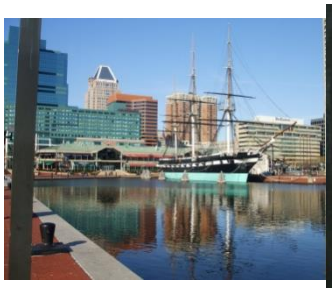

2012

Southern Region Annual HIV Epidemiological Profile

2012 Southern Region Annual HIV Epidemiological Profile

Data reported through December 31, 2013

Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Bureau
Prevention and Health Promotion Administration
Maryland Department of Health and Mental Hygiene
http://phpa.dhmh.maryland.gov/oideor/chse
1-800-358-9001

Acknowledgements

This report is published by the Center for HIV Surveillance, Epidemiology and Evaluation annually with valuable contribution from the following people listed. In addition, this report would not have been possible without the cooperation, dedication and hard work of HIV health care providers, community groups, researchers and members of the community and contribution from people with HIV.

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Suggested Citation: Maryland Annual HIV Epidemiological Profile 2012. Center for HIV Surveillance, Epidemiology and Evaluation, Maryland Department of Health and Mental Hygiene, Baltimore, MD. 2015.

*These persons are no longer with the Center for HIV Surveillance, Epidemiology and Evaluation at the time of publication of this report.

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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 directors are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland 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/sitepages/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 410-767-5061.

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 14% 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. 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.

It is important to note that HIV surveillance is the ongoing systematic collection, analysis, interpretation, and dissemination of HIV disease 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.

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 cases. 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 2012 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2012-12/31/2012, as reported by name through 12/31/2013.

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 12/31/2012 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2012 as reported by name through 12/31/2013.

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 at least 2-3 times 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, 2013.

Population data by sex, age, and race are from the July 1, 2012 U.S. Census Estimates and by country-of-birth from the 2012 American Community Survey (note the differences in total population due to different sources). 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).

On-line Mapping Tool

Please visit the Maryland Department of Health and Mental Hygiene's website at http://phpa.dhmh.maryland.gov/oideor/chse to create your own maps of adult/adolescent HIV rates by jurisdiction of residence, subset them by sex at birth and race/ethnicity, zoom in to the jurisdiction level, plot the locations of HIV testing sites, and print out your custom map.

HIV Exposure Categories

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

MSM (Men who have Sex with Men): Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

Injection Drug Use (IDU): Men or women who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

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

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

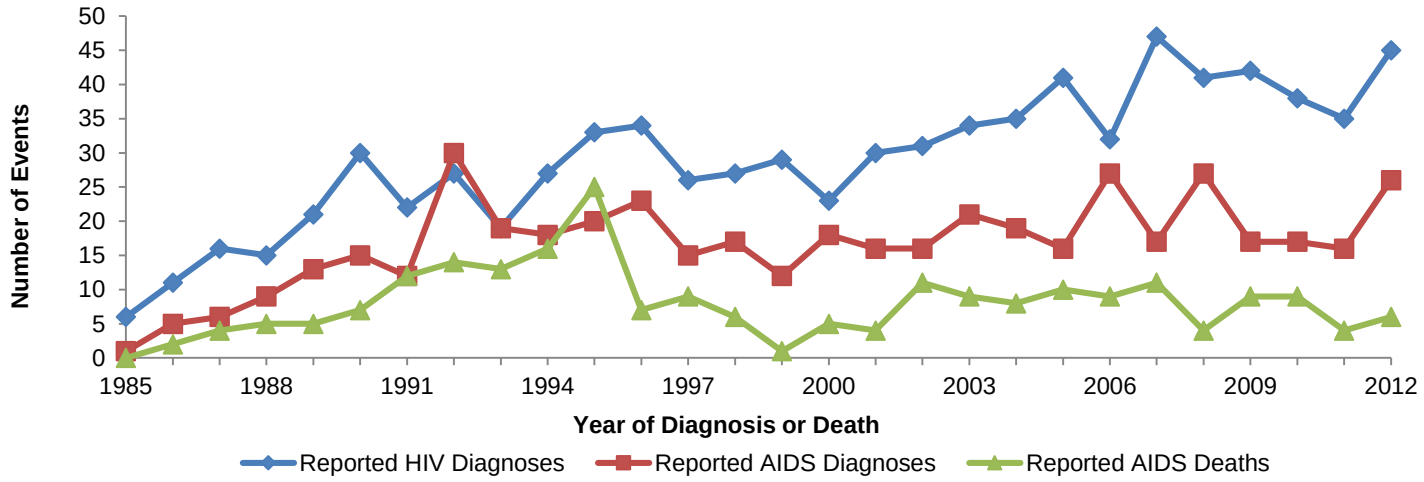
Perinatal Exposure: Any baby born to an HIV positive mother.

Section II – Trends 1985-2012

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2012, Reported through 12/31/2013

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 2012 as Reported through 12/31/2013

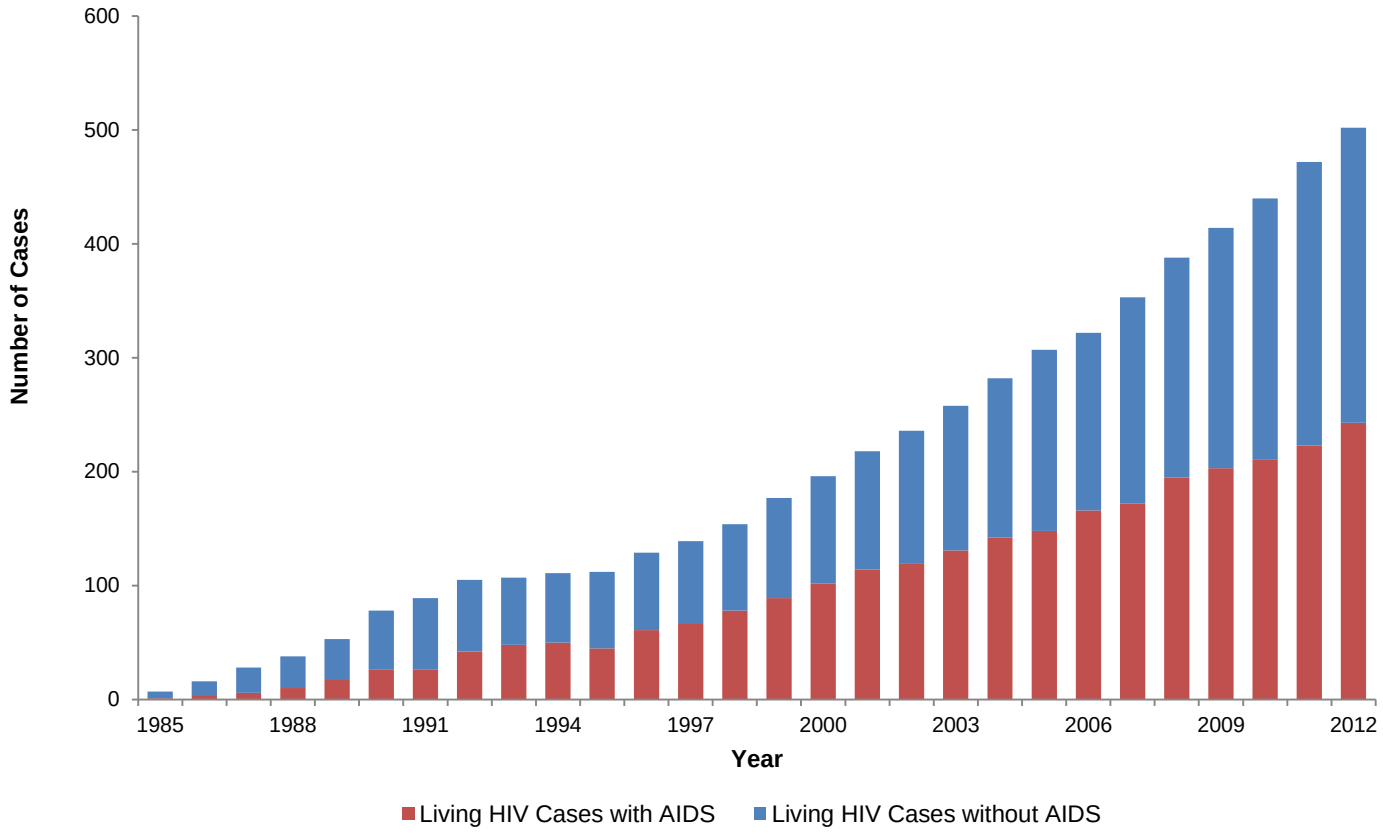
During the 2007-2008 transition to name-based reporting, many HIV cases were reported by a recent HIV diagnosis and not by their earliest HIV diagnosis, resulting in an artificial upward trend in HIV diagnoses during the period 2001-2008



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	2	1	1	**1999**	29	12	1
1985	6	1	0	**2000**	23	18	5
1986	11	5	2	**2001**	30	16	4
1987	16	6	4	**2002**	31	16	11
1988	15	9	5	**2003**	34	21	9
1989	21	13	5	**2004**	35	19	8
1990	30	15	7	**2005**	41	16	10
1991	22	12	12	**2006**	32	27	9
1992	27	30	14	**2007**	47	17	11
1993	19	19	13	**2008**	41	27	4
1994	27	18	16	**2009**	42	17	9
1995	33	20	25	**2010**	38	17	9
1996	34	23	7	**2011**	35	16	4
1997	26	15	9	**2012**	45	26	6
1998	27	17	6	**TOTAL**	819	469	226

Figure 2 – Trends in Living HIV Cases, 1985-2012, Reported through 12/31/2013

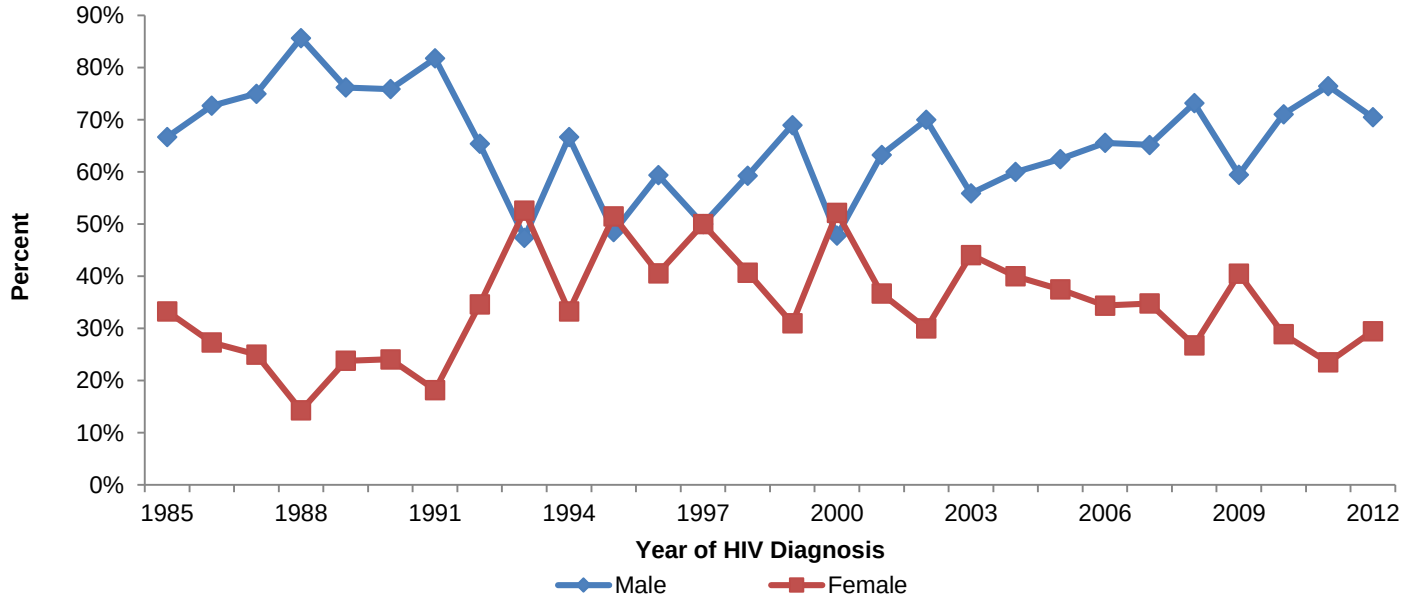
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2012, as Reported through 12/31/2013



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	6	1	7	**1999**	88	89	177
1986	12	4	16	**2000**	94	102	196
1987	22	6	28	**2001**	104	114	218
1988	28	10	38	**2002**	117	119	236
1989	35	18	53	**2003**	127	131	258
1990	52	26	78	**2004**	140	142	282
1991	63	26	89	**2005**	159	148	307
1992	63	42	105	**2006**	156	166	322
1993	59	48	107	**2007**	181	172	353
1994	61	50	111	**2008**	193	195	388
1995	67	45	112	**2009**	211	203	414
1996	68	61	129	**2010**	229	211	440
1997	72	67	139	**2011**	249	223	472
1998	76	78	154	**2012**	259	243	502

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2012, Reported through 12/31/2013

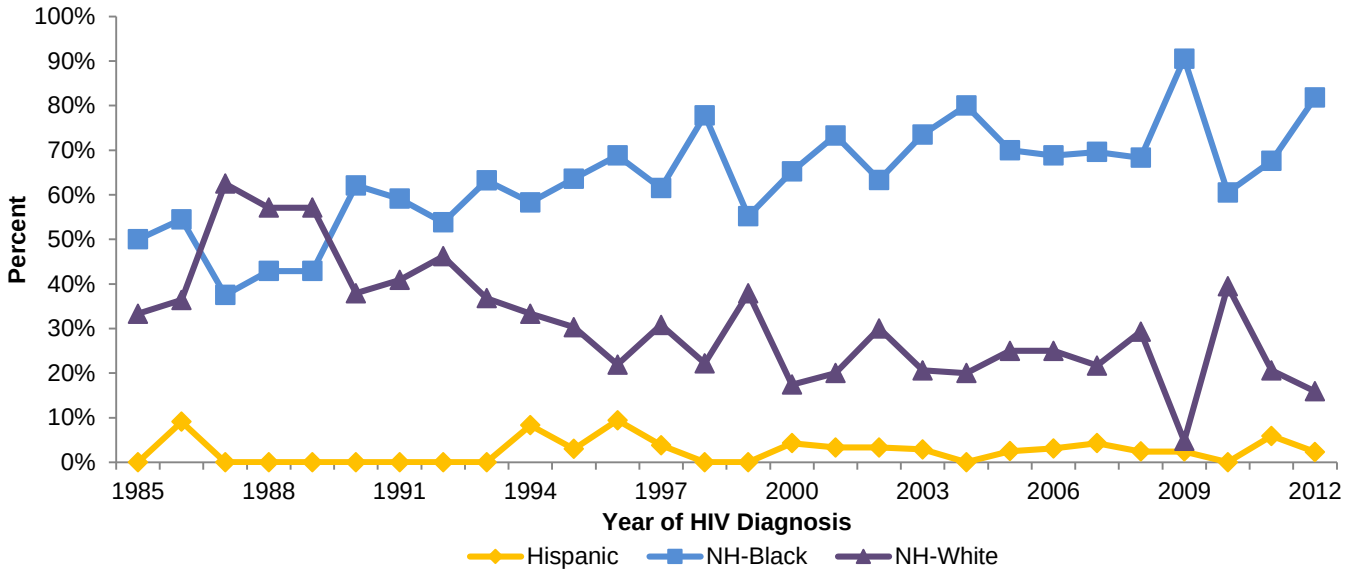
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



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	2	100.0%	0.0%	**1999**	29	69.0%	31.0%
1985	6	66.7%	33.3%	**2000**	23	47.8%	52.2%
1986	11	72.7%	27.3%	**2001**	30	63.3%	36.7%
1987	16	75.0%	25.0%	**2002**	30	70.0%	30.0%
1988	14	85.7%	14.3%	**2003**	34	55.9%	44.1%
1989	21	76.2%	23.8%	**2004**	35	60.0%	40.0%
1990	29	75.9%	24.1%	**2005**	40	62.5%	37.5%
1991	22	81.8%	18.2%	**2006**	32	65.6%	34.4%
1992	26	65.4%	34.6%	**2007**	46	65.2%	34.8%
1993	19	47.4%	52.6%	**2008**	41	73.2%	26.8%
1994	24	66.7%	33.3%	**2009**	42	59.5%	40.5%
1995	33	48.5%	51.5%	**2010**	38	71.1%	28.9%
1996	32	59.4%	40.6%	**2011**	34	76.5%	23.5%
1997	26	50.0%	50.0%	**2012**	44	70.5%	29.5%
1998	27	59.3%	40.7%	**TOTAL**	806	65.3%	34.7%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2012, Reported through 12/31/2013

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 2012, as Reported through 12/31/2013

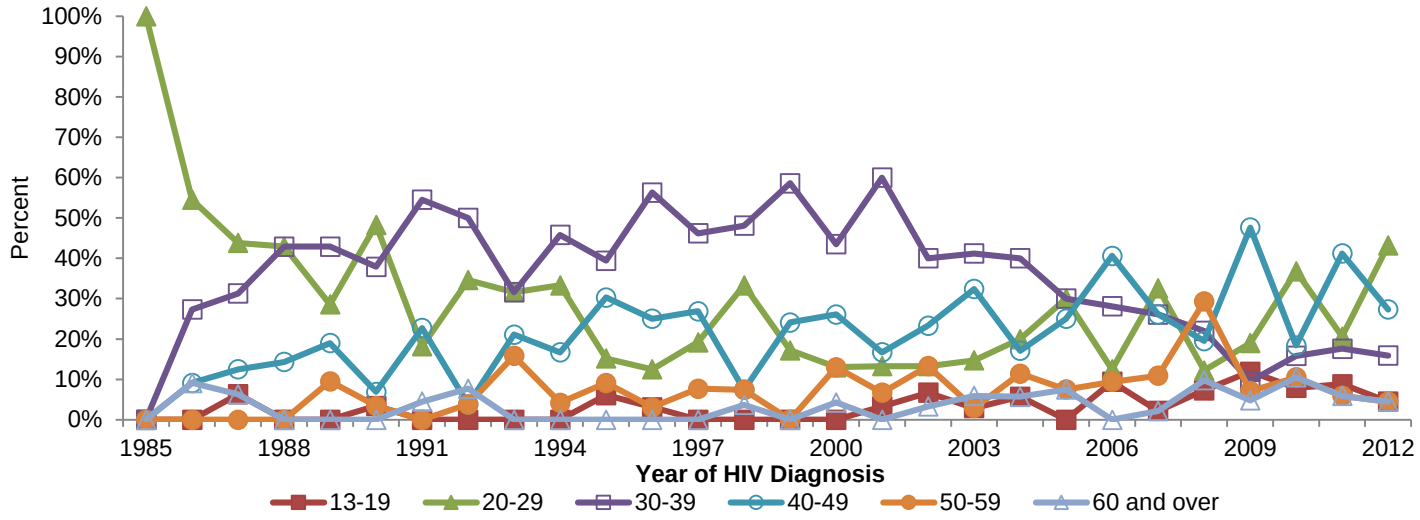


Non-Hispanic Other race not shown

YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	2	0.0%	50.0%	50.0%	0.0%
1985	6	0.0%	50.0%	33.3%	16.7%
1986	11	9.1%	54.5%	36.4%	0.0%
1987	16	0.0%	37.5%	62.5%	0.0%
1988	14	0.0%	42.9%	57.1%	0.0%
1989	21	0.0%	42.9%	57.1%	0.0%
1990	29	0.0%	62.1%	37.9%	0.0%
1991	22	0.0%	59.1%	40.9%	0.0%
1992	26	0.0%	53.8%	46.2%	0.0%
1993	19	0.0%	63.2%	36.8%	0.0%
1994	24	8.3%	58.3%	33.3%	0.0%
1995	33	3.0%	63.6%	30.3%	3.0%
1996	32	9.4%	68.8%	21.9%	0.0%
1997	26	3.8%	61.5%	30.8%	3.8%
1998	27	0.0%	77.8%	22.2%	0.0%
1999	29	0.0%	55.2%	37.9%	6.9%
2000	23	4.3%	65.2%	17.4%	13.0%
2001	30	3.3%	73.3%	20.0%	3.3%
2002	30	3.3%	63.3%	30.0%	3.3%
2003	34	2.9%	73.5%	20.6%	2.9%
2004	35	0.0%	80.0%	20.0%	0.0%
2005	40	2.5%	70.0%	25.0%	2.5%
2006	32	3.1%	68.8%	25.0%	3.1%
2007	46	4.3%	69.6%	21.7%	4.3%
2008	41	2.4%	68.3%	29.3%	0.0%
2009	42	2.4%	90.5%	4.8%	2.4%
2010	38	0.0%	60.5%	39.5%	0.0%
2011	34	5.9%	67.6%	20.6%	5.9%
2012	44	2.3%	81.8%	15.9%	0.0%
TOTAL	806	2.6%	66.6%	28.5%	2.2%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2012, Reported through 12/31/2013

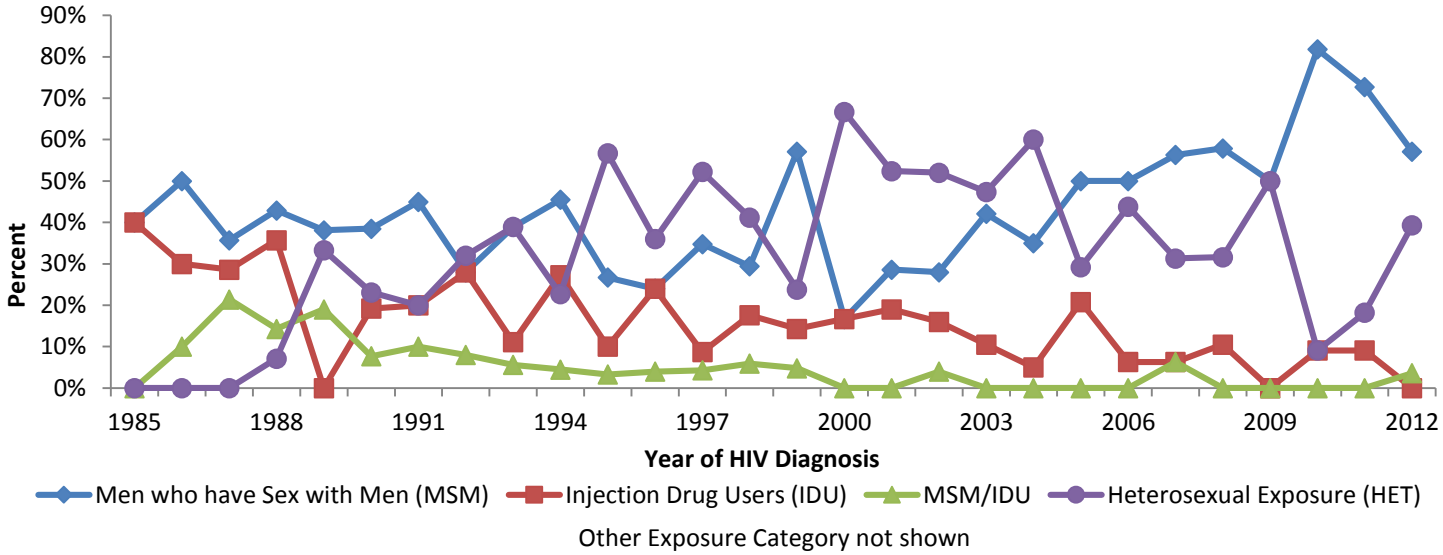
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	2	50.0%	0.0%	0.0%	50.0%	0.0%	0.0%
1985	6	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%
1986	11	0.0%	54.5%	27.3%	9.1%	0.0%	9.1%
1987	16	6.3%	43.8%	31.3%	12.5%	0.0%	6.3%
1988	14	0.0%	42.9%	42.9%	14.3%	0.0%	0.0%
1989	21	0.0%	28.6%	42.9%	19.0%	9.5%	0.0%
1990	29	3.4%	48.3%	37.9%	6.9%	3.4%	0.0%
1991	22	0.0%	18.2%	54.5%	22.7%	0.0%	4.5%
1992	26	0.0%	34.6%	50.0%	3.8%	3.8%	7.7%
1993	19	0.0%	31.6%	31.6%	21.1%	15.8%	0.0%
1994	24	0.0%	33.3%	45.8%	16.7%	4.2%	0.0%
1995	33	6.1%	15.2%	39.4%	30.3%	9.1%	0.0%
1996	32	3.1%	12.5%	56.3%	25.0%	3.1%	0.0%
1997	26	0.0%	19.2%	46.2%	26.9%	7.7%	0.0%
1998	27	0.0%	33.3%	48.1%	7.4%	7.4%	3.7%
1999	29	0.0%	17.2%	58.6%	24.1%	0.0%	0.0%
2000	23	0.0%	13.0%	43.5%	26.1%	13.0%	4.3%
2001	30	3.3%	13.3%	60.0%	16.7%	6.7%	0.0%
2002	30	6.7%	13.3%	40.0%	23.3%	13.3%	3.3%
2003	34	2.9%	14.7%	41.2%	32.4%	2.9%	5.9%
2004	35	5.7%	20.0%	40.0%	17.1%	11.4%	5.7%
2005	40	0.0%	30.0%	30.0%	25.0%	7.5%	7.5%
2006	32	9.4%	12.5%	28.1%	40.6%	9.4%	0.0%
2007	46	2.2%	32.6%	26.1%	26.1%	10.9%	2.2%
2008	41	7.3%	12.2%	22.0%	19.5%	29.3%	9.8%
2009	42	11.9%	19.0%	9.5%	47.6%	7.1%	4.8%
2010	38	7.9%	36.8%	15.8%	18.4%	10.5%	10.5%
2011	34	8.8%	20.6%	17.6%	41.2%	5.9%	5.9%
2012	44	4.5%	43.2%	15.9%	27.3%	4.5%	4.5%
TOTAL	806	4.0%	25.7%	35.0%	23.7%	7.9%	3.7%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2012, Reported through 12/31/2013

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 2012, as Reported through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					
		No.	% MSM	% IDU	% MSM/IDU	% HET	% Other Exposure
<1985	2	2	100.0%	0.0%	0.0%	0.0%	0.0%
1985	6	5	40.0%	40.0%	0.0%	0.0%	20.0%
1986	11	10	50.0%	30.0%	10.0%	0.0%	10.0%
1987	16	14	35.7%	28.6%	21.4%	0.0%	14.3%
1988	14	14	42.9%	35.7%	14.3%	7.1%	0.0%
1989	21	21	38.1%	0.0%	19.0%	33.3%	9.5%
1990	29	26	38.5%	19.2%	7.7%	23.1%	11.5%
1991	22	20	45.0%	20.0%	10.0%	20.0%	5.0%
1992	26	25	28.0%	28.0%	8.0%	32.0%	4.0%
1993	19	18	38.9%	11.1%	5.6%	38.9%	5.6%
1994	24	22	45.5%	27.3%	4.5%	22.7%	0.0%
1995	33	30	26.7%	10.0%	3.3%	56.7%	3.3%
1996	32	25	24.0%	24.0%	4.0%	36.0%	12.0%
1997	26	23	34.8%	8.7%	4.3%	52.2%	0.0%
1998	27	17	29.4%	17.6%	5.9%	41.2%	5.9%
1999	29	21	57.1%	14.3%	4.8%	23.8%	0.0%
2000	23	18	16.7%	16.7%	0.0%	66.7%	0.0%
2001	30	21	28.6%	19.0%	0.0%	52.4%	0.0%
2002	30	25	28.0%	16.0%	4.0%	52.0%	0.0%
2003	34	19	42.1%	10.5%	0.0%	47.4%	0.0%
2004	35	20	35.0%	5.0%	0.0%	60.0%	0.0%
2005	40	24	50.0%	20.8%	0.0%	29.2%	0.0%
2006	32	16	50.0%	6.3%	0.0%	43.8%	0.0%
2007	46	16	56.3%	6.3%	6.3%	31.3%	0.0%
2008	41	19	57.9%	10.5%	0.0%	31.6%	0.0%
2009	42	12	50.0%	0.0%	0.0%	50.0%	0.0%
2010	38	11	81.8%	9.1%	0.0%	9.1%	0.0%
2011	34	11	72.7%	9.1%	0.0%	18.2%	0.0%
2012	44	28	57.1%	0.0%	3.6%	39.3%	0.0%
TOTAL	806	533	41.3%	15.0%	4.9%	35.6%	3.2%

Section III – Adult/Adolescent Cases by Jurisdiction

Table 1 – Adult/Adolescent HIV Diagnoses during 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Jurisdiction, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT HIV DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses									
		No. with HIV Diagnosis	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late HIV Diagnosis	% Late HIV Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
Calvert	74,654	7	0.3%	9.4	6	85.7%	***	***	7	100.0%	568
Charles	124,626	26	3.1%	20.9	14	53.8%	7	26.9%	20	76.9%	362
Saint Mary's	89,056	11	32.0%	12.4	7	63.6%	***	***	8	72.7%	339
TOTAL	288,335	44	10.8%	15.3	27	61.4%	12	27.3%	35	79.5%	360

*** 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 7/1/2012.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.
Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.
Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.
Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.
Percent Late HIV Diagnosis (for HIV diagnoses): Number and percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 2 – Adult/Adolescent AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction, Reported through 12/31/2013

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
Calvert	74,654	5	19.2%	6.7	0.7	80.0%
Charles	124,626	15	57.7%	12.0	1.6	53.3%
Saint Mary's	89,056	6	23.1%	6.7	2.3	50.0%
TOTAL	288,335	26	100.0%	9.0	1.6	57.7%

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 7/1/2012.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.
Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 3 – Adult/Adolescent HIV Cases Alive on 12/31/2012, by Jurisdiction, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT HIV 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)
Calvert	74,654	49	19.3%	65.6	42	17.4%	56.3	91	18.4%	121.9	820
Charles	124,626	156	61.4%	125.2	139	57.7%	111.5	295	59.6%	236.7	422
Saint Mary's	89,056	49	19.3%	55.0	60	24.9%	67.4	109	22.0%	122.4	817
TOTAL	288,335	254	100.0%	88.1	241	100.0%	83.6	495	100.0%	171.7	582

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 7/1/2012.
Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 4 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT HIV 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+
Calvert	91	61	67.0%	556	13.1%	13.1%	11.5%	62.3%
Charles	295	176	59.7%	501	14.8%	10.8%	24.4%	50.0%
Saint Mary's	109	68	62.4%	487	13.2%	17.6%	20.6%	48.5%
TOTAL	495	305	61.6%	524	14.1%	12.8%	21.0%	52.1%

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.
Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.
Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.
CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

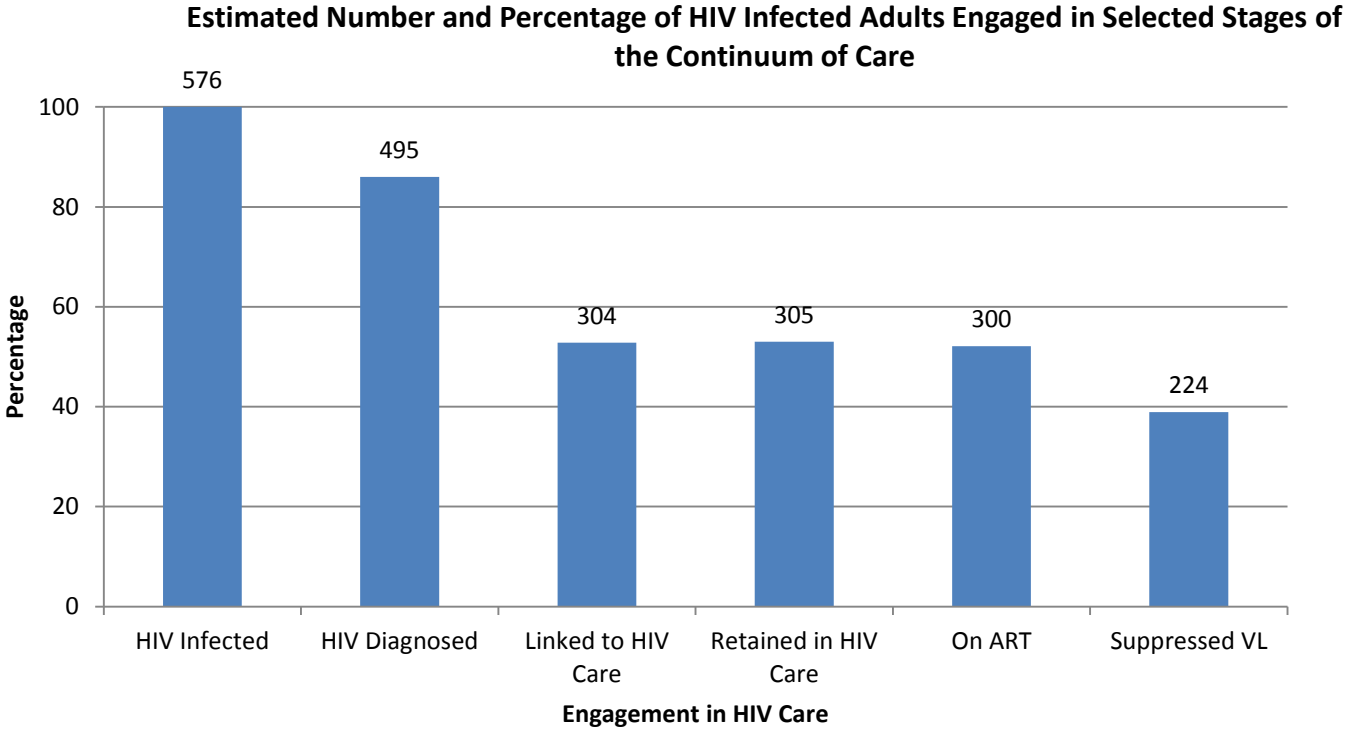
Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, by Jurisdiction, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT HIV DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Calvert	91	58	63.7%	79.3%	4,342
Charles	295	176	59.7%	72.7%	11,084
Saint Mary's	109	66	60.6%	75.8%	17,705
TOTAL	495	300	60.6%	74.7%	12,468

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

Figure 7 – Estimated Adult/Adolescent 2012 HIV Continuum of Care, Reported through 12/31/2013

In their 2011 article in Clinical Infectious Diseases, Gardner et al. 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 Maryland Engagement in HIV Care Cascade (below) uses the national estimate of the number of undiagnosed persons (14%) to generate an estimated total number of HIV infected persons in Maryland, and then uses local data to describe the number and percentage of persons living with HIV in Maryland who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Number	Percentage
HIV Infected	576	100.0%
HIV Diagnosed	495	86.0%
Linked to HIV Care	304	52.8%
Retained in HIV Care	305	53.0%
On ART	300	52.1%
Suppressed VL	224	38.9%

HIV Infected: HIV Diagnosed divided by one minus the national estimate of undiagnosed HIV infections (14%).
HIV Diagnosed: Adult/adolescent total living HIV cases as of December 31st of the specified year.
Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.
Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year
On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during 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.

Section IV – Cases by Age

Table 6 – HIV Diagnoses during 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2013

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)	205,165	1	2.2%	0.5	***	***	***	***	***	***	***
5-12 (Pediatric)	342,520	0	0.0%	0.0	--	--	--	--	--	--	--
13-19	314,594	2	4.4%	0.6	***	***	***	***	***	***	***
20-29	464,861	19	42.2%	4.1	12	63.2%	***	***	16	84.2%	391
30-39	425,151	7	15.6%	1.6	***	***	***	***	5	71.4%	485
40-49	490,670	12	26.7%	2.4	7	58.3%	5	41.7%	9	75.0%	183
50-59	490,628	2	4.4%	0.4	***	***	***	***	***	***	***
60+	619,602	2	4.4%	0.3	***	***	***	***	***	***	***
TOTAL	3,353,191	45	100.0%	1.3	28	62.2%	12	26.7%	36	80.0%	379

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

Table 7 – AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2013

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	205,165	0	0.0%	--	--	--
5-12 (Pediatric)	342,520	0	0.0%	--	--	--
13-19	314,594	1	3.8%	0.3	***	***
20-29	464,861	3	11.5%	0.6	***	***
30-39	425,151	7	26.9%	1.6	2.5	42.9%
40-49	490,670	10	38.5%	2.0	1.2	60.0%
50-59	490,628	3	11.5%	0.6	***	***
60+	619,602	2	7.7%	0.3	***	***
TOTAL	3,353,191	26	100.0%	0.8	1.6	57.7%

*** 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 7/1/2012.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.
Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.
Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.
Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.
Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.
Percent Late HIV Diagnosis (for HIV diagnoses): percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.
Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.
Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.
Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Table 8 – HIV Cases Alive on 12/31/2012, by Age on 12/31/2012, Reported through 12/31/2013

AGE ON 12/31/2012	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	205,165	2	0.8%	1.0	--	--	--	2	0.4%	1.0	102,582
5-12	342,520	1	0.4%	0.3	1	0.4%	0.3	2	0.4%	0.6	171,259
13-19	314,594	6	2.3%	1.9	3	1.2%	1.0	9	1.8%	2.9	34,954
20-29	464,861	58	22.4%	12.5	14	5.8%	3.0	72	14.3%	15.5	6,456
30-39	425,151	51	19.7%	12.0	28	11.5%	6.6	79	15.7%	18.6	5,381
40-49	490,670	82	31.7%	16.7	102	42.0%	20.8	184	36.7%	37.5	2,666
50-59	490,628	35	13.5%	7.1	71	29.2%	14.5	106	21.1%	21.6	4,628
60+	619,602	24	9.3%	3.9	24	9.9%	3.9	48	9.6%	7.7	12,908
TOTAL	3,353,191	259	100.0%	7.7	243	100.0%	7.2	502	100.0%	15.0	6,679

Age on [date]: Age group of living cases on the specified date.
Population: Population estimate for 7/1/2012.
Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 9 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, by Age on 12/31/2012, Reported through 12/31/2013

AGE ON 12/31/2012	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	8	***	***	***	***	***	***	***
20-29	70	47	67.1%	506	4.3%	10.6%	34.0%	51.1%
30-39	79	43	54.4%	415	20.9%	14.0%	27.9%	37.2%
40-49	184	113	61.4%	546	13.3%	15.0%	16.8%	54.9%
50-59	106	66	62.3%	520	21.2%	9.1%	18.2%	51.5%
60+	48	***	***	***	***	***	***	***
TOTAL	495	305	61.6%	524	14.1%	12.8%	21.0%	52.1%

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

Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, by Age on 12/31/2012, Reported through 12/31/2013

AGE ON 12/31/2012	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
13-19	8	***	***	***	***
20-29	70	49	70.0%	63.3%	23,224
30-39	79	43	54.4%	65.1%	23,970
40-49	184	109	59.2%	78.0%	15,819
50-59	106	66	62.3%	74.2%	2,874
60+	48	***	***	***	***
TOTAL	495	300	60.6%	74.7%	12,468

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

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

Section V – Adult/Adolescent Cases by Demographics

Table 11 – Adult/Adolescent HIV Diagnoses during 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2013

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of % Late Diagnosis	% Late Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
Male	140,168	31	70.5%	22.1	21	67.7%	10	32.3%	25	80.6%	326
Female	148,167	13	29.5%	8.8	6	46.2%	2	15.4%	10	76.9%	461
TOTAL	288,335	44	100.0%	15.3	27	61.4%	12	27.3%	35	79.5%	360

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of % Late Diagnosis	% Late Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
Hispanic	10,693	1	2.3%	9.4	1	100.0%	0	0.0%	1	100.0%	422
Non-Hispanic	277,643	43	97.7%	15.5	26	60.5%	12	27.9%	34	79.1%	343
American Indian/Alaska Native, only	1,319	0	0.0%	0.0	--	--	--	--	--	--	--
Asian, only	7,392	0	0.0%	0.0	--	--	--	--	--	--	--
Black, only	72,810	36	81.8%	49.4	22	61.1%	10	27.8%	27	75.0%	398
Native Hawaiian/Other Pacific Islander, only	214	0	0.0%	0.0	--	--	--	--	--	--	--
White only	190,041	7	15.9%	3.7	***	***	***	***	7	100.0%	302
Multiracial/Other	5,866	0	0.0%	0.0	--	--	--	--	--	--	--
TOTAL	288,335	44	100.0%	15.3	27	61.4%	12	27.3%	35	79.5%	360

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of % Late Diagnosis	% Late Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
United States	261,397	42	95.5%	16.1	27	64.3%	12	28.6%	34	81.0%	343
Foreign-born	15,362	1	2.3%	6.5	0	0.0%	0	0.0%	1	100.0%	568
Africa	--	1	100.0%	--	***	***	***	***	***	***	***
Asia	--	0	0.0%	--	--	--	--	--	--	--	--
Caribbean	--	0	0.0%	--	--	--	--	--	--	--	--
Central America	--	0	0.0%	--	--	--	--	--	--	--	--
Other	--	0	0.0%	--	--	--	--	--	--	--	--
Unknown	--	1	2.3%	--	0	0.0%	0	0.0%	0	0.0%	--
TOTAL	276,759	44	100.0%	15.9	27	61.4%	12	27.3%	35	79.5%	360

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates
** Population data by country of birth are from the 2012 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 to13 years old, estimate for 7/1/2012.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.
Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

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

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

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

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

Table 12 – Adult/Adolescent AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2013

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	140,168	20	76.9%	14.3	1.5	65.0%
Female	148,167	6	23.1%	4.0	2.1	33.3%
TOTAL	288,335	26	100.0%	9.0	1.6	57.7%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	10,693	1	3.8%	9.4	0.0	100.0%
Non-Hispanic	277,643	25	96.2%	9.0	1.7	56.0%
American Indian/Alaska Native, only	1,319	0	0.0%	--	--	--
Asian, only	7,392	0	0.0%	--	--	--
Black, only	72,810	18	72.0%	24.7	1.9	55.6%
Native Hawaiian/Other Pacific Islander, only	214	0	0.0%	--	--	--
White only	190,041	5	20.0%	2.6	1.1	60.0%
Multiracial/Other	5,866	2	8.0%	34.1	***	***
TOTAL	288,335	26	100.0%	9.0	1.6	57.7%

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
United States	261,397	25	96.2%	9.6	1.6	96.2%
Foreign-born	15,362	0	0.0%	--	--	--
Africa	--	0	0.0%	--	--	--
Asia	--	0	0.0%	--	--	--
Caribbean	--	0	0.0%	--	--	--
Central America	--	0	0.0%	--	--	--
Other	--	0	0.0%	--	--	--
Unknown	--	1	3.8%	--	***	***
TOTAL	276,759	26	100.0%	9.4	1.6	100.0%

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates
** Population data by country of birth are from the 2012 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 to13 years old, estimate for 7/1/2012.
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 12/31/2012 and Reported through 12/31/2013

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	140,168	153	60.2%	109.2	156	64.7%	111.3	309	62.4%	220.4	453
Female	148,167	101	39.8%	68.2	85	35.3%	57.4	186	37.6%	125.5	796
TOTAL	288,335	254	100.0%	88.1	241	100.0%	83.6	495	100.0%	171.7	582

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	10,693	10	3.9%	93.5	11	4.6%	102.9	21	4.2%	196.4	509
Non-Hispanic	277,643	244	96.1%	87.9	230	95.4%	82.8	474	95.8%	170.7	585
American Indian/Alaska Native, only	1,319	--	--	--	--	--	--	--	--	--	--
Asian, only	7,392	1	0.4%	13.5	1	0.4%	13.5	2	0.4%	27.1	3,696
Black, only	72,810	180	73.8%	247.2	161	70.0%	221.1	341	71.9%	468.3	213
Native Hawaiian/Other Pacific Islander, only	214	--	--	--	--	--	--	--	--	--	--
White only	190,041	62	25.4%	32.6	57	24.8%	30.0	119	25.1%	62.6	1,596
Multiracial/ Other	5,866	1	0.4%	17.0	11	4.8%	187.5	12	2.5%	204.6	488
TOTAL	288,335	254	100.0%	88.1	241	100.0%	83.6	495	100.0%	171.7	582

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	261,397	228	89.8%	87.2	228	94.6%	87.2	456	92.1%	174.4	573
Foreign-born	15,362	10	3.9%	65.1	10	4.1%	65.1	20	4.0%	130.2	768
Africa	--	2	20.0%	--	4	40.0%	--	6	30.0%	--	--
Asia	--	1	10.0%	--	0	0.0%	--	1	5.0%	--	--
Caribbean	--	0	0.0%	--	0	0.0%	--	0	0.0%	--	--
Central America	--	3	30.0%	--	5	50.0%	--	8	40.0%	--	--
Other	--	4	40.0%	--	1	10.0%	--	5	25.0%	--	--
Unknown	--	16	6.3%	--	3	1.2%	--	19	3.8%	--	--
TOTAL	276,759	254	100.0%	91.8	241	100.0%	87.1	495	100.0%	178.9	559

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates
** Population data by country of birth are from the 2012 American Community Survey

Population Age 13+: Population greater than or equal to13 years old, estimate for 7/1/2012.
Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 14 –Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2012 and Reported through 12/31/2013

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	309	194	62.8%	514	14.9%	11.9%	21.6%	51.5%
Female	186	111	59.7%	536	12.6%	14.4%	19.8%	53.2%
TOTAL	495	305	61.6%	524	14.1%	12.8%	21.0%	52.1%

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	21	9	42.9%	472	11.1%	33.3%	11.1%	44.4%
Non-Hispanic	474	296	62.4%	525	14.2%	12.2%	21.3%	52.4%
American Indian/Alaska Native, only	0	0	0.0%	--	--	--	--	--
Asian, only	2	***	***	***	***	***	***	***
Black, only	341	214	62.8%	527	13.1%	12.6%	20.6%	53.7%
Native Hawaiian/Other Pacific Islander, only	0	0	0.0%	--	--	--	--	--
White only	119	69	58.0%	537	18.8%	8.7%	17.4%	55.1%
Multiracial/Other	12	***	***	***	***	***	***	***
TOTAL	495	305	61.6%	524	14.1%	12.8%	21.0%	52.1%

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	456	288	63.2%	521	14.6%	12.8%	20.5%	52.1%
Foreign-born	20	8	40.0%	503	12.5%	25.0%	12.5%	50.0%
Africa	6	***	***	***	***	***	***	***
Asia	1	0	0.0%	--	--	--	--	--
Caribbean	0	0	0.0%	--	--	--	--	--
Central America	8	***	***	***	***	***	***	***
Other	5	***	***	***	***	***	***	***
Unknown	19	9	47.4%	528	0.0%	0.0%	44.4%	55.6%
TOTAL	495	305	61.6%	524	14.1%	12.8%	21.0%	52.1%

*** 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 12/31/2012 and Reported through 12/31/2013

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	309	189	61.2%	74.1%	7,750
Female	186	111	59.7%	75.7%	18,870
TOTAL	495	300	60.6%	74.7%	12,468

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	21	10	47.6%	70.0%	1,810
Non-Hispanic	474	290	61.2%	74.8%	12,767
American Indian/Alaska Native, only	0	--	--	--	--
Asian, only	2	***	***	***	***
Black, only	341	211	61.9%	72.5%	15,840
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--
White only	119	66	55.5%	77.3%	9,220
Multiracial/Other	12	***	***	***	***
TOTAL	495	300	60.6%	74.7%	12,468

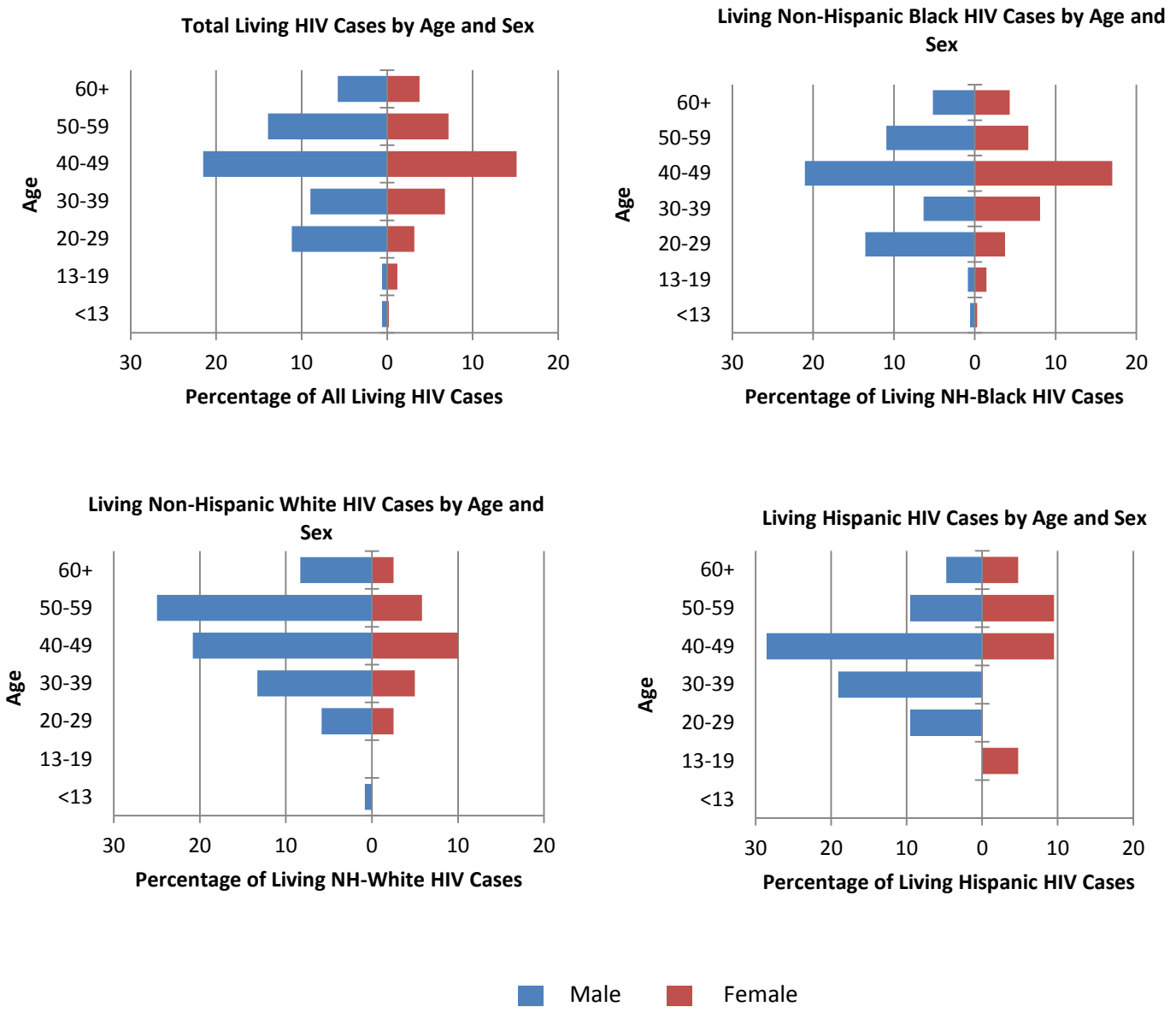
COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
United States	456	283	62.1%	74.2%	12,168
Foreign-born	20	8	40.0%	75.0%	37,941
Africa	6	***	***	***	***
Asia	1	--	--	--	--
Caribbean	0	--	--	--	--
Central America	8	***	***	***	***
Other	5	***	***	***	***
Unknown	19	9	47.4%	88.9%	53,570
TOTAL	495	300	60.6%	74.7%	12,468

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

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

Section VI – HIV Cases by Expanded Demographics

Figure 8 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013



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 12/31/2012 and Reported through 12/31/2013

MALES						
AGE ON 12/31/2012		RACE/ETHNICITY				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	TOTAL MALES BY AGE GROUP
<13 (Pediatric)	**Population**	1,863	8,413	17,703	2,970	30,949
	Cases	0	2	1	0	3
	Rate	0.0	23.8	5.6	0.0	9.7
	Ratio (1 in X)	--	4,206	17,703	--	10,316
13-19	**Population**	904	5,467	10,989	1,381	18,741
	Cases	***	3	0	***	3
	Rate	***	54.9	0.0	***	16.0
	Ratio (1 in X)	***	1,822	--	***	6,246
20-29	**Population**	1,295	5,691	14,252	1,188	22,426
	Cases	2	47	7	0	56
	Rate	154.4	825.9	49.1	0.0	249.7
	Ratio (1 in X)	647	121	2,036	--	400
30-39	**Population**	1,249	4,982	12,556	1,025	19,812
	Cases	4	22	16	3	45
	Rate	320.3	441.6	127.4	292.7	227.1
	Ratio (1 in X)	312	226	784	341	440
40-49	**Population**	908	7,647	17,846	1,119	27,520
	Cases	6	73	25	4	108
	Rate	660.8	954.6	140.1	357.5	392.4
	Ratio (1 in X)	151	104	713	279	254
50-59	**Population**	619	5,563	18,500	931	25,613
	Cases	***	38	30	***	70
	Rate	***	683.1	162.2	***	273.3
	Ratio (1 in X)	***	146	616	***	365
60+	**Population**	360	4,630	20,290	777	26,057
	Cases	***	18	10	***	29
	Rate	***	388.8	49.3	***	111.3
	Ratio (1 in X)	***	257	2,029	***	898
TOTAL MALES BY RACE/ ETHNICITY	**Population**	7,198	42,393	112,136	9,391	171,118
	Cases	15	203	89	7	314
	Rate	208.4	478.9	79.4	74.5	183.5
	Ratio (1 in X)	479	208	1,259	1,341	544

*** 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 7/1/2012.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 17 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013

FEMALES						
AGE ON 12/31/2012		RACE/ETHNICITY				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	TOTAL FEMALES BY AGE GROUP
<13 (Pediatric)	**Population**	1,894	8,248	16,915	2,865	29,922
	Cases	0	1	0	0	1
	Rate	0.0	12.1	0.0	0.0	3.3
	Ratio (1 in X)	--	8,247	--	--	29,922
13-19	**Population**	909	5,338	10,302	1,413	17,962
	Cases	***	5	0	***	6
	Rate	***	93.7	0.0	***	33.4
	Ratio (1 in X)	***	1,067	--	***	2,993
20-29	**Population**	1,197	5,650	13,476	1,335	21,658
	Cases	0	13	3	0	16
	Rate	0.0	230.1	22.3	0.0	73.9
	Ratio (1 in X)	--	434	4,492	--	1,353
30-39	**Population**	1,174	6,354	12,789	1,503	21,820
	Cases	0	28	6	0	34
	Rate	0.0	440.7	46.9	0.0	155.8
	Ratio (1 in X)	--	226	2,131	--	641
40-49	**Population**	958	9,132	18,440	1,662	30,192
	Cases	***	59	12	***	76
	Rate	***	646.1	65.1	***	251.7
	Ratio (1 in X)	***	154	1,536	***	397
50-59	**Population**	655	6,213	18,192	1,316	26,376
	Cases	***	23	7	***	36
	Rate	***	370.2	38.5	***	136.5
	Ratio (1 in X)	***	270	2,598	***	732
60+	**Population**	465	6,143	22,409	1,142	30,159
	Cases	***	15	3	***	19
	Rate	***	244.2	13.4	***	63.0
	Ratio (1 in X)	***	409	7,469	***	1,587
TOTAL FEMALES BY RACE/ ETHNICITY	**Population**	7,252	47,078	112,523	11,236	178,089
	Cases	6	144	31	7	188
	Rate	82.7	305.9	27.5	62.3	105.6
	Ratio (1 in X)	1,208	326	3,629	1,605	947

*** 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 7/1/2012.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Section VII – HIV Exposure Category

Table 18 – Adult/Adolescent HIV Diagnoses during 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. Late HIV Diagnosis	% Late HIV Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	29	100.0%	20	69.0%	9	31.0%	86.2%	422
Men who have Sex with Men (MSM)	16	55.2%	12	75.0%	4	25.0%	87.5%	423
Injection Drug Users (IDU)	0	0.0%	0	0.0%	0	0.0%	0.0%	--
Men who have Sex with Men and Inject Drugs (MSM/IDU)	1	3.4%	1	100.0%	1	100.0%	100.0%	64
Heterosexual Exposure (HET)	11	37.9%	7	63.6%	4	36.4%	90.9%	442
Other Exposure	1	3.4%	0	0.0%	0	0.0%	0.0%	--
No Reported Exposure	15	34.1%	7	46.7%	3	20.0%	66.7%	281
TOTAL	44	100.0%	27	61.4%	12	27.3%	79.5%	360

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	23	100.0%	17	73.9%	8	34.8%	87.0%	391
Men who have Sex with Men (MSM)	16	69.6%	12	75.0%	4	25.0%	87.5%	423
Injection Drug Users (IDU)	0	0.0%	0	0.0%	0	0.0%	0.0%	--
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	5	21.7%	4	80.0%	3	60.0%	100.0%	180
Other Exposure	***	***	***	***	***	***	***	***
No Reported Exposure	8	25.8%	4	50.0%	2	25.0%	62.5%	244
TOTAL	31	100.0%	21	67.7%	10	32.3%	80.6%	326

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. Late HIV Diagnosis	% Late HIV Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	6	100.0%	3	50.0%	1	16.7%	83.3%	524
Injection Drug Users (IDU)	0	0.0%	0	0.0%	0	0.0%	0.0%	--
Heterosexual Exposure (HET)	6	100.0%	3	50.0%	1	16.7%	83.3%	524
Other Exposure	0	0.0%	0	0.0%	0	0.0%	0.0%	--
No Reported Exposure	7	53.8%	3	42.9%	1	14.3%	71.4%	318
TOTAL	13	100.0%	6	46.2%	2	15.4%	76.9%	461

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

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.
First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.
Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.
Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.
Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

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

Table 19 – Adult/Adolescent AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	12	100.0%	0.9	83.3%
Men who have Sex with Men (MSM)	7	58.3%	1.4	71.4%
Injection Drug Users (IDU)	0	0.0%	--	0.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	1	8.3%	0.1	100.0%
Heterosexual Exposure (HET)	4	33.3%	0.1	100.0%
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure	14		2.2	35.7%
TOTAL	26		1.6	57.7%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	11	100.0%	0.9	81.8%
Men who have Sex with Men (MSM)	7	63.6%	1.4	71.4%
Injection Drug Users (IDU)	0	0.0%	--	0.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	1	9.1%	0.1	100.0%
Heterosexual Exposure (HET)	3	27.3%	0.1	100.0%
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure	9		2.1	44.4%
TOTAL	20		1.5	65.0%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	1	100.0%	0.1	100.0%
Injection Drug Users (IDU)	0	0.0%	--	0.0%
Heterosexual Exposure (HET)	1	100.0%	0.1	100.0%
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure	5		2.5	20.0%
TOTAL	6		2.1	33.3%

*** 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 12/31/2012 and Reported through 12/31/2013

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	120	100.0%	170	100.0%	290	100.0%
Men who have Sex with Men (MSM)	66	55.0%	69	40.6%	135	46.6%
Injection Drug Users (IDU)	12	10.0%	24	14.1%	36	12.4%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	3	2.5%	6	3.5%	9	3.1%
Heterosexual Exposure (HET)	38	31.7%	70	41.2%	108	37.2%
Other Exposures	1	0.8%	1	0.6%	2	0.7%
No Reported Exposure	134		71		205	
TOTAL	254		241		495	

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	88	100.0%	112	100.0%	200	100.0%
Men who have Sex with Men (MSM)	66	75.0%	69	61.6%	135	67.5%
Injection Drug Users (IDU)	7	8.0%	12	10.7%	19	9.5%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	3	3.4%	6	5.4%	9	4.5%
Heterosexual Exposure (HET)	11	12.5%	25	22.3%	36	18.0%
Other Exposures	1	1.1%	0	0.0%	1	0.5%
No Reported Exposure	65		44		109	
TOTAL	153		156		309	

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	32	100.0%	58	100.0%	90	100.0%
Injection Drug Users (IDU)	5	15.6%	12	20.7%	17	18.9%
Heterosexual Exposure (HET)	27	84.4%	45	77.6%	72	80.0%
Other Exposures	0	0.0%	1	1.7%	1	1.1%
No Reported Exposure*	69		27		96	
TOTAL	101		85		186	

* Includes 1 HIV cases without AIDS and 1 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 12/31/2012 and Reported through 12/31/2013

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	13	100.0%	186	100.0%	77	100.0%
Men who have Sex with Men (MSM)	6	46.2%	78	41.9%	46	59.7%
Injection Drug Users (IDU)	0	0.0%	26	14.0%	8	10.4%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***
Heterosexual Exposure (HET)	***	***	77	41.4%	19	24.7%
Other Exposures	0	0.0%	***	***	***	***
No Reported Exposure	8		155		42	
TOTAL	21		341		119	

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	10	100.0%	122	100.0%	61	100.0%
Men who have Sex with Men (MSM)	6	60.0%	78	63.9%	46	75.4%
Injection Drug Users (IDU)	0	0.0%	14	11.5%	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***
Heterosexual Exposure (HET)	***	***	26	21.3%	6	9.8%
Other Exposures	0	0.0%	***	***	***	***
No Reported Exposure	5		77		27	
TOTAL	15		199		88	

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	***	***	64	100.0%	16	100.0%
Injection Drug Users (IDU)	0	0.0%	12	18.8%	***	***
Heterosexual Exposure (HET)	***	***	51	79.7%	13	81.3%
Other Exposures	0	0.0%	1	1.6%	***	***
No Reported Exposure*	3		78		15	
TOTAL	6		142		31	

* Includes 1 Hispanic cases and 1 non-Hispanic black cases 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 12/31/2012 and Reported through 12/31/2013

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	290	186	64.1%	517	12.4%	12.9%	22.6%	52.2%
Men who have Sex with Men (MSM)	135	92	68.1%	529	8.7%	12.0%	22.8%	56.5%
Injection Drug Users (IDU)	36	16	44.4%	477	18.8%	18.8%	18.8%	43.8%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	9	7	77.8%	582	14.3%	0.0%	28.6%	57.1%
Heterosexual Exposure (HET)	108	71	65.7%	480	15.5%	14.1%	22.5%	47.9%
Other Exposures	2	0	0.0%	--	--	--	--	--
No Reported Exposure*	205	119	58.0%	530	16.8%	12.6%	18.5%	52.1%
TOTAL	495	305	61.6%	524	14.1%	12.8%	21.0%	52.1%

* Includes 2 cases with Presumed Female Heterosexual exposure

Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2012 and Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Results			
		No. with Test	% with Test	% Suppressed	Median Count
With Exposure	290	184	63.4%	74.5%	16,540
Men who have Sex with Men (MSM)	135	88	65.2%	78.4%	17,160
Injection Drug Users (IDU)	36	15	41.7%	80.0%	100,000
Men who have Sex with Men and Inject Drugs (MSM/IDU)	9	6	66.7%	66.7%	81,195
Heterosexual Exposure (HET)	108	75	69.4%	69.3%	6,520
Other Exposures	2	0	0.0%	--	--
No Reported Exposure*	205	116	56.6%	75.0%	7,750
TOTAL	495	300	60.6%	74.7%	12,468

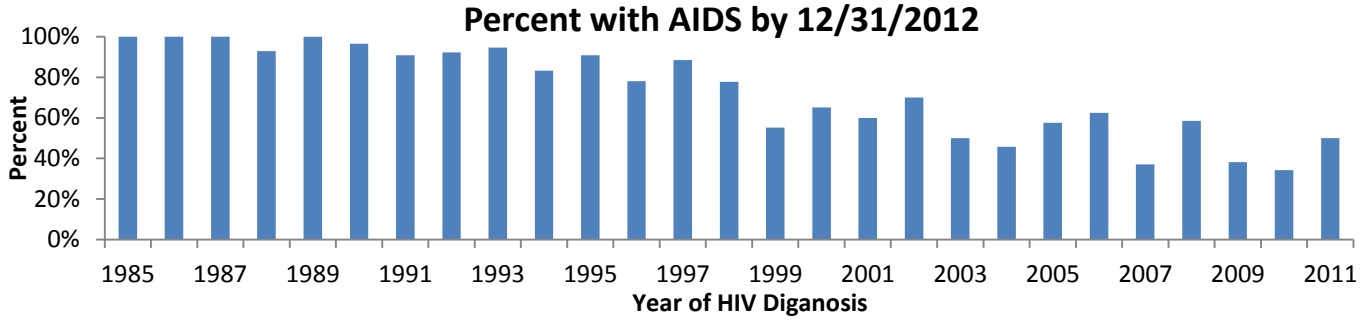
* Includes 2 cases with Presumed Female Heterosexual exposure

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

Section VIII – Disease Progression and Mortality

Figure 9 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2011, Reported through 12/31/2013

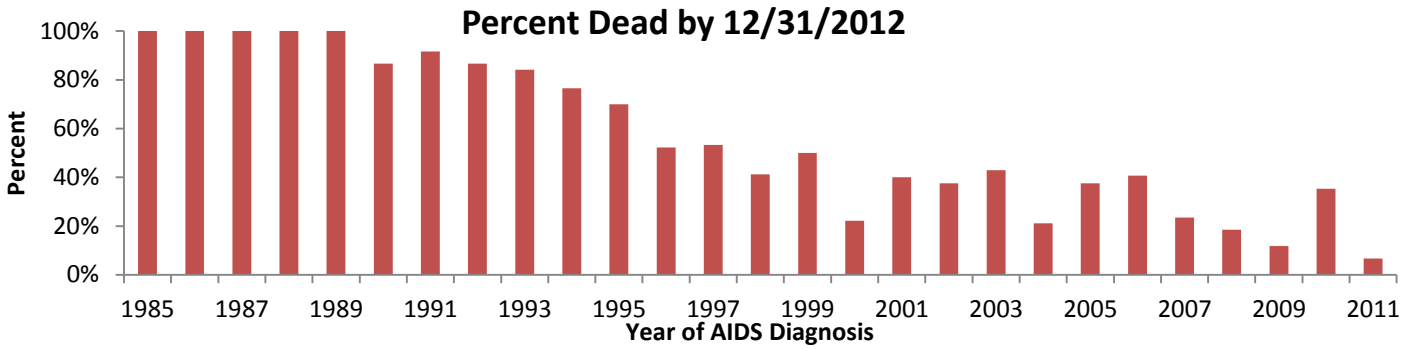
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/11 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2012 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2012, 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 2011, as Reported by Name through 12/31/2013



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	2	2	100.0%	10.0	50.0%	50.0%	50.0%	50.0%
1985	6	6	100.0%	9.8	16.7%	16.7%	33.3%	66.7%
1986	11	11	100.0%	5.4	45.5%	45.5%	54.5%	72.7%
1987	16	16	100.0%	6.0	37.5%	37.5%	56.3%	81.3%
1988	14	13	92.9%	2.7	57.1%	57.1%	71.4%	92.9%
1989	21	21	100.0%	2.2	61.9%	61.9%	85.7%	95.2%
1990	29	28	96.6%	3.2	41.4%	51.7%	72.4%	93.1%
1991	22	20	90.9%	2.4	54.5%	59.1%	72.7%	90.9%
1992	26	24	92.3%	1.5	69.2%	69.2%	88.5%	88.5%
1993	19	18	94.7%	1.4	78.9%	84.2%	89.5%	89.5%
1994	24	20	83.3%	2.5	58.3%	66.7%	66.7%	75.0%
1995	33	30	90.9%	3.4	45.5%	48.5%	66.7%	81.8%
1996	32	25	78.1%	1.7	53.1%	62.5%	68.8%	75.0%
1997	26	23	88.5%	2.2	65.4%	65.4%	69.2%	80.8%
1998	27	21	77.8%	2.0	59.3%	63.0%	63.0%	74.1%
1999	29	16	55.2%	1.8	37.9%	41.4%	48.3%	51.7%
2000	23	15	65.2%	3.2	26.1%	30.4%	47.8%	65.2%
2001	30	18	60.0%	0.8	50.0%	50.0%	60.0%	60.0%
2002	30	21	70.0%	1.5	50.0%	53.3%	66.7%	70.0%
2003	34	17	50.0%	1.1	41.2%	41.2%	44.1%	--
2004	35	16	45.7%	0.6	40.0%	42.9%	45.7%	--
2005	40	23	57.5%	1.0	47.5%	47.5%	52.5%	--
2006	32	20	62.5%	1.0	50.0%	53.1%	56.3%	--
2007	46	17	37.0%	0.9	28.3%	30.4%	--	--
2008	41	24	58.5%	0.5	51.2%	53.7%	--	--
2009	42	16	38.1%	1.2	23.8%	23.8%	--	--
2010	38	13	34.2%	0.6	26.3%	28.9%	--	--
2011	34	17	50.0%	0.6	41.2%	--	--	--
TOTAL	762	511	67.1%	2.1	45.7%	48.7%	57.5%	64.0%

Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2011, Reported through 12/31/2012

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/11 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2012 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2012, 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 2011, as Reported by Name through 12/31/2013

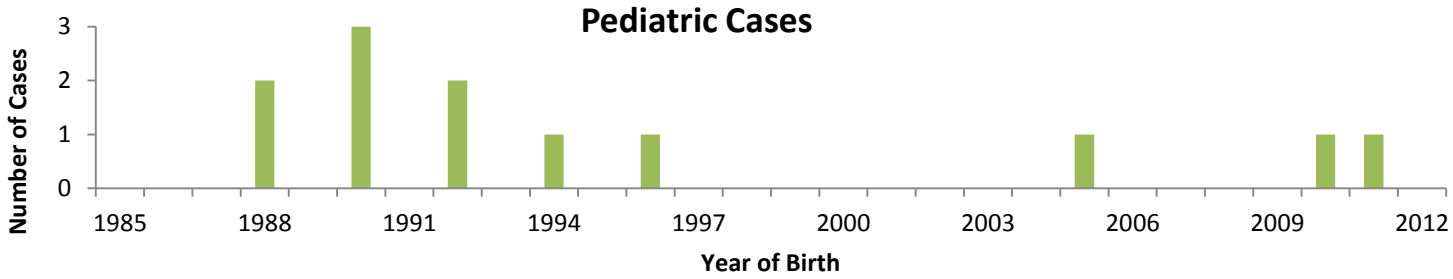


YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	1	1	100.0%	0.0	0.0%	0.0%	0.0%	0.0%
1985	1	1	100.0%	2.9	100.0%	100.0%	0.0%	0.0%
1986	5	5	100.0%	1.1	40.0%	20.0%	0.0%	0.0%
1987	6	6	100.0%	2.5	50.0%	16.7%	16.7%	16.7%
1988	9	9	100.0%	2.9	66.7%	55.6%	22.2%	0.0%
1989	13	13	100.0%	2.0	84.6%	46.2%	0.0%	0.0%
1990	15	13	86.7%	3.1	66.7%	53.3%	33.3%	20.0%
1991	12	11	91.7%	2.4	83.3%	58.3%	16.7%	8.3%
1992	30	26	86.7%	2.5	73.3%	50.0%	20.0%	20.0%
1993	19	16	84.2%	1.9	73.7%	47.4%	21.1%	15.8%
1994	17	13	76.5%	3.2	88.2%	47.1%	41.2%	35.3%
1995	20	14	70.0%	3.4	75.0%	55.0%	50.0%	40.0%
1996	23	12	52.2%	5.7	91.3%	82.6%	73.9%	60.9%
1997	15	8	53.3%	4.8	73.3%	73.3%	73.3%	53.3%
1998	17	7	41.2%	5.6	88.2%	88.2%	82.4%	70.6%
1999	12	6	50.0%	4.4	91.7%	91.7%	66.7%	50.0%
2000	18	4	22.2%	4.4	94.4%	94.4%	83.3%	77.8%
2001	15	6	40.0%	3.0	86.7%	80.0%	73.3%	60.0%
2002	16	6	37.5%	2.1	81.3%	75.0%	68.8%	62.5%
2003	21	9	42.9%	2.9	81.0%	76.2%	66.7%	--
2004	19	4	21.1%	0.5	84.2%	78.9%	78.9%	--
2005	16	6	37.5%	2.5	81.3%	81.3%	68.8%	--
2006	27	11	40.7%	2.3	81.5%	81.5%	66.7%	--
2007	17	4	23.5%	0.4	76.5%	76.5%	--	--
2008	27	5	18.5%	1.5	88.9%	88.9%	--	--
2009	17	2	11.8%	1.7	94.1%	94.1%	--	--
2010	17	6	35.3%	0.6	76.5%	64.7%	--	--
2011	15	1	6.7%	0.4	93.3%	--	--	--
TOTAL	440	225	51.1%	2.8	81.4%	71.1%	58.4%	52.3%

Section IX – Pediatric Cases

Figure 11 – Trends in Pediatric HIV Cases, 1985-2012, Reported through 12/31/2013

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 2012, as Reported by Name through 12/31/2013



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	1	0	0	0	
1985	0	0	0	0	0
1986	0	0	0	0	0
1987	0	0	0	0	0
1988	2	1	1	0	0
1989	0	0	0	0	0
1990	3	1	0	0	1
1991	0	0	0	0	1
1992	2	1	0	0	2
1993	0	0	0	0	2
1994	1	3	3	0	3
1995	0	0	0	1	2
1996	1	2	2	1	2
1997	0	0	0	0	2
1998	0	0	1	0	1
1999	0	0	0	1	1
2000	0	0	0	0	1
2001	0	0	0	0	2
2002	0	1	0	0	3
2003	0	0	0	0	3
2004	0	0	0	0	3
2005	1	1	0	0	4
2006	0	0	0	0	4
2007	0	1	0	0	5
2008	0	0	0	0	5
2009	0	0	0	0	5
2010	1	0	0	1	5
2011	1	1	1	0	6
2012	0	1	0	0	7
TOTAL	13	13	8	4	

Table 24 – Pediatric HIV Diagnoses during 2012 and Pediatric Total Living HIV Cases, Alive on 12/31/2012, by Jurisdiction, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Calvert	0	0.0%	2	28.6%
Charles	0	0.0%	3	42.9%
Saint Mary's	1	100.0%	2	28.6%
TOTAL	1	100.0%	7	100.0%

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis for pediatric reported HIV diagnoses, and jurisdiction of residence at later of time of initial HIV diagnosis or initial AIDS diagnosis for pediatric total living HIV cases.
Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.
Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 25 – Pediatric HIV Diagnosis during 2012 and Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013

SEX AT BIRTH	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Male	0	0.0%	5	71.4%
Female	1	100.0%	2	28.6%
TOTAL	1	100.0%	7	100.0%

RACE/ETHNICITY	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Hispanic	0	0.0%	0	0.0%
Non-Hispanic	1	100.0%	7	100.0%
American Indian/ Alaska Native, only	0	0.0%	0	0.0%
Asian, only	0	0.0%	0	0.0%
Black, only	1	100.0%	6	85.7%
Native Hawaiian/Other Pacific Islander, only	0	0.0%	0	0.0%
White, only	0	0.0%	1	14.3%
Multiracial/Other	0	0.0%	0	0.0%
TOTAL	1	100.0%	7	100.0%

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

Glossary of Terms

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

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

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

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

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

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis**.**

Age on [date]: Age group of living cases on the specified date.

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

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

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

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

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.

Live Births: Babies born alive in the general population.

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

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

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Mean Years from AIDS diagnosis to AIDS Death: Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

Median: The measure of central location which divides a set of data into two equal parts.

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

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

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

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

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

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

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

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

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

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

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

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

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

Percent with AIDS: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis by 12/31/2011.

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

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

Population: Population estimate for 7/1/2012.

Population Age 13+: Population age13 years or older, estimate for 7/1/2012.

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

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

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

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

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

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

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

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

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

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

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