

Baltimore Metro HIV/AIDS Epidemiological Profile

Fourth Quarter 2012

Data reported through December 31, 2012



Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Bureau

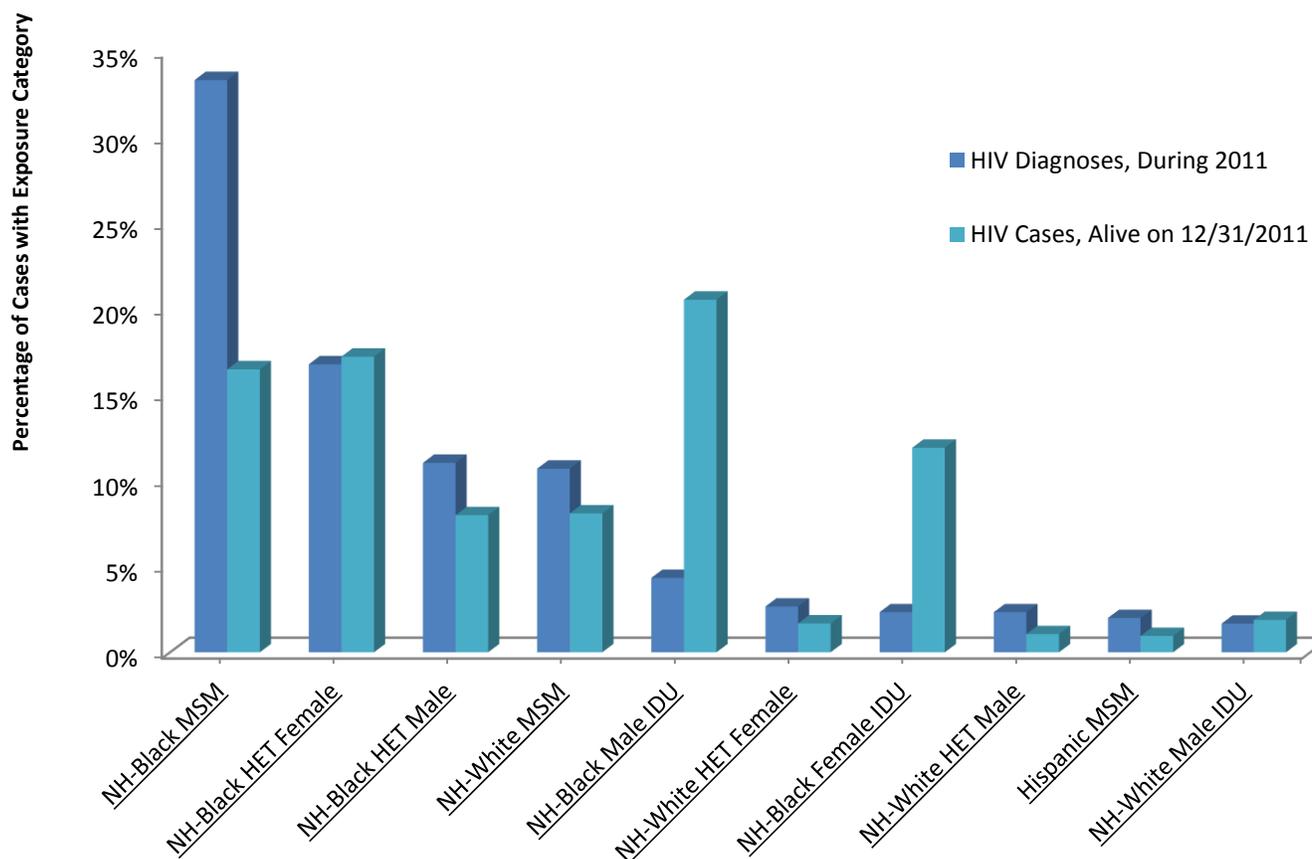
Prevention and Health Promotion Administration
Maryland Department of Health and Mental Hygiene

<http://phpa.dhmv.maryland.gov/oider/chse>

1-800-358-9001



Adult/Adolescent HIV Cases with Reported Exposures by Race/Ethnicity, Sex at Birth, and Exposure Categories, Baltimore-Towson MSA, 2011



Predominant HIV Risk Groups:

In order to reduce HIV transmissions and improve engagement in care for those infected with HIV, an understanding of the demographic and exposure categories among reported HIV cases is needed to identify the groups most likely to have HIV. In 2011, non-Hispanic (NH) Black males who have sex with males (MSM) accounted for the greatest proportion of new HIV diagnoses (33.3%) followed by NH-Black heterosexual (HET) females (16.8%) and NH-Black heterosexual males (11.1%). This is markedly different from the proportions of living HIV cases where the largest group was NH-Black male injection drug users (IDU) (20.6%), followed by NH-Black HET females (17.3%) and NH-Black MSM (16.5%). By identifying the disproportion in the demographic and exposure categories between new and existing HIV cases, resources may be better allocated for prevention, testing, and treatment services.

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Section I – Background Information

HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in COMAR 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing DHMH Form 1140. Reports are also accepted by phone.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department by mailing DHMH Form 1140. Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing DHMH Form 1140. Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the State Health Department to establish electronic reporting.
- Laboratory directors are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland State Health Department, by mailing DHMH Form 4492. Laboratories are encouraged to contact the State Health Department to establish electronic reporting.

Reporting forms and instructions are available on our website:

<http://phpa.dhmh.maryland.gov/oideor/chse/sitepages/reporting-material.aspx>

For Assistance with HIV/AIDS Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene at 410-767-5061.

Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis. Nationally, it has been estimated that 18% of people living with HIV infection are undiagnosed. In addition, despite a massive effort during which over 17,000 HIV cases were reported after the Maryland HIV reporting law changed on April 24, 2007, not all diagnosed HIV cases previously reported by Maryland's code-based identifier were located and re-reported by name. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an under-reporting of HIV diagnoses before 2001 and an over-reporting of HIV diagnoses from 2001 to 2008. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in the number of reported HIV diagnoses. 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.

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

For surveillance purposes, 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, or 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 have been 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 2011 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2011-12/31/2011, as reported by name through 12/31/2012.

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 12/31/2011 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2011 as reported by name through 12/31/2012.

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, 2012.

Live births are from the Maryland Department of Health and Mental Hygiene's [Maryland Vital Statistics Annual Report 2011](#).

Perinatal exposures and transmissions are from the Maryland Department of Health and Mental Hygiene's Enhanced Perinatal Surveillance System, December 31, 2012.

Population data by sex, age, and race are from the July 1, 2011 U.S. Census Estimates and by country-of-birth from the 2011 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).

On-line Mapping Tool

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

HIV Exposure Categories

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

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

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

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

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

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

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 400 copies per milliliter or greater.

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 400 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 7/1/2011.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2011.

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

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

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

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

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

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

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

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

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

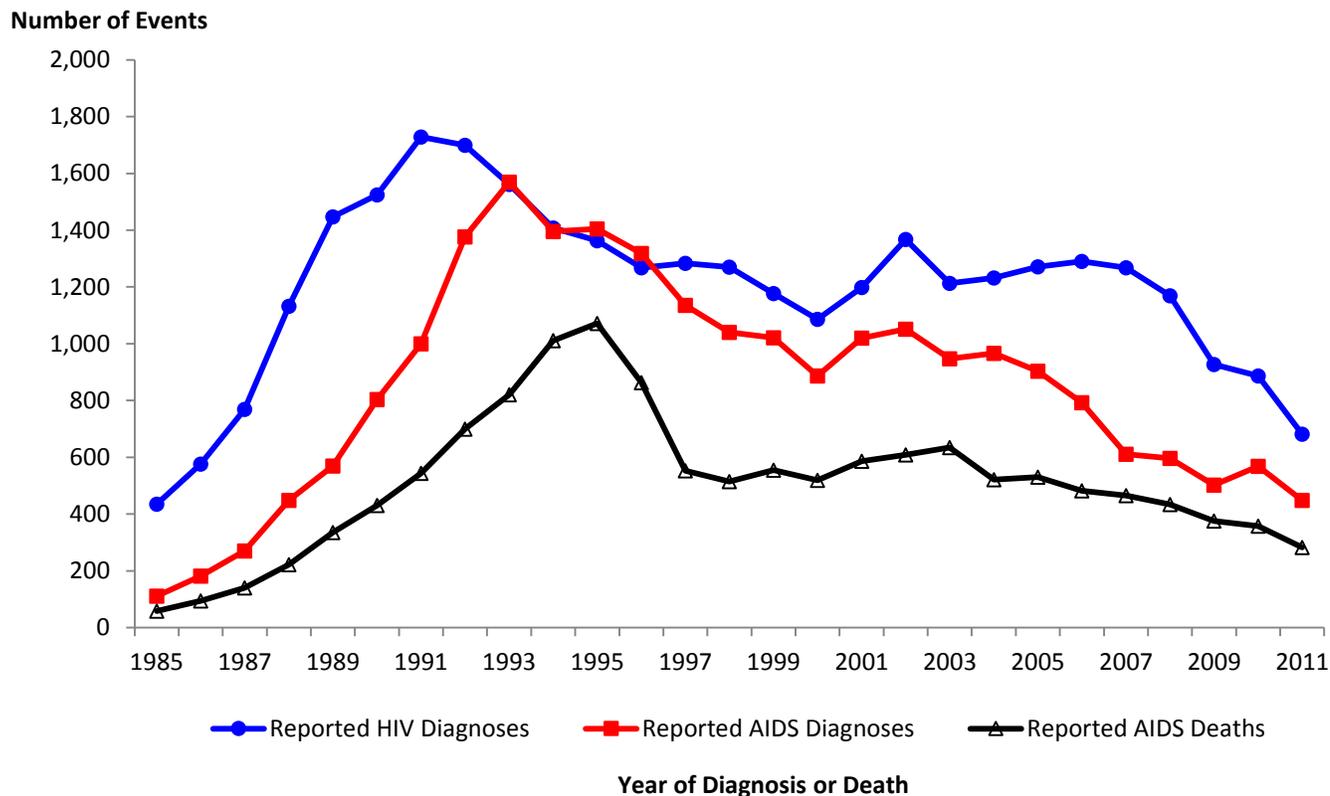
Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

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

Section II – Trends 1985-2011

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2011, Reported through 12/31/2012

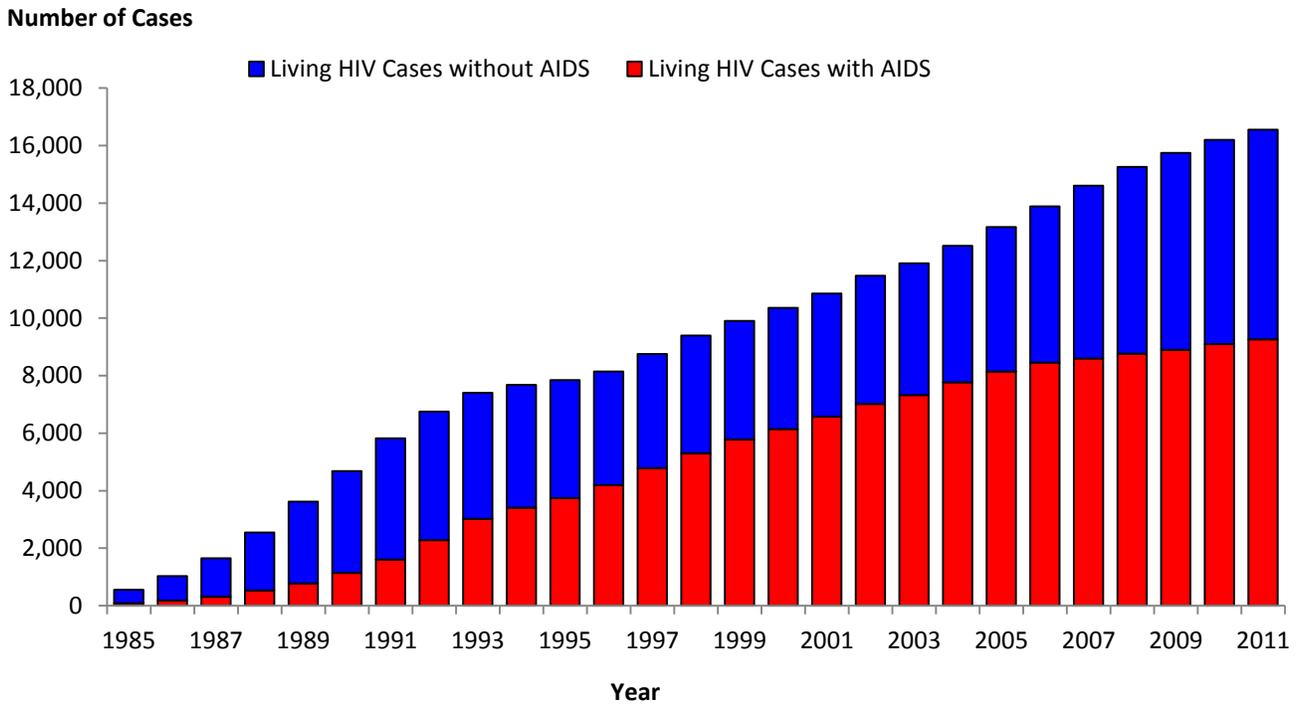
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnosis) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2011 as Reported through 12/31/2012



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	213	75	35	1998	1,270	1,040	515
1985	435	111	58	1999	1,177	1,021	555
1986	576	182	94	2000	1,086	887	519
1987	769	270	140	2001	1,198	1,020	586
1988	1,132	448	222	2002	1,368	1,051	609
1989	1,447	569	335	2003	1,213	947	634
1990	1,524	804	430	2004	1,232	966	521
1991	1,728	1,000	544	2005	1,271	904	530
1992	1,699	1,376	699	2006	1,290	792	482
1993	1,561	1,569	821	2007	1,268	611	465
1994	1,408	1,395	1,011	2008	1,169	596	434
1995	1,363	1,404	1,072	2009	927	502	376
1996	1,268	1,318	863	2010	887	568	358
1997	1,283	1,136	553	2011	682	449	283
				TOTAL	32,444	23,011	13,744

Figure 2 – Trends in Living HIV Cases, 1985-2011, Reported through 12/31/2012

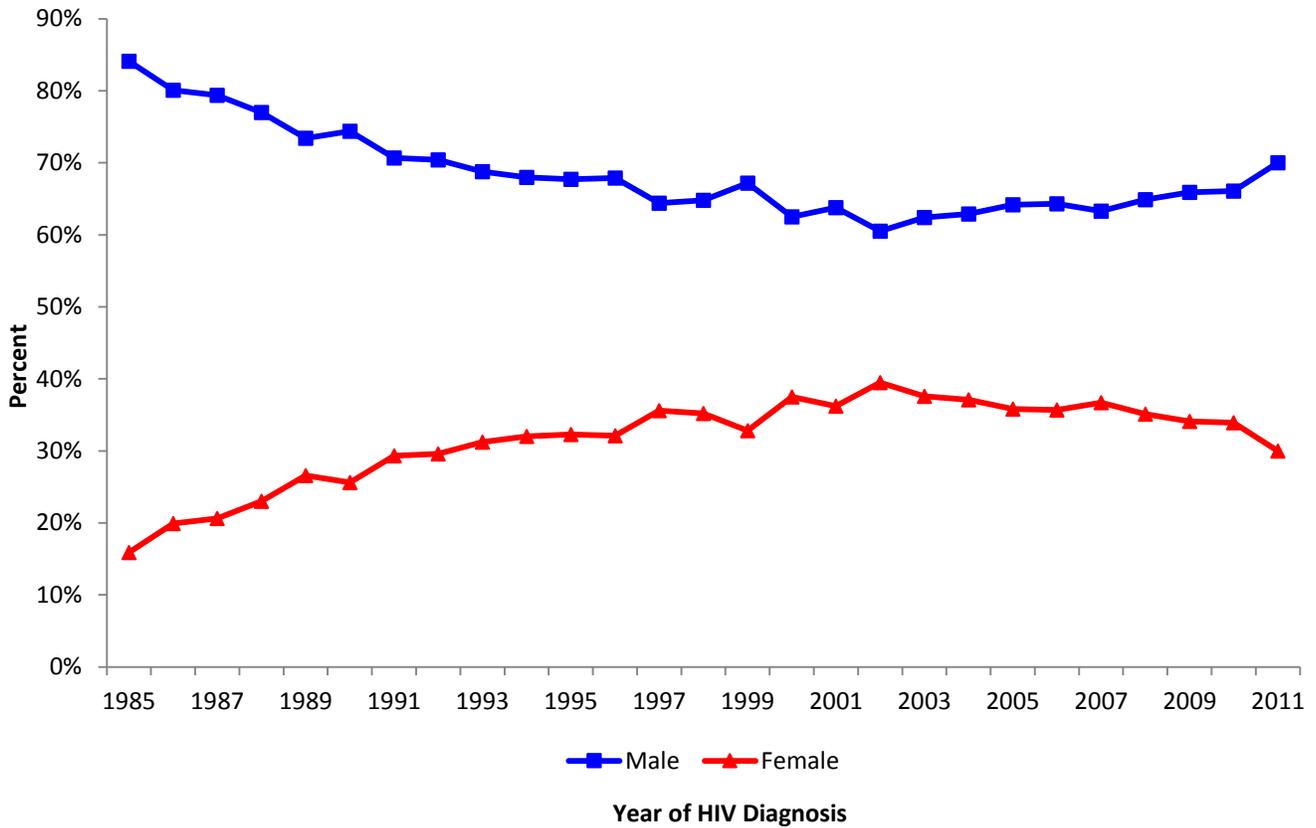
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2011, as Reported through 12/31/2012



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	461	93	554	1998	4,093	5,307	9,400
1986	848	181	1,029	1999	4,136	5,773	9,909
1987	1,340	312	1,652	2000	4,223	6,141	10,364
1988	2,010	538	2,548	2001	4,277	6,575	10,852
1989	2,851	772	3,623	2002	4,463	7,017	11,480
1990	3,537	1,146	4,683	2003	4,575	7,330	11,905
1991	4,221	1,602	5,823	2004	4,739	7,775	12,514
1992	4,468	2,279	6,747	2005	5,020	8,149	13,169
1993	4,377	3,027	7,404	2006	5,430	8,459	13,889
1994	4,272	3,412	7,684	2007	6,001	8,605	14,606
1995	4,104	3,744	7,848	2008	6,495	8,767	15,262
1996	3,946	4,199	8,145	2009	6,851	8,893	15,744
1997	3,971	4,782	8,753	2010	7,096	9,103	16,199
				2011	7,285	9,269	16,554

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2011, Reported through 12/31/2012

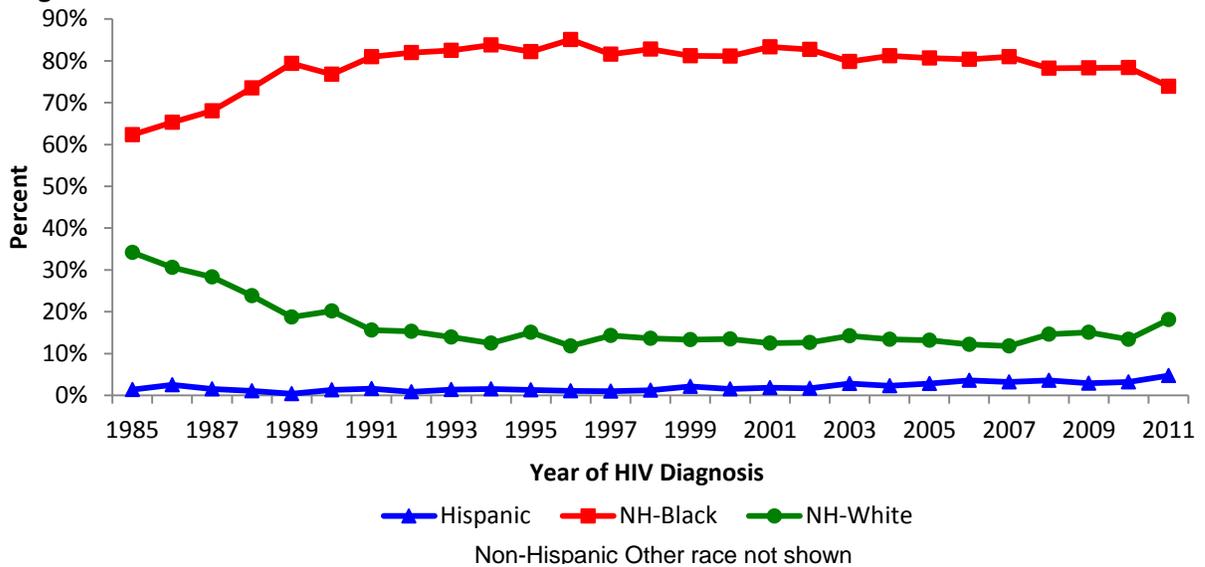
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



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	211	85.8%	14.2%	1998	1,254	64.8%	35.2%
1985	427	84.1%	15.9%	1999	1,162	67.2%	32.8%
1986	568	80.1%	19.9%	2000	1,078	62.5%	37.5%
1987	753	79.4%	20.6%	2001	1,189	63.8%	36.2%
1988	1,110	77.0%	23.0%	2002	1,361	60.5%	39.5%
1989	1,419	73.4%	26.6%	2003	1,211	62.4%	37.6%
1990	1,486	74.4%	25.6%	2004	1,228	62.9%	37.1%
1991	1,692	70.7%	29.3%	2005	1,270	64.2%	35.8%
1992	1,655	70.4%	29.6%	2006	1,284	64.3%	35.7%
1993	1,516	68.8%	31.2%	2007	1,234	63.3%	36.7%
1994	1,379	68.0%	32.0%	2008	1,161	64.9%	35.1%
1995	1,343	67.7%	32.3%	2009	922	65.9%	34.1%
1996	1,249	67.9%	32.1%	2010	885	66.1%	33.9%
1997	1,274	64.4%	35.6%	2011	679	70.0%	30.0%
				TOTAL	32,000	67.9%	32.1%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2011, Reported through 12/31/2012

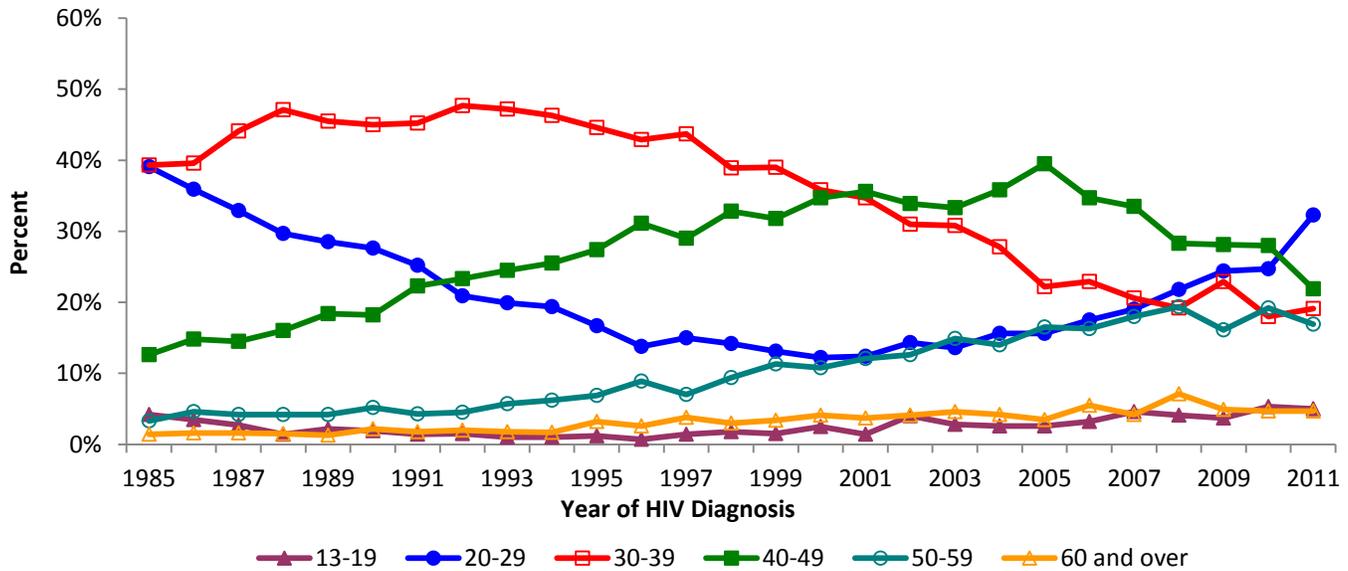
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	211	2.4%	54.5%	40.8%	2.4%
1985	427	1.4%	62.3%	34.2%	2.1%
1986	568	2.5%	65.3%	30.6%	1.6%
1987	753	1.5%	68.0%	28.3%	2.3%
1988	1,110	1.1%	73.5%	23.8%	1.6%
1989	1,419	0.4%	79.4%	18.7%	1.5%
1990	1,486	1.3%	76.8%	20.2%	1.7%
1991	1,692	1.6%	81.0%	15.6%	1.8%
1992	1,655	0.8%	82.0%	15.3%	1.9%
1993	1,516	1.4%	82.5%	13.9%	2.2%
1994	1,379	1.5%	83.8%	12.5%	2.2%
1995	1,343	1.3%	82.2%	15.1%	1.3%
1996	1,249	1.1%	85.1%	11.8%	1.9%
1997	1,274	1.0%	81.6%	14.3%	3.1%
1998	1,254	1.2%	82.8%	13.6%	2.5%
1999	1,162	2.1%	81.2%	13.3%	3.4%
2000	1,078	1.5%	81.1%	13.5%	4.0%
2001	1,189	1.8%	83.3%	12.5%	2.4%
2002	1,361	1.7%	82.7%	12.6%	3.0%
2003	1,211	2.8%	79.8%	14.2%	3.2%
2004	1,228	2.3%	81.2%	13.4%	3.2%
2005	1,270	2.8%	80.7%	13.2%	3.2%
2006	1,284	3.6%	80.4%	12.2%	3.8%
2007	1,234	3.2%	81.0%	11.8%	4.0%
2008	1,161	3.6%	78.2%	14.6%	3.6%
2009	922	2.9%	78.3%	15.1%	3.7%
2010	885	3.2%	78.4%	13.4%	5.0%
2011	679	4.7%	73.9%	18.1%	3.2%
TOTAL	32,000	1.9%	79.7%	15.7%	2.7%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2011, Reported through 12/31/2012

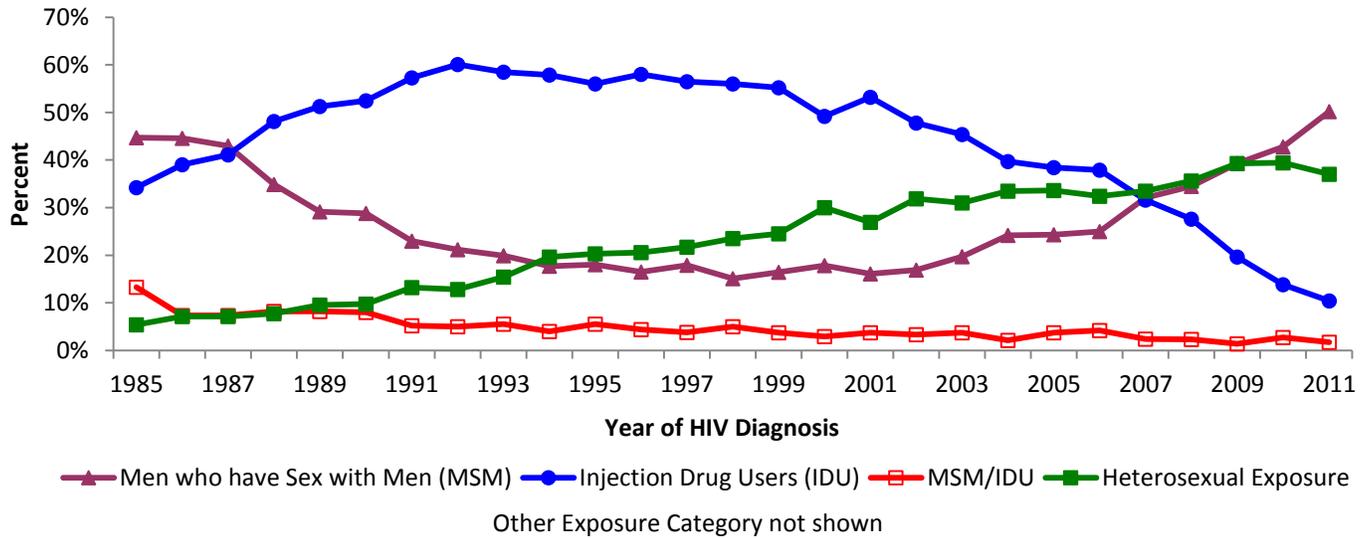
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



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	211	5.2%	44.1%	30.3%	13.7%	6.2%	0.5%
1985	427	4.2%	39.1%	39.3%	12.6%	3.3%	1.4%
1986	568	3.5%	35.9%	39.6%	14.8%	4.6%	1.6%
1987	753	2.7%	32.9%	44.1%	14.5%	4.2%	1.6%
1988	1,110	1.4%	29.7%	47.1%	16.0%	4.2%	1.5%
1989	1,419	2.2%	28.5%	45.5%	18.4%	4.2%	1.3%
1990	1,486	1.9%	27.6%	45.0%	18.2%	5.2%	2.2%
1991	1,692	1.4%	25.2%	45.2%	22.3%	4.3%	1.8%
1992	1,655	1.5%	20.9%	47.7%	23.3%	4.5%	2.0%
1993	1,516	1.0%	19.9%	47.2%	24.5%	5.7%	1.8%
1994	1,379	1.0%	19.4%	46.3%	25.5%	6.2%	1.7%
1995	1,343	1.2%	16.7%	44.6%	27.4%	6.9%	3.2%
1996	1,249	0.7%	13.8%	42.9%	31.1%	8.9%	2.6%
1997	1,274	1.4%	15.0%	43.7%	29.0%	7.0%	3.8%
1998	1,254	1.8%	14.2%	38.9%	32.8%	9.4%	3.0%
1999	1,162	1.5%	13.1%	39.0%	31.8%	11.3%	3.4%
2000	1,078	2.5%	12.2%	35.8%	34.7%	10.8%	4.1%
2001	1,189	1.4%	12.4%	34.7%	35.6%	12.1%	3.7%
2002	1,361	4.0%	14.3%	31.0%	33.9%	12.6%	4.1%
2003	1,211	2.8%	13.6%	30.8%	33.3%	14.9%	4.6%
2004	1,228	2.6%	15.6%	27.8%	35.8%	14.0%	4.2%
2005	1,270	2.6%	15.6%	22.2%	39.5%	16.5%	3.5%
2006	1,284	3.2%	17.5%	22.9%	34.7%	16.3%	5.5%
2007	1,234	4.6%	19.0%	20.6%	33.5%	18.0%	4.2%
2008	1,161	4.1%	21.8%	19.2%	28.3%	19.4%	7.1%
2009	922	3.7%	24.4%	22.9%	28.1%	16.1%	4.9%
2010	885	5.3%	24.7%	18.0%	28.0%	19.2%	4.7%
2011	679	5.0%	32.3%	19.1%	21.9%	16.9%	4.7%
TOTAL	32,000	2.4%	20.4%	36.4%	27.6%	10.0%	3.2%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2011, Reported through 12/31/2012

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 2011, as Reported through 12/31/2012



YEAR	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					% Other Exposure
		No.	% MSM	% IDU	% MSM/IDU	% HET	
<1985	211	207	55.6%	28.5%	7.7%	3.9%	4.3%
1985	427	407	44.7%	34.2%	13.3%	5.4%	2.5%
1986	568	551	44.6%	39.0%	7.3%	7.1%	2.0%
1987	753	730	43.0%	41.1%	7.3%	7.1%	1.5%
1988	1,110	1,073	34.9%	48.1%	8.2%	7.7%	1.0%
1989	1,419	1,375	29.1%	51.3%	8.2%	9.5%	1.8%
1990	1,486	1,426	28.8%	52.5%	8.0%	9.7%	0.9%
1991	1,692	1,614	23.0%	57.3%	5.2%	13.2%	1.2%
1992	1,655	1,568	21.2%	60.1%	5.0%	12.8%	0.8%
1993	1,516	1,459	19.9%	58.5%	5.5%	15.4%	0.7%
1994	1,379	1,314	17.7%	57.9%	4.0%	19.6%	0.7%
1995	1,343	1,279	18.0%	56.0%	5.5%	20.3%	0.3%
1996	1,249	1,177	16.5%	58.0%	4.4%	20.6%	0.4%
1997	1,274	1,176	17.9%	56.5%	3.8%	21.7%	0.1%
1998	1,254	1,158	15.1%	56.0%	5.0%	23.5%	0.3%
1999	1,162	1,053	16.4%	55.2%	3.7%	24.5%	0.2%
2000	1,078	969	17.8%	49.2%	2.9%	30.0%	0.1%
2001	1,189	1,054	16.1%	53.2%	3.7%	26.9%	0.1%
2002	1,361	1,159	16.9%	47.8%	3.3%	31.9%	0.1%
2003	1,211	1,063	19.7%	45.4%	3.7%	31.0%	0.3%
2004	1,228	1,050	24.2%	39.7%	2.1%	33.5%	0.5%
2005	1,270	1,009	24.3%	38.4%	3.7%	33.6%	0.1%
2006	1,284	939	25.0%	37.9%	4.2%	32.4%	0.5%
2007	1,234	847	32.1%	31.6%	2.4%	33.5%	0.4%
2008	1,161	733	34.5%	27.6%	2.3%	35.6%	0.0%
2009	922	491	39.3%	19.6%	1.4%	39.3%	0.4%
2010	885	376	42.8%	13.8%	2.7%	39.4%	1.3%
2011	679	297	50.2%	10.4%	1.7%	37.0%	0.7%
TOTAL	32,000	27,554	24.5%	48.4%	4.9%	21.5%	0.7%

Section III – Adult/Adolescent Cases by Jurisdiction

Table 1 – Adult/Adolescent HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Jurisdiction, Reported through 12/31/2012

JURISDICTION OF RESIDENCE AT HIV DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late HIV Diagnosis
					No. with Test	% with Test	Median Count		
ANNE ARUNDEL CO.	454,211	48	7.1%	10.6	40	83.3%	198	81.3%	45.8%
BALTIMORE CITY	520,768	424	62.4%	81.4	322	75.9%	362	71.5%	26.4%
BALTIMORE CO.	684,439	149	21.9%	21.8	121	81.2%	335	73.2%	28.2%
CARROLL CO.	140,329	3	0.4%	2.1	***	***	***	***	***
HARFORD CO.	205,356	24	3.5%	11.7	17	70.8%	398	70.8%	29.2%
HOWARD CO.	241,940	28	4.1%	11.6	19	67.9%	486	67.9%	7.1%
QUEEN ANNE'S CO.	40,551	3	0.4%	7.4	***	***	***	***	***
METRO TOTAL	2,287,594	679	100.0%	29.7	524	77.2%	353	72.6%	27.7%

*** 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 7/1/2011.

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.

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 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 2 – Adult/Adolescent AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction, Reported through 12/31/2012

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 CO.	454,211	40	9.0%	8.8	2.4	57.5%
BALTIMORE CITY	520,768	303	68.1%	58.2	4.9	37.0%
BALTIMORE CO.	684,439	81	18.2%	11.8	3.9	53.1%
CARROLL CO.	140,329	2	0.4%	1.4	--	--
HARFORD CO.	205,356	11	2.5%	5.4	3.7	54.5%
HOWARD CO.	241,940	4	0.9%	1.7	--	--
QUEEN ANNE'S CO.	40,551	4	0.9%	9.9	--	--
METRO TOTAL	2,287,594	445	100.0%	19.5	4.4	42.7%

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

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

Population Age 13+: Population age 13 years or older, estimate for 7/1/2011.

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 12/31/2011, by Jurisdiction, Reported through 12/31/2012

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 CO.	454,211	390	5.5%	85.9	566	6.2%	124.6	956	5.9%	210.5	475
BALTIMORE CITY	520,768	5,333	74.9%	1,024.1	6,739	73.9%	1,294.1	12,072	74.3%	2,318.1	43
BALTIMORE CO.	684,439	979	13.8%	143.0	1,317	14.4%	192.4	2,296	14.1%	335.5	298
CARROLL CO.	140,329	52	0.7%	37.1	60	0.7%	42.8	112	0.7%	79.8	1,252
HARFORD CO.	205,356	151	2.1%	73.5	203	2.2%	98.9	354	2.2%	172.4	580
HOWARD CO.	241,940	199	2.8%	82.3	204	2.2%	84.3	403	2.5%	166.6	600
QUEEN ANNE'S CO.	40,551	14	0.2%	34.5	32	0.4%	78.9	46	0.3%	113.4	881
METRO TOTAL	2,287,594	7,118	100.0%	311.2	9,121	100.0%	398.7	16,239	100.0%	709.9	140

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 7/1/2011.

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 12/31/2011, Reported through 12/31/2012

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
ANNE ARUNDEL CO.	956	412	43.1%	450	17.0%	19.4%	19.2%	44.4%
BALTIMORE CITY	12,072	5,905	48.9%	444	17.7%	18.8%	20.8%	42.7%
BALTIMORE CO.	2,296	1,047	45.6%	452	16.7%	19.2%	20.1%	44.0%
CARROLL CO.	112	40	35.7%	471	10.0%	12.5%	30.0%	47.5%
HARFORD CO.	354	137	38.7%	438	19.0%	19.7%	17.5%	43.8%
HOWARD CO.	403	149	37.0%	584	11.4%	16.1%	14.1%	58.4%
QUEEN ANNE'S CO.	46	26	56.5%	373	15.4%	34.6%	7.7%	42.3%
METRO TOTAL	16,239	7,716	47.5%	447	17.4%	18.9%	20.4%	43.3%

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 12/31/2011, by Jurisdiction, Reported through 12/31/2012

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
ANNE ARUNDEL CO.	956	362	37.9%	66.6%	13,343
BALTIMORE CITY	12,072	4,952	41.0%	64.6%	13,603
BALTIMORE CO.	2,296	955	41.6%	69.8%	12,296
CARROLL CO.	112	46	41.1%	78.3%	4,139
HARFORD CO.	354	148	41.8%	71.6%	7,736
HOWARD CO.	403	149	37.0%	77.9%	10,214
QUEEN ANNE'S CO.	46	22	47.8%	50.0%	5,904
METRO TOTAL	16,239	6,634	40.9%	65.9%	13,000

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.

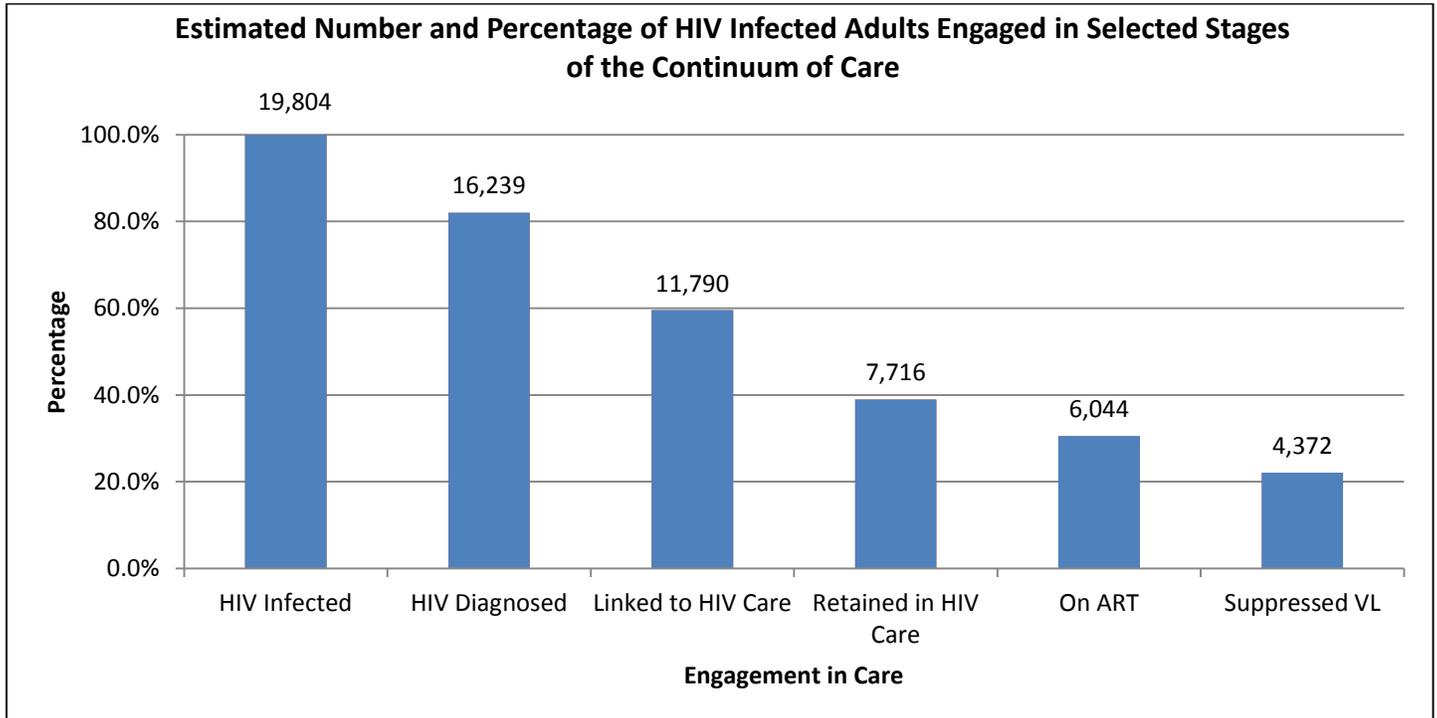
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

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 400 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 400 copies per milliliter or greater.

Figure 7 – Estimated Adult/Adolescent 2011 HIV Continuum of Care, Reported through 12/31/2012

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 (18%) 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	19,804	100.0%
HIV Diagnosed	16,239	82.0%
Linked to HIV Care	11,790	59.5%
Retained in HIV Care	7,716	39.0%
On ART	6,044	30.5%
Suppressed VL	4,372	22.1%

HIV Infected: HIV Diagnosed divided by one minus the national estimate of undiagnosed HIV infections (18%).

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 400 copies per milliliter.

Section IV – Cases by Age

Table 6 – HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2012

AGE AT HIV DIAGNOSIS	Population	Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
<5 (Pediatric)	168,725	1	0.1%	0.6	***	***	***	***	***
5-12 (Pediatric)	272,792	2	0.3%	0.7	***	***	***	***	***
13-19	253,237	34	5.0%	13.4	25	73.5%	485	76.5%	8.8%
20-29	386,780	219	32.1%	56.6	179	81.7%	383	71.7%	21.5%
30-39	343,385	130	19.1%	37.9	106	81.5%	357	76.2%	28.5%
40-49	398,407	149	21.8%	37.4	112	75.2%	331	70.5%	29.5%
50-59	395,202	115	16.9%	29.1	76	66.1%	237	70.4%	35.7%
60+	510,582	32	4.7%	6.3	26	81.3%	313	78.1%	50.0%
TOTAL	2,729,110	682	100.0%	25.0	526	77.1%	353	72.7%	27.7%

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

Table 7 – AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2012

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	168,725	1	0.2%	0.6	--	--
5-12 (Pediatric)	272,792	0	0.0%	0.0	--	--
13-19	253,237	8	1.8%	3.2	6.6	12.5%
20-29	386,780	96	21.4%	24.8	2.2	49.0%
30-39	343,385	87	19.4%	25.3	4.0	44.8%
40-49	398,407	122	27.2%	30.6	5.5	36.9%
50-59	395,202	101	22.5%	25.6	5.4	42.6%
60+	510,582	34	7.6%	6.7	5.1	44.1%
TOTAL	2,729,110	449	100.0%	16.5	4.5	42.5%

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 7/1/2011.

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.

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 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.

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 12/31/2011, by Age on 12/31/2011, Reported through 12/31/2012

AGE ON 12/31/2011	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)	168,725	15	0.2%	8.9	2	0.0%	1.2	17	0.1%	10.1	9,925
5-12 (Pediatric)	272,792	39	0.5%	14.3	5	0.1%	1.8	44	0.3%	16.1	6,199
13-19	253,237	120	1.6%	47.4	56	0.6%	22.1	176	1.1%	69.5	1,438
20-29	386,780	1,105	15.2%	285.7	494	5.3%	127.7	1,599	9.7%	413.4	241
30-39	343,385	1,273	17.5%	370.7	1,097	11.8%	319.5	2,370	14.3%	690.2	144
40-49	398,407	2,183	30.0%	547.9	3,148	34.0%	790.1	5,331	32.2%	1,338.1	74
50-59	395,202	1,878	25.8%	475.2	3,303	35.6%	835.8	5,181	31.3%	1,311.0	76
60+	510,582	672	9.2%	131.6	1,164	12.6%	228.0	1,836	11.1%	359.6	278
TOTAL	2,729,110	7,285	100.0%	266.9	9,269	100.0%	339.6	16,554	100.0%	606.6	164

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

Population: Population estimate for 7/1/2011.

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 12/31/2011, by Age on 12/31/2011, Reported through 12/31/2012

AGE ON 12/31/2011	Adult/Adolescent Total Living HIV Cases								
	No.	Recent CD4 Test Result						350-499	500+
		No. with Test	% with Test	Median Count	<200	200-349			
13-19	57	32	56.1%	468	9.4%	31.3%	18.8%	40.6%	
20-29	1,467	770	52.5%	446	14.8%	20.0%	21.9%	43.2%	
30-39	2,367	1,067	45.1%	438	18.7%	18.3%	21.3%	41.7%	
40-49	5,331	2,424	45.5%	442	19.6%	17.8%	19.8%	42.9%	
50-59	5,181	2,572	49.6%	448	17.4%	19.0%	20.0%	43.6%	
60+	1,836	851	46.4%	466	12.1%	20.9%	21.3%	45.7%	
TOTAL	16,239	7,716	47.5%	447	17.4%	18.9%	20.4%	43.3%	

Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, by Age on 12/31/2011, Reported through 12/31/2012

AGE ON 12/31/2011	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
13-19	57	37	64.9%	27.0%	15,947
20-29	1,467	725	49.4%	44.4%	9,946
30-39	2,367	947	40.0%	61.1%	14,929
40-49	5,331	2,110	39.6%	66.0%	13,590
50-59	5,181	2,113	40.8%	71.6%	14,057
60+	1,836	702	38.2%	79.8%	10,564
TOTAL	16,239	6,634	40.9%	65.9%	13,000

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 400 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 400 copies per milliliter or greater.

Section V – Adult/Adolescent Cases by Demographics

Table 11 – Adult/Adolescent HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2012

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
Male	1,089,775	475	70.0%	43.6	354	74.5%	349	70.9%	27.4%
Female	1,197,819	204	30.0%	17.0	170	83.3%	360	76.5%	28.4%
TOTAL	2,287,594	679	100.0%	29.7	524	77.2%	353	72.6%	27.7%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
Hispanic	96,805	32	4.7%	33.1	29	90.6%	206	81.3%	50.0%
Non-Hispanic	2,190,789	647	95.3%	29.5	495	76.5%	359	72.2%	26.6%
American Indian/ Alaska Native, only	5,803	1	0.1%	17.2	***	***	***	***	***
Asian, only	106,045	4	0.6%	3.8	***	***	***	***	***
Black, only	635,224	502	73.9%	79.0	371	73.9%	351	70.1%	25.3%
Native Hawaiian/Other Pacific Islander, only	1,076	0	0.0%	0.0	--	--	--	--	--
White, only	1,409,362	123	18.1%	8.7	103	83.7%	384	77.2%	30.1%
Multiracial/Other	33,278	17	2.5%	51.1	17	100.0%	386	94.1%	29.4%
TOTAL	2,287,594	679	100.0%	29.7	524	77.2%	353	72.6%	27.7%

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
United States	2,031,385	591	87.0%	29.1	448	75.8%	362	70.6%	26.9%
Foreign-born	234,117	18	2.7%	7.7	17	94.4%	137	83.3%	61.1%
Africa	--	12	1.8%	--	11	91.7%	137	91.7%	58.3%
Asia	--	1	0.1%	--	***	***	***	***	***
Caribbean	--	0	0.0%	--	--	--	--	--	--
Central America	--	4	0.6%	--	***	***	***	***	***
Other	--	1	0.1%	--	***	***	***	***	***
Unknown	--	70	10.3%	--	59	84.3%	335	87.1%	25.7%
TOTAL	2,265,502	679	100.0%	30.0	524	77.2%	353	72.6%	27.7%

* Population data by sex at birth, age, and race/ethnicity are from the 2011 U.S. Census

** Population data by country of birth are from the 2011 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 7/1/2011.

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.

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 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 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2012

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	1,089,775	285	64.0%	26.2	4.1	45.6%
Female	1,197,819	160	36.0%	13.4	5.0	37.5%
TOTAL	2,287,594	445	100.0%	19.5	4.4	42.7%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	96,805	23	5.2%	23.8	2.2	69.6%
Non-Hispanic	2,190,789	422	94.8%	19.3	4.5	41.2%
American Indian/ Alaska Native, only	5,803	1	0.2%	17.2	***	***
Asian, only	106,045	3	0.7%	2.8	***	***
Black, only	635,224	347	78.0%	54.6	4.9	36.9%
Native Hawaiian/Other Pacific Islander, only	1,076	0	0.0%	0.0	--	--
White, only	1,409,362	55	12.4%	3.9	3.0	61.8%
Multiracial/Other	33,278	16	3.6%	48.1	3.6	50.0%
TOTAL	2,287,594	445	100.0%	19.5	4.4	42.7%

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
United States	2,031,385	408	91.7%	20.1	4.6	39.7%
Foreign-born	234,117	14	3.1%	6.0	3.2	64.3%
Africa	--	8	1.8%	--	1.8	75.0%
Asia	--	1	0.2%	--	***	***
Caribbean	--	1	0.2%	--	***	***
Central America	--	4	0.9%	--	***	***
Other	--	0	0.0%	--	--	--
Unknown	--	23	5.2%	--	1.1	82.6%
TOTAL	2,265,502	445	100.0%	19.6	4.4	42.7%

* Population data by sex at birth, age, and race/ethnicity are from the 2011 U.S. Census

** Population data by country of birth are from the 2011 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 7/1/2011.

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 12/31/2011 and Reported through 12/31/2012

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	1,089,775	4,452	62.5%	408.5	5,834	64.0%	535.3	10,286	63.3%	943.9	105
Female	1,197,819	2,666	37.5%	222.6	3,287	36.0%	274.4	5,953	36.7%	497.0	201
Total	2,287,594	7,118	100.0%	311.2	9,121	100.0%	398.7	16,239	100.0%	709.9	140

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	96,805	169	2.4%	174.6	285	3.1%	294.4	454	2.8%	469.0	213
Non-Hispanic	2,190,789	6,949	97.6%	317.2	8,836	96.9%	403.3	15,785	97.2%	720.5	138
American Indian/Alaska Native, only	5,803	11	0.2%	189.6	7	0.1%	120.6	18	0.1%	310.2	322
Asian, only	106,045	28	0.4%	26.4	16	0.2%	15.1	44	0.3%	41.5	2,410
Black, only	635,224	5,560	78.1%	875.3	7,117	78.0%	1,120.4	12,677	78.1%	1,995.7	50
Native Hawaiian/ Other Pacific Islander, only	1,076	3	0.0%	278.8	4	0.0%	371.7	7	0.0%	650.6	153
White, only	1,409,362	1,174	16.5%	83.3	1,331	14.6%	94.4	2,505	15.4%	177.7	562
Multiracial/Other	33,278	173	2.4%	519.9	361	4.0%	1,084.8	534	3.3%	1,604.7	62
TOTAL	2,287,594	7,118	100.0%	311.2	9,121	100.0%	398.7	16,239	100.0%	709.9	140

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	2,031,385	6,804	95.6%	334.9	8,747	95.9%	430.6	15,551	95.8%	765.5	130
Foreign-born	234,117	119	1.7%	50.8	295	3.2%	126.0	414	2.5%	176.8	565
Africa	--	49	0.7%	--	147	1.6%	--	196	1.2%	--	--
Asia	--	9	0.1%	--	20	0.2%	--	29	0.2%	--	--
Caribbean	--	11	0.2%	--	31	0.3%	--	42	0.3%	--	--
Central America	--	23	0.3%	--	57	0.6%	--	80	0.5%	--	--
Other	--	27	0.4%	--	40	0.4%	--	67	0.4%	--	--
Unknown	--	195	2.7%	--	79	0.9%	--	274	1.7%	--	--
TOTAL	2,265,502	7,118	100.0%	314.2	9,121	100.0%	402.6	16,239	100.0%	716.8	139

* Population data by sex at birth, age, and race/ethnicity are from the 2011 U.S. Census

** Population data by country of birth are from the 2011 American Community Survey

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2011.

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 12/31/2011 and Reported through 12/31/2012

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases								
	No.	Recent CD4 Test Result						350-499	500+
		No. with Test	% with Test	Median Count	<200	200-349			
Male	10,286	4,740	46.1%	430	17.1%	20.5%	21.6%	40.7%	
Female	5,953	2,976	50.0%	477	17.8%	16.3%	18.5%	47.4%	
TOTAL	16,239	7,716	47.5%	447	17.4%	18.9%	20.4%	43.3%	

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases								
	No.	Recent CD4 Test Result						350-499	500+
		No. with Test	% with Test	Median Count	<200	200-349			
Hispanic	454	227	50.0%	401	16.7%	24.2%	18.1%	41.0%	
Non-Hispanic	15,785	7,489	47.4%	448	17.4%	18.7%	20.5%	43.4%	
American Indian/ Alaska Native, only	18	***	***	***	***	***	***	***	
Asian, only	44	***	***	***	***	***	***	***	
Black, only	12,677	6,112	48.2%	443	17.6%	18.9%	20.8%	42.7%	
Native Hawaiian/Other Pacific Islander, only	7	0	0.0%	--	--	--	--	--	
White, only	2,505	993	39.6%	501	13.4%	17.0%	19.5%	50.1%	
Multiracial/Other	534	364	68.2%	402	24.7%	20.3%	19.0%	36.0%	
TOTAL	16,239	7,716	47.5%	447	17.4%	18.9%	20.4%	43.3%	

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases								
	No.	Recent CD4 Test Result						350-499	500+
		No. with Test	% with Test	Median Count	<200	200-349			
United States	15,551	7,406	47.6%	450	17.5%	18.6%	20.3%	43.6%	
Foreign-born	414	160	38.6%	424	15.0%	26.9%	20.0%	38.1%	
Africa	196	82	41.8%	443	15.9%	24.4%	22.0%	37.8%	
Asia	29	8	27.6%	491	12.5%	25.0%	12.5%	50.0%	
Caribbean	42	15	35.7%	363	6.7%	40.0%	13.3%	40.0%	
Central America	80	34	42.5%	365	20.6%	29.4%	14.7%	35.3%	
Other	67	21	31.3%	447	9.5%	23.8%	28.6%	38.1%	
Unknown	274	150	54.7%	423	14.7%	24.7%	26.0%	34.7%	
TOTAL	16,239	7,716	47.5%	447	17.4%	18.9%	20.4%	43.3%	

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

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

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

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 12/31/2011 and Reported through 12/31/2012

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	10,286	4,110	40.0%	68.2%	13,230
Female	5,953	2,524	42.4%	62.2%	12,759
TOTAL	16,239	6,634	40.9%	65.9%	13,000

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	454	211	46.5%	69.2%	10,381
Non-Hispanic	15,785	6,423	40.7%	65.8%	13,040
American Indian/ Alaska Native, only	18	***	***	***	***
Asian, only	44	16	36.4%	81.3%	20,422
Black, only	12,677	5,161	40.7%	63.7%	12,357
Native Hawaiian/ Other Pacific Islander, only	7	***	***	***	***
White, only	2,505	938	37.4%	76.7%	15,148
Multiracial/Other	534	304	56.9%	67.1%	22,847
TOTAL	16,239	6,634	40.9%	65.9%	13,000

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	15,551	6,337	40.7%	65.9%	12,951
Foreign-born	414	139	33.6%	76.3%	14,910
Africa	196	71	36.2%	76.1%	10,907
Asia	29	8	27.6%	75.0%	34,758
Caribbean	42	14	33.3%	85.7%	54,576
Central America	80	28	35.0%	64.3%	44,828
Other	67	18	26.9%	88.9%	517
Unknown	274	158	57.7%	60.8%	13,290
TOTAL	16,239	6,634	40.9%	65.9%	13,000

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

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

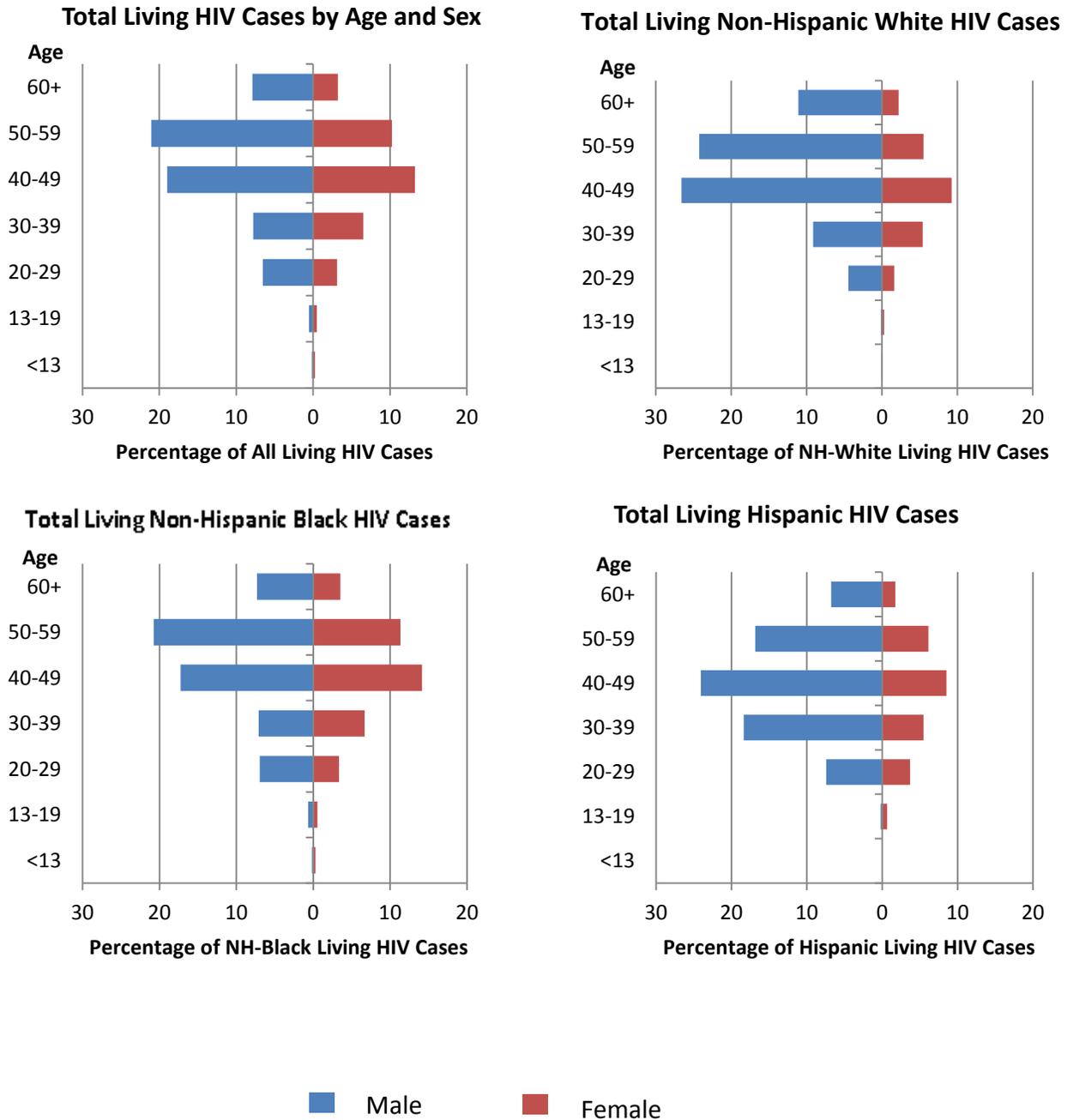
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

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 400 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 400 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 12/31/2011 and Reported through 12/31/2012



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 12/31/2011 and Reported through 12/31/2012

MALES						
AGE ON 12/31/2011		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	16,911	72,509	112,722	22,849	224,991
	Cases	0	21	2	1	24
	Rate	0.0	29.0	1.8	4.4	10.7
	Ratio (1 in X)	--	3,452	56,361	22,849	9,374
13-19	Population	7,156	41,888	69,990	10,330	129,364
	Cases	1	86	4	2	93
	Rate	14.0	205.3	5.7	19.4	71.9
	Ratio (1 in X)	7,156	487	17,497	5,165	1,391
20-29	Population	14,466	55,486	107,742	14,235	191,929
	Cases	34	902	113	37	1,086
	Rate	235.0	1,625.6	104.9	259.9	565.8
	Ratio (1 in X)	425	61	953	384	176
30-39	Population	13,731	45,019	92,240	14,466	165,456
	Cases	84	918	231	59	1,292
	Rate	611.8	2,039.1	250.4	407.9	780.9
	Ratio (1 in X)	163	49	399	245	128
40-49	Population	8,649	51,746	118,952	12,204	191,551
	Cases	110	2,236	672	122	3,140
	Rate	1,271.8	4,321.1	564.9	999.7	1,639.3
	Ratio (1 in X)	78	23	177	100	61
50-59	Population	4,505	46,374	128,747	9,178	188,804
	Cases	77	2,685	612	109	3,483
	Rate	1,709.2	5,789.9	475.4	1,187.6	1,844.8
	Ratio (1 in X)	58	17	210	84	54
60+	Population	3,177	45,496	165,034	8,964	222,671
	Cases	31	947	280	47	1,305
	Rate	975.8	2,081.5	169.7	524.3	586.1
	Ratio (1 in X)	102	48	589	190	170
TOTAL MALES BY RACE/ ETHNICITY	Population	68,595	358,518	795,427	92,226	1,314,766
	Cases	337	7,795	1,914	377	10,423
	Rate	491.3	2,174.2	240.6	408.8	792.8
	Ratio (1 in X)	203	45	415	244	126

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 7/1/2011.

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 12/31/2011 and Reported through 12/31/2012

FEMALES						
AGE ON 12/31/2011		RACE/ETHNICITY				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic, Other Race	
<13 (Pediatric)	Population	16,204	70,203	107,281	22,839	216,526
	Cases	0	36	0	1	37
	Rate	0.0	51.3	0.0	4.4	17.1
	Ratio (1 in X)	--	1,950	--	22,839	5,852
13-19	Population	6,521	41,535	65,853	9,963	123,873
	Cases	3	71	7	2	83
	Rate	46.0	170.9	10.6	20.1	67.0
	Ratio (1 in X)	2,173	585	9,407	4,981	1,492
20-29	Population	11,412	62,403	105,630	15,406	194,851
	Cases	17	432	41	23	513
	Rate	149.0	692.3	38.8	149.3	263.3
	Ratio (1 in X)	671	144	2,576	669	379
30-39	Population	11,416	55,558	94,308	16,647	177,929
	Cases	25	865	136	52	1,078
	Rate	219.0	1,556.9	144.2	312.4	605.9
	Ratio (1 in X)	456	64	693	320	165
40-49	Population	7,486	62,111	123,416	13,843	206,856
	Cases	39	1,834	233	85	2,191
	Rate	521.0	2,952.8	188.8	614.0	1,059.2
	Ratio (1 in X)	191	33	529	162	94
50-59	Population	4,437	58,128	133,764	10,069	206,398
	Cases	28	1,470	139	61	1,698
	Rate	631.1	2,528.9	103.9	605.8	822.7
	Ratio (1 in X)	158	39	962	165	121
60+	Population	3,850	69,480	203,684	10,897	287,911
	Cases	8	456	56	11	531
	Rate	207.8	656.3	27.5	100.9	184.4
	Ratio (1 in X)	481	152	3,637	990	542
TOTAL FEMALES BY RACE/ ETHNICITY	Population	61,326	419,418	833,936	99,664	1,414,344
	Cases	120	5,164	612	235	6,131
	Rate	195.7	1,231.2	73.4	235.8	433.5
	Ratio (1 in X)	511	81	1,362	424	230

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 7/1/2011.

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 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
With Exposure	297	100.0%	88.2%	362	80.8%	29.0%
Men who have Sex with Men (MSM)	149	50.2%	87.2%	377	79.9%	24.8%
Injection Drug Users (IDU)	31	10.4%	71.0%	389	64.5%	25.8%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	5	1.7%	100.0%	214	80.0%	80.0%
Heterosexual Exposure (HET)	110	37.0%	93.6%	363	86.4%	32.7%
Other Exposures	2	0.7%	100.0%	206	100.0%	50.0%
No Reported Exposure	382		68.6%	329	66.2%	26.7%
TOTAL	679		77.2%	353	72.6%	27.7%

MALES EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
With Exposure	219	100.0%	86.3%	356	79.5%	30.1%
Men who have Sex with Men (MSM)	149	68.0%	87.2%	377	79.9%	24.8%
Injection Drug Users (IDU)	19	8.7%	68.4%	304	63.2%	31.6%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	5	2.3%	100.0%	214	80.0%	80.0%
Heterosexual Exposure (HET)	46	21.0%	89.1%	324	84.8%	41.3%
Other Exposures	0	0.0%	--	--	--	--
No Reported Exposure	256		64.5%	331	63.7%	25.0%
TOTAL	475		74.5%	349	70.9%	27.4%

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
With Exposure	78	100.0%	93.6%	383	84.6%	25.6%
Injection Drug Users (IDU)	12	15.4%	75.0%	457	66.7%	16.7%
Heterosexual Exposure (HET)	64	82.1%	96.9%	380	87.5%	26.6%
Other Exposures	2	2.6%	100.0%	206	100.0%	50.0%
No Reported Exposure	126		77.0%	297	71.4%	30.2%
TOTAL	204		83.3%	360	76.5%	28.4%

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.

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 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 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	288	100.0%	5.8	29.2%
Men who have Sex with Men (MSM)	93	32.3%	4.4	38.7%
Injection Drug Users (IDU)	88	30.6%	8.2	10.2%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	12	4.2%	5.1	33.3%
Heterosexual Exposure (HET)	92	31.9%	5.3	37.0%
Other Exposures	3	1.0%	1.7	33.3%
No Reported Exposure	157		1.8	67.5%
TOTAL	445		4.4	42.7%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	188	100.0%	5.3	33.5%
Men who have Sex with Men (MSM)	93	49.5%	4.4	38.7%
Injection Drug Users (IDU)	46	24.5%	8.0	13.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	12	6.4%	5.1	33.3%
Heterosexual Exposure (HET)	35	18.6%	4.3	48.6%
Other Exposures	2	1.1%	2.6	0.0%
No Reported Exposure	97		1.7	69.1%
TOTAL	285		4.1	45.6%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	100	100.0%	6.9	21.0%
Injection Drug Users (IDU)	42	42.0%	8.4	7.1%
Heterosexual Exposure (HET)	57	57.0%	5.8	29.8%
Other Exposures	1	1.0%	0.0	100.0%
No Reported Exposure	60		1.9	65.0%
TOTAL	160		5.0	37.5%

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

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

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

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

Table 20 – Adult/Adolescent Living HIV Cases with and without AIDS by Exposure Category and Sex at Birth, Alive on 12/31/2011 and Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	4,856	100.0%	8,032	100.0%	12,888	100.0%
Men who have Sex with Men (MSM)	1,563	32.2%	1,983	24.7%	3,546	27.5%
Injection Drug Users (IDU)	1,526	31.4%	3,290	41.0%	4,816	37.4%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	160	3.3%	351	4.4%	511	4.0%
Heterosexual Exposure (HET)	1,592	32.8%	2,369	29.5%	3,961	30.7%
Other Exposures	15	0.3%	39	0.5%	54	0.4%
No Reported Exposure*	2,262		1,089		3,351	
TOTAL	7,118		9,121		16,239	

MALES EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	3,128	100.0%	5,179	100.0%	8,307	100.0%
Men who have Sex with Men (MSM)	1,563	50.0%	1,983	38.3%	3,546	42.7%
Injection Drug Users (IDU)	915	29.3%	1,988	38.4%	2,903	34.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	160	5.1%	351	6.8%	511	6.2%
Heterosexual Exposure (HET)	481	15.4%	835	16.1%	1,316	15.8%
Other Exposures	9	0.3%	22	0.4%	31	0.4%
No Reported Exposure	1,324		655		1,979	
TOTAL	4,452		5,834		10,286	

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	1,728	100.0%	2,853	100.0%	4,581	100.0%
Injection Drug Users (IDU)	611	35.4%	1,302	45.6%	1,913	41.8%
Heterosexual Exposure (HET)	1,111	64.3%	1,534	53.8%	2,645	57.7%
Other Exposures	6	0.3%	17	0.6%	23	0.5%
No Reported Exposure*	938		434		1,372	
TOTAL	2,666		3,287		5,953	

* Includes 23 HIV cases without AIDS and 27 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 12/31/2011 and Reported through 12/31/2012

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	351	100.0%	10,008	100.0%	2,016	100.0%
Men who have Sex with Men (MSM)	128	36.5%	2,178	21.8%	1,083	53.7%
Injection Drug Users (IDU)	73	20.8%	4,083	40.8%	480	23.8%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	13	3.7%	399	4.0%	72	3.6%
Heterosexual Exposure (HET)	136	38.7%	3,316	33.1%	361	17.9%
Other Exposures	1	0.3%	32	0.3%	20	1.0%
No Reported Exposure*	103		2,669		489	
TOTAL	454		12,677		2,505	

MALES 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	266	100.0%	6,178	100.0%	1,544	100.0%
Men who have Sex with Men (MSM)	128	48.1%	2,178	35.3%	1,083	70.1%
Injection Drug Users (IDU)	55	20.7%	2,529	40.9%	236	15.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	13	4.9%	399	6.5%	72	4.7%
Heterosexual Exposure (HET)	70	26.3%	1,057	17.1%	137	8.9%
Other Exposures	0	0.0%	15	0.2%	16	1.0%
No Reported Exposure	71		1,498		357	
TOTAL	337		7,676		1,901	

FEMALES 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	85	100.0%	3,830	100.0%	472	100.0%
Injection Drug Users (IDU)	18	21.2%	1,554	40.6%	244	51.7%
Heterosexual Exposure (HET)	66	77.6%	2,259	59.0%	224	47.5%
Other Exposures	1	1.2%	17	0.4%	4	0.8%
No Reported Exposure*	32		1,171		132	
TOTAL	117		5,001		604	

* Includes 3 Hispanic cases, 38 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 12/31/2011 and Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
With Exposure	12,888	6,406	49.7%	450	17.4%	18.7%	20.5%	43.4%
Men who have Sex with Men (MSM)	3,546	1,595	45.0%	478	12.8%	18.4%	21.3%	47.6%
Injection Drug Users (IDU)	4,816	2,555	53.1%	412	21.0%	20.6%	20.3%	38.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	511	249	48.7%	395	19.3%	24.1%	19.3%	37.3%
Heterosexual Exposure (HET)	3,961	1,976	49.9%	481	16.0%	15.8%	20.4%	47.7%
Other Exposures	54	31	57.4%	366	29.0%	19.4%	16.1%	35.5%
No Reported Exposure*	3,351	1,310	39.1%	433	17.3%	19.7%	20.2%	42.8%
TOTAL	16,239	7,716	47.5%	447	17.4%	18.9%	20.4%	43.3%

* Includes 50 cases with Presumed Female Heterosexual exposure

Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2011 and Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
With Exposure	12,888	5,463	42.4%	67.2%	13,040
Men who have Sex with Men (MSM)	3,546	1,451	40.9%	70.0%	11,504
Injection Drug Users (IDU)	4,816	2,041	42.4%	65.1%	14,284
Men who have Sex with Men and Inject Drugs (MSM/IDU)	511	226	44.2%	67.3%	10,890
Heterosexual Exposure (HET)	3,961	1,717	43.3%	67.4%	12,678
Other Exposures	54	28	51.9%	60.7%	50,866
No Reported Exposure*	3,351	1,171	34.9%	60.1%	12,600
TOTAL	16,239	6,634	40.9%	65.9%	13,000

* Includes 50 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.

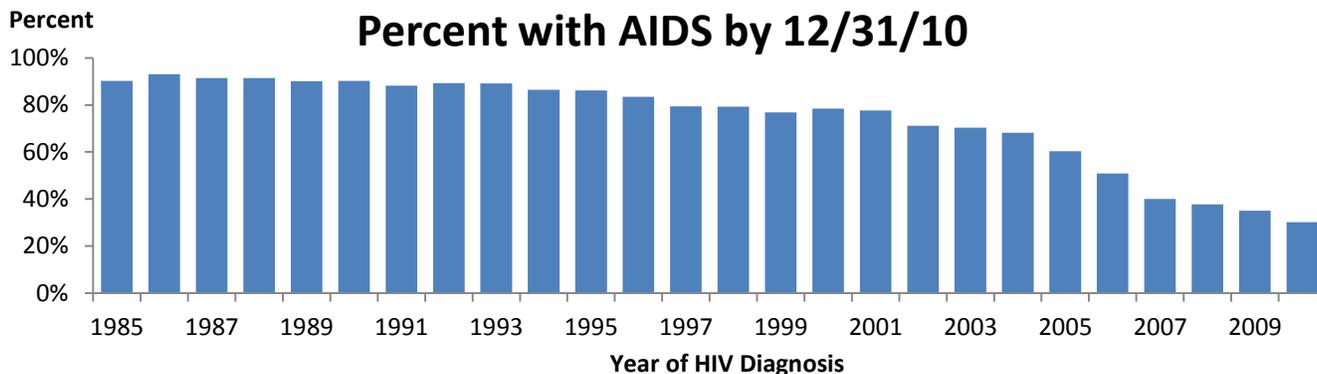
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

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 400 copies per milliliter or greater.

Section VIII – Disease Progression and Mortality

Figure 9 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2010, Reported through 12/31/2012

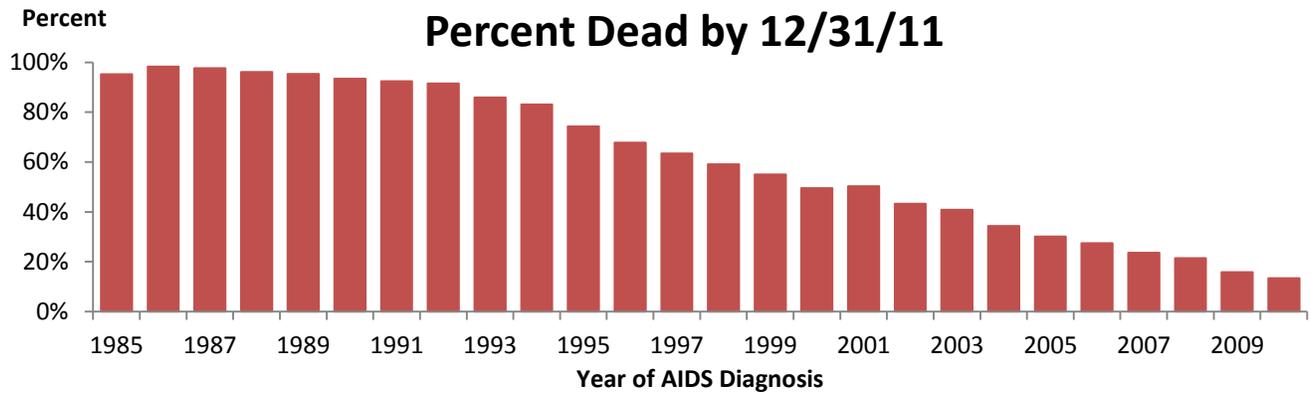
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/2010 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2011 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2011, 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 2010, as Reported by Name through 12/31/2012



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	211	203	96.2%	6.9	34.6%	34.6%	37.4%	67.3%
1985	427	385	90.2%	6.4	26.2%	27.4%	34.9%	74.7%
1986	568	529	93.1%	5.4	34.0%	34.7%	46.1%	79.4%
1987	753	688	91.4%	4.5	33.6%	36.9%	54.2%	82.2%
1988	1,110	1,016	91.5%	3.6	38.6%	42.3%	64.1%	85.7%
1989	1,419	1,279	90.1%	3.5	37.8%	43.2%	67.1%	83.1%
1990	1,486	1,340	90.2%	2.8	44.3%	51.1%	73.4%	85.2%
1991	1,692	1,492	88.2%	2.6	46.3%	55.8%	73.0%	82.9%
1992	1,655	1,478	89.3%	2.3	51.1%	59.3%	75.6%	84.3%
1993	1,516	1,351	89.1%	2.0	54.3%	62.4%	76.8%	85.4%
1994	1,379	1,192	86.4%	2.1	53.5%	61.4%	73.9%	81.9%
1995	1,343	1,158	86.2%	2.0	57.0%	62.4%	72.4%	82.1%
1996	1,249	1,043	83.5%	1.8	59.3%	64.0%	71.3%	80.1%
1997	1,274	1,012	79.4%	1.7	55.4%	60.2%	68.6%	76.2%
1998	1,254	994	79.3%	1.8	55.6%	59.3%	67.9%	75.9%
1999	1,162	892	76.8%	1.4	56.6%	60.6%	68.6%	75.0%
2000	1,078	845	78.4%	1.3	56.7%	60.9%	70.3%	77.2%
2001	1,189	923	77.6%	1.1	59.5%	63.4%	71.6%	76.7%
2002	1,361	969	71.2%	1.1	55.3%	58.6%	65.2%	--
2003	1,211	851	70.3%	1.0	54.9%	58.5%	64.3%	--
2004	1,228	837	68.2%	0.9	53.3%	57.2%	63.4%	--
2005	1,270	766	60.3%	0.9	47.4%	50.1%	56.6%	--
2006	1,284	653	50.9%	0.8	39.6%	41.9%	49.0%	--
2007	1,234	493	40.0%	0.9	29.2%	31.8%	--	--
2008	1,161	438	37.7%	0.8	28.2%	31.8%	--	--
2009	922	323	35.0%	0.6	27.8%	30.7%	--	--
2010	885	267	30.2%	0.3	27.2%	--	--	--
TOTAL	31,321	23,417	74.8%	2.1	46.9%	51.7%	62.7%	71.5%

Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2010, Reported through 12/31/2012

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/10 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2011 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2011, 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 2010, as Reported by Name through 12/31/2012

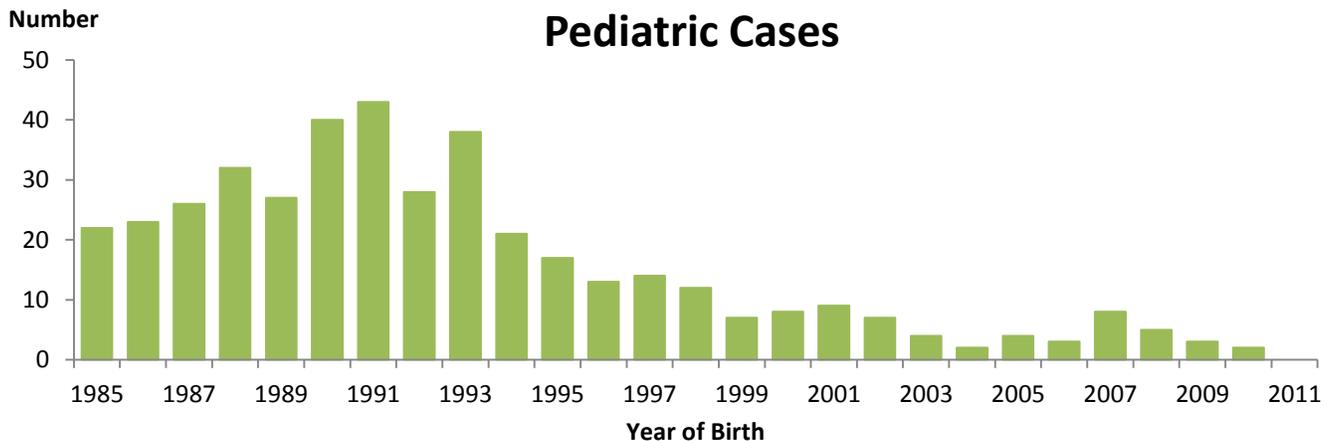


YEAR OF AIDS DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	74	71	95.9%	2.5	51.4%	31.1%	16.2%	12.2%
1985	105	100	95.2%	1.7	42.9%	22.9%	9.5%	7.6%
1986	176	173	98.3%	2.6	53.4%	35.2%	14.8%	8.5%
1987	260	254	97.7%	2.1	61.2%	33.1%	10.8%	5.0%
1988	433	416	96.1%	2.1	59.1%	38.8%	13.6%	6.2%
1989	550	524	95.3%	2.2	60.2%	38.9%	15.3%	7.6%
1990	787	736	93.5%	2.7	65.7%	46.4%	20.3%	11.9%
1991	975	901	92.4%	2.5	67.4%	45.9%	17.9%	12.0%
1992	1,348	1,233	91.5%	2.8	70.3%	48.9%	20.5%	14.5%
1993	1,544	1,326	85.9%	3.3	77.5%	55.3%	32.6%	21.2%
1994	1,375	1,142	83.1%	3.5	76.9%	58.3%	37.9%	23.9%
1995	1,390	1,033	74.3%	4.0	78.0%	65.8%	48.6%	34.7%
1996	1,306	886	67.8%	4.4	81.9%	74.7%	57.4%	41.6%
1997	1,130	717	63.5%	4.5	85.0%	77.1%	60.9%	44.7%
1998	1,032	610	59.1%	4.4	87.1%	80.1%	64.0%	47.2%
1999	1,014	558	55.0%	4.0	87.0%	79.9%	64.3%	48.9%
2000	885	438	49.5%	3.6	85.6%	80.2%	65.3%	52.9%
2001	1,013	510	50.3%	3.2	85.7%	77.1%	62.4%	50.5%
2002	1,045	453	43.3%	3.4	87.8%	81.5%	69.3%	--
2003	946	386	40.8%	2.5	83.4%	78.1%	66.7%	--
2004	964	331	34.3%	2.4	87.0%	82.5%	71.9%	--
2005	903	272	30.1%	2.2	88.4%	83.6%	74.0%	--
2006	789	216	27.4%	1.8	88.1%	83.3%	74.1%	--
2007	606	143	23.6%	1.6	88.3%	84.8%	--	--
2008	589	126	21.4%	1.1	88.1%	83.7%	--	--
2009	499	79	15.8%	0.8	89.6%	86.4%	--	--
2010	561	75	13.4%	0.6	90.0%	--	--	--
TOTAL	22,299	13,709	61.5%	3.2	80.1%	68.7%	52.1%	42.6%

Section IX – Pediatric Cases

Figure 11 – Trends in Pediatric HIV Cases, 1985-2011, Reported through 12/31/2012

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 2011, as Reported by Name through 12/31/2012



YEAR	Pediatric Reported HIV Diagnoses				Pediatric Total Living HIV Cases
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on 12/31 of Each Year
<1985	26	2	1	0	--
1985	22	8	5	1	10
1986	23	8	6	4	14
1987	26	16	10	5	25
1988	32	22	14	4	44
1989	27	28	19	5	67
1990	40	38	17	5	100
1991	43	36	26	8	127
1992	28	44	28	9	162
1993	38	45	25	12	195
1994	21	29	21	12	211
1995	17	20	14	12	219
1996	13	19	11	14	225
1997	14	9	6	6	228
1998	12	16	8	3	241
1999	7	15	7	4	252
2000	8	8	2	0	260
2001	9	9	8	3	265
2002	7	7	6	3	269
2003	4	2	1	2	269
2004	2	4	2	3	270
2005	4	1	1	0	271
2006	3	6	3	2	276
2007	8	34	5	5	305
2008	5	8	6	3	311
2009	3	5	3	1	315
2010	2	2	7	4	313
2011	0	3	4	1	315
TOTAL	444	444	266	131	--

Table 24 – Pediatric HIV Diagnoses during 2011 and Pediatric Total Living HIV Cases, Alive on 12/31/2011, by Jurisdiction, Reported through 12/31/2012

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
ANNE ARUNDEL CO.	0	0.0%	22	7.0%
BALTIMORE CITY	2	66.7%	228	72.4%
BALTIMORE CO.	1	33.3%	43	13.7%
CARROLL CO.	0	0.0%	4	1.3%
HARFORD CO.	0	0.0%	13	4.1%
HOWARD CO.	0	0.0%	5	1.6%
QUEEN ANNE'S CO.	0	0.0%	0	0.0%
METRO TOTAL	3	100.0%	315	100.0%

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

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

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

Table 25 – Pediatric HIV Diagnosis during 2011 and Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012

SEX AT BIRTH	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Male	1	33.3%	137	43.5%
Female	2	66.7%	178	56.5%
TOTAL	3	100.0%	315	100.0%

RACE/ETHNICITY	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Hispanic	0	0.0%	3	1.0%
Non-Hispanic	3	100.0%	312	99.0%
American Indian/ Alaska Native, only	0	0.0%	0	0.0%
Asian, only	0	0.0%	1	0.3%
Black, only	3	100.0%	282	89.5%
Native Hawaiian/Other Pacific Islander, only	0	0.0%	0	0.0%
White, only	0	0.0%	21	6.7%
Multiracial/Other	0	0.0%	8	2.5%
TOTAL	3	100.0%	315	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.