



2013

Western Region Annual HIV Epidemiological Profile

**2013 Western Region Annual
HIV Epidemiological Profile**
Data reported through December 31, 2014

**Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Epidemiology and Outbreak Response Bureau
Prevention and Health Promotion Administration
Maryland Department of Health and Mental Hygiene
<http://phpa.dhmf.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: Western Region Annual HIV Epidemiological Profile 2013. Center for HIV Surveillance, Epidemiology and Evaluation, Department of Health and Mental Hygiene, Baltimore, MD. 2015.

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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/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. It is important to note that surveillance is an ongoing systematic collection, analysis, interpretation, and dissemination of laboratory data. Furthermore, laboratory data are only available for cases receiving medical care, usually only at facilities in Maryland, and only includes test results that have been reported to the health department. Linkage to care data is based solely on laboratory data reported to the health department. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in the number of reported HIV diagnoses.

Stages of a Case of HIV/AIDS

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

A case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, and years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would probably be many years after the initial HIV infection [time point 1].

Changes in Case Terminology

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old 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 2013 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2013-12/31/2014, as reported by name through 12/31/2014.

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 12/31/2014 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2014 as reported by name through 12/31/2014.

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, 2014.

Population data by sex, age, and race are from the July 1, 2013 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.

Men who have Sex with Men (MSM): 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.

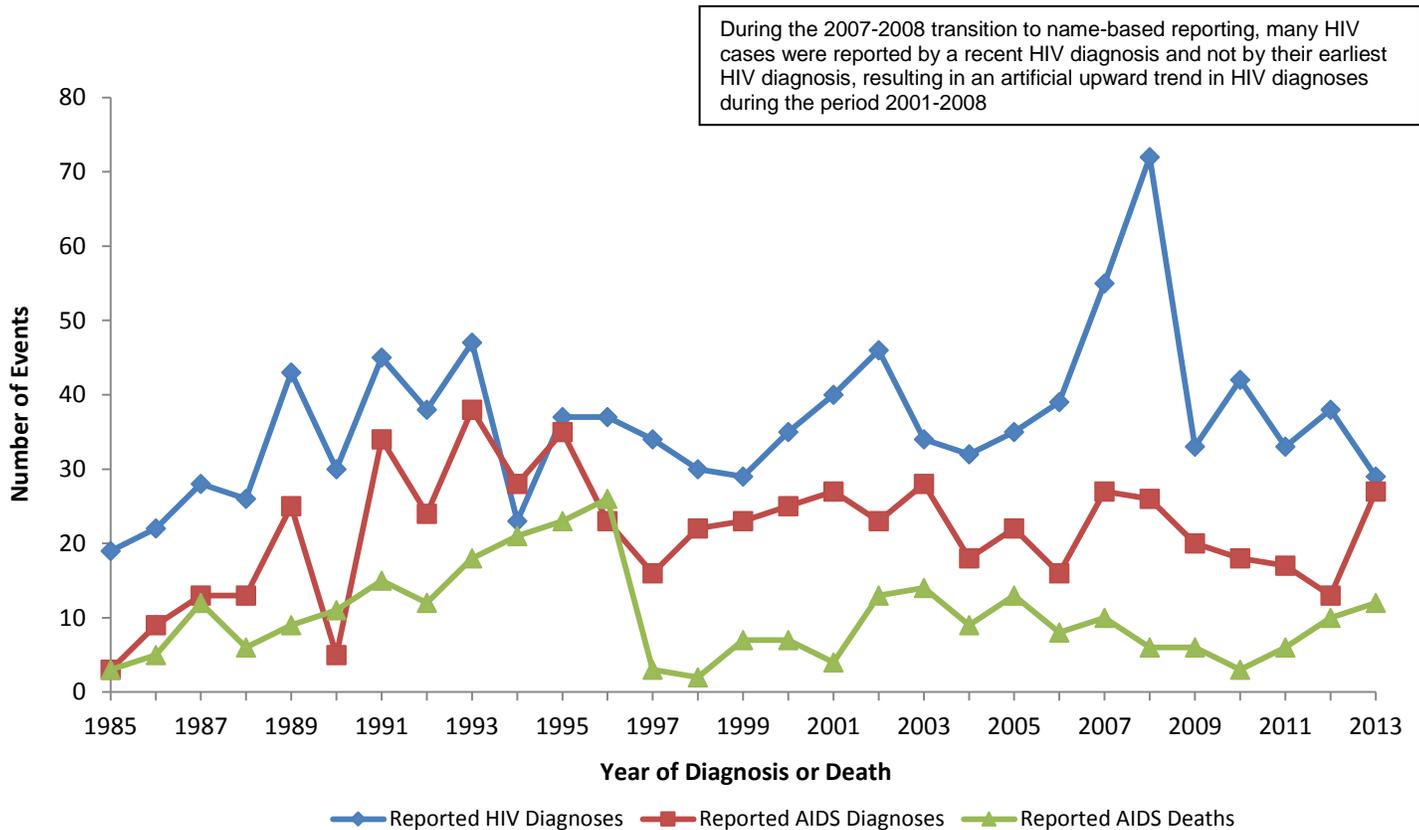
Heterosexual Exposure (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or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

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

Section II – Trends 1985-2013

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2013, Reported through 12/31/2014

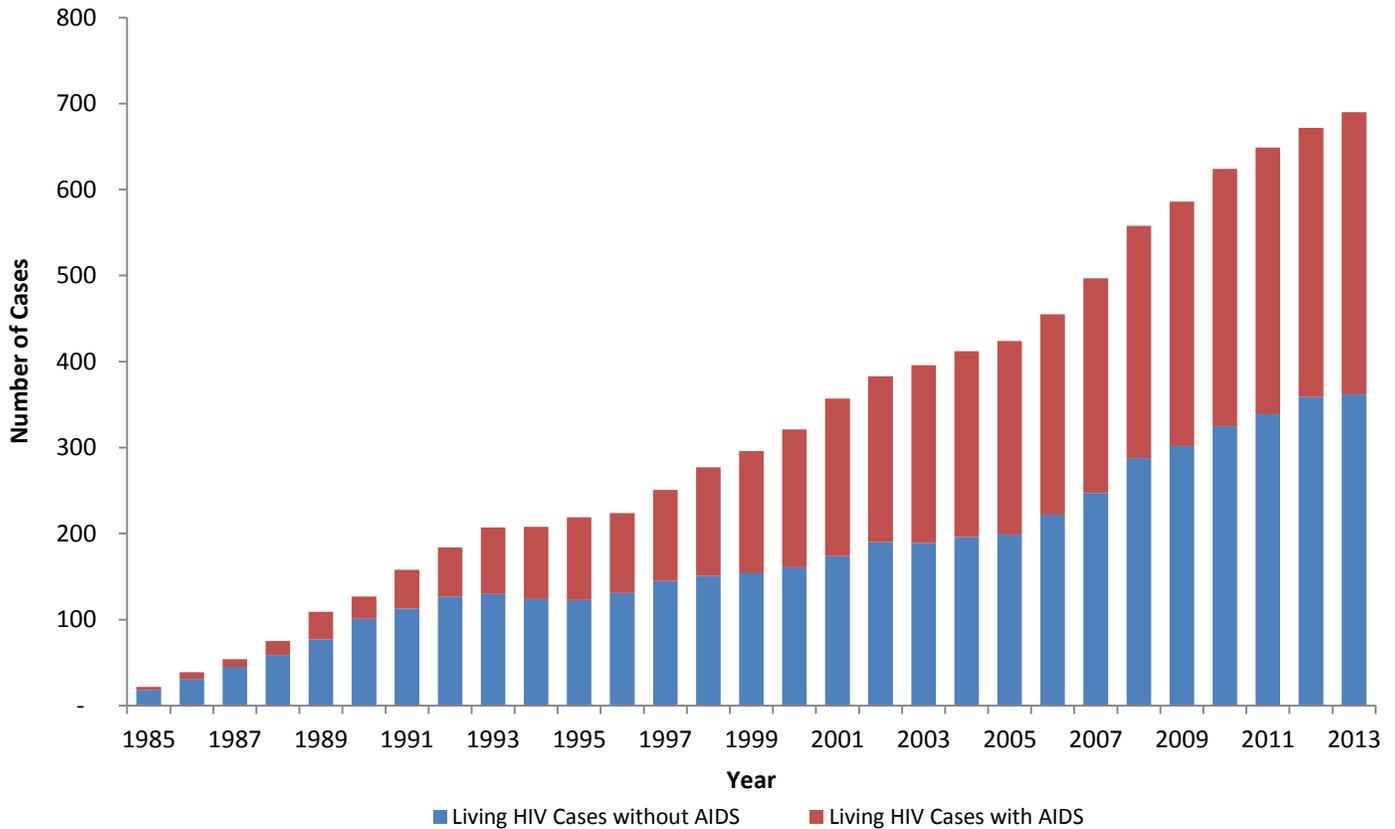
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnosis) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2013 as Reported through 12/31/2014



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	9	6	2	1999	29	23	7
1985	19	3	3	2000	35	25	7
1986	22	9	5	2001	40	27	4
1987	28	13	12	2002	46	23	13
1988	26	13	6	2003	34	28	14
1989	43	25	9	2004	32	18	9
1990	30	5	11	2005	35	22	13
1991	45	34	15	2006	39	16	8
1992	38	24	12	2007	55	27	10
1993	47	38	18	2008	72	26	6
1994	23	28	21	2009	33	20	6
1995	37	35	23	2010	42	18	3
1996	37	23	26	2011	33	17	6
1997	34	16	3	2012	38	13	10
1998	30	22	2	2013	29	27	12
				TOTAL	1,060	624	296

Figure 2 – Trends in Living HIV Cases, 1985-2013, Reported through 12/31/2014

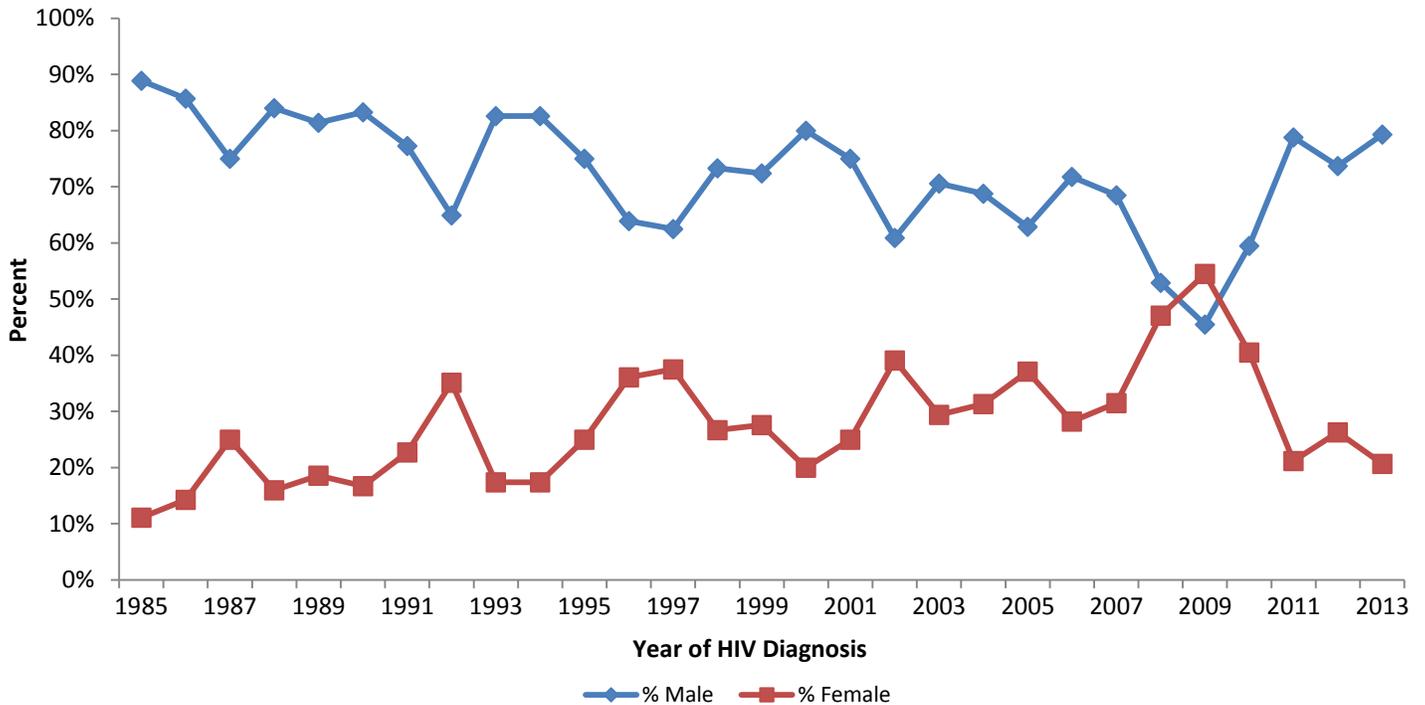
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2013, as Reported through 12/31/2014



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	18	4	22	1999	154	142	296
1986	31	8	39	2000	161	160	321
1987	45	9	54	2001	174	183	357
1988	59	16	75	2002	190	193	383
1989	77	32	109	2003	189	207	396
1990	101	26	127	2004	196	216	412
1991	113	45	158	2005	199	225	424
1992	127	57	184	2006	222	233	455
1993	130	77	207	2007	247	250	497
1994	124	84	208	2008	288	270	558
1995	123	96	219	2009	302	284	586
1996	131	93	224	2010	325	299	624
1997	145	106	251	2011	339	310	649
1998	151	126	277	2012	359	313	672
				2013	362	328	690

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2013, Reported through 12/31/2014

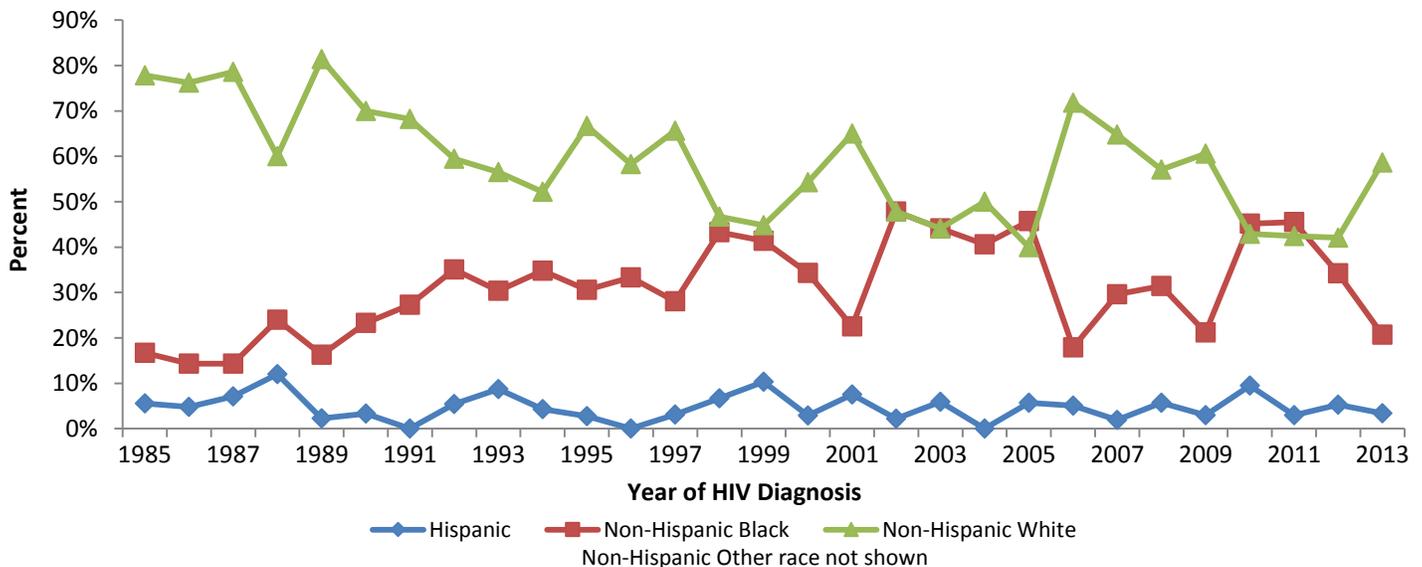
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



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	9	100.0%	0.0%	1999	29	72.4%	27.6%
1985	18	88.9%	11.1%	2000	35	80.0%	20.0%
1986	21	85.7%	14.3%	2001	40	75.0%	25.0%
1987	28	75.0%	25.0%	2002	46	60.9%	39.1%
1988	25	84.0%	16.0%	2003	34	70.6%	29.4%
1989	43	81.4%	18.6%	2004	32	68.8%	31.3%
1990	30	83.3%	16.7%	2005	35	62.9%	37.1%
1991	44	77.3%	22.7%	2006	39	71.8%	28.2%
1992	37	64.9%	35.1%	2007	54	68.5%	31.5%
1993	46	82.6%	17.4%	2008	70	52.9%	47.1%
1994	23	82.6%	17.4%	2009	33	45.5%	54.5%
1995	36	75.0%	25.0%	2010	42	59.5%	40.5%
1996	36	63.9%	36.1%	2011	33	78.8%	21.2%
1997	32	62.5%	37.5%	2012	38	73.7%	26.3%
1998	30	73.3%	26.7%	2013	29	79.3%	20.7%
				TOTAL	1,047	71.3%	28.7%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2013, Reported through 12/31/2014

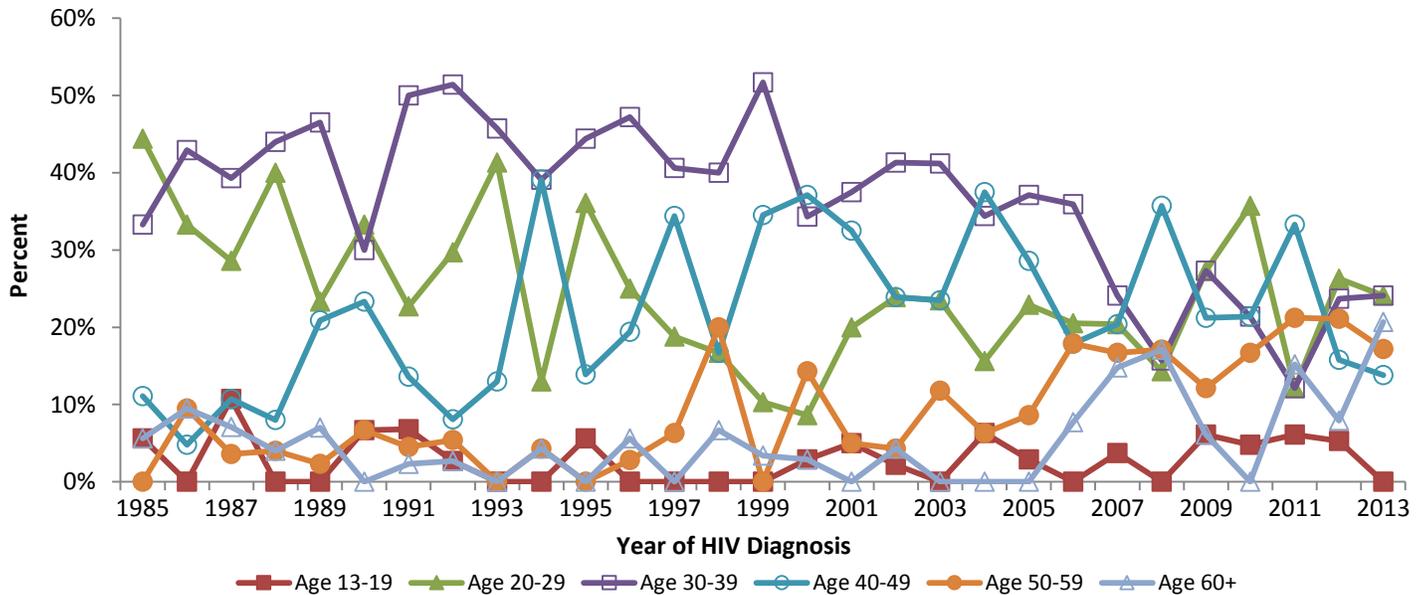
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	9	0.0%	33.3%	66.7%	0.0%
1985	18	5.6%	16.7%	77.8%	0.0%
1986	21	4.8%	14.3%	76.2%	4.8%
1987	28	7.1%	14.3%	78.6%	0.0%
1988	25	12.0%	24.0%	60.0%	4.0%
1989	43	2.3%	16.3%	81.4%	0.0%
1990	30	3.3%	23.3%	70.0%	3.3%
1991	44	0.0%	27.3%	68.2%	4.5%
1992	37	5.4%	35.1%	59.5%	0.0%
1993	46	8.7%	30.4%	56.5%	4.3%
1994	23	4.3%	34.8%	52.2%	8.7%
1995	36	2.8%	30.6%	66.7%	0.0%
1996	36	0.0%	33.3%	58.3%	8.3%
1997	32	3.1%	28.1%	65.6%	3.1%
1998	30	6.7%	43.3%	46.7%	3.3%
1999	29	10.3%	41.4%	44.8%	3.4%
2000	35	2.9%	34.3%	54.3%	8.6%
2001	40	7.5%	22.5%	65.0%	5.0%
2002	46	2.2%	47.8%	47.8%	2.2%
2003	34	5.9%	44.1%	44.1%	5.9%
2004	32	0.0%	40.6%	50.0%	9.4%
2005	35	5.7%	45.7%	40.0%	8.6%
2006	39	5.1%	17.9%	71.8%	5.1%
2007	54	1.9%	29.6%	64.8%	3.7%
2008	70	5.7%	31.4%	57.1%	5.7%
2009	33	3.0%	21.2%	60.6%	15.2%
2010	42	9.5%	45.2%	42.9%	2.4%
2011	33	3.0%	45.5%	42.4%	9.1%
2012	38	5.3%	34.2%	42.1%	18.4%
2013	29	3.4%	20.7%	58.6%	17.2%
TOTAL	1,047	4.6%	31.4%	58.5%	5.5%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2013, Reported through 12/31/2014

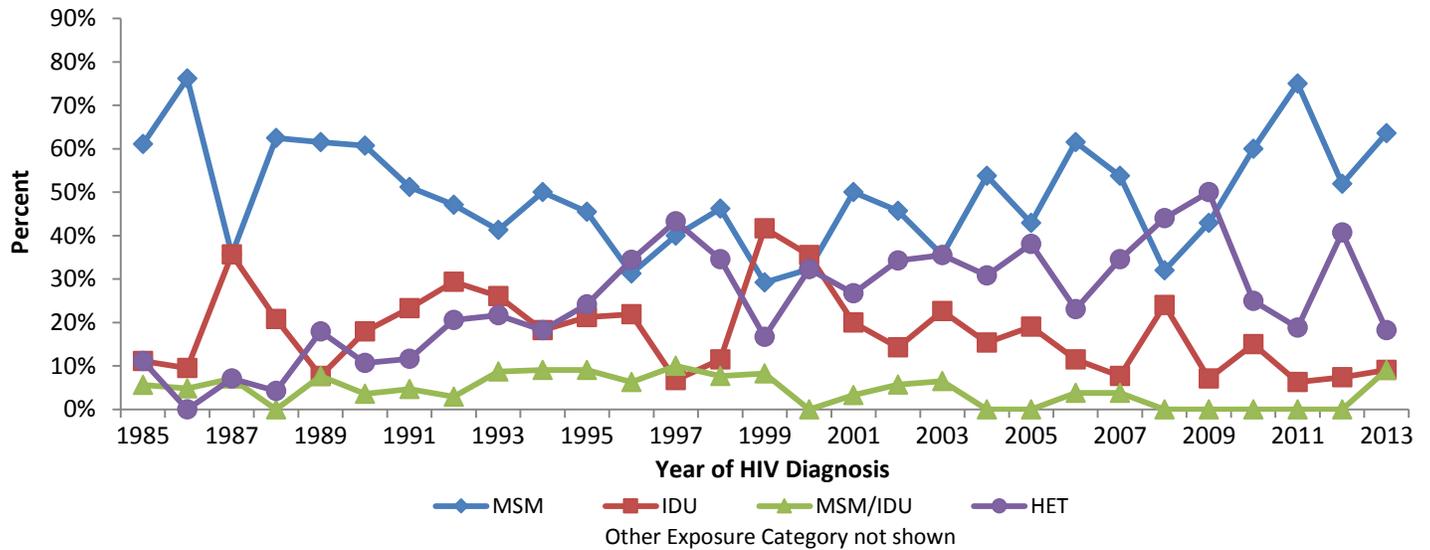
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



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	9	0.0%	33.3%	55.6%	11.1%	0.0%	0.0%
1985	18	5.6%	44.4%	33.3%	11.1%	0.0%	5.6%
1986	21	0.0%	33.3%	42.9%	4.8%	9.5%	9.5%
1987	28	10.7%	28.6%	39.3%	10.7%	3.6%	7.1%
1988	25	0.0%	40.0%	44.0%	8.0%	4.0%	4.0%
1989	43	0.0%	23.3%	46.5%	20.9%	2.3%	7.0%
1990	30	6.7%	33.3%	30.0%	23.3%	6.7%	0.0%
1991	44	6.8%	22.7%	50.0%	13.6%	4.5%	2.3%
1992	37	2.7%	29.7%	51.4%	8.1%	5.4%	2.7%
1993	46	0.0%	41.3%	45.7%	13.0%	0.0%	0.0%
1994	23	0.0%	13.0%	39.1%	39.1%	4.3%	4.3%
1995	36	5.6%	36.1%	44.4%	13.9%	0.0%	0.0%
1996	36	0.0%	25.0%	47.2%	19.4%	2.8%	5.6%
1997	32	0.0%	18.8%	40.6%	34.4%	6.3%	0.0%
1998	30	0.0%	16.7%	40.0%	16.7%	20.0%	6.7%
1999	29	0.0%	10.3%	51.7%	34.5%	0.0%	3.4%
2000	35	2.9%	8.6%	34.3%	37.1%	14.3%	2.9%
2001	40	5.0%	20.0%	37.5%	32.5%	5.0%	0.0%
2002	46	2.2%	23.9%	41.3%	23.9%	4.3%	4.3%
2003	34	0.0%	23.5%	41.2%	23.5%	11.8%	0.0%
2004	32	6.3%	15.6%	34.4%	37.5%	6.3%	0.0%
2005	35	2.9%	22.9%	37.1%	28.6%	8.6%	0.0%
2006	39	0.0%	20.5%	35.9%	17.9%	17.9%	7.7%
2007	54	3.7%	20.4%	24.1%	20.4%	16.7%	14.8%
2008	70	0.0%	14.3%	15.7%	35.7%	17.1%	17.1%
2009	33	6.1%	27.3%	27.3%	21.2%	12.1%	6.1%
2010	42	4.8%	35.7%	21.4%	21.4%	16.7%	0.0%
2011	33	6.1%	12.1%	12.1%	33.3%	21.2%	15.2%
2012	38	5.3%	26.3%	23.7%	15.8%	21.1%	7.9%
2013	29	0.0%	24.1%	24.1%	13.8%	17.2%	20.7%
TOTAL	1,047	2.8%	24.1%	35.8%	22.3%	9.4%	5.6%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2013, Reported through 12/31/2014

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 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					% Other Exposure
		No.	% MSM	% IDU	% MSM/IDU	% HET	
<1985	9	8	75.0%	12.5%	12.5%	0.0%	0.0%
1985	18	18	61.1%	11.1%	5.6%	11.1%	11.1%
1986	21	21	76.2%	9.5%	4.8%	0.0%	9.5%
1987	28	28	35.7%	35.7%	7.1%	7.1%	14.3%
1988	25	24	62.5%	20.8%	0.0%	4.2%	12.5%
1989	43	39	61.5%	7.7%	7.7%	17.9%	5.1%
1990	30	28	60.7%	17.9%	3.6%	10.7%	7.1%
1991	44	43	51.2%	23.3%	4.7%	11.6%	9.3%
1992	37	34	47.1%	29.4%	2.9%	20.6%	0.0%
1993	46	46	41.3%	26.1%	8.7%	21.7%	2.2%
1994	23	22	50.0%	18.2%	9.1%	18.2%	4.5%
1995	36	33	45.5%	21.2%	9.1%	24.2%	0.0%
1996	36	32	31.3%	21.9%	6.3%	34.4%	6.3%
1997	32	30	40.0%	6.7%	10.0%	43.3%	0.0%
1998	30	26	46.2%	11.5%	7.7%	34.6%	0.0%
1999	29	24	29.2%	41.7%	8.3%	16.7%	4.2%
2000	35	31	32.3%	35.5%	0.0%	32.3%	0.0%
2001	40	30	50.0%	20.0%	3.3%	26.7%	0.0%
2002	46	35	45.7%	14.3%	5.7%	34.3%	0.0%
2003	34	31	35.5%	22.6%	6.5%	35.5%	0.0%
2004	32	26	53.8%	15.4%	0.0%	30.8%	0.0%
2005	35	21	42.9%	19.0%	0.0%	38.1%	0.0%
2006	39	26	61.5%	11.5%	3.8%	23.1%	0.0%
2007	54	26	53.8%	7.7%	3.8%	34.6%	0.0%
2008	70	25	32.0%	24.0%	0.0%	44.0%	0.0%
2009	33	14	42.9%	7.1%	0.0%	50.0%	0.0%
2010	42	20	60.0%	15.0%	0.0%	25.0%	0.0%
2011	33	16	75.0%	6.3%	0.0%	18.8%	0.0%
2012	38	27	51.9%	7.4%	0.0%	40.7%	0.0%
2013	29	22	63.6%	9.1%	9.1%	18.2%	0.0%
TOTAL	1,047	806	48.9%	18.6%	4.8%	24.7%	3.0%

Section III – Adult/Adolescent Cases by Jurisdiction

Table 1 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Jurisdiction, Reported through 12/31/2014

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
Allegany	64,412	5	17.2%	7.8	***	***	***	***	***	***	***
Frederick	200,514	15	51.7%	7.5	9	60.0%	8	53.3%	12	80.0%	228
Garrett	25,790	1	3.4%	3.9	***	***	***	***	***	***	***
Washington	125,996	8	27.6%	6.3	7	87.5%	***	***	6	75.0%	258
TOTAL	416,712	29	100.0%	7.0	22	75.9%	15	51.7%	24	82.8%	170

*** 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 7/1/2013.

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 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction, Reported through 12/31/2014

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
Allegany	64,412	5	19.2%	7.8	2	80.0%
Frederick	200,514	13	50.0%	6.5	2.6	69.2%
Garrett	25,790	0	0.0%	0.0	--	0.0%
Washington	125,996	8	30.8%	6.3	6.9	37.5%
TOTAL	416,712	26	100.0%	6.2	3.8	61.5%

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

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

Population Age 13+: Population age 13 years or older, estimate for 7/1/2013.

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 12/31/2013, by Jurisdiction, Reported through 12/31/2014

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)
Allegany	64,412	39	10.9%	60.5	32	9.9%	49.7	71	10.4%	110.2	907
Frederick	200,514	151	42.3%	75.3	154	47.5%	76.8	305	44.8%	152.1	657
Garrett	25,790	4	1.1%	15.5	4	1.2%	15.5	8	1.2%	31.0	3,223
Washington	125,996	163	45.7%	129.4	134	41.4%	106.4	297	43.6%	235.7	424
TOTAL	416,712	357	100.0%	85.7	324	100.0%	77.8	681	100.0%	163.4	611

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

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2013.

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 12/31/2013, by Jurisdiction, Reported through 12/31/2014

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases								
	No.	Recent CD4 Test Result						350-499	500+
		No. with Test	% with Test	Median Count	<200	200-349			
Allegany	71	***	***	***	***	***	***	***	
Frederick	305	168	55.1%	514	10.1%	10.7%	26.2%	53.0%	
Garrett	8	***	***	***	***	***	***	***	
Washington	297	151	50.8%	568	8.6%	12.6%	19.9%	58.9%	
TOTAL	681	368	54.0%	546	9.5%	11.1%	21.7%	57.6%	

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

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

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

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

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

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

Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Jurisdiction, Reported through 12/31/2014

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
Allegany	71	***	***	***	***
Frederick	305	164	53.8%	80.5%	5,825
Garrett	8	***	***	***	***
Washington	297	144	48.5%	86.8%	29,027
TOTAL	681	356	52.3%	83.1%	21,499

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

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

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

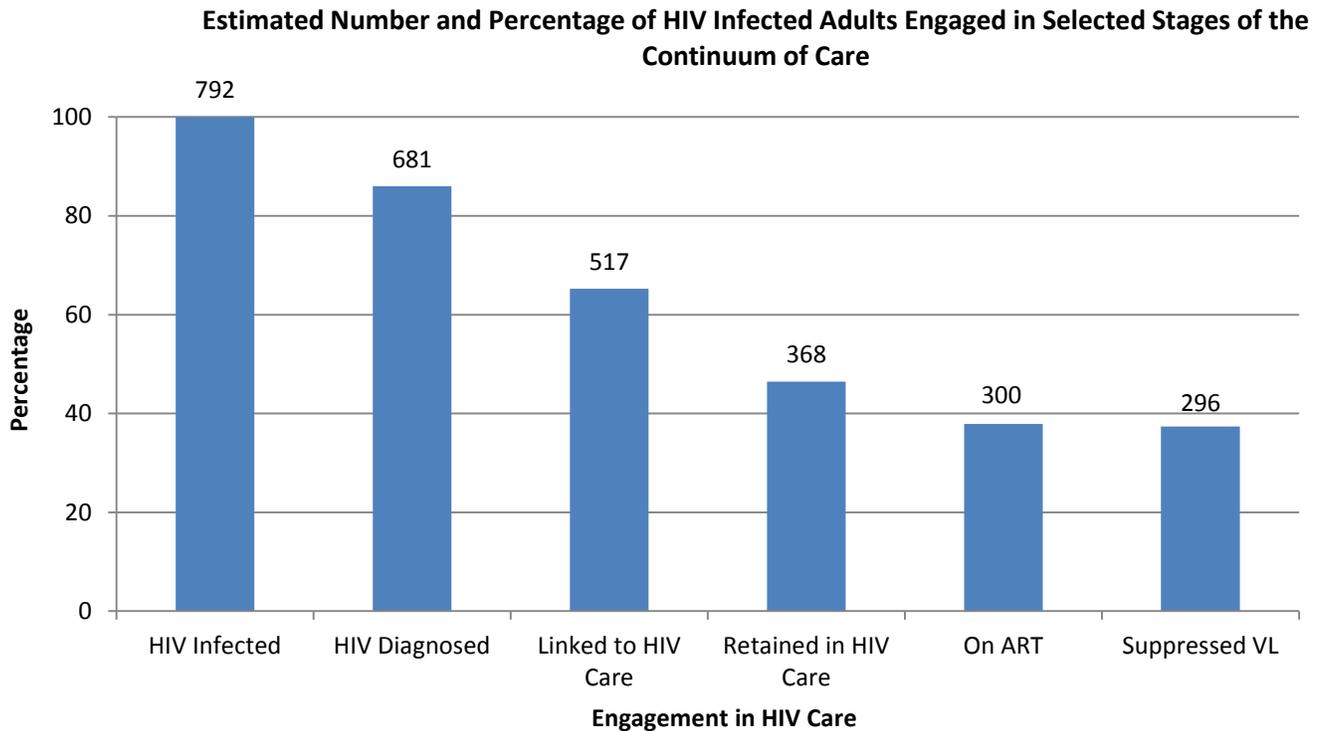
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

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

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

Figure 7 – Estimated Adult/Adolescent 2013 HIV Continuum of Care, Reported through 12/31/2014

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	792	100.0%
HIV Diagnosed	681	86.0%
Linked to HIV Care	517	65.3%
Retained in HIV Care	368	46.5%
On ART	300	37.9%
Suppressed VL	296	37.4%

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 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2014

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)	27,930	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
5-12 (Pediatric)	49,765	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
13-19	45,984	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
20-29	63,407	7	24.1%	11.0	***	***	***	***	6	85.7%	242
30-39	59,807	7	24.1%	11.7	***	***	***	***	5	71.4%	463
40-49	72,852	4	13.8%	5.5	***	***	***	***	***	***	***
50-59	73,232	5	17.2%	6.8	5	100.0%	***	***	5	100.0%	107
60+	101,430	6	20.7%	5.9	***	***	***	***	***	***	***
TOTAL	494,407	29	100.0%	5.9	22	75.9%	15	51.7%	24	82.8%	170

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

Table 7 – AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2014

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	27,930	0	0.0%	0.0	--	0.0%
5-12 (Pediatric)	49,765	0	0.0%	0.0	--	0.0%
13-19	45,984	0	0.0%	0.0	--	0.0%
20-29	63,407	6	22.2%	9.5	5.3	66.7%
30-39	59,807	6	22.2%	10.0	4.7	33.3%
40-49	72,852	5	18.5%	6.9	3.8	80.0%
50-59	73,232	6	22.2%	8.2	4.8	50.0%
60+	101,430	4	14.8%	3.9	***	***
TOTAL	494,407	27	100.0%	5.5	4.3	59.3%

*** 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 7/1/2013.

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 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014

AGE ON 12/31/2013	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 (Pediatric)	27,930	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
5-12 (Pediatric)	49,765	1	0.3%	2.0	0	0.0%	0.0	1	0.1%	2.0	49,765
13-19	45,984	4	1.1%	8.7	0	0.0%	0.0	4	0.6%	8.7	11,496
20-29	63,407	44	12.2%	69.4	10	3.0%	15.8	54	7.8%	85.2	1,174
30-39	59,807	82	22.7%	137.1	40	12.2%	66.9	122	17.7%	204.0	490
40-49	72,852	97	26.8%	133.1	113	34.5%	155.1	210	30.4%	288.3	346
50-59	73,232	89	24.6%	121.5	118	36.0%	161.1	207	30.0%	282.7	353
60+	101,430	45	12.4%	44.4	47	14.3%	46.3	92	13.3%	90.7	1,102
TOTAL	494,407	362	100.0%	73.2	328	100.0%	66.3	690	100.0%	139.6	716

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

Population: Population estimate for 7/1/2013.

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 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014

AGE ON 12/31/2013	Adult/Adolescent Total Living HIV Cases								
	No.	Recent CD4 Test Results						350-499	500+
		No. with Test	% with Test	Median Count	<200	200-349			
13-19	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%	
20-29	51	25	49.0%	573	8.0%	12.0%	24.0%	56.0%	
30-39	121	63	52.1%	537	14.3%	4.8%	19.0%	61.9%	
40-49	210	122	58.1%	631	8.2%	8.2%	22.1%	61.5%	
50-59	207	111	53.6%	521	9.9%	13.5%	23.4%	53.2%	
60+	92	47	51.1%	511	6.4%	21.3%	19.1%	53.2%	
TOTAL	681	368	54.0%	546	9.5%	11.1%	21.7%	57.6%	

Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014

AGE ON 12/31/2013	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
13-19	0	0	0.0%	0.0%	--
20-29	51	26	51.0%	50.0%	25,400
30-39	121	63	52.1%	76.2%	3,040
40-49	210	116	55.2%	86.2%	8,235
50-59	207	106	51.2%	87.7%	46,409
60+	92	45	48.9%	93.3%	430
TOTAL	681	356	52.3%	83.1%	21,499

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 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2014

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	208,707	23	79.3%	11.0	***	***	***	***	***	***	***
Female	208,005	6	20.7%	2.9	***	***	***	***	***	***	***
TOTAL	416,712	29	100.0%	7.0	22	75.9%	15	51.7%	24	82.8%	170

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	19,794	1	3.4%	5.1	***	***	***	***	***	***	***
Non-Hispanic	396,918	28	96.6%	7.1	***	***	***	***	***	***	***
American Indian/Alaska Native, only	821	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
Asian, only	10,746	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
Black, only	35,376	6	20.7%	17.0	***	***	***	***	***	***	***
Native Hawaiian/ Other Pacific Islander, only	192	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
White, only	343,922	17	58.6%	4.9	14	82.4%	9	52.9%	15	88.2%	184
Multiracial/ Other	5,861	5	17.3%	85.3	***	***	***	***	***	***	***
TOTAL	416,712	29	100.0%	7.0	22	75.9%	15	51.7%	24	82.8%	170

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	380,267	27	93.1%	7.1	20	74.1%	15	55.6%	22	81.5%	142
Foreign-born	30,113	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
Africa	--	0	0.0%	--	0	0.0%	0	0.0%	0	0.0%	--
Asia	--	0	0.0%	--	0	0.0%	0	0.0%	0	0.0%	--
Caribbean	--	0	0.0%	--	0	0.0%	0	0.0%	0	0.0%	--
Central America	--	0	0.0%	--	0	0.0%	0	0.0%	0	0.0%	--
Other	--	0	0.0%	--	0	0.0%	0	0.0%	0	0.0%	--
Unknown	--	2	6.9%	--	2	100.0%	0	0.0%	2	100.0%	502
TOTAL	410,380	29	100.0%	7.1	22	75.9%	15	51.7%	24	82.8%	170

* Population data by sex at birth, age, and race/ethnicity are from the 2013 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 7/1/2013.

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 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2014

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	208,707	20	76.9%	9.6	3.0	70.0%
Female	208,005	6	23.1%	2.9	6.6	33.3%
TOTAL	416,712	26	100.0%	6.2	3.8	61.5%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	19,794	3	11.5%	15.2	***	***
Non-Hispanic	396,918	23	88.5%	5.8	3.9	60.9%
American Indian/Alaska Native, only	821	0	0.0%	0.0	--	0.0%
Asian, only	10,746	0	0.0%	0.0	--	0.0%
Black, only	35,376	5	19.2%	14.1	5.7	60.0%
Native Hawaiian/Other Pacific Islander, only	192	0	0.0%	0.0	--	0.0%
White, only	343,922	15	57.7%	4.4	3.7	60.0%
Multiracial/Other	5,861	3	11.5%	51.2	***	***
TOTAL	416,712	26	100.0%	6.2	3.8	61.5%

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	380,267	26	100.0%	6.8	3.8	61.5%
Foreign-born	30,113	0	0.0%	0.0	--	0.0%
Africa	--	0	0.0%	--	--	0.0%
Asia	--	0	0.0%	--	--	0.0%
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	410,380	26	100.0%	6.3	3.8	61.5%

* Population data by sex at birth, age, and race/ethnicity are from the 2013 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 7/1/2013.

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 12/31/2013 and Reported through 12/31/2014

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	208,707	233	65.3%	111.6	225	69.4%	107.8	458	67.3%	219.4	455
Female	208,005	124	34.7%	59.6	99	30.6%	47.6	223	32.7%	107.2	932
TOTAL	416,712	357	100.0%	85.7	324	100.0%	77.8	681	100.0%	163.4	611

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	19,794	16	4.5%	80.8	25	7.7%	126.3	41	6.0%	207.1	482
Non-Hispanic	396,918	341	95.5%	85.9	299	92.3%	75.3	640	94.0%	161.2	620
American Indian/Alaska Native, only	821	***	***	***	***	***	***	***	***	***	***
Asian, only	10,746	***	***	***	***	***	***	***	***	***	***
Black, only	35,376	106	29.7%	299.6	109	33.7%	308.1	215	31.6%	607.8	164
Native Hawaiian/Other Pacific Islander, only	192	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
White, only	343,922	210	58.8%	61.1	161	49.7%	46.8	371	54.5%	107.9	927
Multiracial/Other	5,861	23	6.4%	392.4	23	7.1%	392.4	46	6.8%	784.8	127
TOTAL	416,712	357	100.0%	85.7	324	100.0%	77.8	681	100.0%	163.4	611

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	380,267	315	88.2%	82.8	288	88.9%	75.7	603	88.5%	158.6	630
Foreign-born	30,113	15	4.2%	49.8	31	9.6%	102.9	46	6.8%	152.8	654
Africa	--	6	1.7%	--	11	3.4%	--	17	2.5%	--	--
Asia	--	***	***	***	***	***	***	***	***	***	***
Caribbean	--	***	***	***	***	***	***	***	***	***	***
Central America	--	***	***	***	***	***	***	10	1.5%	--	--
Other	--	***	***	***	***	***	***	8	1.2%	--	--
Unknown	--	27	7.6%	--	5	1.5%	--	32	4.7%	--	--
TOTAL	410,380	357	100.0%	87.0	324	100.0%	79.0	681	100.0%	165.9	602

* Population data by sex at birth, age, and race/ethnicity are from the 2013 U.S. Census population estimates

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

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

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2013.

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 12/31/2013 and Reported through 12/31/2014

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	458	243	53.1%	534	9.9%	13.6%	20.2%	56.4%
Female	223	125	56.1%	593	8.8%	6.4%	24.8%	60.0%
TOTAL	681	368	54.0%	546	9.5%	11.1%	21.7%	57.6%

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Hispanic	41	19	46.3%	467	15.8%	15.8%	21.1%	47.4%
Non-Hispanic	640	349	54.5%	554	9.2%	10.9%	21.8%	58.2%
American Indian/Alaska Native, only	***	***	***	***	***	***	***	***
Asian, only	***	***	***	***	***	***	***	***
Black, only	215	114	53.0%	535	7.9%	10.5%	25.4%	56.1%
Native Hawaiian/Other Pacific Islander, only	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
White, only	371	199	53.6%	599	9.0%	10.1%	19.1%	61.8%
Multiracial/Other	46	32	69.6%	466	12.5%	18.8%	21.9%	46.9%
TOTAL	681	368	54.0%	546	9.5%	11.1%	21.7%	57.6%

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
United States	603	327	54.2%	541	10.1%	10.1%	22.6%	57.2%
Foreign-born	46	22	47.8%	511	9.1%	18.2%	18.2%	54.5%
Africa	17	9	52.9%	509	11.1%	11.1%	22.2%	55.6%
Asia	***	***	***	***	***	***	***	***
Caribbean	***	***	***	***	***	***	***	***
Central America	10	***	***	***	***	***	***	***
Other	8	***	***	***	***	***	***	***
Unknown	32	19	59.4%	605	0.0%	21.1%	10.5%	68.4%
TOTAL	681	368	54.0%	546	9.5%	11.1%	21.7%	57.6%

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

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

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

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

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

Table 15 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2013 and Reported through 12/31/2014

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	458	233	50.9%	84.1%	27,760
Female	223	123	55.2%	81.3%	5,010
TOTAL	681	356	52.3%	83.1%	21,499

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	41	20	48.8%	75.0%	47,955
Non-Hispanic	640	336	52.5%	83.6%	14,991
American Indian/Alaska Native, only	***	***	***	***	***
Asian, only	***	***	***	***	***
Black, only	215	114	53.0%	84.2%	20,976
Native Hawaiian/Other Pacific Islander, only	0	0	0.0%	0.0%	--
White, only	371	186	50.1%	84.4%	9,830
Multiracial/Other	46	33	71.7%	75.8%	52,907
TOTAL	681	356	52.3%	83.1%	21,499

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	603	313	51.9%	82.7%	24,830
Foreign-born	46	24	52.2%	83.3%	7,420
Africa	17	10	58.8%	80.0%	2,665
Asia	***	***	***	***	***
Caribbean	***	***	***	***	***
Central America	10	***	***	***	***
Other	8	***	***	***	***
Unknown	32	19	59.4%	89.5%	35,187
TOTAL	681	356	52.3%	83.1%	21,499

*** 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.

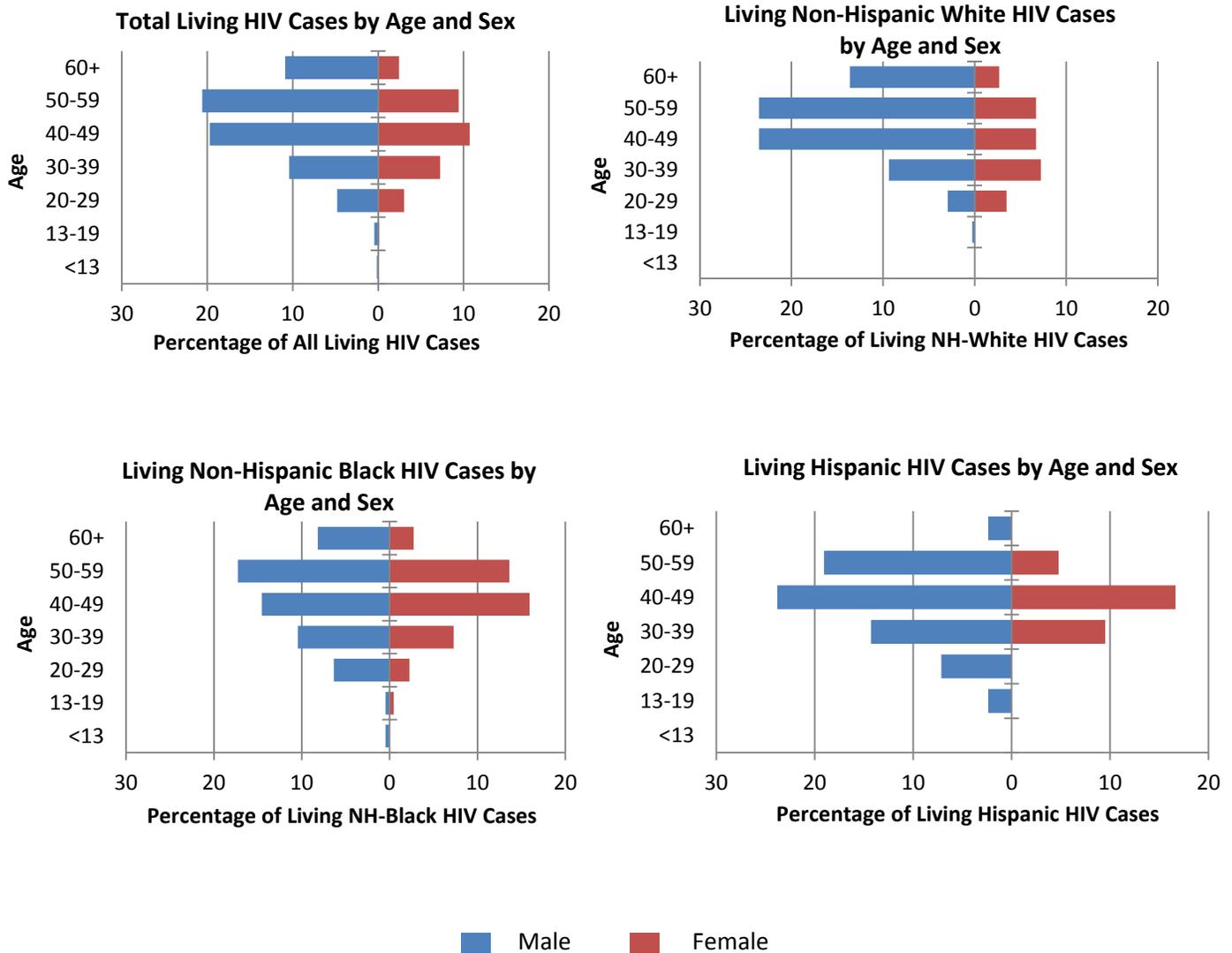
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

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 12/31/2013 and Reported through 12/31/2014



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 12/31/2013 and Reported through 12/31/2014

MALES						
AGE ON 12/31/2013		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	3,607	3,655	28,931	3,789	39,982
	Cases	0	1	0	0	1
	Rate	0.0	27.4	0.0	0.0	2.5
	Ratio (1 in X)	--	3,655	--	--	39,982
13-19	Population	1,715	2,604	17,946	1,619	23,884
	Cases	1	1	1	0	3
	Rate	58.3	38.4	5.6	0.0	12.6
	Ratio (1 in X)	1,715	2,604	17,946	--	7,961
20-29	Population	2,438	5,264	24,464	1,464	33,630
	Cases	3	14	11	5	33
	Rate	123.1	266.0	45.0	341.5	98.1
	Ratio (1 in X)	812	376	2,224	292	1,019
30-39	Population	2,699	4,673	22,406	1,524	31,302
	Cases	6	23	35	8	72
	Rate	222.3	492.2	156.2	524.9	230.0
	Ratio (1 in X)	449	203	640	190	434
40-49	Population	1,959	4,533	29,111	1,558	37,161
	Cases	10	32	88	6	136
	Rate	510.5	705.9	302.3	385.1	366.0
	Ratio (1 in X)	195	141	330	259	273
50-59	Population	1,019	2,881	31,762	1,079	36,741
	Cases	***	38	88	***	142
	Rate	***	1,319.0	277.1	***	386.5
	Ratio (1 in X)	***	75	360	***	258
60+	Population	662	1,815	42,468	1,044	45,989
	Cases	***	18	51	***	75
	Rate	***	991.7	120.1	***	163.1
	Ratio (1 in X)	***	100	832	***	613
TOTAL MALES BY RACE/ETHNICITY	Population	14,099	25,425	197,088	12,077	248,689
	Cases	29	127	274	32	462
	Rate	205.7	499.5	139.0	265.0	185.8
	Ratio (1 in X)	486	200	719	377	538

*** 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 7/1/2013.

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 12/31/2013 and Reported through 12/31/2014

FEMALES						
AGE ON 12/31/2013		RACE/ETHNICITY				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	3,400	3,489	27,207	3,617	37,713
	Cases	0	0	0	0	0
	Rate	0.0	0.0	0.0	0.0	0.0
	Ratio (1 in X)	--	--	--	--	--
13-19	Population	1,552	2,207	16,722	1,619	22,100
	Cases	0	1	0	0	1
	Rate	0.0	45.3	0.0	0.0	4.5
	Ratio (1 in X)	--	2,207	--	--	22,100
20-29	Population	2,006	2,623	23,461	1,687	29,777
	Cases	0	5	13	3	21
	Rate	0.0	190.6	55.4	177.8	70.5
	Ratio (1 in X)	--	524	1,804	562	1,417
30-39	Population	2,123	2,249	22,253	1,880	28,505
	Cases	4	16	27	3	50
	Rate	188.4	711.4	121.3	159.6	175.4
	Ratio (1 in X)	530	140	824	626	570
40-49	Population	1,754	2,480	29,741	1,716	35,691
	Cases	7	35	25	7	74
	Rate	399.1	1,411.3	84.1	407.9	207.3
	Ratio (1 in X)	250	70	1,189	245	482
50-59	Population	976	2,068	32,229	1,218	36,491
	Cases	***	30	25	***	65
	Rate	***	1,450.7	77.6	***	178.1
	Ratio (1 in X)	***	68	1,289	***	561
60+	Population	891	1,979	51,359	1,212	55,441
	Cases	***	6	10	***	17
	Rate	***	303.2	19.5	***	30.7
	Ratio (1 in X)	***	329	5,135	***	3,261
TOTAL FEMALES BY RACE/ ETHNICITY	Population	12,702	17,095	202,972	12,949	245,718
	Cases	13	93	100	22	228
	Rate	102.3	544.0	49.3	169.9	92.8
	Ratio (1 in X)	977	183	2,029	588	1,077

*** 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 7/1/2013.

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 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent 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	22	100.0%	18	81.8%	12	54.5%	90.9%	170
Men who have Sex with Men (MSM)	14	63.6%	11	78.6%	7	50.0%	92.9%	328
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***	***	***	***	***
Other Exposures	0	0.0%	0	0.0%	0	0.0%	0.0%	--
No Reported Exposure	7		4	57.1%	3	42.9%	57.1%	233
TOTAL	29		22	75.9%	15	51.7%	82.8%	170

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	18	100.0%	15	83.3%	10	55.6%	94.4%	184
Men who have Sex with Men (MSM)	14	77.8%	11	78.6%	7	50.0%	92.9%	328
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***	***	***	***	***
Other Exposures	0	0.0%	0	0.0%	0	0.0%	0.0%	--
No Reported Exposure	5		3	60.0%	2	40.0%	60.0%	442
TOTAL	23		18	78.3%	7	31.5%	87.0%	256

FEMALE 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	4	100.0%	3	75.0%	2	50.0%	75.0%	107
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***	***	***	***	***
Other Exposures	0	0.0%	0	0.0%	0	0.0%	0.0%	--
No Reported Exposure	2		1	50.0%	1	50.0%	50.0%	23
TOTAL	6		4	66.7%	3	50.0%	66.7%	98

*** 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 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	19	100.0%	3.2	68.4%
Men who have Sex with Men (MSM)	11	57.9%	1.6	81.8%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure	7		5.4	42.9%
TOTAL	26		3.8	61.5%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	16	100.0%	2.8	75.0%
Men who have Sex with Men (MSM)	11	68.8%	1.6	81.8%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure	4		3.7	50.0%
TOTAL	20		3.0	70.0%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	3	100.0%	5.4	33.3%
Injection Drug Users (IDU)	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure	3		7.8	33.3%
TOTAL	6		6.6	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 to 12 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 12/31/2013 and Reported through 12/31/2014

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	216	100.0%	260	100.0%	476	100.0%
Men who have Sex with Men (MSM)	123	56.9%	110	42.3%	233	48.9%
Injection Drug Users (IDU)	25	11.6%	44	16.9%	69	14.5%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	1	0.5%	15	5.8%	16	3.4%
Heterosexual Exposure (HET)	67	31.0%	89	34.2%	156	32.8%
Other Exposures	0	0.0%	2	0.8%	2	0.4%
No Reported Exposure	141		64		205	
TOTAL	357		324		681	

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	155	100.0%	186	100.0%	341	100.0%
Men who have Sex with Men (MSM)	123	79.4%	110	59.1%	233	68.3%
Injection Drug Users (IDU)	10	6.5%	27	14.5%	37	10.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	1	0.6%	15	8.1%	16	4.7%
Heterosexual Exposure (HET)	21	13.5%	33	17.7%	54	15.8%
Other Exposures	0	0.0%	1	0.5%	1	0.3%
No Reported Exposure	78		39		117	
TOTAL	233		225		458	

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	61	100.0%	74	100.0%	135	100.0%
Injection Drug Users (IDU)	15	24.6%	17	23.0%	32	23.7%
Heterosexual Exposure (HET)	46	75.4%	56	75.7%	102	75.6%
Other Exposures	0	0.0%	1	1.4%	1	0.7%
No Reported Exposure*	63		25		88	
TOTAL	124		99		223	

* Includes 2 HIV cases without AIDS and 1 HIV case 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 12/31/2013 and Reported through 12/31/2014

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	30	100.0%	138	100.0%	263	100.0%
Men who have Sex with Men (MSM)	9	30.0%	51	37.0%	156	59.3%
Injection Drug Users (IDU)	***	***	***	***	30	11.4%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	***	***	***	***
Heterosexual Exposure (HET)	17	56.7%	59	42.8%	66	25.1%
Other Exposures	***	***	***	***	***	***
No Reported Exposure	11		77		108	
TOTAL	41		215		371	

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	21	100.0%	90	100.0%	205	100.0%
Men who have Sex with Men (MSM)	9	42.9%	51	56.7%	156	76.1%
Injection Drug Users (IDU)	***	***	***	***	16	7.8%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	***	***	***	***
Heterosexual Exposure (HET)	8	38.1%	20	22.2%	22	10.7%
Other Exposures	***	***	***	***	***	***
No Reported Exposure	7		35		68	
TOTAL	28		125		273	

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	9	100.0%	48	100.0%	58	100.0%
Injection Drug Users (IDU)	***	***	***	***	14	24.1%
Heterosexual Exposure (HET)	9	100.0%	39	81.3%	44	75.9%
Other Exposures	***	***	***	***	0	0.0%
No Reported Exposure*	4		42		40	
TOTAL	13		90		98	

* Includes 3 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 12/31/2013 and Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases								
	No.	Recent CD4 Test Results						350-499	500+
		No. with Test	% with Test	Median Count	<200	200-349			
With Exposure	476	283	59.5%	537	9.9%	13.1%	21.2%	55.8%	
Men who have Sex with Men (MSM)	233	129	55.4%	550	7.8%	12.4%	20.2%	59.7%	
Injection Drug Users (IDU)	69	40	58.0%	430	20.0%	17.5%	32.5%	30.0%	
Men who have Sex with Men and Inject Drugs (MSM/IDU)	16	12	75.0%	507	16.7%	25.0%	8.3%	50.0%	
Heterosexual Exposure (HET)	156	100	64.1%	601	7.0%	11.0%	19.0%	63.0%	
Other Exposures	2	2	100.0%	235	50.0%	0.0%	50.0%	0.0%	
No Reported Exposure*	205	85	41.5%	568	8.2%	4.7%	23.5%	63.5%	
TOTAL	681	368	54.0%	546	9.5%	11.1%	21.7%	57.6%	

* Includes 3 cases with Presumed Female Heterosexual exposure

Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2013 and Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Results			Median Count
		No. with Test	% with Test	% Suppressed	
With Exposure	476	274	57.6%	81.8%	24,830
Men who have Sex with Men (MSM)	233	122	52.4%	82.0%	26,010
Injection Drug Users (IDU)	69	39	56.5%	71.8%	25,400
Men who have Sex with Men and Inject Drugs (MSM/IDU)	16	12	75.0%	91.7%	242,920
Heterosexual Exposure (HET)	156	99	63.5%	84.8%	5,010
Other Exposures	2	2	100.0%	50.0%	29,027
No Reported Exposure*	205	82	40.0%	87.8%	1,577
TOTAL	681	356	52.3%	83.1%	21,499

* Includes 3 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.

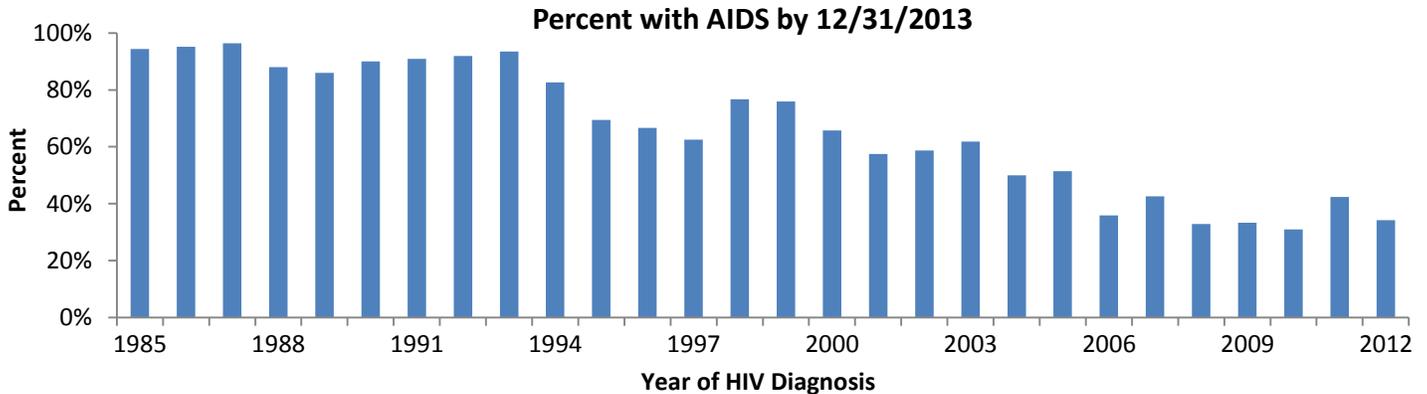
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

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, 1985-2012, Reported through 12/31/2014

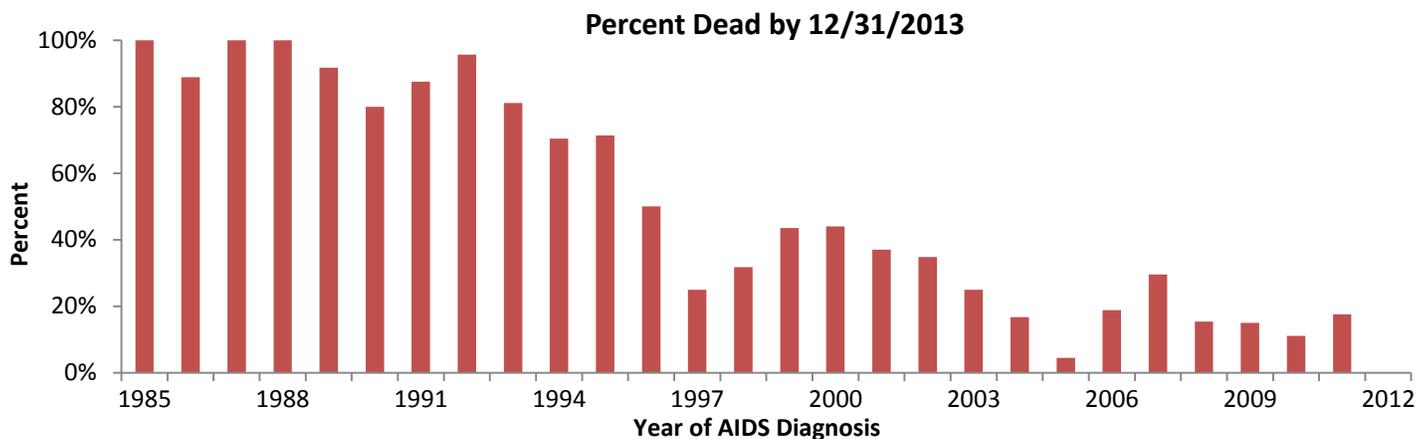
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/2012 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2013 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2013, 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 2012, as Reported by Name through 12/31/2014



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	9	9	100.0%	3.5	66.7%	66.7%	66.7%	77.8%
1985	18	17	94.4%	7.2	22.2%	27.8%	44.4%	66.7%
1986	21	20	95.2%	4.5	47.6%	52.4%	57.1%	81.0%
1987	28	27	96.4%	4.9	42.9%	46.4%	57.1%	78.6%
1988	25	22	88.0%	5.5	40.0%	44.0%	56.0%	60.0%
1989	43	37	86.0%	3.3	46.5%	51.2%	62.8%	76.7%
1990	30	27	90.0%	4.7	23.3%	36.7%	63.3%	76.7%
1991	44	40	90.9%	3.3	50.0%	56.8%	70.5%	77.3%
1992	37	34	91.9%	3.3	43.2%	54.1%	75.7%	81.1%
1993	46	43	93.5%	2.6	56.5%	65.2%	78.3%	84.8%
1994	23	19	82.6%	2.0	56.5%	69.6%	69.6%	78.3%
1995	36	25	69.4%	3.1	38.9%	41.7%	47.2%	66.7%
1996	36	24	66.7%	2.3	41.7%	44.4%	55.6%	63.9%
1997	32	20	62.5%	3.8	34.4%	37.5%	40.6%	56.3%
1998	30	23	76.7%	1.1	63.3%	66.7%	70.0%	73.3%
1999	29	22	75.9%	2.8	48.3%	48.3%	65.5%	65.5%
2000	35	23	65.7%	2.1	45.7%	45.7%	57.1%	60.0%
2001	40	23	57.5%	1.7	37.5%	40.0%	50.0%	57.5%
2002	46	27	58.7%	1.5	39.1%	39.1%	54.3%	58.7%
2003	34	21	61.8%	1.9	41.2%	47.1%	50.0%	58.8%
2004	32	16	50.0%	0.4	46.9%	46.9%	50.0%	--
2005	35	18	51.4%	0.4	42.9%	48.6%	51.4%	--
2006	39	14	35.9%	0.7	28.2%	33.3%	35.9%	--
2007	54	23	42.6%	0.5	38.9%	38.9%	42.6%	--
2008	70	23	32.9%	0.9	27.1%	28.6%	--	--
2009	33	11	33.3%	1.1	24.2%	24.2%	--	--
2010	42	13	31.0%	0.2	28.6%	28.6%	--	--
2011	33	14	42.4%	0.1	42.4%	42.4%	--	--
2012	38	13	34.2%	0.5	28.9%	--	--	--
TOTAL	1,018	648	63.7%	2.6	40.1%	43.7%	51.9%	58.2%

Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2012, Reported through 12/31/2014

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/2012 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2013 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2013, 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 2012, as Reported by Name through 12/31/2014

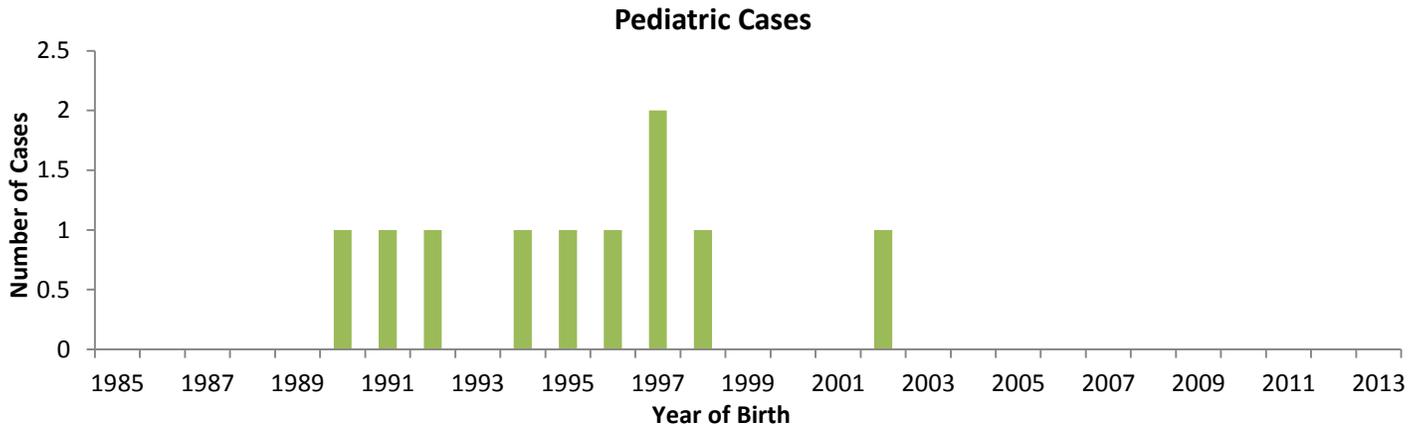


YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	6	6	100.0%	1.4	33.3%	16.7%	16.7%	0.0%
1985	3	3	100.0%	1.0	66.7%	0.0%	0.0%	0.0%
1986	9	8	88.9%	0.7	22.2%	11.1%	11.1%	11.1%
1987	13	13	100.0%	1.2	38.5%	23.1%	7.7%	0.0%
1988	13	13	100.0%	2.1	69.2%	23.1%	15.4%	0.0%
1989	24	22	91.7%	3.2	70.8%	45.8%	25.0%	12.5%
1990	5	4	80.0%	5.0	80.0%	60.0%	40.0%	40.0%
1991	32	28	87.5%	2.7	75.0%	53.1%	31.3%	18.8%
1992	23	22	95.7%	4.3	78.3%	60.9%	26.1%	21.7%
1993	37	30	81.1%	3.1	75.7%	59.5%	29.7%	24.3%
1994	27	19	70.4%	3.0	81.5%	44.4%	44.4%	37.0%
1995	35	25	71.4%	5.7	80.0%	71.4%	62.9%	45.7%
1996	22	11	50.0%	5.8	86.4%	86.4%	81.8%	59.1%
1997	16	4	25.0%	4.7	100.0%	93.8%	87.5%	75.0%
1998	22	7	31.8%	5.6	95.5%	95.5%	86.4%	68.2%
1999	23	10	43.5%	4.9	95.7%	87.0%	82.6%	56.5%
2000	25	11	44.0%	4.8	84.0%	84.0%	72.0%	68.0%
2001	27	10	37.0%	4.0	96.3%	92.6%	77.8%	63.0%
2002	23	8	34.8%	2.7	82.6%	82.6%	69.6%	65.2%
2003	28	7	25.0%	4.5	89.3%	89.3%	89.3%	75.0%
2004	18	3	16.7%	5.4	100.0%	100.0%	94.4%	--
2005	22	1	4.5%	0.2	95.5%	95.5%	95.5%	--
2006	16	3	18.8%	4.1	93.8%	93.8%	87.5%	--
2007	27	8	29.6%	3.7	92.6%	92.6%	85.2%	--
2008	26	4	15.4%	1.5	88.5%	88.5%	--	--
2009	20	3	15.0%	2.8	95.0%	95.0%	--	--
2010	18	2	11.1%	1.2	94.4%	88.9%	--	--
2011	17	3	17.6%	0.2	82.4%	82.4%	--	--
2012	13	0	0.0%	--	100.0%	--	--	--
TOTAL	590	288	48.8%	3.5	83.9%	74.7%	64.9%	55.1%

Section IX – Pediatric Cases

Figure 11 – Trends in Pediatric HIV Cases, 1985-2013, Reported through 12/31/2014

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 2013, as Reported by Name through 12/31/2014



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	3	0	0	0	
1985	0	1	0	0	1
1986	0	1	0	0	2
1987	0	0	0	0	2
1988	0	1	0	0	3
1989	0	0	1	0	3
1990	1	0	0	0	3
1991	1	1	1	1	4
1992	1	1	1	0	5
1993	0	1	1	0	6
1994	1	0	1	2	4
1995	1	1	0	0	5
1996	1	1	1	1	5
1997	2	2	1	0	6
1998	1	0	0	0	6
1999	0	0	0	0	6
2000	0	0	0	0	6
2001	0	0	0	0	6
2002	1	0	0	0	6
2003	0	0	0	0	6
2004	0	0	0	0	6
2005	0	0	1	0	5
2006	0	0	0	0	5
2007	0	1	0	0	6
2008	0	2	0	0	8
2009	0	0	0	0	8
2010	0	0	0	0	8
2011	0	0	0	0	8
2012	0	0	0	1	8
2013	0	0	0	0	9
TOTAL	13	13	8	5	

Table 24 – Pediatric Total Living HIV Cases, Alive on 12/31/2013, by Jurisdiction, Reported through 12/31/2014

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Pediatric Total Living HIV Cases	
	No.	% of Total
Allegany	1	11.1%
Frederick	6	66.7%
Garrett	0	0.0%
Washington	2	22.2%
TOTAL	9	100.0%

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

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

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

Table 25 – Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014

SEX AT BIRTH	Pediatric Total Living HIV Cases	
	No.	% of Total
Male	4	44.4%
Female	5	55.6%
TOTAL	9	100.0%

RACE/ETHNICITY	Pediatric Total Living HIV Cases	
	No.	% of Total
Hispanic	1	11.1%
Non-Hispanic	8	88.9%
American Indian/ Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	5	62.5%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	3	37.5%
Multiracial/Other	0	0.0%
TOTAL	9	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 7/1/2013.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2013.

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

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

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

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

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

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

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

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

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

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

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