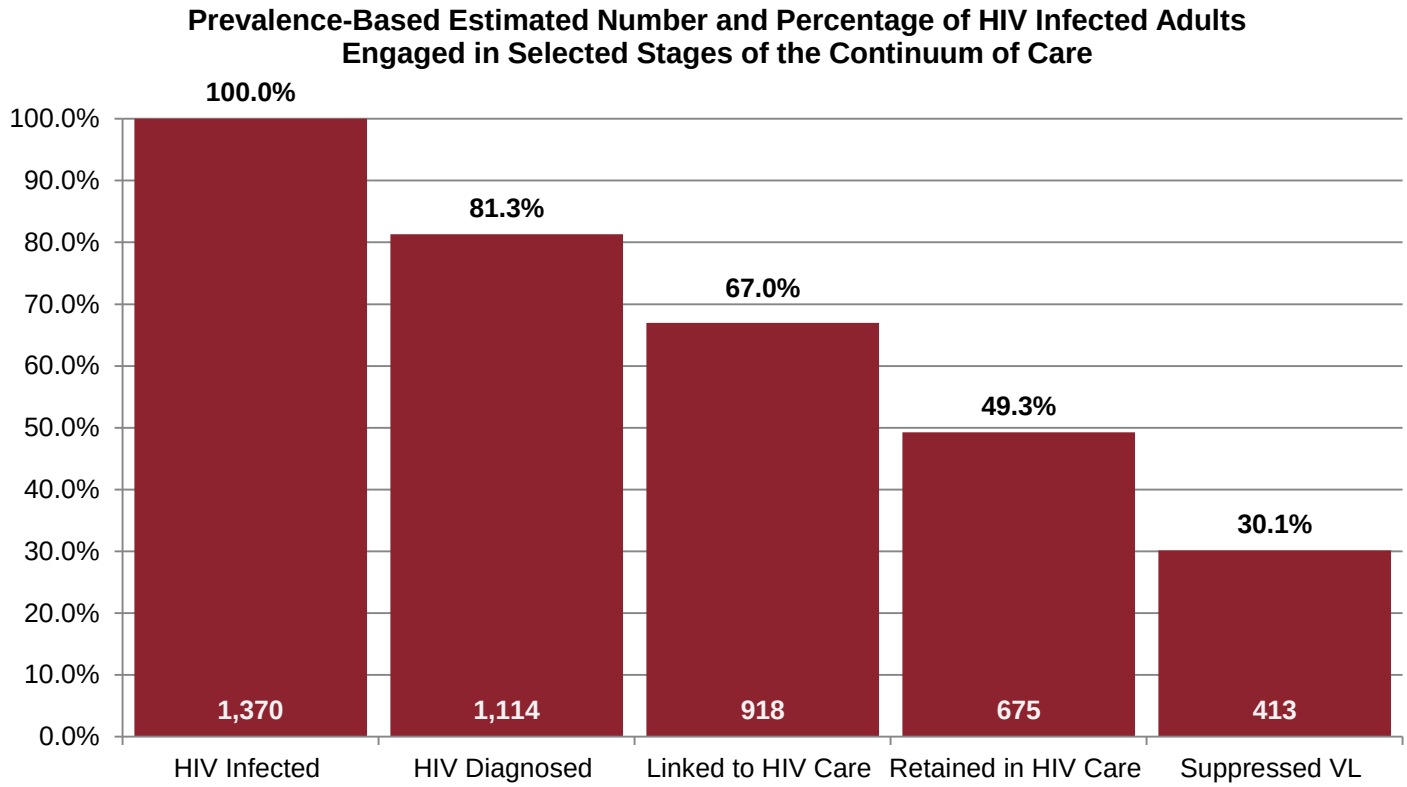
Figure 7 – Prevalence-Based Estimated Adult/Adolescent 2014 HIV Continuum of Care Cascades, Reported through 12/31/2015

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



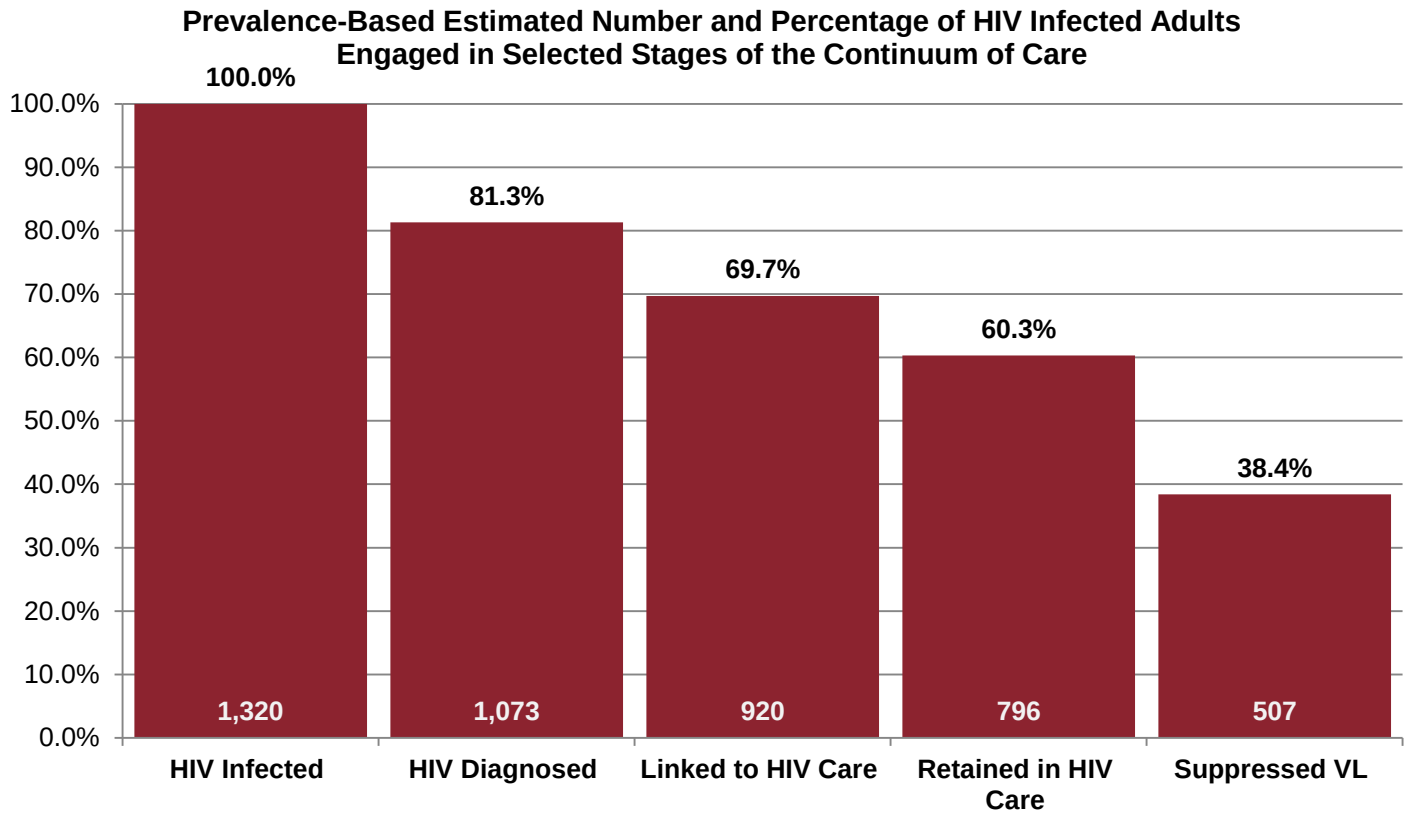
Continuum of Care Stage	Number	Percentage
HIV Infected	1,370	100.0%
HIV Diagnosed	1,114	81.3%
Linked to HIV Care	918	67.0%
Retained in HIV Care	675	49.3%
Suppressed VL	413	30.1%

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

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

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

In their 2011 article in Clinical Infectious Diseases, Gardner et al.[1] utilize a continuum of care "cascade" to illustrate national estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care. The prevalence-based Anne Arundel County Engagement in HIV Care Cascade (below) uses local data to describe the number and percentage of persons diagnosed with HIV in Anne Arundel County who belong to each of the stages of engagement in HIV care.[2]



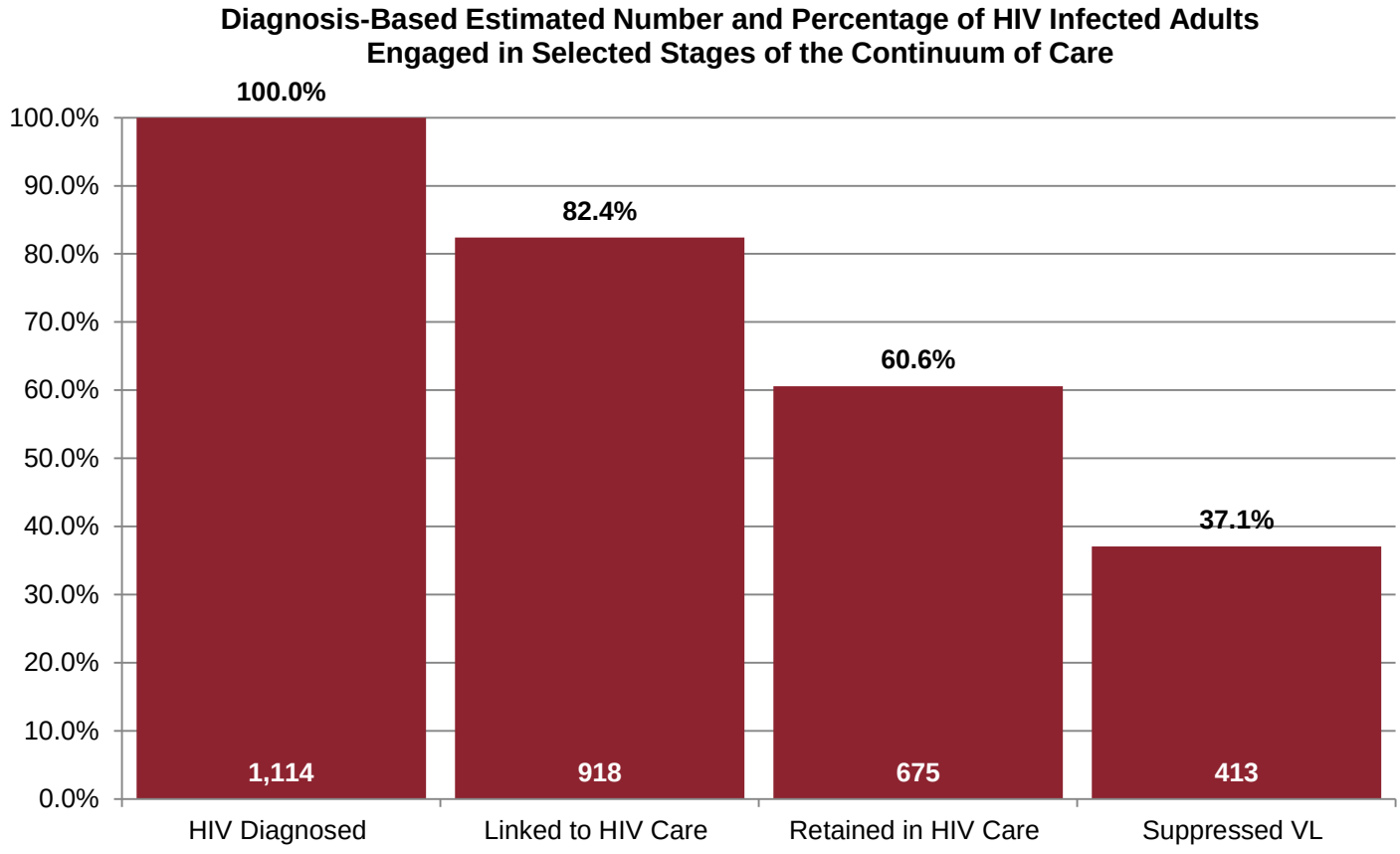
Continuum of Care Stage	Number	Percentage
HIV Infected	1,320	100.0%
HIV Diagnosed	1,073	81.3%
Linked to HIV Care	920	69.7%
Retained in HIV Care	796	60.3%
Suppressed VL	508	38.5%

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

For additional information regarding current residence see the Maryland Current Residence Supplemental HIV Epidemiological Profile found here: http://phpa.dhmh.maryland.gov/OIDEOR/CHSE/Pages/statistics.aspx

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

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



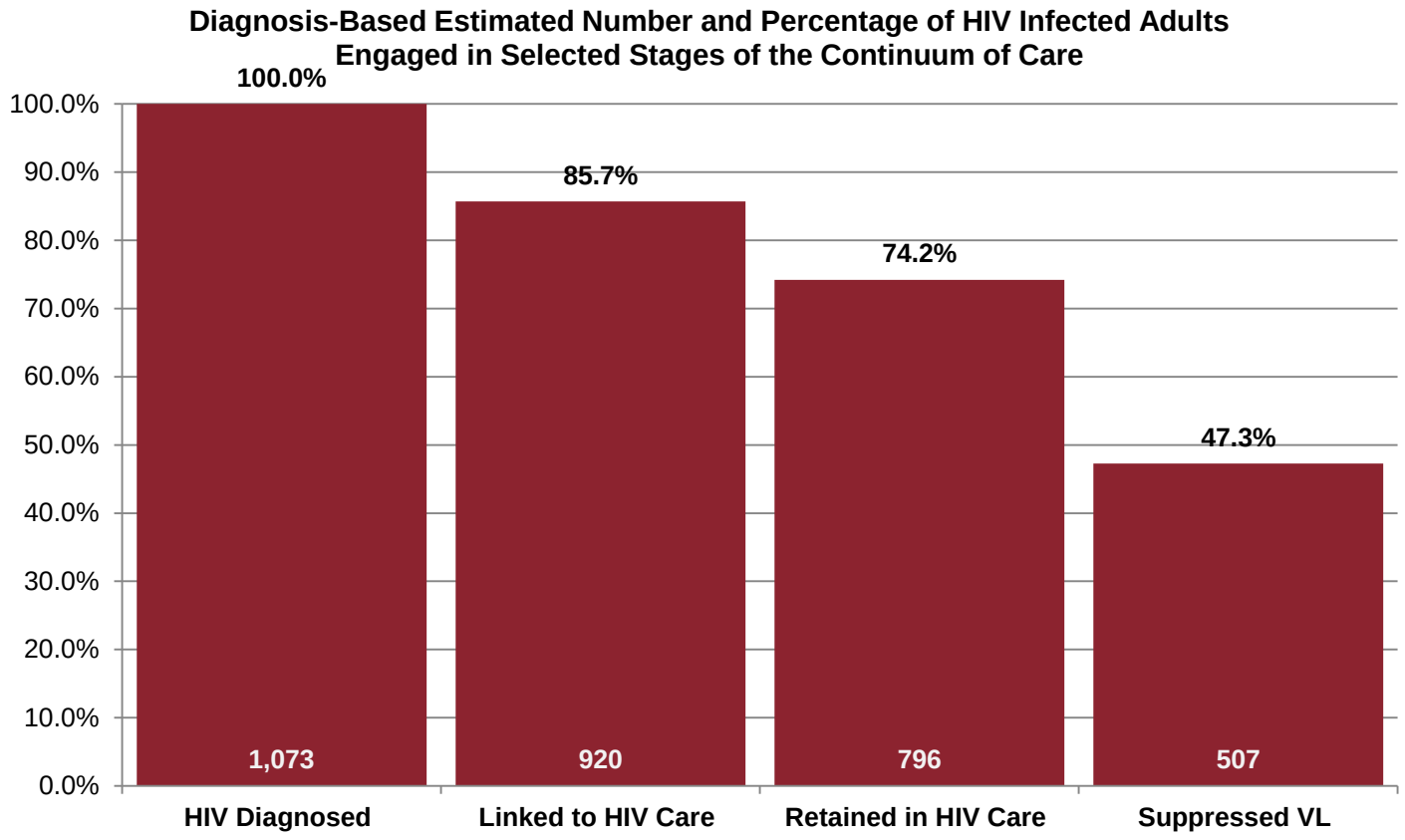
Continuum of Care Stage	Number	Percentage
HIV Diagnosed	1,114	100.0%
Linked to HIV Care	918	82.4%
Retained in HIV Care	675	60.6%
Suppressed VL	413	37.1%

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

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

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

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



Continuum of Care Stage	Number	Percentage
HIV Diagnosed	1,073	100.0%
Linked to HIV Care	920	85.7%
Retained in HIV Care	796	74.2%
Suppressed VL	507	47.3%

HIV Diagnosed: Adult/adolescent total living HIV cases as of December 31st of the specified year.
Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.
Retained in HIV Care: HIV Diagnosed with a CD4 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 see the Maryland Current Residence Supplemental HIV Epidemiological Profile found here: http://phpa.dhmh.maryland.gov/OIDEOR/CHSE/Pages/statistics.aspx

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)	35,451	--	0.0%	0.0	--	0.0%	--	0.0%	0	0.0%	--
5-12 (Pediatric)	56,373	--	0.0%	0.0	--	0.0%	--	0.0%	0	0.0%	--
13-19	48,042	***	***	***	***	***	--	0.0%	***	***	***
20-29	76,972	16	31.4%	20.8	12	75.0%	***	***	11	68.8%	468
30-39	75,966	10	19.6%	13.2	9	90.0%	***	***	10	100.0%	307
40-49	77,421	8	15.7%	10.3	6	75.0%	***	***	8	100.0%	171
50-59	82,787	12	23.5%	14.5	10	83.3%	***	***	11	91.7%	237
60+	107,121	***	***	***	***	***	***	***	***	***	***
Total	560,133	51	100.0%	9.1	42	82.4%	12	23.5%	44	86.3%	301

*** 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)	35,451	0	0.0%	0.0	--	--
5-12 (Pediatric)	56,373	0	0.0%	0.0	--	--
13-19	48,042	0	0.0%	0.0	--	--
20-29	76,972	3	13.6%	3.9	***	***
30-39	75,966	4	18.2%	5.3	***	***
40-49	77,421	8	36.4%	10.3	7.7	37.5%
50-59	82,787	5	22.7%	6.0	10	40.0%
60+	107,121	2	9.1%	1.9	***	***
Total	560,133	22	100.0%	3.9	6.7	50.0%

*** 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.

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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.

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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	35,451	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
5-12	56,373	1	0.2%	1.8	1	0.2%	0.4	2	0.2%	3.5	28,186
13-19	48,042	7	1.4%	14.6	4	0.6%	1.2	11	1.0%	22.9	4,367
20-29	76,972	97	19.2%	126.0	37	5.9%	7.7	134	11.8%	174.1	574
30-39	75,966	91	18.0%	119.8	87	13.8%	18.2	178	15.7%	234.3	426
40-49	77,421	127	25.1%	164.0	184	29.2%	37.7	311	27.4%	401.7	248
50-59	82,787	127	25.1%	153.4	213	33.8%	40.8	340	30.0%	410.7	243
60+	107,121	55	10.9%	51.3	104	16.5%	15.4	159	14.0%	148.4	673
Total	560,133	505	100.0%	90.2	630	100.0%	17.9	1,135	100.0%	202.6	493

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.

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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	3	***	***	***	***	***	***	***
20-29	126	***	***	***	***	***	***	***
30-39	175	101	57.7%	477	14.9%	17.8%	21.8%	45.5%
40-49	311	170	54.7%	547	12.4%	15.3%	14.7%	57.6%
50-59	340	187	55.0%	518	13.9%	18.7%	16.0%	51.3%
60+	159	93	58.5%	594	9.7%	19.4%	17.2%	53.8%
Total	1,114	623	55.9%	526	12.5%	16.9%	17.5%	53.1%

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

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

Age On 12/31/2014	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
13-19	3	***	***	***	***
20-29	126	75	59.5%	56.0%	12,400
30-39	175	89	50.9%	64.0%	14,028
40-49	311	158	50.8%	79.7%	4,603
50-59	340	165	48.5%	78.2%	8,472
60+	159	***	***	***	***
Total	1,114	558	50.1%	74.0%	10,735

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

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

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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	230,431	36	70.6%	15.6	31	86.1%	9	25.0%	32	88.9%	281
Female	237,878	15	29.4%	6.3	11	73.3%	***	***	12	80.0%	321
Total	468,309	51	100.0%	10.9	42	82.4%	12	23.5%	44	86.3%	301

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	29,140	5	9.8%	17.2	***	***	***	***	5	100.0%	306
Non-Hispanic	439,169	46	90.2%	10.5	39	84.8%	11	23.9%	39	84.8%	266
American Indian/Alaska Native, only	1,270	0	0.0%	0.0	--	--	--	--	--	--	--
Asian, only	17,948	1	2.0%	5.6	***	***	***	***	***	***	***
Black, only	72,873	33	64.7%	45.3	26	78.8%	6	18.2%	27	81.8%	346
Native Hawaiian/ Other Pacific Islander, only	412	0	0.0%	0.0	--	--	--	--	--	--	--
White only	338,042	10	19.6%	3.0	10	100.0%	***	***	9	90.0%	237
Multiracial/ Other	8,623	2	3.9%	23.2	***	***	***	***	***	***	***
Total	468,309	51	100.0%	10.9	42	82.4%	12	23.5%	44	86.3%	301

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	417,444	42	82.4%	10.1	35	83.3%	11	26.2%	37	88.1%	318
Foreign-born	41,471	5	9.8%	12.1	***	***	--	--	***	***	***
Africa	--	2	3.9%	--	***	***	***	***	***	***	***
Asia	--	1	2.0%	--	***	***	***	***	***	***	***
Caribbean	--	0	0.0%	--	--	--	--	--	--	--	--
Central America	--	1	2.0%	--	--	--	--	--	***	***	***
Other	--	0	0.0%	--	--	--	--	--	--	--	--
Unknown	--	5	9.8%	--	***	***	--	--	***	***	***
Total	458,915	51	100.0%	11.1	42	82.4%	12	23.5%	44	86.3%	301

* 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.

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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	230,431	17	77.3%	7.4	6.8	52.9%
Female	237,878	5	22.7%	2.1	6.2	40.0%
Total	468,309	22	100.0%	4.7	6.7	50.0%

Race/Ethnicity	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	29,140	2	9.1%	6.9	***	***
Non-Hispanic	439,169	20	90.9%	4.6	7.3	45.0%
American Indian/Alaska Native, only	1,270	0	0.0%	0.0	--	--
Asian, only	17,948	1	4.5%	5.6	***	***
Black, only	72,873	10	45.5%	13.7	6.4	40.0%
Native Hawaiian/Other Pacific Islander, only	412	0	0.0%	0.0	--	--
White only	338,042	7	31.8%	2.1	9.5	42.9%
Multiracial/Other	8,623	2	9.1%	23.2	***	***
Total	468,309	22	100.0%	4.7	6.7	50.0%

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	417,444	21	95.5%	5.0	7.0	47.6%
Foreign-born	41,471	1	4.5%	2.4	***	***
Africa	--	0	0.0%	--	--	0.0%
Asia	--	1	4.5%	--	***	***
Caribbean	--	0	0.0%	--	--	0.0%
Central America	--	0	0.0%	--	--	0.0%
Other	--	0	0.0%	--	--	0.0%
Unknown	--	0	0.0%	--	--	0.0%
Total	458,915	22	100.0%	4.8	6.7	50.0%

* 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	230,431	340	68.5%	147.5	432	69.9%	187.5	772	69.3%	335.0	298
Female	237,878	156	31.5%	65.6	186	30.1%	78.2	342	30.7%	143.8	695
Total	468,309	496	100.0%	105.9	618	100.0%	132.0	1,114	100.0%	237.9	420

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	29,140	31	6.3%	106.4	57	9.2%	195.6	88	7.9%	580.0	331
Non-Hispanic	439,169	465	93.8%	105.9	561	90.8%	127.7	1,026	92.1%	215.2	428
American Indian/Alaska Native, only	1,270	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0	--
Asian, only	17,948	***	***	***	***	***	***	***	***	***	***
Black, only	72,873	253	51.0%	347.2	350	56.6%	480.3	603	54.1%	752.0	120
Native Hawaiian/ Other Pacific Islander, only	412	***	***	***	***	***	***	***	***	***	***
White only	338,042	183	36.9%	54.1	159	25.7%	47.0	342	30.7%	95.8	988
Multiracial/ Other	8,623	25	5.0%	289.9	51	8.3%	591.4	76	6.8%	788.6	113
Total	468,309	496	100.0%	105.9	618	100.0%	132.0	1,114	100.0%	237.9	420

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	417,444	447	90.1%	107.1	564	91.3%	135.1	1011	90.8%	242.2	412
Foreign-born	41,471	28	5.6%	67.5	48	7.8%	115.7	76	6.8%	183.3	545
Africa	--	9	1.8%	--	14	2.3%	--	23	2.1%	--	--
Asia	--	***	***	--	5	0.8%	--	9	0.8%	--	--
Caribbean	--	***	***	--	***	***	--	***	***	--	--
Central America	--	9	1.8%	--	24	3.9%	--	33	3.0%	--	--
Other	--	***	***	--	***	***	--	***	***	--	--
Unknown	--	21	4.2%	--	6	1.0%	--	27	2.4%	--	--
Total	458,915	496	100.0%	108.1	618	100.0%	134.7	1114	100.0%	242.7	411

* 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 to13 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.

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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	772	420	54.4%	501	13.3%	19.3%	17.1%	50.2%
Female	342	203	59.4%	566	10.8%	11.8%	18.2%	59.1%
Total	1,114	623	55.9%	526	12.5%	16.9%	17.5%	53.1%

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	88	48	54.5%	514	8.3%	18.8%	20.8%	52.1%
Non-Hispanic	1,026	575	56.0%	528	12.9%	16.7%	17.2%	53.2%
American Indian/Alaska Native, only	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
Asian, only	4	***	***	***	***	***	***	***
Black, only	603	344	57.0%	524	13.4%	15.4%	18.0%	53.2%
Native Hawaiian/Other Pacific Islander, only	1	***	***	***	***	***	***	***
White only	342	172	50.3%	592	9.9%	17.4%	14.0%	58.7%
Multiracial/Other	76	56	73.7%	414	19.6%	21.4%	21.4%	37.5%
Total	1,114	623	55.9%	526	12.5%	16.9%	17.5%	53.1%

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	1,011	565	55.9%	528	13.1%	17.0%	16.6%	53.3%
Foreign-born	76	45	59.2%	478	6.7%	17.8%	26.7%	48.9%
Africa	23	15	65.2%	580	6.7%	13.3%	20.0%	60.0%
Asia	9	5	55.6%	381	0.0%	40.0%	60.0%	0.0%
Caribbean	4	***	***	***	***	***	***	***
Central America	33	20	60.6%	468	10.0%	20.0%	25.0%	45.0%
Other	7	***	***	***	***	***	***	***
Unknown	27	13	48.1%	594	7.7%	7.7%	23.1%	61.5%
Total	1,114	623	55.9%	526	12.5%	16.9%	17.5%	53.1%

*** 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	772	372	48.2%	75.5%	12,239
Female	342	186	54.4%	71.0%	4,697
Total	1,114	558	50.1%	74.0%	10,735

Race/Ethnicity	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	88	41	46.6%	82.9%	6,886
Non-Hispanic	1,026	517	50.4%	73.3%	10,833
American Indian/Alaska Native, only	--	--	0.0%	0.0%	--
Asian, only	4	***	***	***	***
Black, only	603	307	50.9%	72.0%	14,425
Native Hawaiian/Other Pacific Islander, only	1	***	***	***	***
White only	342	160	46.8%	80.0%	9,485
Multiracial/Other	76	46	60.5%	56.5%	4,809
Total	1,114	558	50.1%	74.0%	10,735

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	1,011	507	50.1%	73.8%	12,400
Foreign-born	76	36	47.4%	72.2%	1,055
Africa	23	13	56.5%	69.2%	659
Asia	9	5	55.6%	80.0%	240
Caribbean	4	--	--	--	--
Central America	33	14	42.4%	71.4%	2,511
Other	7	***	***	***	***
Unknown	27	15	55.6%	86.7%	386
Total	1,114	558	50.1%	74.0%	10,735

*** 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.

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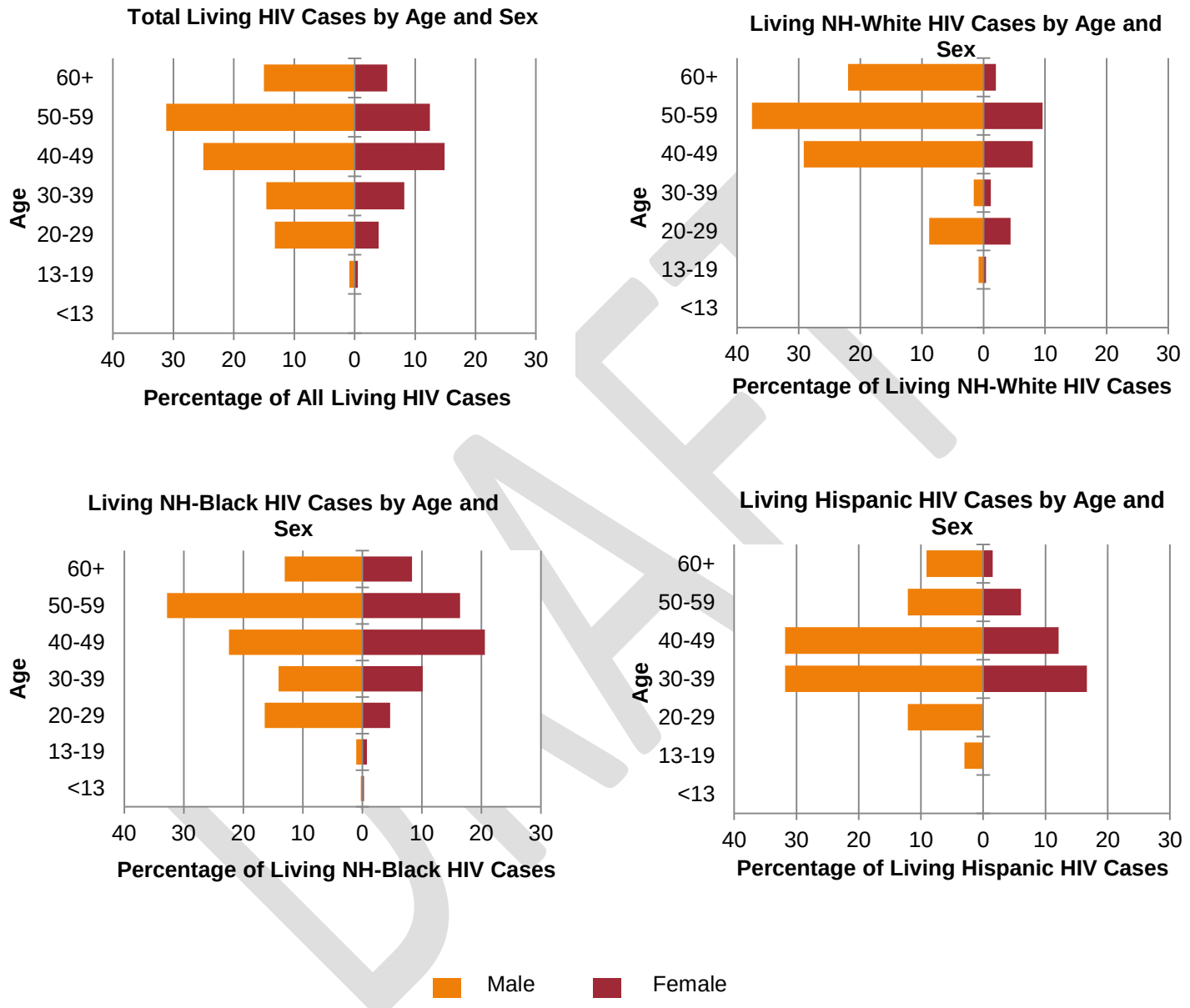
Section VI – HIV Cases by Expanded Demographics

Figure 9 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity, Alive on 12/31/2014 and Reported through 12/31/2015



Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

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

Males						
Age On 12/31/2014		Race/Ethnicity				Total Males by Age Group
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	5,507	8,360	28,387	4,633	46,886
	Cases	***	***	0	***	1
	Rate	***	***	0.0	***	2.1
	Ratio (1 in X)	***	***	--	***	46,886
13-19	Population	2,236	4,541	16,235	1,997	25,010
	Cases	0	4	2	1	7
	Rate	0.0	88.1	12.3	50.1	28.0
	Ratio (1 in X)	--	1,135	8,117	1,997	3,572
20-29	Population	3,842	6,923	26,972	2,901	40,638
	Cases	8	63	22	10	103
	Rate	208.2	910.0	81.6	344.7	253.5
	Ratio (1 in X)	480	109	1,226	290	394
30-39	Population	4,174	6,655	24,646	2,621	38,096
	Cases	21	54	28	11	114
	Rate	503.1	811.4	113.6	419.7	299.2
	Ratio (1 in X)	198	123	880	238	334
40-49	Population	2,649	6,426	26,753	2,079	37,907
	Cases	21	86	73	15	195
	Rate	792.8	1338.3	272.9	721.5	514.4
	Ratio (1 in X)	126	74	366	138	194
50-59	Population	1,394	5,522	31,580	1,762	40,258
	Cases	8	126	94	15	243
	Rate	573.9	2281.8	297.7	851.3	603.6
	Ratio (1 in X)	174	43	335	117	165
60+	Population	938	5,037	40,794	1,753	48,522
	Cases	***	50	55	***	117
	Rate	***	992.7	134.8	***	241.1
	Ratio (1 in X)	***	100	741	***	414
Total Males by Race/Ethnicity	Population	20,740	43,464	195,367	17,746	277,317
	Cases	115	355	258	52	780
	Rate	554.5	816.8	132.1	293.0	281.3
	Ratio (1 in X)	180	122	757	341	355

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

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.

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

Females						
Age On 12/31/2014		Race/Ethnicity				Total Females by Age Group
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	5,449	8,109	26,956	4,424	44,938
	Cases	0	***	0	***	1
	Rate	0.0	***	0.0	***	2.2
	Ratio (1 in X)	--	***	--	***	44,938
13-19	Population	2,020	4,298	14,718	1,996	23,032
	Cases	0	***	1	***	4
	Rate	0.0	***	6.8	***	17.4
	Ratio (1 in X)	--	***	14,718	***	5,758
20-29	Population	3,281	6,342	23,810	2,901	36,334
	Cases	0	18	11	2	31
	Rate	0.0	283.8	46.2	68.9	85.3
	Ratio (1 in X)	--	352	2,164	1,450	1,172
30-39	Population	3,607	6,990	24,281	2,992	37,870
	Cases	11	39	12	2	64
	Rate	305.0	557.9	49.4	66.8	169.0
	Ratio (1 in X)	327	179	2,023	1,496	591
40-49	Population	2,426	6,986	27,544	2,558	39,514
	Cases	8	79	20	9	116
	Rate	329.8	1,130.8	72.6	351.8	293.6
	Ratio (1 in X)	303	88	1,377	284	340
50-59	Population	1,385	6,290	32,625	2,229	42,529
	Cases	4	63	24	6	97
	Rate	288.8	1,001.6	73.6	269.2	228.1
	Ratio (1 in X)	346	99	1,359	371	438
60+	Population	1,188	6,862	48,084	2,465	58,599
	Cases	1	32	5	4	42
	Rate	84.2	466.3	10.4	162.3	71.7
	Ratio (1 in X)	1,188	214	9,616	616	1,395
Total Females by Race/Ethnicity	Population	19,356	45,877	198,018	19,565	282,816
	Cases	55	208	71	21	355
	Rate	284.1	453.4	35.9	107.3	125.5
	Ratio (1 in X)	351	220	2,788	931	796

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.

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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	40	100.0%	32	80.0%	8	20.0%	33	82.5%	296
Men who have Sex with Men (MSM)	24	60.0%	20	83.3%	***	***	21	87.5%	322
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	--	--	--	--	--	--	--
Heterosexual Exposure (HET)	***	***	***	***	***	***	***	***	***
Other Exposure	0	0.0%	--	--	--	--	--	--	--
No Reported Exposure	11		10	90.9%	4	36.4%	11	100.0%	335
Total	51		42	82.4%	12	23.5%	44	86.3%	301

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	29	100.0%	24	82.8%	6	20.7%	25	86.2%	306
Men who have Sex with Men (MSM)	24	82.8%	20	83.3%	***	***	21	87.5%	322
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	--	--	--	--	--	--	--
Heterosexual Exposure (HET)	***	***	***	***	***	***	***	***	***
Other Exposure	0	0.0%	--	--	--	--	--	--	--
No Reported Exposure	7		7	100.0%	3	42.9%	7	100.0%	239
Total	36		31	86.1%	9	25.0%	32	88.9%	281

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	11	100.0%	8	72.7%	2	18.2%	8	72.7%	281
Injection Drug Users (IDU)	0	0.0%	--	--	--	--	--	--	--
Heterosexual Exposure (HET)	11	100.0%	8	72.7%	***	***	8	72.7%	281
Other Exposure	0	0.0%	--	--	--	--	--	--	--
No Reported Exposure	4		3	75.0%	1	25.0%	4	100.0%	1,108
Total	15		11	73.3%	3	20.0%	12	80.0%	321

*** 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.

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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	18	100.0%	7.8	44.4%
Men who have Sex with Men (MSM)	10	55.6%	7.6	50.0%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	--	--
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure*	4		1.7	75.0%
Total	22		6.7	50.0%

Male Exposure Category	Adult/Adolescent AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	14	100.0%	8.3	42.9%
Men who have Sex with Men (MSM)	10	71.4%	12	0.0%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	--	--
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	0	0.0%	--	--
No Reported Exposure	3		0.1	100.0%
Total	17		6.8	52.9%

Female Exposure Category	Adult/Adolescent AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	4	100.0%	6.1	50.0%
Injection Drug Users (IDU)	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	0	0.0%	--	--
No Reported Exposure*	1		6.7	0.0%
Total	5		6.2	40.0%

***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	364	100.0%	510	100.0%	874	100.0%
Men who have Sex with Men (MSM)	202	55.5%	212	41.6%	414	47.4%
Injection Drug Users (IDU)	35	9.6%	96	18.8%	131	15.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	9	2.5%	15	2.9%	24	2.7%
Heterosexual Exposure (HET)	116	31.9%	182	35.7%	298	34.1%
Other Exposures	2	0.5%	5	1.0%	7	0.8%
No Reported Exposure*	132		108		240	
Total	496		618		1,114	

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	265	100.0%	358	100.0%	623	100.0%
Men who have Sex with Men (MSM)	202	76.2%	212	59.2%	414	66.5%
Injection Drug Users (IDU)	18	6.8%	64	17.9%	82	13.2%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	9	3.4%	15	4.2%	24	3.9%
Heterosexual Exposure (HET)	35	13.2%	65	18.2%	100	16.1%
Other Exposures	1	0.4%	2	0.6%	3	0.5%
No Reported Exposure	75		74		149	
Total	340		432		772	

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	99	100.0%	152	100.0%	251	100.0%
Injection Drug Users (IDU)	17	17.2%	32	21.1%	49	19.5%
Heterosexual Exposure (HET)	81	81.8%	117	77.0%	198	78.9%
Other Exposures	1	1.0%	3	2.0%	4	1.6%
No Reported Exposure*	57		34		91	
Total	156		186		342	

* Includes 4 HIV cases without AIDS and 8 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	67	100.0%	462	100.0%	276	100.0%
Men who have Sex with Men (MSM)	32	47.8%	172	37.2%	183	66.3%
Injection Drug Users (IDU)	***	***	82	17.7%	35	12.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	10	2.2%	6	2.2%
Heterosexual Exposure (HET)	31	46.3%	195	42.2%	49	17.8%
Other Exposures	1	1.5%	3	0.6%	3	1.1%
No Reported Exposure*	21		141		66	
Total	88		603		342	

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	47	100.0%	305	100.0%	223	100.0%
Men who have Sex with Men (MSM)	32	68.1%	172	56.4%	183	82.1%
Injection Drug Users (IDU)	***	***	59	19.3%	15	6.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	10	3.3%	6	2.7%
Heterosexual Exposure (HET)	12	25.5%	63	20.7%	17	7.6%
Other Exposures	0	0.0%	***	***	***	***
No Reported Exposure	17		74		48	
Total	64		379		271	

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	20	100.0%	157	100.0%	53	100.0%
Injection Drug Users (IDU)	0	0.0%	23	14.6%	20	37.7%
Heterosexual Exposure (HET)	19	95.0%	132	84.1%	32	60.4%
Other Exposures	1	5.0%	2	1.3%	1	1.9%
No Reported Exposure*	4		67		18	
Total	24		224		71	

* Includes 1 Hispanic case, 6 non-Hispanic black cases, and 1 non-Hispanic white case with Presumed Female Heterosexual exposure

*** 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.

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	874	496	56.8%	541	11.5%	16.9%	16.3%	55.2%
Men who have Sex with Men (MSM)	414	229	55.3%	576	10.0%	15.7%	15.3%	59.0%
Injection Drug Users (IDU)	131	80	61.1%	499	12.5%	22.5%	15.0%	50.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	24	10	41.7%	591	20.0%	10.0%	10.0%	60.0%
Heterosexual Exposure (HET)	298	171	57.4%	528	12.3%	17.0%	17.5%	53.2%
Other Exposures	7	6	85.7%	384	16.7%	0.0%	50.0%	33.3%
No Reported Exposure	240	127	52.9%	478	16.5%	16.5%	22.0%	44.9%
Total	1,114	623	55.9%	526	12.5%	16.9%	17.5%	53.1%

* Includes 12 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	874	441	50.5%	75.1%	12,275
Men who have Sex with Men (MSM)	414	210	50.7%	76.2%	12,275
Injection Drug Users (IDU)	131	67	51.1%	73.1%	14,801
Men who have Sex with Men and Inject Drugs (MSM/IDU)	24	7	29.2%	42.9%	55,232
Heterosexual Exposure (HET)	298	154	51.7%	75.3%	11,108
Other Exposures	7	3	42.9%	100.0%	--
No Reported Exposure	240	117	48.8%	70.1%	3,797
Total	1,114	558	50.1%	74.0%	10,735

* Includes 12 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.

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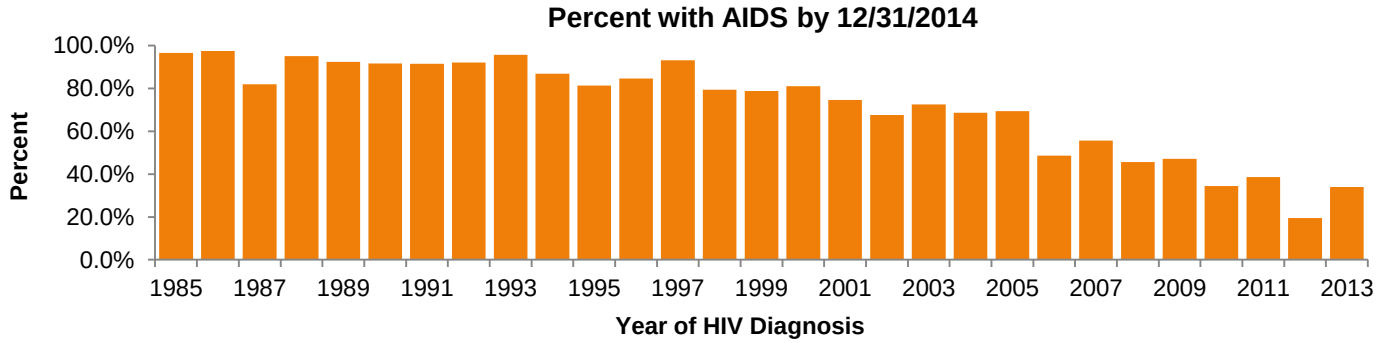
Section VIII – Disease Progression and Mortality

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

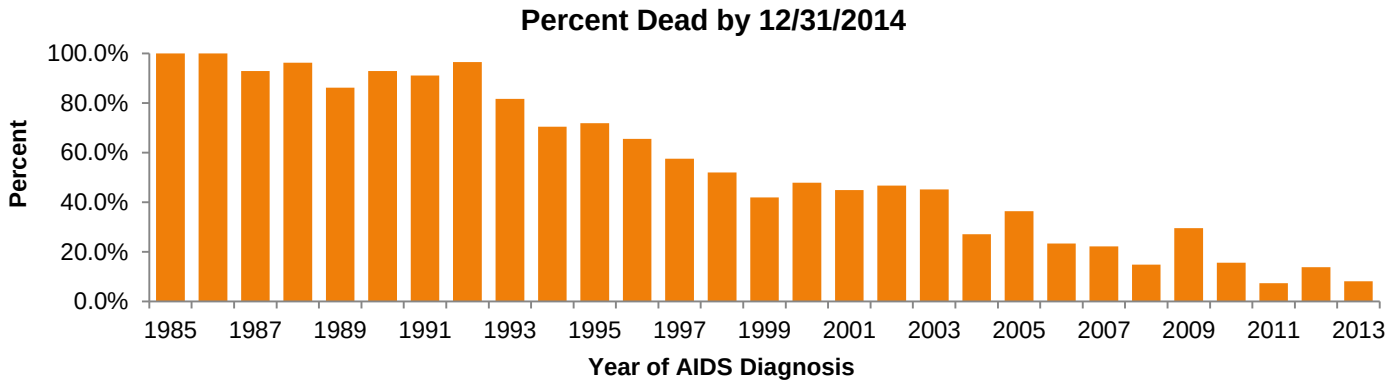
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/13 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2014 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis 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	12	12	100.0%	6.8	41.7%	41.7%	41.7%	75.0%
1985	29	28	96.6%	5.5	44.8%	44.8%	51.7%	86.2%
1986	40	39	97.5%	3.7	40.0%	40.0%	57.5%	97.5%
1987	50	41	82.0%	4.8	32.0%	36.0%	44.0%	72.0%
1988	61	58	95.1%	4.5	36.1%	41.0%	62.3%	83.6%
1989	66	61	92.4%	3.3	48.5%	54.5%	68.2%	83.3%
1990	72	66	91.7%	3.6	41.7%	47.2%	65.3%	87.5%
1991	71	65	91.5%	2.8	43.7%	53.5%	76.1%	88.7%
1992	77	71	92.2%	2.9	54.5%	61.0%	76.6%	83.1%
1993	69	66	95.7%	2.5	55.1%	59.4%	75.4%	95.7%
1994	61	53	86.9%	2.7	52.5%	62.3%	70.5%	78.7%
1995	64	52	81.3%	1.6	59.4%	65.6%	71.9%	76.6%
1996	65	55	84.6%	1.6	67.7%	72.3%	73.8%	81.5%
1997	44	41	93.2%	1.5	61.4%	70.5%	84.1%	93.2%
1998	68	54	79.4%	1.8	54.4%	57.4%	67.6%	76.5%
1999	57	45	78.9%	2.3	57.9%	57.9%	63.2%	73.7%
2000	58	47	81.0%	1.1	69.0%	70.7%	75.9%	79.3%
2001	67	50	74.6%	1.4	55.2%	61.2%	68.7%	71.6%
2002	68	46	67.6%	1.9	47.1%	51.5%	57.4%	64.7%
2003	69	50	72.5%	1.4	55.1%	59.4%	65.2%	71.0%
2004	70	48	68.6%	1.6	51.4%	52.9%	60.0%	65.7%
2005	62	43	69.4%	1.4	51.6%	54.8%	61.3%	--
2006	72	35	48.6%	0.6	40.3%	40.3%	47.2%	--
2007	79	44	55.7%	1.3	36.7%	39.2%	51.9%	--
2008	90	41	45.6%	1.0	35.6%	38.9%	42.2%	--
2009	70	33	47.1%	0.9	35.7%	40.0%	--	--
2010	64	22	34.4%	0.5	29.7%	29.7%	--	--
2011	57	22	38.6%	0.1	38.6%	38.6%	--	--
2012	41	8	19.5%	0.2	17.1%	19.5%	--	--
2013	53	18	34.0%	0.1	34.0%	--	--	--
Total	1,826	1,314	72.0%	2.3	46.7%	50.5%	59.4%	68.7%

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

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

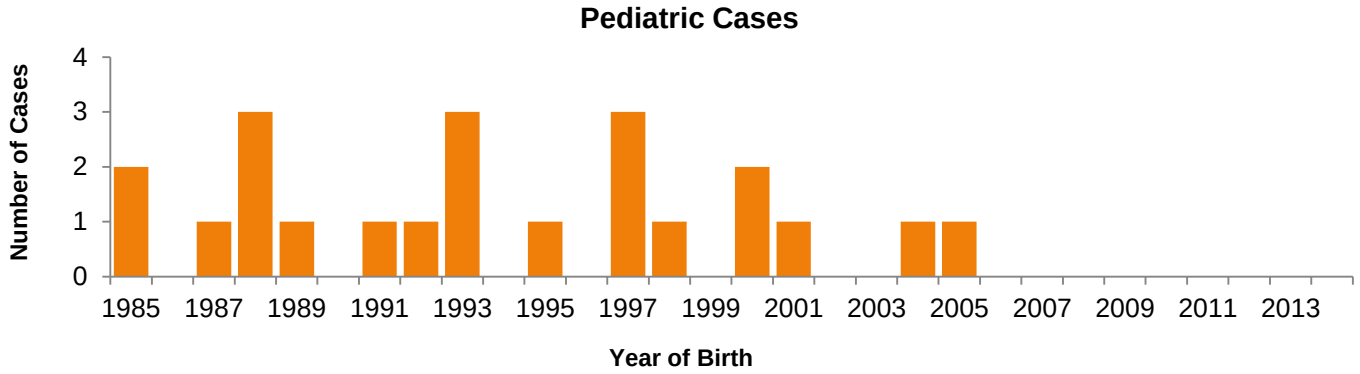


Year of HIV Diagnosis	Adult/Adolescent Reported AIDS Diagnoses							
		Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
	No.	No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	5	5	100.0%	0.6	20.0%	20.0%	0.0%	0.0%
1985	12	12	100.0%	2.7	41.7%	16.7%	8.3%	8.3%
1986	15	15	100.0%	3.5	80.0%	53.3%	13.3%	6.7%
1987	14	13	92.9%	1.5	50.0%	21.4%	14.3%	7.1%
1988	26	25	96.2%	2.7	53.8%	38.5%	19.2%	7.7%
1989	29	25	86.2%	1.6	62.1%	48.3%	13.8%	13.8%
1990	42	39	92.9%	2.3	73.8%	42.9%	16.7%	9.5%
1991	45	41	91.1%	3.0	77.8%	55.6%	26.7%	15.6%
1992	57	55	96.5%	3.0	73.7%	47.4%	14.0%	12.3%
1993	76	62	81.6%	2.6	72.4%	50.0%	27.6%	23.7%
1994	54	38	70.4%	4.1	79.6%	64.8%	42.6%	40.7%
1995	64	46	71.9%	3.8	76.6%	62.5%	46.9%	37.5%
1996	58	38	65.5%	4.5	79.3%	69.0%	58.6%	43.1%
1997	40	23	57.5%	6.8	87.5%	82.5%	70.0%	62.5%
1998	50	26	52.0%	6.0	88.0%	86.0%	76.0%	60.0%
1999	43	18	41.9%	5.5	90.7%	83.7%	79.1%	65.1%
2000	46	22	47.8%	5.9	91.3%	87.0%	78.3%	65.2%
2001	49	22	44.9%	3.9	83.7%	75.5%	69.4%	59.2%
2002	45	21	46.7%	3.8	84.4%	77.8%	66.7%	57.8%
2003	51	23	45.1%	3.3	84.3%	78.4%	66.7%	56.9%
2004	59	16	27.1%	3.3	89.8%	89.8%	79.7%	74.6%
2005	44	16	36.4%	3.0	86.4%	81.8%	75.0%	--
2006	43	10	23.3%	2.1	90.7%	86.0%	79.1%	--
2007	45	10	22.2%	2.7	93.3%	88.9%	84.4%	--
2008	54	8	14.8%	0.8	88.9%	88.9%	85.2%	--
2009	44	13	29.5%	1.9	84.1%	81.8%	--	--
2010	32	5	15.6%	1.2	90.6%	87.5%	--	--
2011	41	3	7.3%	1.9	97.6%	97.6%	--	--
2012	29	4	13.8%	1.1	93.1%	89.7%	--	--
2013	37	3	8.1%	0.7	94.6%	--	--	--
Total	1,249	657	52.6%	3.4	82.3%	72.3%	59.1%	52.4%

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	6	0	0	0	
1985	2	1	0	0	1
1986	0	1	1	1	1
1987	1	2	1	0	3
1988	3	3	1	0	6
1989	1	1	1	0	7
1990	0	3	0	1	9
1991	1	0	2	0	8
1992	1	0	1	0	8
1993	3	4	1	0	13
1994	0	1	1	0	14
1995	1	1	0	2	13
1996	0	2	2	0	14
1997	3	2	2	0	16
1998	1	0	1	0	16
1999	0	1	1	1	16
2000	2	0	0	0	16
2001	1	0	1	0	15
2002	0	0	0	0	15
2003	0	0	0	0	15
2004	1	0	0	0	15
2005	1	0	0	0	15
2006	0	1	1	0	17
2007	0	5	0	0	22
2008	0	0	0	0	23
2009	0	0	0	0	23
2010	0	0	0	0	23
2011	0	0	0	1	23
2012	0	0	1	0	22
2013	0	0	0	0	22
2014	0	0	1	0	21
Total	28	28	19	6	

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
20711	1	4.8%
20724	1	4.8%
21032	1	4.8%
21060	2	9.5%
21076	1	4.8%
21108	2	9.5%
21113	2	9.5%
21122	4	19.0%
21144	4	19.0%
21401	2	9.5%
21403	1	4.8%
Total	21	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.

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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	8	38.1%
Female	13	61.9%
Total	21	100.0%

Race/Ethnicity	Pediatric Total Living HIV Cases	
	No.	% of Total
Hispanic	0	0.0%
Non-Hispanic	21	100.0%
American Indian/ Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	16	76.2%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	5	23.8%
Multiracial/Other	0	0.0%
Total	21	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.

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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.

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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 12/31/2011.

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

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

Population: Population estimate for 7/1/2014.

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

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

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

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

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

Reported AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

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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

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