

2012



Maryland Western Region Annual HIV Epidemiological Profile

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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
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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 is from the July 1, 2012 U.S. Census Estimate 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.

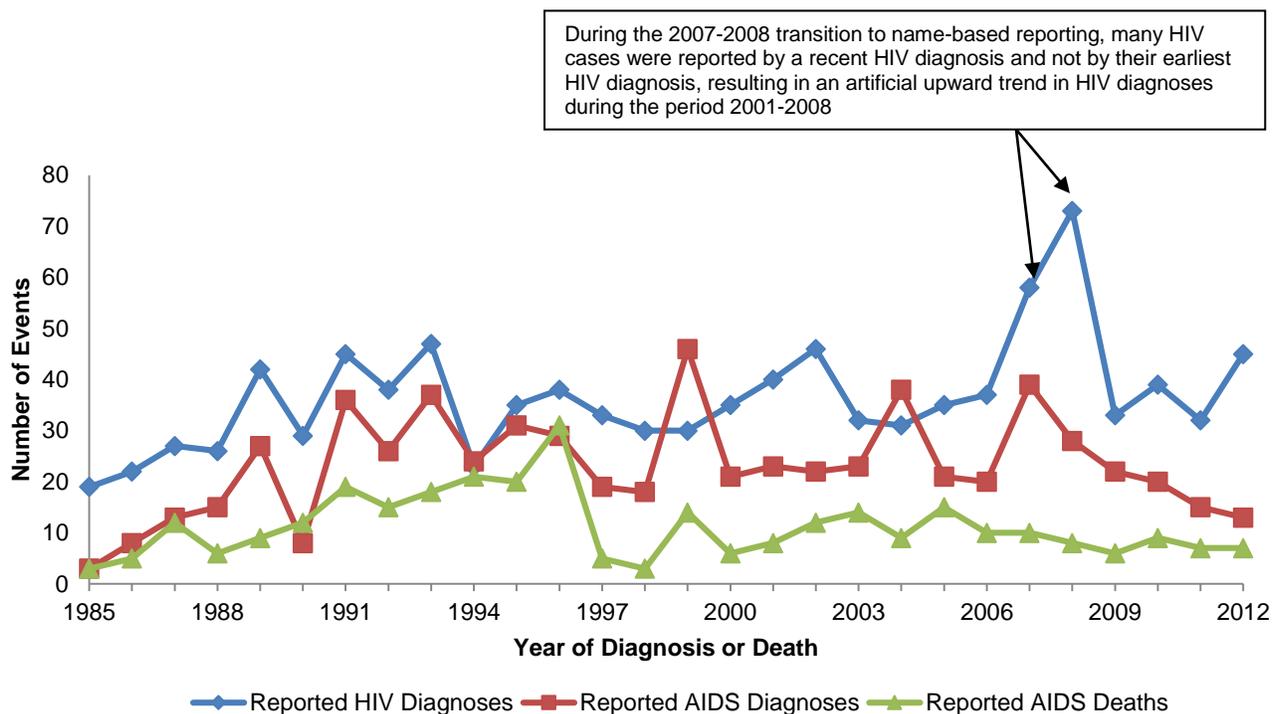
Heterosexual Exposure (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or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

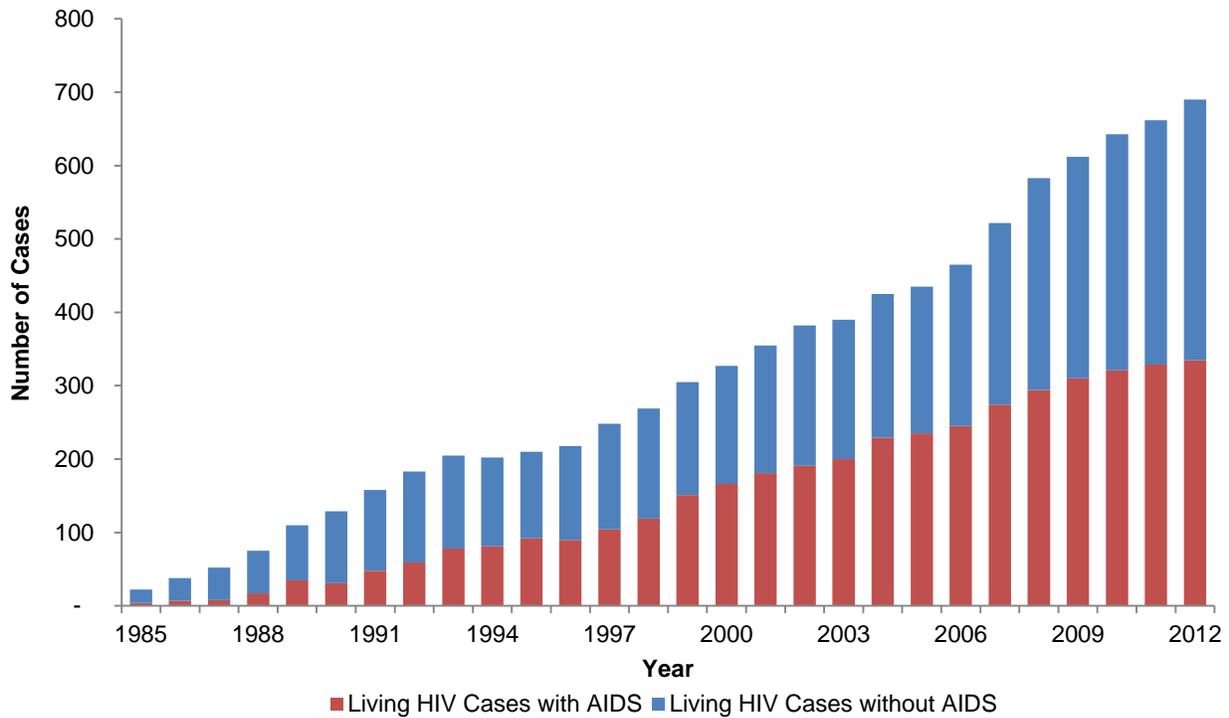
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnoses) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2012 as Reported through 12/31/2013



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	8	6	2	1999	30	46	14
1985	19	3	3	2000	35	21	6
1986	22	8	5	2001	40	23	8
1987	27	13	12	2002	46	22	12
1988	26	15	6	2003	32	23	14
1989	42	27	9	2004	31	38	9
1990	29	8	12	2005	35	21	15
1991	45	36	19	2006	37	20	10
1992	38	26	15	2007	58	39	10
1993	47	37	18	2008	73	28	8
1994	23	24	21	2009	33	22	6
1995	35	31	20	2010	39	20	9
1996	38	29	31	2011	32	15	7
1997	33	19	5	2012	45	13	7
1998	30	18	3	TOTAL	1,028	651	316

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

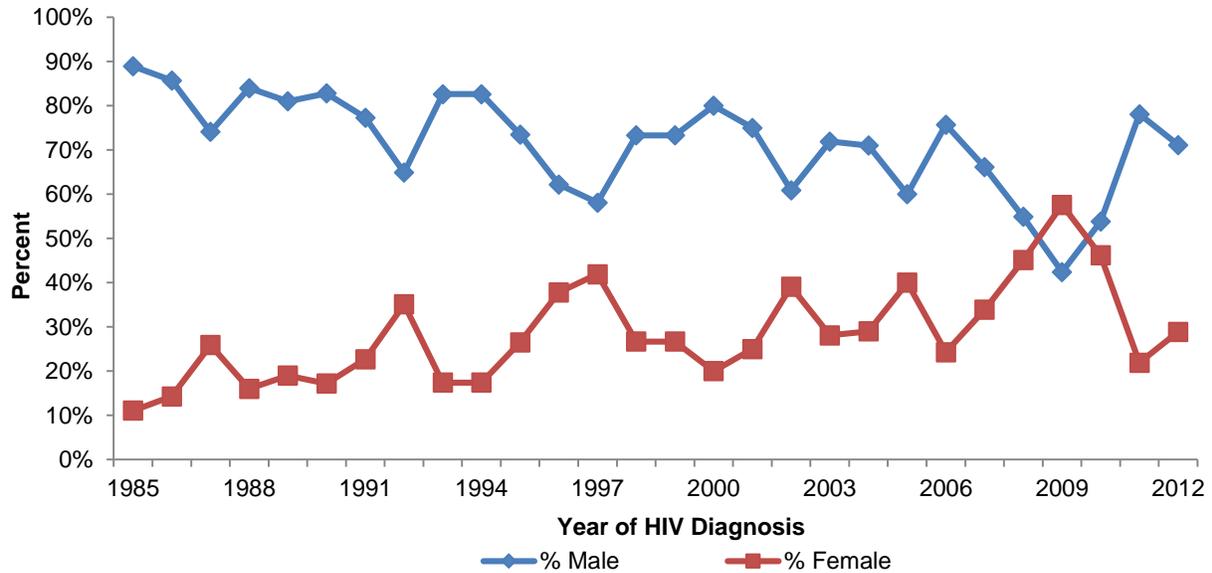
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2012, as Reported through 12/31/2013



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	18	4	22	1999	154	151	305
1986	31	7	38	2000	161	166	327
1987	44	8	52	2001	174	181	355
1988	58	17	75	2002	191	191	382
1989	75	35	110	2003	190	200	390
1990	98	31	129	2004	196	229	425
1991	110	48	158	2005	200	235	435
1992	124	59	183	2006	220	245	465
1993	127	78	205	2007	248	274	522
1994	121	81	202	2008	289	294	583
1995	118	92	210	2009	302	310	612
1996	128	90	218	2010	322	321	643
1997	144	104	248	2011	333	329	662
1998	150	119	269	2012	355	335	690

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

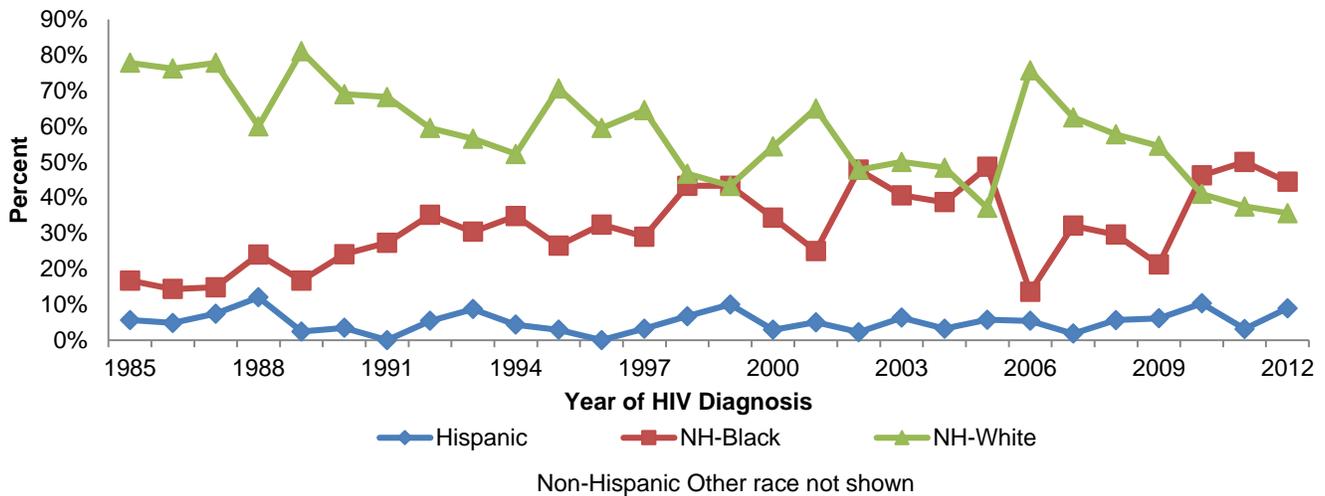
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



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	8	100.0%	0.0%	1999	30	73.3%	26.7%
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	27	74.1%	25.9%	2002	46	60.9%	39.1%
1988	25	84.0%	16.0%	2003	32	71.9%	28.1%
1989	42	81.0%	19.0%	2004	31	71.0%	29.0%
1990	29	82.8%	17.2%	2005	35	60.0%	40.0%
1991	44	77.3%	22.7%	2006	37	75.7%	24.3%
1992	37	64.9%	35.1%	2007	56	66.1%	33.9%
1993	46	82.6%	17.4%	2008	71	54.9%	45.1%
1994	23	82.6%	17.4%	2009	33	42.4%	57.6%
1995	34	73.5%	26.5%	2010	39	53.8%	46.2%
1996	37	62.2%	37.8%	2011	32	78.1%	21.9%
1997	31	58.1%	41.9%	2012	45	71.1%	28.9%
1998	30	73.3%	26.7%	TOTAL	1,014	70.4%	29.6%

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

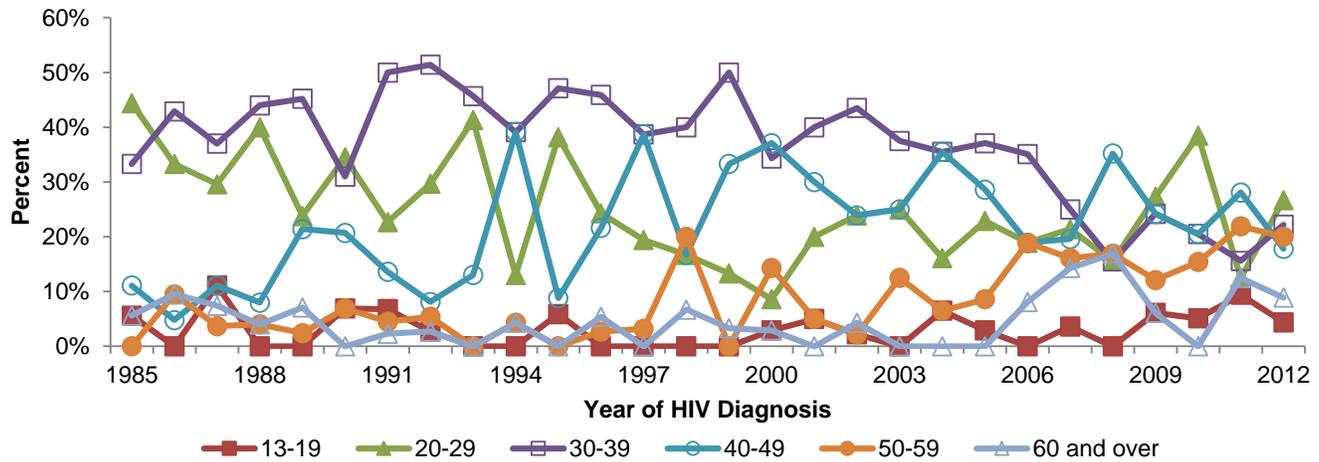
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	8	0.0%	37.5%	62.5%	0.0%
1985	18	5.6%	16.7%	77.8%	0.0%
1986	21	4.8%	14.3%	76.2%	4.8%
1987	27	7.4%	14.8%	77.8%	0.0%
1988	25	12.0%	24.0%	60.0%	4.0%
1989	42	2.4%	16.7%	81.0%	0.0%
1990	29	3.4%	24.1%	69.0%	3.4%
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	34	2.9%	26.5%	70.6%	0.0%
1996	37	0.0%	32.4%	59.5%	8.1%
1997	31	3.2%	29.0%	64.5%	3.2%
1998	30	6.7%	43.3%	46.7%	3.3%
1999	30	10.0%	43.3%	43.3%	3.3%
2000	35	2.9%	34.3%	54.3%	8.6%
2001	40	5.0%	25.0%	65.0%	5.0%
2002	46	2.2%	47.8%	47.8%	2.2%
2003	32	6.3%	40.6%	50.0%	3.1%
2004	31	3.2%	38.7%	48.4%	9.7%
2005	35	5.7%	48.6%	37.1%	8.6%
2006	37	5.4%	13.5%	75.7%	5.4%
2007	56	1.8%	32.1%	62.5%	3.6%
2008	71	5.6%	29.6%	57.7%	7.0%
2009	33	6.1%	21.2%	54.5%	18.2%
2010	39	10.3%	46.2%	41.0%	2.6%
2011	32	3.1%	50.0%	37.5%	9.4%
2012	45	8.9%	44.4%	35.6%	11.1%
TOTAL	1,014	4.9%	32.2%	57.7%	5.1%

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

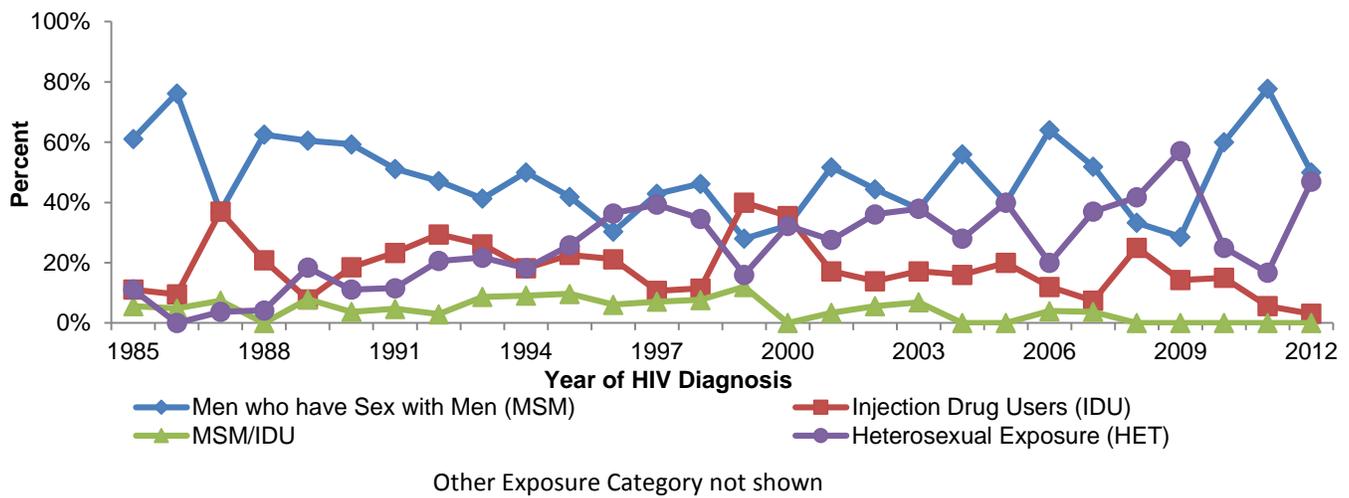
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



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	8	0.0%	25.0%	62.5%	12.5%	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	27	11.1%	29.6%	37.0%	11.1%	3.7%	7.4%
1988	25	0.0%	40.0%	44.0%	8.0%	4.0%	4.0%
1989	42	0.0%	23.8%	45.2%	21.4%	2.4%	7.1%
1990	29	6.9%	34.5%	31.0%	20.7%	6.9%	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	34	5.9%	38.2%	47.1%	8.8%	0.0%	0.0%
1996	37	0.0%	24.3%	45.9%	21.6%	2.7%	5.4%
1997	31	0.0%	19.4%	38.7%	38.7%	3.2%	0.0%
1998	30	0.0%	16.7%	40.0%	16.7%	20.0%	6.7%
1999	30	0.0%	13.3%	50.0%	33.3%	0.0%	3.3%
2000	35	2.9%	8.6%	34.3%	37.1%	14.3%	2.9%
2001	40	5.0%	20.0%	40.0%	30.0%	5.0%	0.0%
2002	46	2.2%	23.9%	43.5%	23.9%	2.2%	4.3%
2003	32	0.0%	25.0%	37.5%	25.0%	12.5%	0.0%
2004	31	6.5%	16.1%	35.5%	35.5%	6.5%	0.0%
2005	35	2.9%	22.9%	37.1%	28.6%	8.6%	0.0%
2006	37	0.0%	18.9%	35.1%	18.9%	18.9%	8.1%
2007	56	3.6%	21.4%	25.0%	19.6%	16.1%	14.3%
2008	71	0.0%	15.5%	15.5%	35.2%	16.9%	16.9%
2009	33	6.1%	27.3%	24.2%	24.2%	12.1%	6.1%
2010	39	5.1%	38.5%	20.5%	20.5%	15.4%	0.0%
2011	32	9.4%	12.5%	15.6%	28.1%	21.9%	12.5%
2012	45	4.4%	26.7%	22.2%	17.8%	20.0%	8.9%
TOTAL	1,014	3.0%	24.5%	36.0%	22.4%	9.0%	5.2%

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					% Other Exposure
		No.	% MSM	% IDU	% MSM/IDU	% HET	
<1985	8	7	85.7%	14.3%	0.0%	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	27	27	37.0%	37.0%	7.4%	3.7%	14.8%
1988	25	24	62.5%	20.8%	0.0%	4.2%	12.5%
1989	42	38	60.5%	7.9%	7.9%	18.4%	5.3%
1990	29	27	59.3%	18.5%	3.7%	11.1%	7.4%
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	34	31	41.9%	22.6%	9.7%	25.8%	0.0%
1996	37	33	30.3%	21.2%	6.1%	36.4%	6.1%
1997	31	28	42.9%	10.7%	7.1%	39.3%	0.0%
1998	30	26	46.2%	11.5%	7.7%	34.6%	0.0%
1999	30	25	28.0%	40.0%	12.0%	16.0%	4.0%
2000	35	31	32.3%	35.5%	0.0%	32.3%	0.0%
2001	40	29	51.7%	17.2%	3.4%	27.6%	0.0%
2002	46	36	44.4%	13.9%	5.6%	36.1%	0.0%
2003	32	29	37.9%	17.2%	6.9%	37.9%	0.0%
2004	31	25	56.0%	16.0%	0.0%	28.0%	0.0%
2005	35	20	40.0%	20.0%	0.0%	40.0%	0.0%
2006	37	25	64.0%	12.0%	4.0%	20.0%	0.0%
2007	56	27	51.9%	7.4%	3.7%	37.0%	0.0%
2008	71	24	33.3%	25.0%	0.0%	41.7%	0.0%
2009	33	14	28.6%	14.3%	0.0%	57.1%	0.0%
2010	39	20	60.0%	15.0%	0.0%	25.0%	0.0%
2011	32	18	77.8%	5.6%	0.0%	16.7%	0.0%
2012	45	32	50.0%	3.1%	0.0%	46.9%	0.0%
TOTAL	1,014	780	48.3%	18.7%	4.6%	25.3%	3.1%

Section III – Adult/Adolescent Cases by Jurisdiction

Table 1 – Adult/Adolescent HIV Diagnoses during 2011, 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
Allegany	64,786	4	8.9%	6.2	***	***	***	***	***	***	***
Frederick	198,694	24	53.3%	12.1	23	91.7%	8	33.3%	23	95.8%	393
Garrett	25,615	1	2.2%	3.9	***	***	***	***	***	***	***
Washington	125,490	16	35.6%	12.7	15	87.5%	8	50.0%	15	93.8%	255
TOTAL	414,586	45	100.0%	10.9	42	88.9%	16	35.6%	42	93.3%	407

*** 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
Allegany	64,786	0	0.0%	0.0	--	0.0%
Frederick	198,694	7	53.8%	3.5	1.7	57.1%
Garrett	25,615	0	0.0%	0.0	--	0.0%
Washington	125,490	6	46.2%	4.8	0.0	100.0%
TOTAL	414,586	13	100.0%	3.1	1.0	76.9%

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

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

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

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

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 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	64,786	38	10.9%	58.7	35	10.6%	54.0	73	10.8%	112.7	887
Frederick	198,694	143	41.1%	72.0	155	47.0%	78.0	298	44.0%	150.0	666
Garrett	25,615	3	0.9%	11.7	6	1.8%	23.4	9	1.3%	35.1	2,846
Washington	125,490	164	47.1%	130.7	134	40.6%	106.8	298	44.0%	237.5	421
TOTAL	414,586	348	100.0%	83.9	330	100.0%	79.6	678	100.0%	163.5	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 7/1/2012.

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 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	73	***	***	***	***	***	***	***	
Frederick	298	170	57.0%	522	11.2%	16.5%	16.5%	55.9%	
Garrett	9	***	***	***	***	***	***	***	
Washington	298	140	47.0%	509	12.1%	13.6%	22.9%	51.4%	
TOTAL	678	365	53.8%	528	11.2%	14.2%	18.6%	55.9%	

*** 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 12/31/2012, by Jurisdiction, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Allegany	73	***	***	***	***
Frederick	298	158	53.0%	78.5%	18,189
Garrett	9	***	***	***	***
Washington	298	138	46.3%	76.1%	5,441
TOTAL	678	347	51.2%	76.4%	9,530

*** 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.

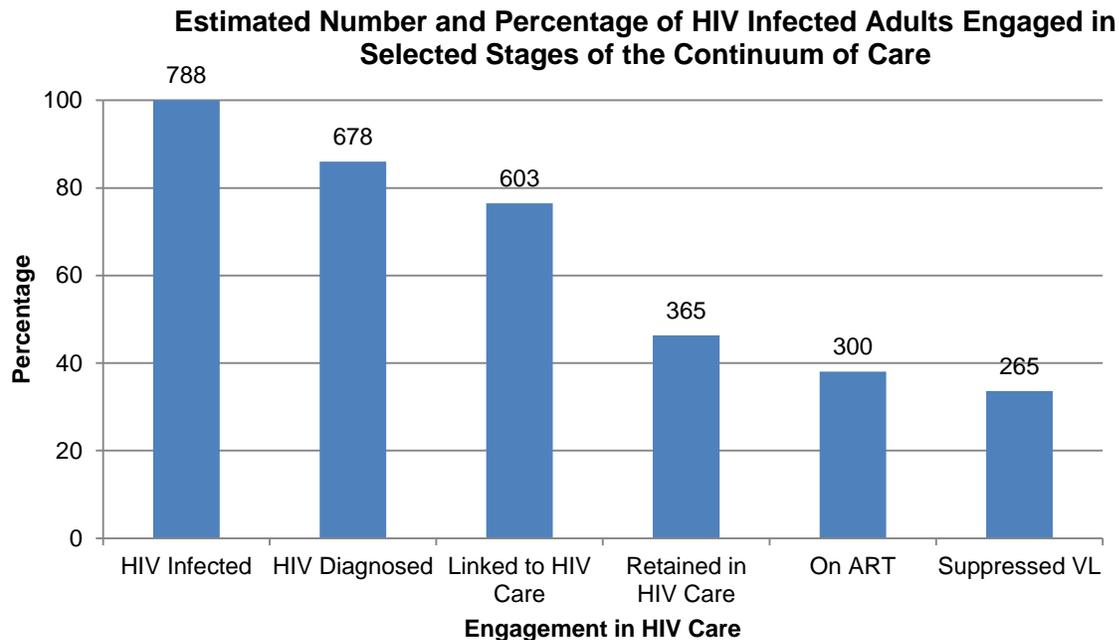
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

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 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	788	100.0%
HIV Diagnosed	678	86.0%
Linked to HIV Care	603	76.5%
Retained in HIV Care	365	46.3%
On ART	300	38.1%
Suppressed VL	265	33.6%

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)	178,036	0	--	0.0	0	0.0%	0	0.0%	0	0.0%	--
5-12 (Pediatric)	285,963	0	--	0.0	0	0.0%	0	0.0%	0	0.0%	--
13-19	265,438	2	4.4%	0.8	***	***	***	***	***	***	***
20-29	386,533	12	26.7%	3.1	12	100.0%	***	***	12	100.0%	502
30-39	370,165	10	22.2%	2.7	10	100.0%	6	60.0%	9	90.0%	142
40-49	414,280	8	17.8%	1.9	6	75.0%	***	***	8	100.0%	430
50-59	409,372	9	20.0%	2.2	6	66.7%	***	***	7	77.8%	255
60+	538,826	4	8.9%	0.7	***	***	***	***	***	***	***
TOTAL	2,848,613	45	100.0%	1.6	40	88.9%	16	35.6%	42	93.3%	407

*** 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)	178,036	0	0.0%	--	--	--
5-12 (Pediatric)	285,963	0	0.0%	--	--	--
13-19	265,438	0	0.0%	--	--	--
20-29	386,533	1	7.7%	0.3	***	***
30-39	370,165	4	30.8%	1.1	***	***
40-49	414,280	2	15.4%	0.5	***	***
50-59	409,372	4	30.8%	1.0	***	***
60+	538,826	2	15.4%	0.4	***	***
TOTAL	2,848,613	13	100.0%	0.5	1	76.9%

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	178,036	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0
5-12	285,963	2	0.6%	0.7	0	0.0%	0.0	2	0.3%	0.7	142,981
13-19	265,438	8	2.3%	3.0	0	0.0%	0.0	8	1.2%	3.0	33,179
20-29	386,533	46	13.0%	11.9	10	3.0%	2.6	56	8.1%	14.5	6,902
30-39	370,165	83	23.4%	22.4	45	13.4%	12.2	128	18.6%	34.6	2,891
40-49	414,280	100	28.2%	24.1	131	39.1%	31.6	231	33.5%	55.8	1,793
50-59	409,372	82	23.1%	20.0	109	32.5%	26.6	191	27.7%	46.7	2,143
60+	538,826	34	9.6%	6.3	40	11.9%	7.4	74	10.7%	13.7	7,281
TOTAL	2,848,613	355	100.0%	12.5	335	100.0%	11.8	690	100.0%	24.2	4,128

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	3	***	***	***	***	***	***	***
20-29	52	***	***	***	***	***	***	***
30-39	127	68	53.5%	525	14.7%	14.7%	14.7%	55.9%
40-49	231	126	54.5%	551	12.7%	14.3%	14.3%	58.7%
50-59	191	102	53.4%	468	12.7%	13.7%	28.4%	45.1%
60+	74	37	50.0%	580	5.4%	16.2%	13.5%	64.9%
TOTAL	678	365	53.8%	528	11.2%	14.2%	18.6%	55.9%

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	3	***	***	***	***
20-29	52	***	***	***	***
30-39	127	68	53.5%	70.6%	29,867
40-49	231	115	49.8%	79.1%	12,219
50-59	191	98	51.3%	81.6%	4,138
60+	74	34	45.9%	88.2%	2,709
TOTAL	678	347	51.2%	76.4%	9,530

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							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	207,514	32	71.1%	15.4	28	87.5%	12	37.5%	30
Female	207,072	13	28.9%	6.3	12	92.3%	4	30.8%	12	92.3%	501
TOTAL	414,586	45	100.0%	10.9	40	88.9%	16	35.6%	42	93.3%	407

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	19,076	4	8.9%	21.0	3	75.0%	4	100	4
Non-Hispanic	395,509	41	91.1%	10.4	37	90.2%	12	29.3%	38	92.7%	461
American Indian/Alaska Native, only	776	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
Asian, only	10,266	2	4.9%	19.5	***	***	***	***	***	***	***
Black, only	34,949	20	48.8%	57.2	19	95.0%	8	40.0%	20	100.0%	267
Native Hawaiian/Other Pacific Islander, only	180	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
White only	343,770	16	39.0%	4.7	14	87.5%	1	6.3%	14	87.5%	517
Multiracial/Other	5,568	3	7.3%	53.9	***	***	***	***	***	***	***
TOTAL	414,586	45	100.0%	10.9	40	88.9%	16	35.6%	42	93.3%	407

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	373,072	33	73.3%	8.8	29	87.9%	11	33.3%	31
Foreign-born	30,113	5	11.1%	16.6	5	100.0%	***	***	5	100.0%	211
Africa	--	1	20.0%	--	***	***	***	***	***	***	***
Asia	--	2	40.0%	--	***	***	***	***	***	***	***
Caribbean	--	2	40.0%	--	***	***	***	***	***	***	***
Central America	--	0	0.0%	--	***	0.0%	***	0.0%	0	0.0%	--
Other	--	0	0.0%	--	***	0.0%	***	0.0%	0	0.0%	--
Unknown	--	7	15.6%	--	6	85.7%	***	***	6	85.7%	431
TOTAL	403,185	45	100.0%	11.2	40	88.9%	16	35.6%	42	93.3%	407

* 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 to 13 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	207,514	8	61.5%	3.9	0.9	87.5%
Female	207,072	5	38.5%	2.4	1.1	60.0%
TOTAL	414,586	13	100.0%	3.1	1.0	76.9%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	19,076	4	30.8%	21.0	1.8	75.0%
Non-Hispanic	395,509	9	69.2%	2.3	0.6	77.8%
American Indian/Alaska Native, only	776	0	0.0%	0.0	--	--
Asian, only	10,266	1	11.1%	9.7	***	***
Black, only	34,949	6	66.7%	17.2	0.4	83.3%
Native Hawaiian/Other Pacific Islander, only	180	0	0.0%	0.0	--	--
White only	343,770	2	22.2%	0.6	***	***
Multiracial/Other	5,568	0	0.0%	0.0	--	--
TOTAL	414,586	13	100.0%	3.1	1.0	76.9%

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	373,072	9	69.2%	2.4	0.4	88.9%
Foreign-born	30,113	3	23.1%	10.0	***	***
Africa	--	1	33.3%	--	***	***
Asia	--	0	0.0%	--	***	***
Caribbean	--	1	33.3%	--	***	***
Central America	--	1	33.3%	--	***	***
Other	--	0	0.0%	--	***	***
Unknown	--	1	7.7%	--	***	***
TOTAL	403,185	13	100.0%	3.2	1.0	76.9%

* 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 to 13 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	207,514	224	64.4%	107.9	224	67.9%	107.9	448	66.1%	215.9	463
Female	207,072	124	35.6%	59.9	106	32.1%	51.2	230	33.9%	111.1	900
TOTAL	414,586	348	100.0%	83.9	330	100.0%	79.6	678	100.0%	163.5	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	19,076	17	4.9%	89.1	24	7.3%	125.8	41	6.0%	214.9	465
Non-Hispanic	395,509	331	95.1%	83.7	306	92.7%	77.4	637	94.0%	161.1	620
American Indian/Alaska Native, only	776	***	***	***	0	0.0%	0.0	***	***	***	***
Asian, only	10,266	1	0.3%	9.7	5	1.6%	48.7	6	0.9%	58.4	1711
Black, only	34,949	106	32.0%	303.3	163	53.3%	466.4	269	42.2%	769.7	129
Native Hawaiian/Other Pacific Islander, only	180	***	***	***	0	0.0%	0.0	***	***	***	***
White only	343,770	203	61.3%	59.1	123	40.2%	35.8	326	51.2%	94.8	1,054
Multiracial/ Other	5,568	19	5.7%	341.2	15	4.9%	269.4	34	5.3%	610.6	163
TOTAL	414,586	348	100.0%	83.9	330	100.0%	79.6	678	100.0%	163.5	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	373,072	304	87.4%	81.5	291	88.2%	78.0	595	87.8%	159.5	627
Foreign-born	30,113	17	4.9%	56.5	35	10.6%	116.2	52	7.7%	172.7	579
Africa	--	7	41.2%	--	14	40.0%	--	21	40.4%	--	--
Asia	--	***	***	--	***	***	--	6	11.5%	--	--
Caribbean	--	0	0.0%	--	5	14.3%	--	5	9.6%	--	--
Central America	--	***	***	--	8	22.9%	--	12	23.1%	--	--
Other	--	***	***	--	6	17.1%	--	8	15.4%	--	--
Unknown	--	27	7.8%	--	4	1.2%	--	31	4.6%	--	--
TOTAL	403,185	348	100.0%	86.3	330	100.0%	81.8	678	100.0%	168.2	594

* 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 to 13 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						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
Male	448	229	51.1%	501	12.7%	15.3%	21.4%	50.7%
Female	230	136	59.1%	579	8.8%	12.5%	14.0%	64.7%
TOTAL	678	365	53.8%	528	11.2%	14.2%	18.6%	55.9%

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
Hispanic	41	22	53.7%	367	31.8%	13.6%	22.7%	31.8%
Non-Hispanic	637	343	53.8%	533	9.9%	14.3%	18.4%	57.4%
American Indian/Alaska Native, only	1	***	***	***	***	***	***	***
Asian, only	6	***	***	***	***	***	***	***
Black, only	269	156	58.0%	497	12.2%	19.2%	18.6%	50.0%
Native Hawaiian/Other Pacific Islander, only	1	***	***	***	***	***	***	***
White only	326	158	48.5%	615	6.3%	9.5%	16.5%	67.7%
Multiracial/Other	34	25	73.5%	467	20.0%	16.0%	24.0%	40.0%
TOTAL	678	365	53.8%	528	11.2%	14.2%	18.6%	55.9%

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
United States	595	319	53.6%	526	10.7%	15.0%	18.5%	55.8%
Foreign-born	52	29	55.8%	548	20.7%	3.4%	20.7%	55.2%
Africa	21	13	61.9%	612	7.7%	7.7%	15.4%	69.2%
Asia	6	5	83.3%	711	0.0%	0.0%	20.0%	80.0%
Caribbean	5	***	***	***	***	***	***	***
Central America	12	***	***	***	***	***	***	***
Other	8	***	***	***	***	***	***	***
Unknown	31	17	54.8%	533	5.9%	17.6%	17.6%	58.8%
TOTAL	678	365	53.8%	528	11.2%	14.2%	18.6%	55.9%

*** 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	448	215	48.0%	74.9%	19,865
Female	230	132	57.4%	78.8%	3,775
TOTAL	678	347	51.2%	76.4%	9,530

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	41	19	46.3%	63.2%	16,534
Non-Hispanic	637	328	51.5%	77.1%	9,400
American Indian/Alaska Native, only	1	***	***	***	--
Asian, only	6	***	***	***	***
Black, only	269	144	53.5%	73.6%	6,601
Native Hawaiian/Other Pacific Islander, only	1	***	***	***	--
White only	326	156	47.9%	80.8%	17,316
Multiracial/Other	34	25	73.5%	76.0%	18,451
TOTAL	678	347	51.2%	76.4%	9,530

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	595	303	50.9%	77.2%	9,660
Foreign-born	52	27	51.9%	77.8%	17,311
Africa	21	12	57.1%	91.7%	1,210
Asia	6	***	***	***	***
Caribbean	5	***	***	***	***
Central America	12	***	***	***	***
Other	8	***	***	***	***
Unknown	31	17	54.8%	58.8%	4,490
TOTAL	678	347	51.2%	76.4%	9,530

*** 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.

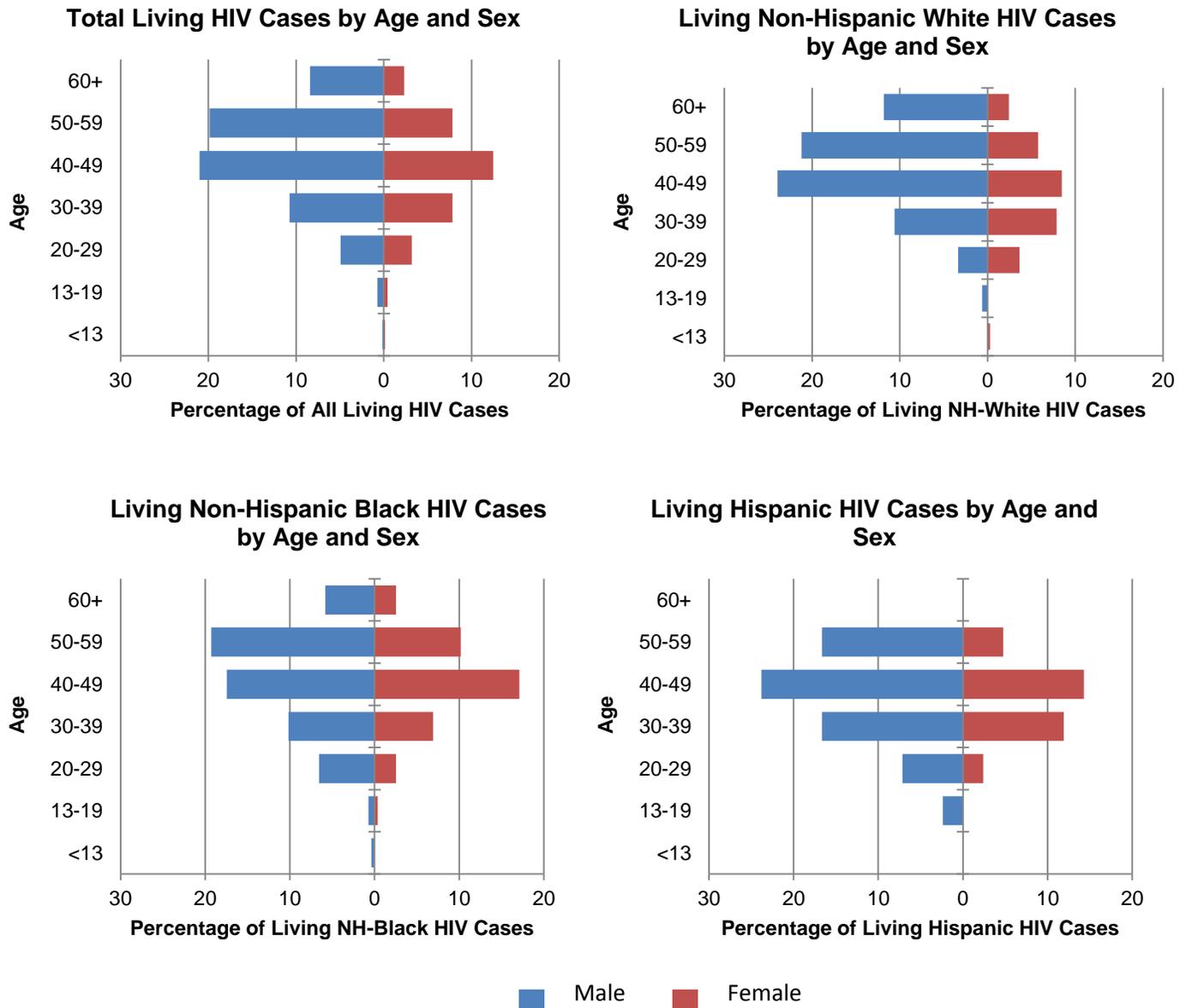
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

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				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	3,421	3,586	29,407	3,634	40,048
	Cases	0	1	0	0	1
	Rate	0.0	27.9	0.0	0.0	2.5
	Ratio (1 in X)	--	3,586	--	--	40,048
13-19	Population	1,689	2,574	18,379	1,527	24,169
	Cases	1	2	2	0	5
	Rate	59.2	77.7	10.9	0.0	20.7
	Ratio (1 in X)	1,689	1,287	9,189	--	4,833
20-29	Population	2,446	5,177	24,189	1,339	33,151
	Cases	3	18	11	2	34
	Rate	122.6	347.7	45.5	149.4	102.6
	Ratio (1 in X)	815	287	2,199	669	975
30-39	Population	2,600	4,741	22,316	1,543	31,200
	Cases	7	28	35	4	74
	Rate	269.2	590.6	156.8	259.2	237.2
	Ratio (1 in X)	371	169	637	385	421
40-49	Population	1,887	4,565	30,222	1,472	38,146
	Cases	10	48	79	8	145
	Rate	529.9	1,051.5	261.4	543.5	380.1
	Ratio (1 in X)	188	95	382	184	263
50-59	Population	911	2,785	31,527	1,039	36,262
	Cases	***	53	70	***	137
	Rate	***	1,903.1	222.0	***	377.8
	Ratio (1 in X)	***	52	450	***	264
60+	Population	598	1,718	41,318	952	44,586
	Cases	***	16	39	***	58
	Rate	***	931.3	94.4	***	130.1
	Ratio (1 in X)	***	107	1,059	***	768
TOTAL MALES BY RACE/ETHNICITY	Population	13,552	25,146	197,358	11,506	247,562
	Cases	28	166	236	24	454
	Rate	206.6	660.1	119.6	208.6	183.4
	Ratio (1 in X)	484	151	836	479	545

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				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	3,277	3,441	27,707	3,569	37,994
	Cases	0	0	1	0	1
	Rate	0.0	0.0	3.6	0.0	2.6
	Ratio (1 in X)	--	--	27,707	--	37,994
13-19	Population	1,506	2,157	17,026	1,554	22,243
	Cases	0	1	0	2	3
	Rate	0.0	46.4	0.0	128.7	13.5
	Ratio (1 in X)	--	2,157	--	776	7,414
20-29	Population	1,898	2,511	23,367	1,626	29,402
	Cases	***	7	12	***	22
	Rate	***	278.8	51.4	***	74.8
	Ratio (1 in X)	***	358	1,947	***	1,336
30-39	Population	2,144	2,264	22,298	1,823	28,529
	Cases	5	19	26	4	54
	Rate	233.2	839.2	116.6	219.4	189.3
	Ratio (1 in X)	428	119	857	455	528
40-49	Population	1,696	2,552	30,919	1,653	36,820
	Cases	6	47	28	5	86
	Rate	353.8	1,841.7	90.6	302.5	233.6
	Ratio (1 in X)	282	54	1,104	330	428
50-59	Population	895	1,993	31,957	1,156	36,001
	Cases	***	28	19	***	54
	Rate	***	1,404.9	59.5	***	150.0
	Ratio (1 in X)	***	71	1,681	***	666
60+	Population	806	1,912	50,252	1,107	54,077
	Cases	0	7	8	1	16
	Rate	0.0	366.1	15.9	90.3	29.6
	Ratio (1 in X)	--	273	6,281	1,107	3,379
TOTAL FEMALES BY RACE/ETHNICITY	Population	12,222	16,830	203,526	12,488	245,066
	Cases	14	109	94	19	236
	Rate	114.5	647.7	46.2	152.1	96.3
	Ratio (1 in X)	873	154	2,165	657	1,038

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. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	32	100.0%	29	90.6%	12	37.5%	100.0%	437
Men who have Sex with Men (MSM)	16	50.0%	13	81.3%	5	31.3%	100.0%	407
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	0	0.0%	0	0.0%	0.0%	--
Heterosexual Exposure (HET)	***	***	***	***	***	***	***	***
Other Exposure	0	0.0%	0	0.0%	0	0.0%	0.0%	--
No Reported Exposure	13		11	84.6%	4	30.8%	76.9%	325
TOTAL	45		40	88.9%	16	35.6%	93.3%	407

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	21	100.0%	18	85.7%	8	38.1%	100.0%	394
Men who have Sex with Men (MSM)	16	76.2%	13	81.3%	5	31.3%	100.0%	407
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	0	0.0%	0	0.0%	0.0%	--
Heterosexual Exposure (HET)	***	***	***	***	***	***	***	***
Other Exposure	0	0.0%	0	0.0%	0	0.0%	0.0%	--
No Reported Exposure	11		10	90.9%	4	36.4%	81.8%	393
TOTAL	32		28	87.5%	12	37.5%	93.8%	394

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	11	100.0%	11	100.0%	4	36.4%	100.0%	503
Injection Drug Users (IDU)	0	0.0%	0	0.0%	0	0.0%	0.0%	--
Heterosexual Exposure (HET)	***	***	***	***	***	***	***	***
Other Exposure	0	0.0%	0	0.0%	0	0.0%	0.0%	--
No Reported Exposure	***		***	***	***	***	***	***
TOTAL	13		12	92.3%	4	30.8%	92.3%	501

*** 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	8	100.0%	0.9	87.5%
Men who have Sex with Men (MSM)	***	***	***	***
Injection Drug Users (IDU)	0	0.0%		0.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%		0.0%
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	0	0.0%		0.0%
No Reported Exposure	5		1	60.0%
TOTAL	13		1	76.9%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	5	100.0%	1.4	80.0%
Men who have Sex with Men (MSM)	***	***	***	***
Injection Drug Users (IDU)	0	0.0%	--	0.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	--	0.0%
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure	***		***	***
TOTAL	8		0.9	87.5%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	***	***	***	***
Injection Drug Users (IDU)	0	0.0%		0.0%
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	0	0.0%		0.0%
No Reported Exposure	***		***	***
TOTAL	5		1.1	60.0%

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 12/31/2012 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	213	100.0%	263	100.0%	476	100.0%
Men who have Sex with Men (MSM)	118	55.4%	94	35.7%	212	44.5%
Injection Drug Users (IDU)	27	12.7%	57	21.7%	84	17.6%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	3	1.4%	16	6.1%	19	4.0%
Heterosexual Exposure (HET)	65	30.5%	95	36.1%	160	33.6%
Other Exposures	0	0.0%	1	0.4%	1	0.2%
No Reported Exposure	135		67		202	
TOTAL	348		330		678	

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	149	100.0%	182	100.0%	331	100.0%
Men who have Sex with Men (MSM)	118	79.2%	94	51.6%	212	64.0%
Injection Drug Users (IDU)	10	6.7%	40	22.0%	50	15.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	3	2.0%	16	8.8%	19	5.7%
Heterosexual Exposure (HET)	18	12.1%	32	17.6%	50	15.1%
Other Exposures	0	0.0%	0	0.0%	0	0.0%
No Reported Exposure	75		42		117	
TOTAL	224		224		448	

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	64	100.0%	81	100.0%	145	100.0%
Injection Drug Users (IDU)	17	26.6%	17	21.0%	34	23.4%
Heterosexual Exposure (HET)	47	73.4%	63	77.8%	110	75.9%
Other Exposures	0	0.0%	1	1.2%	1	0.7%
No Reported Exposure	60		25		85	
TOTAL	124		106		230	

* Includes 124 HIV cases without AIDS and 82 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	29	100.0%	191	100.0%	224	100.0%
Men who have Sex with Men (MSM)	***	***	62	32.5%	129	57.6%
Injection Drug Users (IDU)	***	***	44	23.0%	29	12.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	10	5.2%	9	4.0%
Heterosexual Exposure (HET)	19	65.5%	75	39.3%	57	25.4%
Other Exposures	0	0.0%	0	0.0%	0	0.0%
No Reported Exposure	12		78		102	
TOTAL	41		269		326	

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	18	100.0%	125	100.0%	172	100.0%
Men who have Sex with Men (MSM)	***	***	62	49.6%	129	75.0%
Injection Drug Users (IDU)	***	***	30	24.0%	16	9.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	10	8.0%	9	5.2%
Heterosexual Exposure (HET)	8	44.4%	23	18.4%	18	10.5%
Other Exposures	0	0.0%	0	0.0%	0	0.0%
No Reported Exposure	9		37		63	
TOTAL	27		162		235	

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	11	100.0%	69	100.0%	52	100.0%
Injection Drug Users (IDU)	0	0.0%	14	20.3%	13	25.0%
Heterosexual Exposure (HET)	11	100.0%	52	75.4%	39	75.0%
Other Exposures	0	0.0%	0	0.0%	0	0.0%
No Reported Exposure	0		3		0	
TOTAL	14		107		91	

* Includes 10 Hispanic cases, 179 non-Hispanic black cases, and 13 non-Hispanic white cases with Presumed Female Heterosexual exposure.

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

Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2012 and Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
With Exposure	476	279	58.6%	507	12.2%	14.7%	20.4%	52.7%
Men who have Sex with Men (MSM)	212	112	52.8%	515	12.5%	12.5%	17.9%	57.1%
Injection Drug Users (IDU)	84	50	59.5%	404	14.0%	26.0%	32.0%	28.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	160	103	64.4%	578	9.7%	10.7%	18.4%	61.2%
Other Exposures	***	***	***	***	***	***	***	***
No Reported Exposure	202	86	42.6%	583	8.1%	12.8%	12.8%	66.3%
TOTAL	678	365	53.8%	528	11.2%	14.2%	18.6%	55.9%

* Includes 206 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			Median Count
		No. with Test	% with Test	% Suppressed	
With Exposure	476	267	56.1%	76.4%	9,213
Men who have Sex with Men (MSM)	212	106	50.0%	77.4%	17,316
Injection Drug Users (IDU)	84	45	53.6%	73.3%	8,191
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***
Heterosexual Exposure (HET)	160	103	64.4%	76.7%	3,678
Other Exposures	***	***	***	***	--
No Reported Exposure	202	80	39.6%	76.3%	40,130
TOTAL	678	347	51.2%	76.4%	9,530

* Includes 206 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.

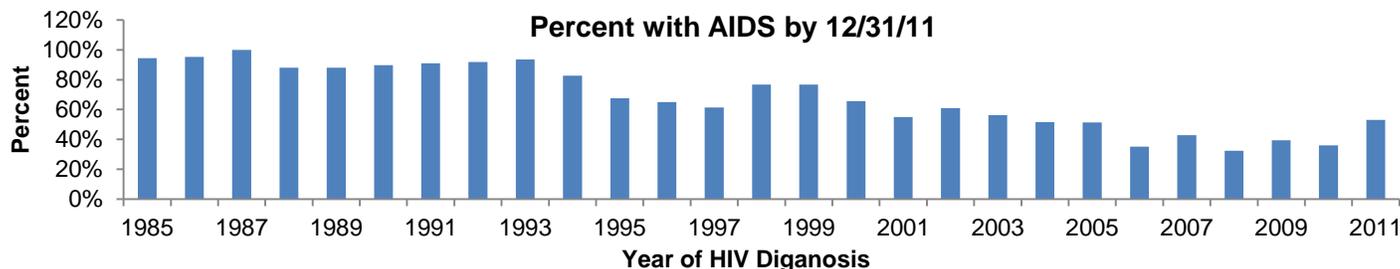
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

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

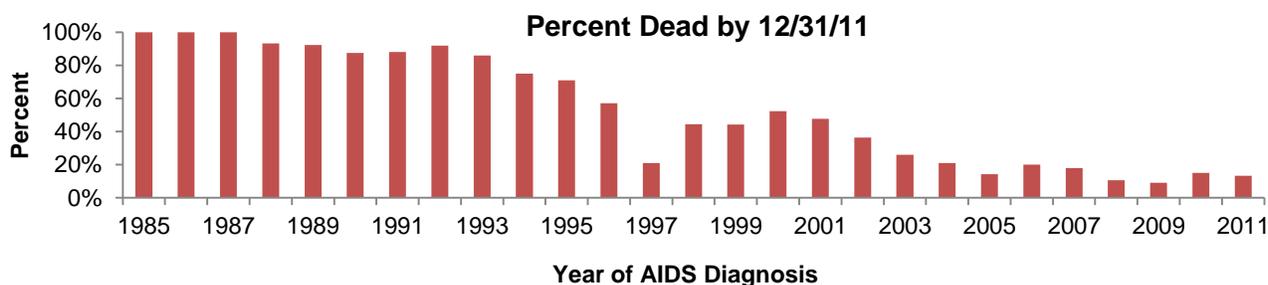
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/11 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2012 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis 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	8	8	100.0%	3.9	62.5%	62.5%	62.5%	75.0%
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	27	27	100.0%	4.9	44.4%	48.1%	59.3%	81.5%
1988	25	22	88.0%	5.5	40.0%	44.0%	56.0%	60.0%
1989	42	37	88.1%	3.3	47.6%	52.4%	64.3%	78.6%
1990	29	26	89.7%	4.6	24.1%	37.9%	65.5%	75.9%
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	34	23	67.6%	2.5	41.2%	44.1%	47.1%	67.6%
1996	37	24	64.9%	2.3	40.5%	43.2%	54.1%	62.2%
1997	31	19	61.3%	4.4	32.3%	35.5%	38.7%	51.6%
1998	30	23	76.7%	1.1	63.3%	66.7%	70.0%	73.3%
1999	30	23	76.7%	3.3	46.7%	46.7%	63.3%	63.3%
2000	35	23	65.7%	2.1	45.7%	45.7%	57.1%	60.0%
2001	40	22	55.0%	1.8	35.0%	37.5%	47.5%	55.0%
2002	46	28	60.9%	1.6	39.1%	39.1%	56.5%	60.9%
2003	32	18	56.3%	1.7	37.5%	43.8%	46.9%	56.3%
2004	31	16	51.6%	0.4	48.4%	48.4%	51.6%	51.6%
2005	35	18	51.4%	0.4	40.0%	48.6%	51.4%	51.4%
2006	37	13	35.1%	0.7	27.0%	32.4%	35.1%	35.1%
2007	56	24	42.9%	0.5	39.3%	39.3%	42.9%	42.9%
2008	71	23	32.4%	0.6	28.2%	29.6%	31.0%	32.4%
2009	33	13	39.4%	0.9	30.3%	30.3%	39.4%	39.4%
2010	39	14	35.9%	0.4	30.8%	30.8%	35.9%	35.9%
2011	32	17	53.1%	0.2	53.1%	53.1%	53.1%	53.1%
TOTAL	969	634	65.4%	2.6	41.0%	44.8%	53.4%	59.6%

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

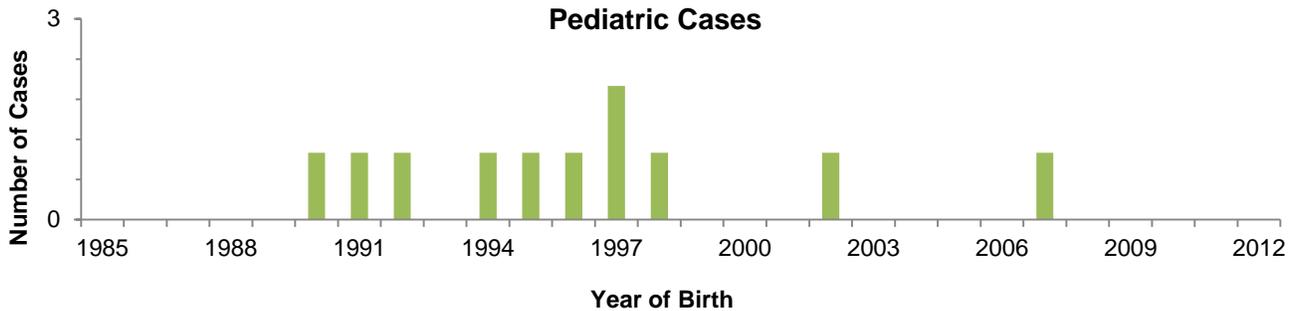


YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	6	6	100.0%	1.4	33.3%	16.7%	16.7%	0.0%
1985	3	3	100.0%	1.0	66.7%	0.0%	0.0%	0.0%
1986	8	8	100.0%	0.7	12.5%	0.0%	0.0%	0.0%
1987	12	12	100.0%	1.1	33.3%	16.7%	8.3%	0.0%
1988	15	14	93.3%	2.4	80.0%	40.0%	20.0%	6.7%
1989	26	24	92.3%	3.0	65.4%	42.3%	23.1%	11.5%
1990	8	7	87.5%	3.4	75.0%	37.5%	25.0%	25.0%
1991	34	30	88.2%	2.6	70.6%	50.0%	29.4%	17.6%
1992	25	23	92.0%	3.3	76.0%	60.0%	20.0%	16.0%
1993	36	31	86.1%	3.1	75.0%	58.3%	25.0%	19.4%
1994	24	18	75.0%	3.1	79.2%	41.7%	41.7%	33.3%
1995	31	22	71.0%	6.0	87.1%	74.2%	64.5%	48.4%
1996	28	16	57.1%	3.0	71.4%	67.9%	60.7%	46.4%
1997	19	4	21.1%	4.7	100.0%	94.7%	89.5%	78.9%
1998	18	8	44.4%	6.4	94.4%	94.4%	83.3%	61.1%
1999	43	19	44.2%	3.7	81.4%	76.7%	74.4%	58.1%
2000	21	11	52.4%	4.0	85.7%	85.7%	61.9%	57.1%
2001	23	11	47.8%	3.7	91.3%	87.0%	69.6%	52.2%
2002	22	8	36.4%	2.5	81.8%	81.8%	68.2%	63.6%
2003	23	6	26.1%	4.2	87.0%	87.0%	87.0%	73.9%
2004	38	8	21.1%	4.3	97.4%	94.7%	89.5%	78.9%
2005	21	3	14.3%	2.8	90.5%	90.5%	90.5%	85.7%
2006	20	4	20.0%	1.8	90.0%	90.0%	80.0%	80.0%
2007	39	7	17.9%	2.8	94.9%	94.9%	84.6%	82.1%
2008	28	3	10.7%	0.2	89.3%	89.3%	89.3%	89.3%
2009	22	2	9.1%	1.5	95.5%	95.5%	90.9%	90.9%
2010	20	3	15.0%	0.8	90.0%	85.0%	85.0%	85.0%
2011	15	2	13.3%	0.1	86.7%	86.7%	86.7%	86.7%
TOTAL	628	313	49.8%	3.2	82.2%	72.9%	61.9%	53.5%

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	3	0	0	0	
1985	0	1	0	0	1
1986	0	1	0	0	2
1987	0	0	0	0	3
1988	0	1	0	0	4
1989	0	0	1	0	4
1990	1	0	0	0	4
1991	1	1	1	1	5
1992	1	1	1	0	6
1993	0	1	1	0	7
1994	1	0	1	2	5
1995	1	1	0	0	6
1996	1	1	1	1	6
1997	2	2	0	0	8
1998	1	0	0	0	8
1999	0	0	0	0	11
2000	0	0	0	0	11
2001	0	0	0	0	10
2002	1	0	0	0	10
2003	0	0	0	0	9
2004	0	0	0	0	9
2005	0	0	1	0	8
2006	0	0	0	0	8
2007	1	2	0	0	10
2008	0	2	0	0	12
2009	0	0	0	0	12
2010	0	0	0	0	12
2011	0	0	0	0	12
2012	0	0	0	1	12
TOTAL	14	14	7	5	

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
Allegany	0	0.0%	3	25.0%
Frederick	0	0.0%	5	41.7%
Garrett	0	0.0%	0	0.0%
Washington	0	0.0%	4	33.3%
TOTAL	0	100.0%	12	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%	6	50.0%
Female	0	0.0%	6	50.0%
TOTAL	0	100.0%	12	100.0%

RACE/ETHNICITY	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Hispanic	0	0.0%	1	8.3%
Non-Hispanic	0	0.0%	11	91.7%
American Indian/ Alaska Native, only	0	0.0%	1	9.1%
Asian, only	0	0.0%	0	0.0%
Black, only	0	0.0%	6	54.5%
Native Hawaiian/Other Pacific Islander, only	0	0.0%	0	0.0%
White, only	0	0.0%	4	36.4%
Multiracial/Other	0	0.0%	0	0.0%
TOTAL	0	100.0%	12	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 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).

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