



2013

Baltimore Metro Annual HIV Epidemiological Profile

2013 Baltimore Metro 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.dhmh.maryland.gov/oideor/chse>
1-800-358-9001**

Acknowledgements

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

Center for HIV Surveillance, Epidemiology and Evaluation

Colin Flynn, Chief
Jami Stockdale, Deputy Chief, Epidemiology and Evaluation

Alyssa Arey, Epidemiologist
Harold Boykin, Epidemiologist
Morgan Boyer, Epidemiologist
Reshma Bhattacharjee, Epidemiologist

Assefa Tigeneh, Surveillance Investigator
Bekele Mamo, Surveillance Investigator
Delwar Hossain, Surveillance Investigator
Denise Bannerman-Wood, Data Quality Specialist/NIR Coordinator
Leigh Carels, Surveillance Investigator
Phyllis Finch, Surveillance Investigator
Winona Matthews, Surveillance Investigator

Rhonda Rowlette, Data Specialist, Health Record Reviewer
Kathy Colburn, Data Specialist
Lillian Keene, Data Specialist
Yvonne Childress, Data Specialist

Marilyn Walkins, Health Record Reviewer
Mohammed Haque, Health Record Reviewer
Nancy McCaslin, Health Record Reviewer

Linda Knapp, Evaluator
Sara Daneshpour, Research Assistant

Suggested Citation: Baltimore Metro Annual HIV Epidemiological Profile 2013. Center for HIV Surveillance, Epidemiology and Evaluation, Department of Health and Mental Hygiene, Baltimore, MD. 2015.

Table of Contents

Acknowledgements	2
Table of Contents	3
Section I – Background Information	5
HIV/AIDS Reporting Requirements	5
For Assistance with HIV/AIDS Reporting.....	5
Limitations in the HIV/AIDS Data.....	5
Stages of a Case of HIV/AIDS.....	6
Changes in Case Terminology	6
Laboratory Data.....	6
Sources of Data.....	7
Tabulation of Column Totals.....	7
Data Suppression.....	7
HIV Exposure Categories.....	7
Section II – Trends 1985-2013	8
Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2013, Reported through 12/31/2014.....	8
Figure 2 – Trends in Living HIV Cases, 1985-2013, Reported through 12/31/2014	9
Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2013, Reported through 12/31/2014	10
Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2013, Reported through 12/31/2014.....	11
Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2013, Reported through 12/31/2014	12
Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2013, Reported through 12/31/2014	13
Section III – Adult/Adolescent Cases by Jurisdiction	14
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.....	14
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.....	15
Table 3 – Adult/Adolescent HIV Cases Alive on 12/31/2013, by Jurisdiction, Reported through 12/31/2014.....	16
Table 4 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Jurisdiction, Reported through 12/31/2014	17
Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Jurisdiction, Reported through 12/31/2014....	18
Figure 7 – Estimated Adult/Adolescent 2013 HIV Continuum of Care, Reported through 12/31/2014	19
Section IV – Cases by Age	20
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.....	20
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	20
Table 8 – HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014	21
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	22
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	22
Section V – Adult/Adolescent Cases by Demographics	23
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.....	23
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.....	25
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.....	26
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	27
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.....	28
Section VI – HIV Cases by Expanded Demographics	29
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	29
Table 16 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014	30
Table 17 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014	31
Section VII – HIV Exposure Category	32
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.....	32

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	34
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	35
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	36
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	37
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	37
Section VIII – Disease Progression and Mortality	38
Figure 9 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2012, Reported through 12/31/2014	38
Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2012, Reported through 12/31/2014	39
Section IX – Pediatric Cases	40
Figure 11 – Trends in Pediatric HIV Cases, 1985-2013, Reported through 12/31/2014.....	40
Table 24 – Pediatric Total Living HIV Cases, Alive on 12/31/2013, by Jurisdiction, Reported through 12/31/2014	41
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	41
Glossary of Terms	42

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.

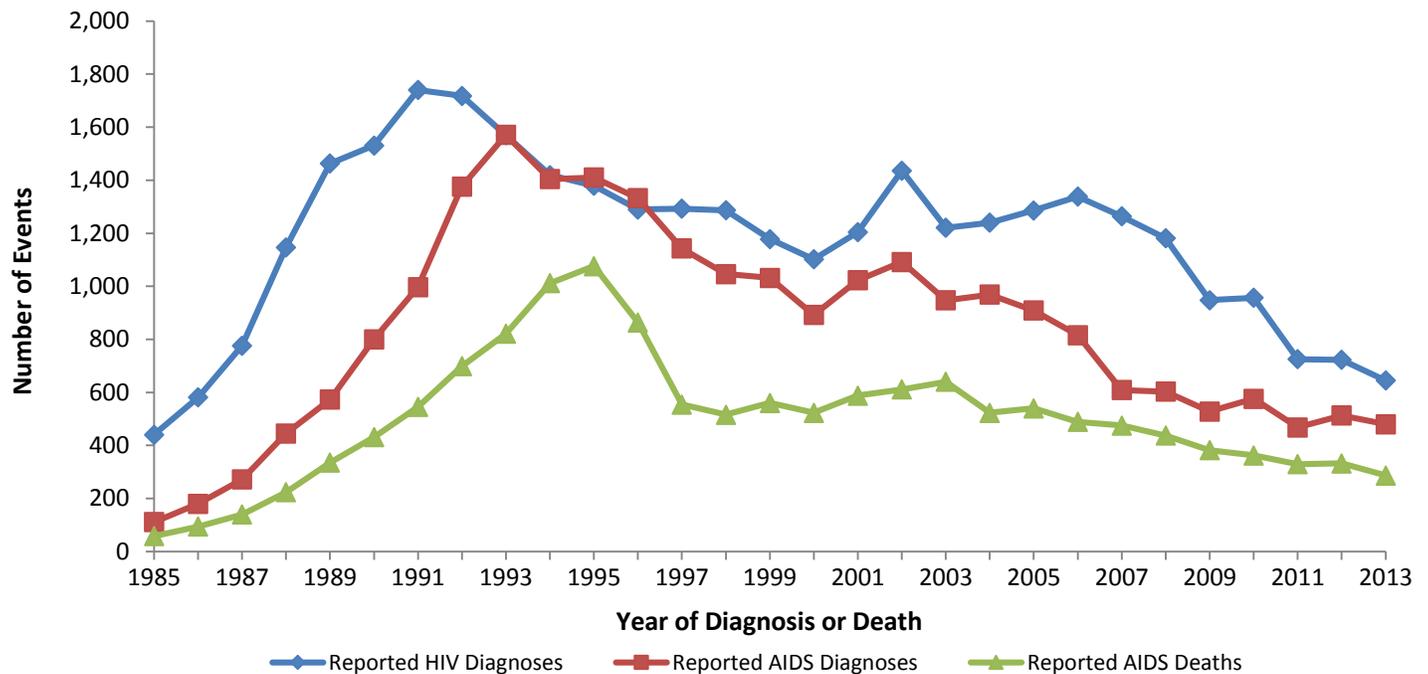
Perinatal Exposure: Any baby born to an HIV positive mother.

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

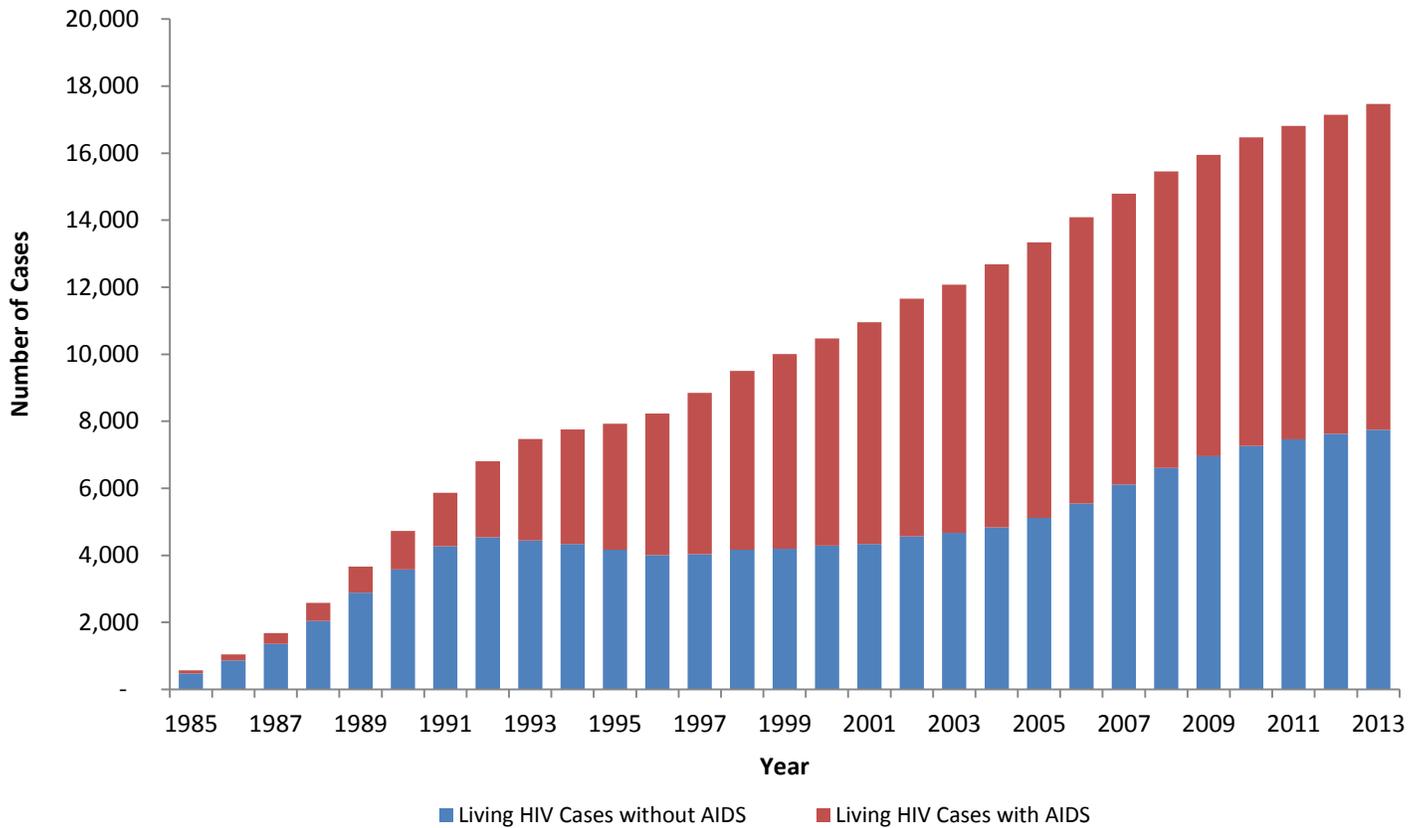
During the 2007-2008 transition to name-based reporting, many HIV cases were reported by a recent HIV diagnosis and not by their earliest HIV diagnosis, resulting in an artificial upward trend in HIV diagnoses during the period 2001-2008



YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	230	94	35	1999	1,178	1,032	560
1985	440	111	58	2000	1,102	892	523
1986	582	180	94	2001	1,203	1,023	588
1987	776	272	140	2002	1,436	1,092	611
1988	1,147	445	224	2003	1,221	947	640
1989	1,463	573	335	2004	1,240	969	523
1990	1,531	800	431	2005	1,284	909	540
1991	1,740	997	545	2006	1,337	815	489
1992	1,718	1,376	699	2007	1,269	608	475
1993	1,570	1,571	821	2008	1,182	603	437
1994	1,419	1,404	1,012	2009	948	527	382
1995	1,379	1,410	1,076	2010	956	576	362
1996	1,289	1,332	864	2011	725	468	329
1997	1,293	1,143	554	2012	723	513	332
1998	1,287	1,046	516	2013	647	480	287
				TOTAL	34,315	24,208	14,482

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

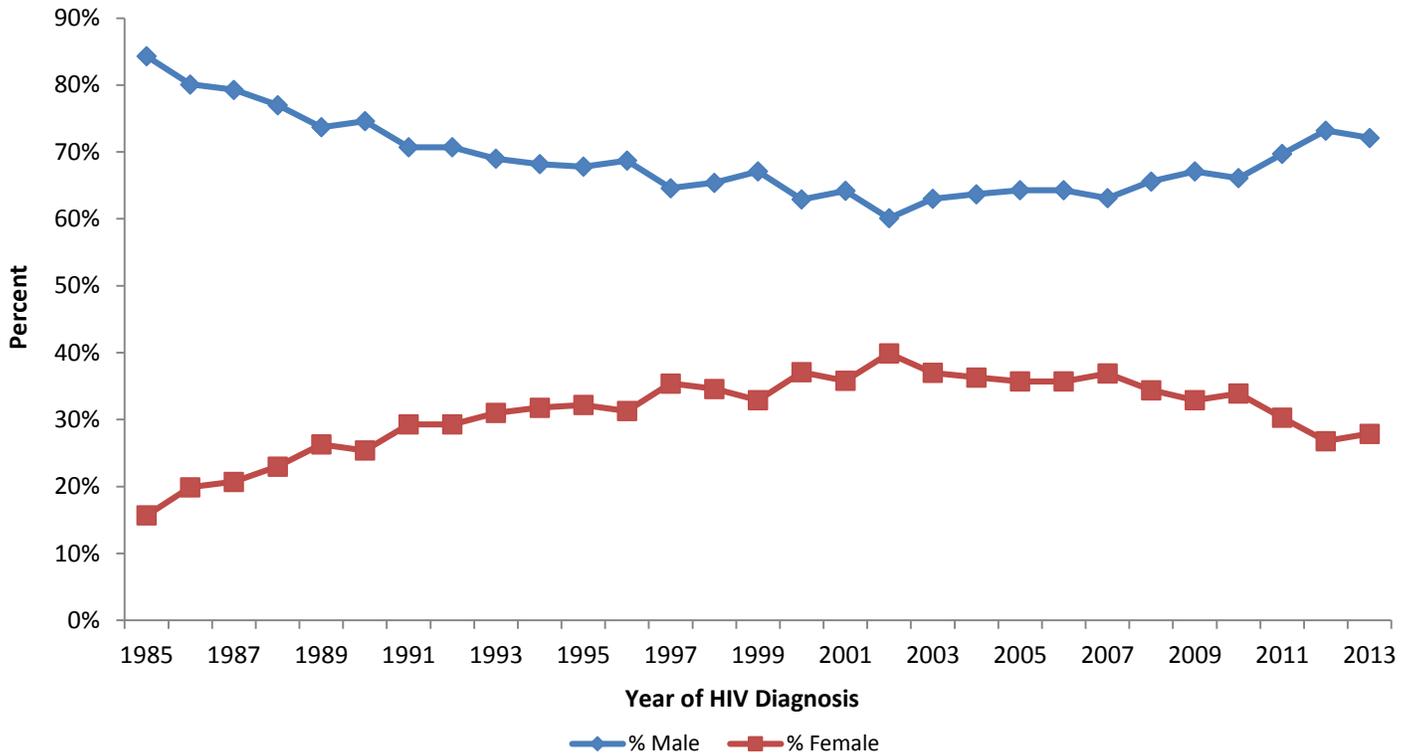
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2013, as Reported through 12/31/2014



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	469	98	567	1999	4,198	5,812	10,007
1986	862	184	1,046	2000	4,288	6,181	10,466
1987	1,359	317	1,676	2001	4,342	6,616	10,955
1988	2,041	538	2,579	2002	4,564	7,097	11,658
1989	2,885	776	3,661	2003	4,671	7,404	12,072
1990	3,581	1,145	4,726	2004	4,836	7,850	12,683
1991	4,272	1,597	5,869	2005	5,119	8,220	13,338
1992	4,535	2,275	6,810	2006	5,543	8,547	14,090
1993	4,446	3,025	7,471	2007	6,111	8,682	14,789
1994	4,334	3,418	7,752	2008	6,609	8,849	15,453
1995	4,171	3,752	7,920	2009	6,959	8,994	15,948
1996	4,007	4,221	8,226	2010	7,262	9,208	16,466
1997	4,038	4,810	8,845	2011	7,463	9,347	16,806
1998	4,163	5,340	9,500	2012	7,623	9,528	17,147
				2013	7,746	9,722	17,468

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

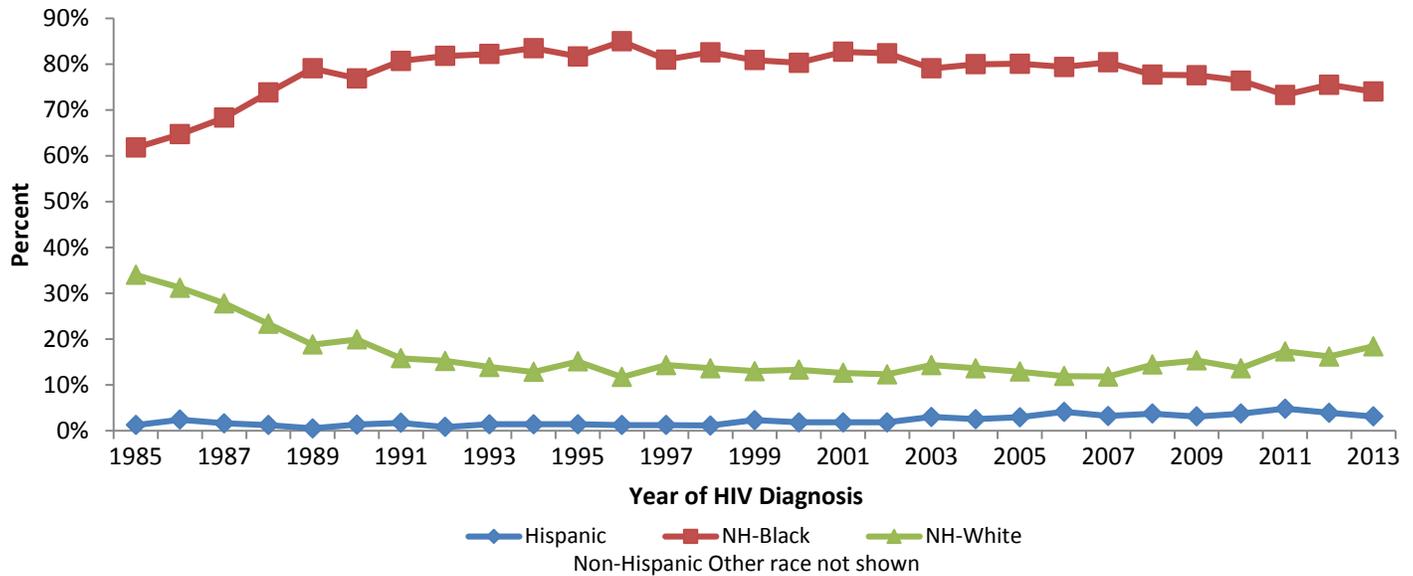
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



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	218	85.8%	14.2%	1999	1,162	67.1%	32.9%
1985	432	84.3%	15.7%	2000	1,094	62.9%	37.1%
1986	573	80.1%	19.9%	2001	1,194	64.2%	35.8%
1987	760	79.3%	20.7%	2002	1,428	60.1%	39.9%
1988	1,128	77.0%	23.0%	2003	1,219	63.0%	37.0%
1989	1,436	73.7%	26.3%	2004	1,235	63.7%	36.3%
1990	1,495	74.6%	25.4%	2005	1,282	64.3%	35.7%
1991	1,705	70.7%	29.3%	2006	1,332	64.3%	35.7%
1992	1,672	70.7%	29.3%	2007	1,229	63.1%	36.9%
1993	1,526	69.0%	31.0%	2008	1,173	65.6%	34.4%
1994	1,388	68.2%	31.8%	2009	943	67.1%	32.9%
1995	1,360	67.8%	32.2%	2010	953	66.1%	33.9%
1996	1,270	68.7%	31.3%	2011	723	69.7%	30.3%
1997	1,283	64.6%	35.4%	2012	721	73.2%	26.8%
1998	1,271	65.4%	34.6%	2013	645	72.1%	27.9%
				TOTAL	33,850	68.3%	31.7%

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

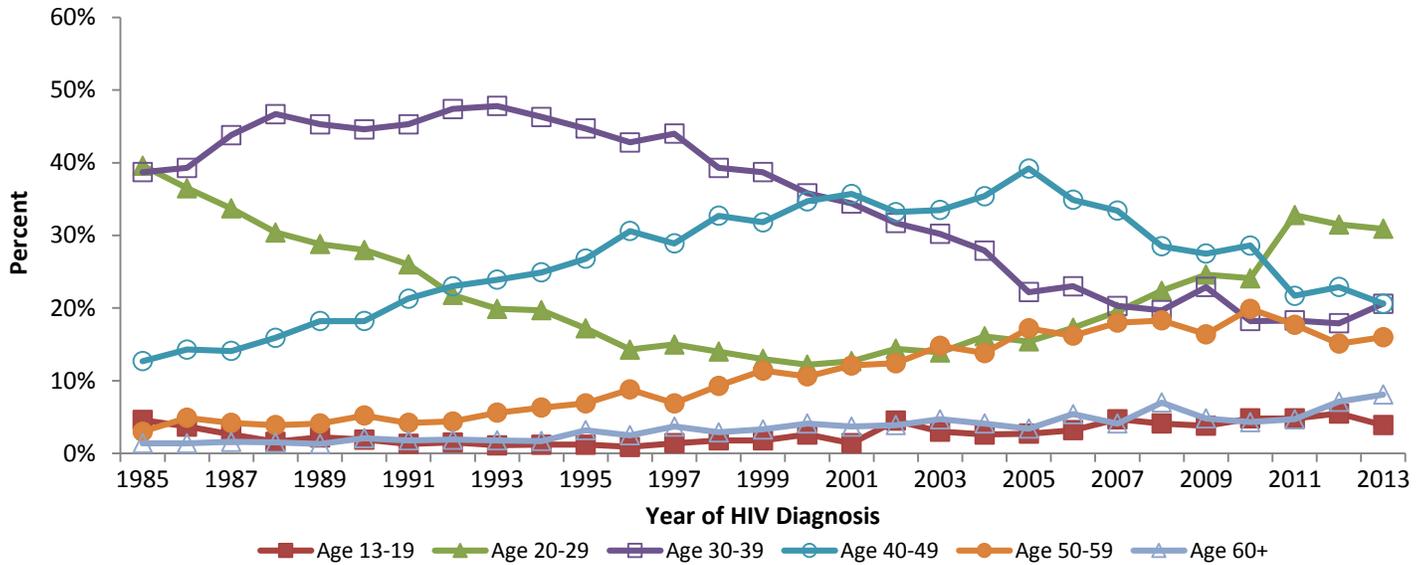
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	218	2.3%	54.1%	41.3%	2.3%
1985	432	1.2%	61.8%	34.0%	3.0%
1986	573	2.4%	64.7%	31.2%	1.6%
1987	760	1.6%	68.3%	27.8%	2.4%
1988	1,128	1.2%	73.8%	23.3%	1.7%
1989	1,436	0.5%	79.1%	18.8%	1.6%
1990	1,495	1.3%	76.9%	19.9%	1.9%
1991	1,705	1.7%	80.7%	15.8%	1.8%
1992	1,672	0.8%	81.8%	15.2%	2.2%
1993	1,526	1.4%	82.2%	13.9%	2.4%
1994	1,388	1.4%	83.5%	12.8%	2.4%
1995	1,360	1.4%	81.7%	15.1%	1.8%
1996	1,270	1.2%	85.0%	11.7%	2.1%
1997	1,283	1.2%	81.0%	14.3%	3.5%
1998	1,271	1.1%	82.6%	13.6%	2.7%
1999	1,162	2.3%	80.9%	13.0%	3.8%
2000	1,094	1.8%	80.3%	13.3%	4.5%
2001	1,194	1.8%	82.7%	12.6%	2.8%
2002	1,428	1.8%	82.4%	12.3%	3.6%
2003	1,219	3.0%	79.1%	14.3%	3.6%
2004	1,235	2.5%	80.0%	13.6%	3.9%
2005	1,282	2.9%	80.1%	12.9%	4.1%
2006	1,332	4.1%	79.4%	11.9%	4.6%
2007	1,229	3.2%	80.4%	11.8%	4.6%
2008	1,173	3.7%	77.7%	14.4%	4.3%
2009	943	3.1%	77.6%	15.3%	4.0%
2010	953	3.7%	76.4%	13.6%	6.3%
2011	723	4.8%	73.3%	17.3%	4.6%
2012	721	3.9%	75.5%	16.2%	4.4%
2013	645	3.1%	74.0%	18.4%	4.5%
TOTAL	33,850	2.1%	79.1%	15.7%	3.2%

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

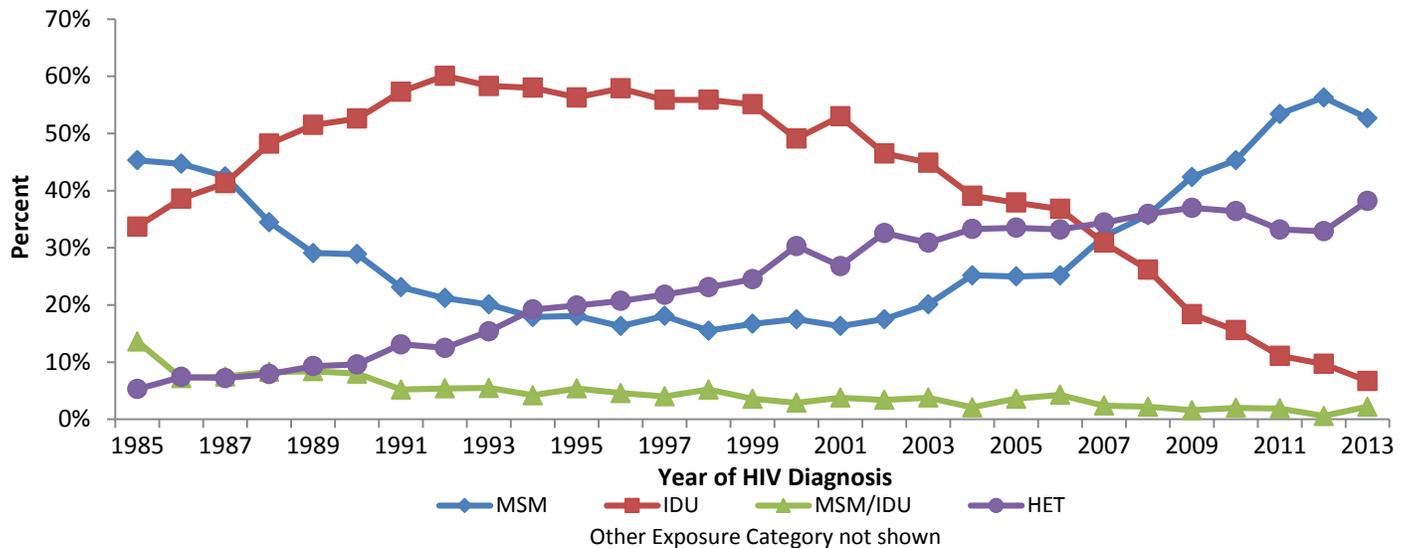
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



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	218	6.0%	43.1%	30.7%	13.8%	6.0%	0.5%
1985	432	4.6%	39.6%	38.7%	12.7%	3.0%	1.4%
1986	573	3.7%	36.5%	39.3%	14.3%	4.9%	1.4%
1987	760	2.6%	33.7%	43.8%	14.1%	4.2%	1.6%
1988	1,128	1.6%	30.4%	46.7%	15.9%	3.9%	1.5%
1989	1,436	2.2%	28.8%	45.3%	18.2%	4.1%	1.3%
1990	1,495	1.9%	28.0%	44.6%	18.2%	5.2%	2.1%
1991	1,705	1.3%	26.0%	45.3%	21.3%	4.2%	1.8%
1992	1,672	1.5%	21.8%	47.4%	23.0%	4.4%	1.9%
1993	1,526	1.1%	19.9%	47.8%	23.9%	5.6%	1.8%
1994	1,388	1.2%	19.7%	46.3%	24.9%	6.3%	1.7%
1995	1,360	1.2%	17.2%	44.7%	26.8%	6.9%	3.2%
1996	1,270	0.9%	14.3%	42.8%	30.6%	8.8%	2.5%
1997	1,283	1.4%	15.0%	44.0%	28.9%	6.9%	3.7%
1998	1,271	1.8%	14.0%	39.3%	32.7%	9.3%	2.9%
1999	1,162	1.8%	13.0%	38.7%	31.8%	11.4%	3.3%
2000	1,094	2.6%	12.2%	35.8%	34.7%	10.6%	4.1%
2001	1,194	1.4%	12.7%	34.4%	35.7%	12.1%	3.7%
2002	1,428	4.5%	14.4%	31.7%	33.2%	12.4%	3.9%
2003	1,219	3.0%	13.9%	30.2%	33.5%	14.8%	4.7%
2004	1,235	2.6%	16.1%	27.9%	35.4%	13.8%	4.1%
2005	1,282	2.7%	15.4%	22.2%	39.2%	17.2%	3.4%
2006	1,332	3.2%	17.3%	23.0%	34.9%	16.2%	5.4%
2007	1,229	4.7%	19.5%	20.3%	33.4%	18.0%	4.1%
2008	1,173	4.1%	22.4%	19.7%	28.5%	18.3%	7.0%
2009	943	3.8%	24.6%	22.9%	27.5%	16.4%	4.8%
2010	953	4.8%	24.1%	18.2%	28.6%	19.9%	4.3%
2011	723	4.8%	32.8%	18.3%	21.7%	17.7%	4.7%
2012	721	5.5%	31.5%	17.9%	22.9%	15.1%	7.1%
2013	645	3.9%	30.9%	20.6%	20.6%	16.0%	8.1%
TOTAL	33,850	2.6%	21.1%	35.6%	27.1%	10.3%	3.3%

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	218	214	55.6%	28.5%	7.9%	3.7%	4.2%
1985	432	413	45.3%	33.7%	13.6%	5.3%	2.2%
1986	573	557	44.7%	38.6%	7.2%	7.4%	2.2%
1987	760	736	42.5%	41.3%	7.5%	7.2%	1.5%
1988	1,128	1,091	34.5%	48.2%	8.3%	7.9%	1.1%
1989	1,436	1,394	29.1%	51.5%	8.4%	9.3%	1.8%
1990	1,495	1,437	28.9%	52.6%	8.0%	9.6%	0.9%
1991	1,705	1,628	23.1%	57.3%	5.2%	13.1%	1.2%
1992	1,672	1,587	21.2%	60.1%	5.4%	12.5%	0.8%
1993	1,526	1,476	20.1%	58.3%	5.5%	15.4%	0.7%
1994	1,388	1,325	17.9%	58.0%	4.2%	19.2%	0.7%
1995	1,360	1,296	18.1%	56.3%	5.4%	19.9%	0.3%
1996	1,270	1,205	16.3%	57.9%	4.6%	20.7%	0.4%
1997	1,283	1,190	18.1%	55.9%	4.0%	21.8%	0.2%
1998	1,271	1,179	15.5%	55.9%	5.2%	23.1%	0.3%
1999	1,162	1,059	16.7%	55.1%	3.6%	24.5%	0.2%
2000	1,094	986	17.5%	49.1%	2.9%	30.3%	0.1%
2001	1,194	1,068	16.3%	53.0%	3.8%	26.8%	0.1%
2002	1,428	1,218	17.5%	46.5%	3.4%	32.6%	0.1%
2003	1,219	1,072	20.1%	44.9%	3.8%	30.9%	0.4%
2004	1,235	1,070	25.2%	39.1%	2.1%	33.3%	0.4%
2005	1,282	1,033	25.0%	37.9%	3.6%	33.5%	0.1%
2006	1,332	980	25.2%	36.8%	4.3%	33.2%	0.5%
2007	1,229	874	32.0%	30.9%	2.4%	34.4%	0.2%
2008	1,173	778	35.7%	26.2%	2.2%	35.9%	0.0%
2009	943	549	42.4%	18.4%	1.6%	37.0%	0.5%
2010	953	506	45.3%	15.6%	2.0%	36.4%	0.8%
2011	723	425	53.4%	11.1%	1.9%	33.2%	0.5%
2012	721	504	56.3%	9.7%	0.6%	32.9%	0.4%
2013	645	505	52.7%	6.7%	2.2%	38.2%	0.2%
TOTAL	33,850	29,355	26.1%	46.4%	4.8%	22.1%	0.6%

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								First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late HIV Diagnosis	% Late HIV Diagnosis	No. with Test	% with Test	Median Count	
Anne Arundel	464,062	54	8.4%	11.6	43	79.6%	18	33.3%	45	83.3%	300	
Baltimore City	523,113	385	59.7%	73.6	296	76.9%	108	28.1%	308	80.0%	346	
Baltimore	694,901	138	21.4%	19.9	118	85.5%	41	29.7%	118	85.5%	343	
Carroll	141,768	2	0.3%	1.4	***	***	***	***	***	***	***	
Harford	208,971	32	5.0%	15.3	25	78.1%	12	37.5%	30	93.8%	292	
Howard	252,141	32	5.0%	12.7	28	87.5%	13	40.6%	28	87.5%	269	
Queen Anne's	40,861	2	0.3%	4.9	***	***	***	***	***	***	***	
TOTAL	2,325,816	645	100.0%	27.7	513	79.5%	192	29.8%	532	82.5%	340	

*** 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
Anne Arundel	464,062	36	7.6%	7.8	3.8	47.2%
Baltimore City	523,113	309	65.5%	59.1	4.9	37.2%
Baltimore	694,901	87	18.4%	12.5	4.7	48.3%
Carroll	141,768	1	0.2%	0.7	***	***
Harford	208,971	17	3.6%	8.1	2.0	82.4%
Howard	252,141	22	4.7%	8.7	2.2	63.6%
Queen Anne's	40,861	0	0.0%	0.0	--	--
TOTAL	2,325,816	472	100.0%	20.3	4.5	42.8%

*** 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 7/1/2013.

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)
Anne Arundel	464,062	471	6.2%	101.5	618	6.5%	133.2	1,089	6.3%	234.7	426
Baltimore City	523,113	5,480	72.2%	1,047.6	6,951	72.6%	1,328.8	12,431	72.4%	2,376.4	42
Baltimore	694,901	1,150	15.2%	165.5	1,436	15.0%	206.6	2,586	15.1%	372.1	268
Carroll	141,768	53	0.7%	37.4	62	0.6%	43.7	115	0.7%	81.1	1,232
Harford	208,971	175	2.3%	83.7	221	2.3%	105.8	396	2.3%	189.5	527
Howard	252,141	242	3.2%	96.0	255	2.7%	101.1	497	2.9%	197.1	507
Queen Anne's	40,861	18	0.2%	44.1	31	0.3%	75.9	49	0.3%	119.9	833
TOTAL	2,325,816	7,589	100.0%	326.3	9,574	100.0%	411.6	17,163	100.0%	737.9	135

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			
Anne Arundel	1,089	639	58.7%	527	12.7%	14.7%	19.9%	52.7%	
Baltimore City	12,431	7,788	62.6%	510	13.6%	16.2%	18.7%	51.5%	
Baltimore	2,586	1,598	61.8%	528	12.3%	14.7%	20.2%	52.8%	
Carroll	115	50	43.5%	537	14.0%	6.0%	24.0%	56.0%	
Harford	396	235	59.3%	536	11.9%	17.0%	18.7%	52.3%	
Howard	497	293	59.0%	587	12.3%	12.3%	16.0%	59.4%	
Queen Anne's	49	32	65.3%	506	3.1%	28.1%	18.8%	50.0%	
TOTAL	17,163	10,635	62.0%	517	13.2%	15.8%	19.0%	52.0%	

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	
Anne Arundel	1,089	565	51.9%	70.6%	11,680
Baltimore City	12,431	6,443	51.8%	67.0%	9,804
Baltimore	2,586	1,401	54.2%	71.6%	10,215
Carroll	115	45	39.1%	82.2%	21,215
Harford	396	216	54.5%	73.1%	8,074
Howard	497	257	51.7%	75.9%	16,518
Queen Anne's	49	32	65.3%	90.6%	2,700
TOTAL	17,163	8,959	52.2%	68.5%	10,000

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.

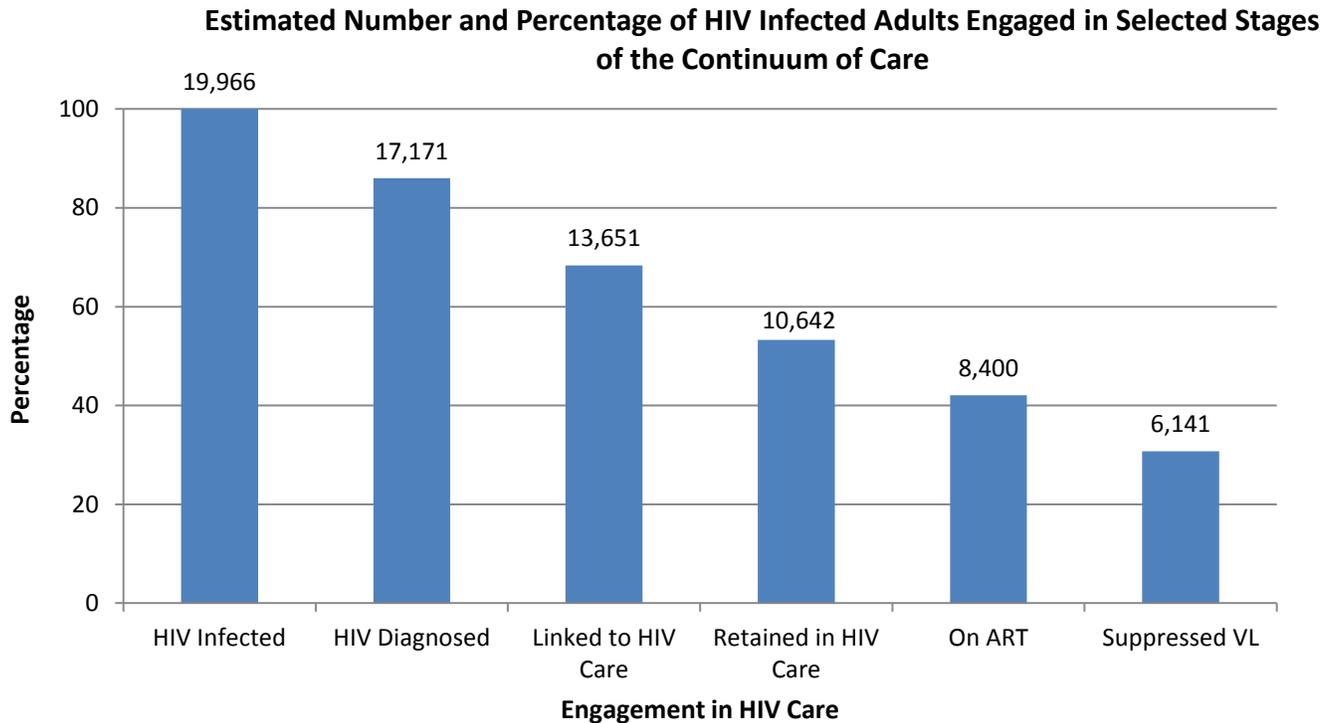
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

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	19,966	100.0%
HIV Diagnosed	17,171	86.0%
Linked to HIV Care	13,651	68.4%
Retained in HIV Care	10,642	53.3%
On ART	8,400	42.1%
Suppressed VL	6,141	30.8%

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)	169,652	1	0.2%	0.6	***	***	***	***	***	***	***
5-12 (Pediatric)	275,270	1	0.2%	0.4	***	***	***	***	***	***	***
13-19	247,736	25	3.9%	10.1	23	92.0%	8	32.0%	25	100.0%	344
20-29	393,784	199	30.8%	50.5	162	81.4%	37	18.6%	167	83.9%	370
30-39	358,291	133	20.6%	37.1	112	84.2%	41	30.8%	115	86.5%	313
40-49	380,661	133	20.6%	34.9	102	76.7%	52	39.1%	107	80.5%	257
50-59	405,723	103	15.9%	25.4	73	70.9%	35	34.0%	79	76.7%	332
60+	539,621	52	8.0%	9.6	41	78.8%	19	36.5%	39	75.0%	318
TOTAL	2,770,738	647	100.0%	23.4	515	79.6%	192	29.7%	533	82.4%	341

*** Data withheld due to low population 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)	169,652	0	0.0%	0.0	--	--
5-12 (Pediatric)	275,270	0	0.0%	0.0	--	--
13-19	247,736	14	2.9%	5.7	4.8	64.3%
20-29	393,784	91	19.0%	23.1	3.4	46.2%
30-39	358,291	99	20.6%	27.6	4.2	41.4%
40-49	380,661	116	24.2%	30.5	4.7	42.2%
50-59	405,723	113	23.5%	27.9	6.3	35.4%
60+	539,621	47	9.8%	8.7	5.0	44.7%
TOTAL	2,770,738	480	100.0%	17.3	4.8	42.1%

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)	169,652	6	0.1%	3.5	1	0.0%	0.6	7	0.0%	4.1	24,236
5-12 (Pediatric)	275,270	39	0.5%	14.2	4	0.0%	1.5	43	0.2%	15.6	6,401
13-19	247,736	87	1.1%	35.1	51	0.5%	20.6	138	0.8%	55.7	1,795
20-29	393,784	1,170	15.1%	297.1	553	5.7%	140.4	1,723	9.9%	437.5	228
30-39	358,291	1,416	18.3%	395.2	1,107	11.4%	309.0	2,523	14.4%	704.2	142
40-49	380,661	2,021	26.1%	530.9	2,785	28.6%	731.6	4,806	27.5%	1,262.5	79
50-59	405,723	2,129	27.5%	524.7	3,653	37.6%	900.4	5,782	33.1%	1,425.1	70
60+	539,621	878	11.3%	162.7	1,568	16.1%	290.6	2,446	14.0%	453.3	220
TOTAL	2,770,738	7,746	100.0%	279.6	9,722	100.0%	350.9	17,468	100.0%	630.4	158

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						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	54	35	64.8%	522	5.7%	31.4%	8.6%	54.3%
20-29	1,563	1,044	66.8%	506	10.8%	16.2%	22.2%	50.8%
30-39	2,518	1,538	61.2%	525	12.5%	14.1%	20.4%	53.1%
40-49	4,808	2,900	60.4%	499	15.3%	15.7%	19.0%	50.0%
50-59	5,782	3,667	63.4%	524	13.7%	15.8%	17.5%	53.0%
60+	2,446	1,451	59.3%	523	10.6%	17.3%	19.0%	53.1%
TOTAL	17,171	10,635	62.0%	517	13.2%	15.8%	19.0%	52.0%

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	54	43	79.6%	37.2%	5,852
20-29	1,562	934	59.8%	50.0%	11,890
30-39	2,514	1,336	53.1%	65.0%	11,428
40-49	4,805	2,496	51.9%	67.9%	12,141
50-59	5,782	3,014	52.1%	72.6%	9,515
60+	2,446	1,136	46.4%	79.6%	3,599
TOTAL	17,163	8,959	52.2%	68.5%	10,000

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	1,109,993	465	72.1%	41.9	369	79.4%	125	26.9%	377
Female	1,215,823	180	27.9%	14.8	144	80.0%	67	37.2%	155	86.1%	363
TOTAL	2,325,816	645	100.0%	27.7	513	79.5%	192	29.8%	532	82.5%	340

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	104,709	20	3.1%	19.1	17	85.0%	6	30.0%	18
Non-Hispanic	2,221,107	625	96.9%	28.1	496	79.4%	186	29.8%	514	82.2%	343
American Indian/Alaska Native, only	5,965	1	0.2%	16.8	***	***	***	***	***	***	***
Asian, only	116,662	5	0.8%	4.3	***	***	***	***	***	***	***
Black, only	648,875	477	74.0%	73.5	374	78.4%	134	28.1%	386	80.9%	342
Native Hawaiian/ Other Pacific Islander, only	1,162	0	0.0%	0.0	--	--	--	--	--	--	--
White, only	1,412,244	119	18.4%	8.4	98	82.4%	40	33.6%	104	87.4%	365
Multiracial/ Other	36,200	23	3.6%	63.5	20	87.0%	8	34.8%	19	82.6%	396
TOTAL	2,325,816	645	100.0%	27.7	513	79.5%	192	29.8%	532	82.5%	340

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	2,046,770	545	84.5%	26.6	428	78.5%	161	29.5%	446
Foreign-born	240,672	24	3.7%	10.0	23	95.8%	10	41.7%	22	91.7%	246
Africa	--	13	2.0%	--	12	92.3%	6	46.2%	12	92.3%	167
Asia	--	3	0.5%	--	***	***	***	***	***	***	***
Caribbean	--	3	0.5%	--	***	***	***	***	***	***	***
Central America	--	4	0.6%	--	***	***	***	***	***	***	***
Other	--	1	0.2%	--	***	***	***	***	***	***	***
Unknown	--	76	11.8%	--	62	81.6%	21	27.6%	64	84.2%	332
TOTAL	2,287,442	645	100.0%	28.2	513	79.5%	192	29.8%	532	82.5%	340

* 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	1,109,993	293	62.1%	26.4	4.2	45.4%
Female	1,215,823	179	37.9%	14.7	5.1	38.5%
TOTAL	2,325,816	472	100.0%	20.3	4.5	42.8%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	104,709	17	3.6%	16.2	5.7	41.2%
Non-Hispanic	2,221,107	455	96.4%	20.5	4.5	42.9%
American Indian/Alaska Native, only	5,965	1	0.2%	16.8	***	***
Asian, only	116,662	3	0.6%	2.6	***	***
Black, only	648,875	352	74.6%	54.2	4.8	38.6%
Native Hawaiian/Other Pacific Islander, only	1,162	0	0.0%	0.0	--	--
White, only	1,412,244	74	15.7%	5.2	2.9	63.5%
Multiracial/Other	36,200	25	5.3%	69.1	5.7	32.0%
TOTAL	2,325,816	472	100.0%	20.3	4.5	42.8%

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	2,046,770	432	91.5%	21.1	4.8	40.3%
Foreign-born	240,672	13	2.8%	5.4	3.3	69.2%
Africa	--	6	1.3%	--	0.9	83.3%
Asia	--	2	0.4%	--	***	***
Caribbean	--	1	0.2%	--	***	***
Central America	--	2	0.4%	--	***	***
Other	--	2	0.4%	--	***	***
Unknown	--	27	5.7%	--	1.4	70.4%
TOTAL	2,287,442	472	100.0%	20.6	4.5	42.8%

* 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	1,109,993	4,935	65.0%	444.6	6,116	63.9%	551.0	11,051	64.4%	995.6	100
Female	1,215,823	2,654	35.0%	218.3	3,458	36.1%	284.4	6,112	35.6%	502.7	198
TOTAL	2,325,816	7,589	100.0%	326.3	9,574	100.0%	411.6	17,163	100.0%	737.9	135

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	104,709	198	2.6%	189.1	322	3.4%	307.5	520	3.0%	496.6	201
Non-Hispanic	2,221,107	7,391	97.4%	332.8	9,252	96.6%	416.5	16,643	97.0%	749.3	133
American Indian/Alaska Native, only	5,965	9	0.1%	150.9	8	0.1%	134.1	17	0.1%	285.0	350
Asian, only	116,662	42	0.6%	36.0	20	0.2%	17.1	62	0.4%	53.1	1,881
Black, only	648,875	5,830	76.8%	898.5	7,404	77.3%	1,141.1	13,234	77.1%	2,039.5	49
Native Hawaiian/ Other Pacific Islander, only	1,162	3	0.0%	258.2	4	0.0%	344.3	7	0.0%	602.5	165
White, only	1,412,244	1,281	16.9%	90.7	1,385	14.5%	98.1	2,666	15.5%	188.8	529
Multiracial/ Other	36,200	226	3.0%	624.3	431	4.5%	1,190.6	657	3.8%	1,814.9	55
TOTAL	2,325,816	7,589	100.0%	326.3	9,574	100.0%	411.6	17,163	100.0%	737.9	135

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	2,046,770	7,154	94.3%	349.5	9,117	95.2%	445.4	16,271	94.8%	795.0	125
Foreign-born	240,672	145	1.9%	60.2	315	3.3%	130.9	460	2.7%	191.1	523
Africa	--	66	0.9%	--	163	1.7%	--	229	1.3%	--	--
Asia	--	12	0.2%	--	22	0.2%	--	34	0.2%	--	--
Caribbean	--	17	0.2%	--	31	0.3%	--	48	0.3%	--	--
Central America	--	24	0.3%	--	63	0.7%	--	87	0.5%	--	--
Other	--	26	0.3%	--	36	0.4%	--	62	0.4%	--	--
Unknown	--	290	3.8%	--	142	1.5%	--	432	2.5%	--	--
TOTAL	2,287,442	7,589	100.0%	331.8	9,574	100.0%	418.5	17,163	100.0%	750.3	133

* 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

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	11,051	6,583	59.6%	499	13.0%	17.0%	20.2%	49.9%
Female	6,112	4,052	66.3%	548	13.7%	13.9%	17.0%	55.4%
TOTAL	17,163	10,635	62.0%	517	13.2%	15.8%	19.0%	52.0%

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	520	318	61.2%	464	12.9%	19.8%	20.8%	46.5%
Non-Hispanic	16,643	10,317	62.0%	519	13.2%	15.7%	18.9%	52.2%
American Indian/Alaska Native, only	17	***	***	***	***	***	***	***
Asian, only	62	38	61.3%	492	7.9%	15.8%	28.9%	47.4%
Black, only	13,234	8,307	62.8%	511	13.8%	15.9%	18.9%	51.4%
Native Hawaiian/Other Pacific Islander, only	7	***	***	***	***	***	***	***
White, only	2,666	1,466	55.0%	564	10.0%	13.6%	18.8%	57.5%
Multiracial/Other	657	497	75.6%	493	14.5%	18.3%	18.9%	48.3%
TOTAL	17,163	10,635	62.0%	517	13.2%	15.8%	19.0%	52.0%

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	16,271	10,084	62.0%	519	13.3%	15.8%	18.7%	52.2%
Foreign-born	460	260	56.5%	485	10.8%	16.9%	24.6%	47.7%
Africa	229	137	59.8%	485	12.4%	16.8%	21.9%	48.9%
Asia	34	19	55.9%	362	15.8%	26.3%	31.6%	26.3%
Caribbean	48	28	58.3%	526	0.0%	14.3%	32.1%	53.6%
Central America	87	52	59.8%	393	11.5%	21.2%	26.9%	40.4%
Other	62	24	38.7%	662	8.3%	4.2%	20.8%	66.7%
Unknown	460	260	56.5%	485	10.8%	16.9%	24.6%	47.7%
TOTAL	17,163	10,635	62.0%	517	13.2%	15.8%	19.0%	52.0%

*** 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	11,051	5,527	50.0%	69.9%	10,000
Female	6,112	3,432	56.2%	66.3%	9,840
TOTAL	17,163	8,959	52.2%	68.5%	10,000

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	520	273	52.5%	71.4%	7,701
Non-Hispanic	16,643	8,686	52.2%	68.4%	10,000
American Indian/Alaska Native, only	17	***	***	***	***
Asian, only	62	34	54.8%	82.4%	61,198
Black, only	13,234	6,987	52.8%	66.2%	9,857
Native Hawaiian/Other Pacific Islander, only	7	***	***	***	***
White, only	2,666	1,240	46.5%	79.3%	10,000
Multiracial/Other	657	415	63.2%	71.1%	12,477
TOTAL	17,163	8,959	52.2%	68.5%	10,000

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	16,271	8,464	52.0%	68.5%	10,000
Foreign-born	460	218	47.4%	71.1%	18,628
Africa	229	114	49.8%	67.5%	27,710
Asia	34	17	50.0%	64.7%	26,687
Caribbean	48	24	50.0%	70.8%	7,557
Central America	87	43	49.4%	72.1%	1,315
Other	62	20	32.3%	95.0%	1,250
Unknown	432	277	64.1%	66.8%	9,665
TOTAL	17,163	8,959	52.2%	68.5%	10,000

*** 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.

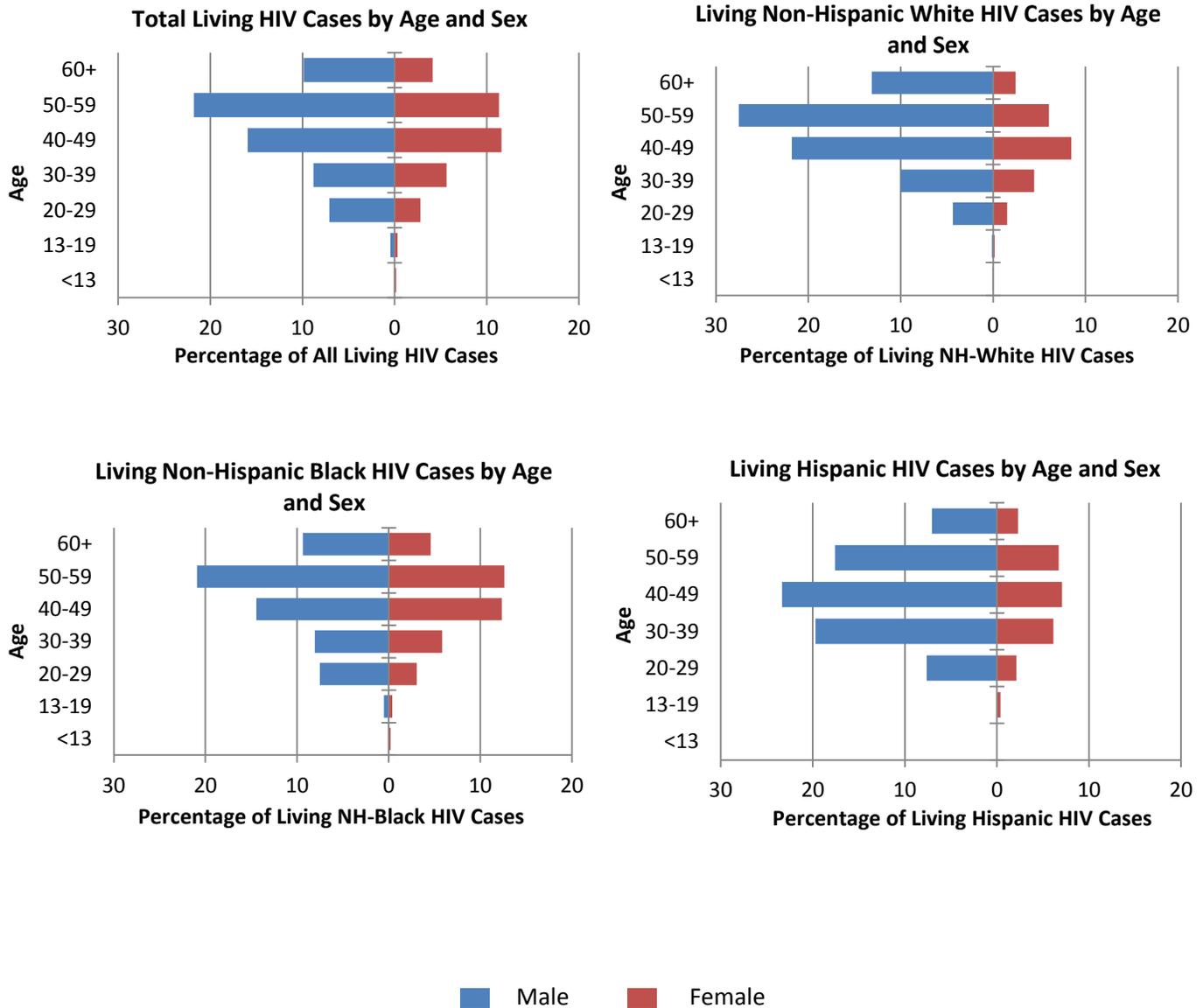
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

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	18,764	72,718	110,727	24,780	226,989
	Cases	0	16	2	0	18
	Rate	0.0	22.0	1.8	0.0	7.9
	Ratio (1 in X)	--	4,544	55,363	--	12,610
13-19	Population	7,754	40,184	67,334	24,781	140,053
	Cases	0	72	4	4	80
	Rate	0.0	179.2	5.9	16.1	57.1
	Ratio (1 in X)	--	558	16,833	6,195	1,750
20-29	Population	14,076	58,232	108,647	15,602	196,557
	Cases	40	1,015	117	63	1,235
	Rate	284.2	1,743.0	107.7	403.8	628.3
	Ratio (1 in X)	351	57	928	247	159
30-39	Population	15,081	46,377	96,665	15,623	173,746
	Cases	103	1,088	269	78	1,538
	Rate	683.0	2,346.0	278.3	499.3	885.2
	Ratio (1 in X)	146	42	359	200	112
40-49	Population	9,659	49,916	109,972	13,409	182,956
	Cases	122	1,950	586	125	2,783
	Rate	1,263.1	3,906.6	532.9	932.2	1,521.1
	Ratio (1 in X)	79	25	187	107	65
50-59	Population	5,275	48,475	129,926	10,159	193,835
	Cases	92	2,824	740	149	3,805
	Rate	1,744.1	5,825.7	569.6	1,466.7	1,963.0
	Ratio (1 in X)	57	17	175	68	50
60+	Population	3,774	49,157	173,409	10,246	236,586
	Cases	37	1,267	353	67	1,724
	Rate	980.4	2,577.5	203.6	653.9	728.7
	Ratio (1 in X)	102	38	491	152	137
TOTAL MALES BY RACE/ETHNICITY	Population	74,383	365,059	796,680	114,600	1,350,722
	Cases	394	8,232	2,071	486	11,183
	Rate	529.7	2,255.0	260.0	424.1	827.9
	Ratio (1 in X)	188	44	384	235	120

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	18,190	70,272	105,424	24,047	217,933
	Cases	0	31	0	1	32
	Rate	0.0	44.1	0.0	4.2	14.7
	Ratio (1 in X)	--	2,266	--	24,047	6,810
13-19	Population	7,080	39,842	63,521	10,980	121,423
	Cases	2	52	4	0	58
	Rate	28.2	130.5	6.3	0	47.8
	Ratio (1 in X)	3,540	766	15,880	--	2,093
20-29	Population	11,502	64,000	105,581	16,144	197,227
	Cases	11	414	41	22	488
	Rate	95.6	646.9	38.8	136.3	247.4
	Ratio (1 in X)	1,045	154	2,575	733	404
30-39	Population	12,430	57,322	96,758	18,035	184,545
	Cases	32	788	119	46	985
	Rate	257.4	1,374.7	123.0	255.1	533.7
	Ratio (1 in X)	388	72	813	392	187
40-49	Population	8,475	59,945	114,174	15,111	197,705
	Cases	37	1,665	226	95	2,023
	Rate	436.6	2,777.5	197.9	628.7	1,023.2
	Ratio (1 in X)	229	36	505	159	97
50-59	Population	5,023	60,541	135,117	11,207	211,888
	Cases	35	1,702	162	78	1,977
	Rate	696.8	2,811.3	119.9	696.0	933.0
	Ratio (1 in X)	143	35	834	143	107
60+	Population	4,580	74,884	211,140	12,431	303,035
	Cases	12	620	65	25	722
	Rate	262.0	827.9	30.8	201.1	238.3
	Ratio (1 in X)	381	120	3,248	497	419
TOTAL FEMALES BY RACE/ ETHNICITY	Population	67,280	426,806	831,715	107,955	1,433,756
	Cases	129	5,272	617	267	6,285
	Rate	191.7	1,235.2	74.2	247.3	438.4
	Ratio (1 in X)	521	80	1,347	404	228

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	506	100.0%	410	81.0%	151	29.8%	83.6%	332
Men who have Sex with Men (MSM)	266	52.6%	228	85.7%	66	24.8%	88.0%	353
Injection Drug Users (IDU)	34	6.7%	19	55.9%	8	23.5%	61.8%	436
Men who have Sex with Men and Inject Drugs (MSM/IDU)	11	2.2%	7	63.6%	***	***	63.6%	484
Heterosexual Exposure (HET)	193	38.1%	154	79.8%	74	38.3%	82.9%	287
Other Exposure	2	0.4%	2	100.0%	***	***	50.0%	20
No Reported Exposure	139		103	74.1%	41	29.5%	78.4%	366
TOTAL	645		513	79.5%	192	29.8%	82.5%	340

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	387	100.0%	312	80.6%	103	26.6%	82.7%	332
Men who have Sex with Men (MSM)	266	68.7%	228	85.7%	66	24.8%	88.0%	353
Injection Drug Users (IDU)	20	5.2%	11	55.0%	***	***	50.0%	396
Men who have Sex with Men and Inject Drugs (MSM/IDU)	11	2.8%	7	63.6%	***	***	63.6%	484
Heterosexual Exposure (HET)	89	23.0%	65	73.0%	30	33.7%	76.4%	254
Other Exposure	1	0.3%	1	100.0%	***	***	100.0%	20
No Reported Exposure	78		57	73.1%	22	28.2%	73.1%	355
TOTAL	465		369	79.4%	125	26.9%	81.1%	332

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	119	100.0%	98	82.4%	48	40.3%	86.6%	341
Injection Drug Users (IDU)	14	11.8%	8	57.1%	***	***	78.6%	513
Heterosexual Exposure (HET)	104	87.4%	89	85.6%	44	42.3%	88.5%	322
Other Exposure	1	0.8%	1	100.0%	***	***	0.0%	--
No Reported Exposure*	61		46	75.4%	19	31.1%	85.2%	393
TOTAL	180		144	80.0%	67	37.2%	86.1%	363

* Includes 7 HIV cases with Presumed Female Heterosexual exposure

*** 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	366	100.0%	4.6	44.3%
Men who have Sex with Men (MSM)	134	36.6%	3.3	52.2%
Injection Drug Users (IDU)	82	22.4%	8.5	15.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	7	1.9%	6.3	28.6%
Heterosexual Exposure (HET)	142	38.8%	3.6	53.5%
Other Exposures	1	0.3%	0.0	100.0%
No Reported Exposure	106		4.3	37.7%
TOTAL	472		4.5	42.8%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	237	100.0%	4.2	47.3%
Men who have Sex with Men (MSM)	134	56.5%	3.3	52.2%
Injection Drug Users (IDU)	43	18.1%	8.5	16.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	7	3.0%	6.3	28.6%
Heterosexual Exposure (HET)	52	21.9%	2.9	61.5%
Other Exposures	1	0.4%	0.0	100.0%
No Reported Exposure	56		4.0	37.5%
TOTAL	293		4.2	45.4%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	129	100.0%	5.4	38.8%
Injection Drug Users (IDU)	39	30.2%	8.5	15.4%
Heterosexual Exposure (HET)	90	69.8%	4.0	48.9%
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure*	50		4.5	38.0%
TOTAL	179		5.1	38.5%

* Includes 8 AIDS cases with Presumed Female Heterosexual exposure

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	5,475	100.0%	8,404	100.0%	13,879	100.0%
Men who have Sex with Men (MSM)	2,086	38.1%	2,224	26.5%	4,310	31.1%
Injection Drug Users (IDU)	1,450	26.5%	3,192	38.0%	4,642	33.4%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	157	2.9%	367	4.4%	524	3.8%
Heterosexual Exposure (HET)	1,765	32.2%	2,580	30.7%	4,345	31.3%
Other Exposures	17	0.3%	41	0.5%	58	0.4%
No Reported Exposure	2,114		1,170		3,284	
TOTAL	7,589		9,574		17,163	

MALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	3,694	100.0%	5,415	100.0%	9,109	100.0%
Men who have Sex with Men (MSM)	2,086	56.5%	2,224	41.1%	4,310	47.3%
Injection Drug Users (IDU)	868	23.5%	1,913	35.3%	2,781	30.5%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	157	4.3%	367	6.8%	524	5.8%
Heterosexual Exposure (HET)	574	15.5%	887	16.4%	1,461	16.0%
Other Exposures	9	0.2%	24	0.4%	33	0.4%
No Reported Exposure	1,241		701		1,942	
TOTAL	4,935		6,116		11,051	

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	1,781	100.0%	2,989	100.0%	4,770	100.0%
Injection Drug Users (IDU)	582	32.7%	1,279	42.8%	1,861	39.0%
Heterosexual Exposure (HET)	1,191	66.9%	1,693	56.6%	2,884	60.5%
Other Exposures	8	0.4%	17	0.6%	25	0.5%
No Reported Exposure*	873		469		1,342	
TOTAL	2,654		3,458		6,112	

* Includes 77 HIV cases without AIDS and 36 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 12/31/2013 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	412	100.0%	10,656	100.0%	2,182	100.0%
Men who have Sex with Men (MSM)	164	39.8%	2,686	25.2%	1,239	56.8%
Injection Drug Users (IDU)	78	18.9%	3,915	36.7%	462	21.2%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	15	3.6%	405	3.8%	77	3.5%
Heterosexual Exposure (HET)	154	37.4%	3,614	33.9%	385	17.6%
Other Exposures	1	0.2%	36	0.3%	19	0.9%
No Reported Exposure	108		2,578		484	
TOTAL	520		13,234		2,666	

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	316	100.0%	6,688	100.0%	1,700	100.0%
Men who have Sex with Men (MSM)	164	51.9%	2,686	40.2%	1,239	72.9%
Injection Drug Users (IDU)	57	18.0%	2,404	35.9%	230	13.5%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	15	4.7%	405	6.1%	77	4.5%
Heterosexual Exposure (HET)	80	25.3%	1,176	17.6%	139	8.2%
Other Exposures	0	0.0%	17	0.3%	15	0.9%
No Reported Exposure	78		1,432		357	
TOTAL	394		8,120		2,057	

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	96	100.0%	3,968	100.0%	482	100.0%
Injection Drug Users (IDU)	21	21.9%	1,511	38.1%	232	48.1%
Heterosexual Exposure (HET)	74	77.1%	2,438	61.4%	246	51.0%
Other Exposures	1	1.0%	19	0.5%	4	0.8%
No Reported Exposure*	30		1,146		127	
TOTAL	126		5,114		609	

* Includes 4 Hispanic cases, 99 non-Hispanic black cases, and 8 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 12/31/2013 and Reported through 12/31/2014

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	13,879	8,991	64.8%	518	13.2%	15.8%	18.9%	52.1%
Men who have Sex with Men (MSM)	4,310	2,698	62.6%	544	9.0%	14.5%	20.3%	56.2%
Injection Drug Users (IDU)	4,642	3,018	65.0%	468	16.5%	18.8%	18.4%	46.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	524	336	64.1%	482	14.6%	17.9%	20.8%	46.7%
Heterosexual Exposure (HET)	4,345	2,899	66.7%	543	13.5%	13.5%	17.9%	55.1%
Other Exposures	58	40	69.0%	386	25.0%	20.0%	17.5%	37.5%
No Reported Exposure	3,284	1,644	50.1%	515	13.2%	16.1%	19.3%	51.5%
TOTAL	17,163	10,635	62.0%	517	13.2%	15.8%	19.0%	52.0%

* Includes 113 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	13,879	7,498	54.0%	68.7%	10,050
Men who have Sex with Men (MSM)	4,310	2,333	54.1%	70.8%	11,428
Injection Drug Users (IDU)	4,642	2,423	52.2%	65.7%	10,125
Men who have Sex with Men and Inject Drugs (MSM/IDU)	524	270	51.5%	65.9%	12,064
Heterosexual Exposure (HET)	4,345	2,438	56.1%	70.1%	8,452
Other Exposures	58	34	58.6%	58.8%	37,088
No Reported Exposure	3,284	1,461	44.5%	67.6%	9,126
TOTAL	17,163	8,959	52.2%	68.5%	10,000

* Includes 113 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.

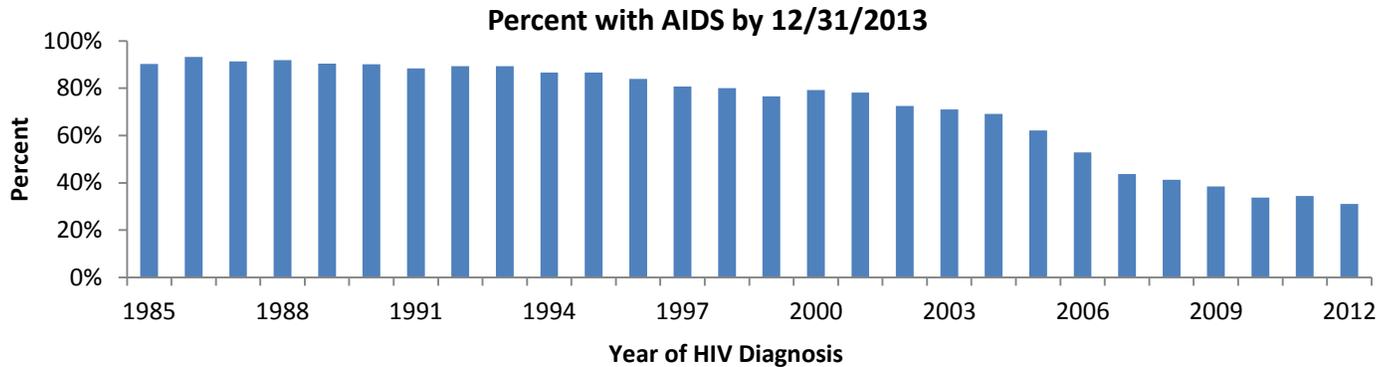
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

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

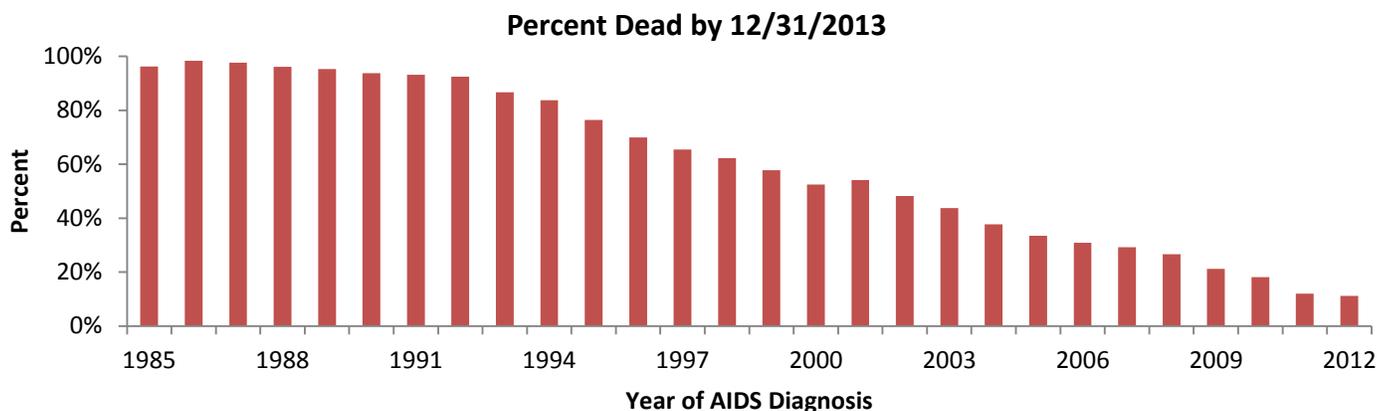
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/2012 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2013 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis 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	218	210	96.3%	6.8	34.9%	34.9%	38.5%	68.8%
1985	432	390	90.3%	6.5	25.9%	27.1%	35.0%	74.5%
1986	573	534	93.2%	5.5	33.7%	34.4%	46.2%	79.8%
1987	760	695	91.4%	4.6	33.4%	36.7%	54.3%	82.2%
1988	1,128	1,037	91.9%	3.8	38.4%	42.2%	63.8%	85.5%
1989	1,436	1,298	90.4%	3.6	38.0%	43.5%	67.2%	83.0%
1990	1,495	1,349	90.2%	3.0	44.0%	50.8%	73.0%	84.9%
1991	1,705	1,508	88.4%	2.7	46.0%	55.6%	73.1%	82.9%
1992	1,672	1,495	89.4%	2.5	50.7%	58.9%	75.3%	84.0%
1993	1,526	1,365	89.4%	2.2	54.2%	62.2%	76.6%	85.4%
1994	1,388	1,203	86.7%	2.3	53.0%	60.9%	73.5%	81.8%
1995	1,360	1,179	86.7%	2.2	57.2%	62.6%	72.5%	82.2%
1996	1,270	1,067	84.0%	1.9	59.4%	64.1%	71.3%	80.2%
1997	1,283	1,035	80.7%	2.0	55.4%	60.2%	68.7%	76.9%
1998	1,271	1,018	80.1%	2.0	55.2%	58.8%	67.5%	75.8%
1999	1,162	890	76.6%	1.5	56.4%	60.3%	68.3%	74.6%
2000	1,094	866	79.2%	1.6	56.4%	60.7%	70.0%	77.0%
2001	1,194	933	78.1%	1.3	59.0%	63.0%	71.4%	76.6%
2002	1,428	1,036	72.5%	1.5	54.3%	57.6%	64.4%	71.1%
2003	1,219	866	71.0%	1.2	54.6%	58.1%	63.8%	70.2%
2004	1,235	855	69.2%	1.2	53.0%	56.8%	63.0%	--
2005	1,282	798	62.2%	1.2	47.0%	49.8%	56.2%	--
2006	1,332	704	52.9%	1.2	38.8%	41.0%	48.2%	--
2007	1,229	537	43.7%	1.5	28.7%	31.6%	39.3%	--
2008	1,173	485	41.3%	1.3	28.1%	31.5%	--	--
2009	943	363	38.5%	1.1	27.1%	30.4%	--	--
2010	953	321	33.7%	0.8	25.4%	28.3%	--	--
2011	723	249	34.4%	0.5	27.9%	32.1%	--	--
2012	721	224	31.1%	0.4	28.2%	--	--	--
TOTAL	33,205	24,510	73.8%	2.3	45.7%	50.4%	61.3%	70.3%

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

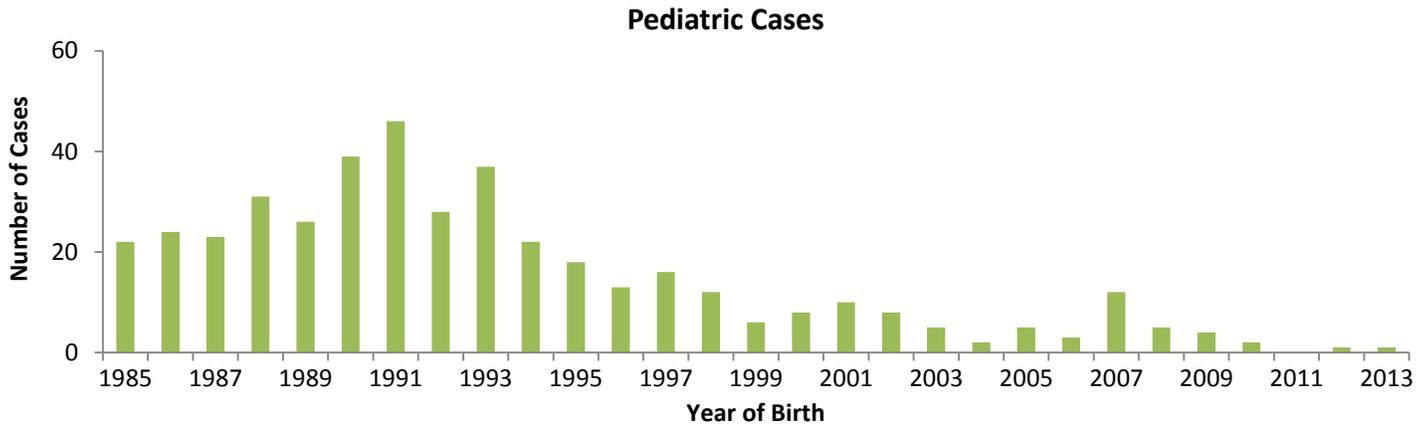


YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	77	72	93.5%	2.5	53.2%	33.8%	16.9%	14.3%
1985	105	101	96.2%	1.7	42.9%	21.9%	8.6%	6.7%
1986	174	171	98.3%	2.6	54.0%	35.6%	14.9%	8.6%
1987	263	257	97.7%	2.1	61.6%	33.5%	11.0%	4.9%
1988	436	419	96.1%	2.2	59.2%	39.0%	13.8%	6.4%
1989	557	531	95.3%	2.4	60.7%	39.5%	15.8%	8.3%
1990	785	736	93.8%	2.8	65.6%	46.4%	20.3%	11.8%
1991	976	910	93.2%	2.7	67.4%	46.0%	18.0%	12.1%
1992	1,347	1,246	92.5%	2.9	70.3%	48.8%	20.5%	14.4%
1993	1,549	1,343	86.7%	3.5	77.5%	55.5%	32.7%	21.2%
1994	1,382	1,157	83.7%	3.7	77.1%	58.5%	38.1%	24.2%
1995	1,397	1,067	76.4%	4.4	78.2%	66.1%	49.0%	34.9%
1996	1,324	926	69.9%	4.9	82.1%	75.0%	57.9%	42.0%
1997	1,135	742	65.4%	4.8	85.1%	77.0%	60.8%	44.7%
1998	1,037	645	62.2%	4.9	87.0%	79.8%	63.7%	47.0%
1999	1,023	591	57.8%	4.5	87.1%	80.1%	64.4%	49.0%
2000	890	466	52.4%	4.1	85.7%	80.3%	65.3%	52.8%
2001	1,019	551	54.1%	3.8	85.7%	77.0%	62.5%	50.3%
2002	1,083	522	48.2%	4.2	88.0%	82.0%	69.7%	56.7%
2003	945	413	43.7%	3.1	83.6%	78.2%	67.0%	57.7%
2004	966	364	37.7%	2.9	87.1%	82.4%	71.6%	--
2005	907	304	33.5%	2.7	88.4%	83.6%	73.9%	--
2006	812	250	30.8%	2.4	88.2%	83.5%	74.1%	--
2007	603	176	29.2%	2.4	88.4%	84.9%	76.1%	--
2008	597	159	26.6%	1.8	87.8%	83.4%	--	--
2009	520	110	21.2%	1.7	90.4%	86.5%	--	--
2010	569	103	18.1%	1.2	90.0%	86.8%	--	--
2011	465	56	12.0%	0.8	93.3%	90.5%	--	--
2012	512	57	11.1%	0.7	91.0%	--	--	--
TOTAL	23,455	14,445	61.6%	3.5	80.8%	69.7%	53.5%	43.7%

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. Alive on 12/31 of Each Year
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	
<1985	36	12	11	0	
1985	22	8	5	1	13
1986	24	9	7	4	17
1987	23	16	9	5	28
1988	31	19	9	4	43
1989	26	27	16	5	65
1990	39	36	15	5	96
1991	46	35	22	8	122
1992	28	46	30	9	158
1993	37	44	22	12	190
1994	22	31	24	12	208
1995	18	19	12	12	216
1996	13	19	14	14	216
1997	16	10	9	6	219
1998	12	16	9	3	232
1999	6	16	11	4	242
2000	8	8	3	0	249
2001	10	9	6	3	253
2002	8	8	9	3	258
2003	5	2	3	3	257
2004	2	5	3	3	260
2005	5	2	2	0	262
2006	3	5	6	2	263
2007	12	40	5	5	298
2008	5	9	6	3	304
2009	4	5	6	1	309
2010	2	3	8	4	307
2011	0	2	3	2	308
2012	1	2	1	3	307
2013	1	2	11	1	305
TOTAL	465	465	297	137	--

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
Anne Arundel	26	8.5%
Baltimore City	214	70.2%
Baltimore	44	14.4%
Carroll	2	0.7%
Harford	13	4.3%
Howard	6	2.0%
Queen Anne's	0	0.0%
TOTAL	305	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	132	43.3%
Female	173	56.7%
TOTAL	305	100.0%

RACE/ETHNICITY	Pediatric Total Living HIV Cases	
	No.	% of Total
Hispanic	0	0.0%
Non-Hispanic	2	100.0%
American Indian/ Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	2	100.0%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	0	0.0%
Multiracial/Other	0	0.0%
TOTAL	2	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.