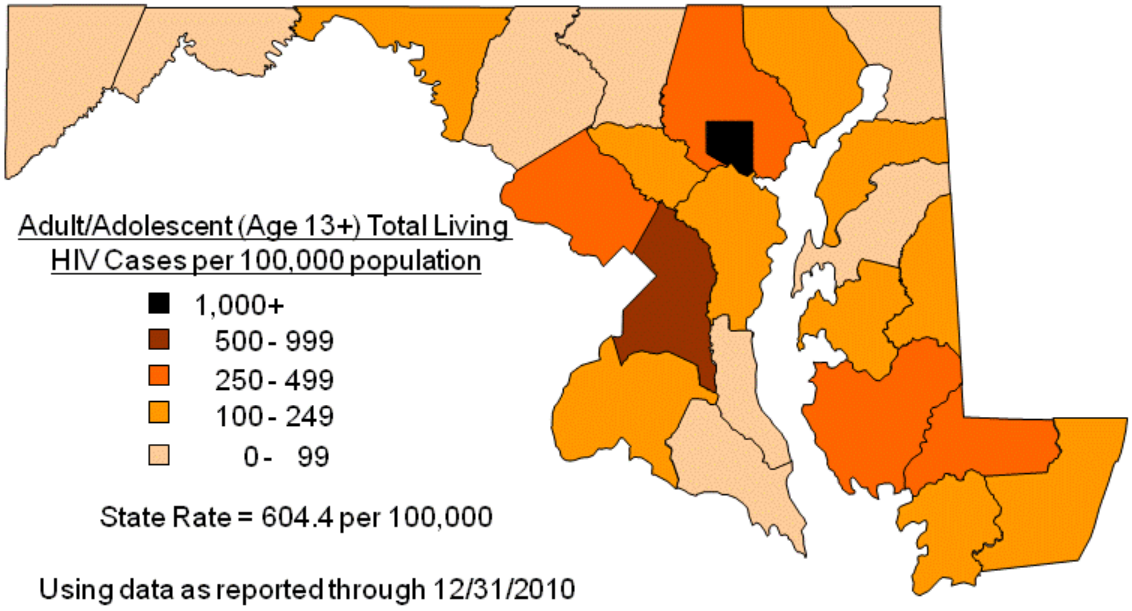
Maryland HIV/AIDS Epidemiological Profile

Fourth Quarter 2010

Data reported through December 31, 2010

Center for HIV Surveillance and Epidemiology
Infectious Disease and Environmental Health Administration
Maryland Department of Health and Mental Hygiene
http://ideha.dhmh.maryland.gov
1-800-358-9001

Maryland Adult/Adolescent Total Living HIV Case Rates by Jurisdiction Alive on 12/31/09



New On-line Mapping Tool: Please visit the new Maryland Infectious Disease and Environmental Health Administration website at the address above to use the new interactive mapping tool. You can 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 ZIP code level, plot the locations of HIV testing sites, and print out your custom map. The direct address for the mapping tool is: **http://ideha.dhmh.maryland.gov/apps/hiv/**

Table of Contents

Cover Figure – Map of Adult/Adolescent Total Living HIV Case Rates by Jurisdiction, Alive on 12/31/2009

Section I – Background Information Page 3

Section II – Trends 1985-2009 Page 7
- Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2009
- Figure 2 – Trends in Living HIV Cases, 1985-2009
- Figure 3 – Trends in Reported Adult/Adolescent HIV Diagnoses by Sex at Birth, 1985-2009
- Figure 4 – Trends in Reported Adult/Adolescent HIV Diagnoses by Race/Ethnicity, 1985-2009
- Figure 5 – Trends in Reported Adult/Adolescent HIV Diagnoses by Age at Diagnosis, 1985-2009
- Figure 6 – Trends in Reported Adult/Adolescent HIV Diagnoses by Exposure Category, 1985-2009

Section III – Adult/Adolescent Cases by Jurisdiction Page 13
- Table 1 – Adult/Adolescent HIV Cases by Jurisdiction, Diagnoses during 2009
- Table 2 – Adult/Adolescent AIDS Cases by Jurisdiction, Diagnoses during 2009
- Table 3 – Adult/Adolescent HIV Cases by Jurisdiction, Alive on 12/31/2009
- Table 4 – CD4 Testing for Adult/Adolescent HIV Cases by Jurisdiction, Alive on 12/31/2009
- Table 5 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Jurisdiction, Alive on 12/31/2009

Section IV – Cases by Age Page 18
- Table 6 – HIV Cases by Age at Diagnosis, Diagnoses during 2009
- Table 7 – AIDS Cases by Age at Diagnosis, Diagnoses during 2009
- Table 8 – HIV Cases by Current Age, Alive on 12/31/2009
- Table 9 – CD4 Testing for Adult/Adolescent HIV Cases by Current Age, Alive on 12/31/2009
- Table 10 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Current Age, Alive on 12/31/2009

Section V – Adult/Adolescent Cases by Demographics Page 21
- Table 11 – Adult/Adolescent HIV Cases by Demographics, Diagnoses during 2009
- Table 12 – Adult/Adolescent AIDS Cases by Demographics, Diagnoses during 2009
- Table 13 – Adult/Adolescent HIV Cases by Demographics, Alive on 12/31/2009
- Table 14 – CD4 Testing for Adult/Adolescent HIV Cases by Demographics, Alive on 12/31/2009
- Table 15 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Demographics, Alive on 12/31/2009

Section VI – HIV Cases by Expanded Demographics, Alive on 12/31/2009 Page 26
- Table 16 – Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2009
- Table 17 – Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2009

Section VII – HIV Exposure Category Page 28
- Table 18 – Adult/Adolescent HIV Cases by Exposure Category and Sex at Birth, Diagnoses during 2009
- Table 19 – Adult/Adolescent AIDS Cases by Exposure Category and Sex at Birth, Diagnoses during 2009
- Table 20 – Adult/Adolescent HIV Cases by Exposure Category and Sex at Birth, Alive on 12/31/2009
- Table 21 – Adult/Adolescent HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2009
- Table 22 – CD4 Testing for Adult/Adolescent HIV Cases by Exposure Category, Alive on 12/31/2009
- Table 23 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Exposure Category, Alive on 12/31/2009

Section VIII – Disease Progression and Mortality Page 35
- Figure 7 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2008
- Figure 8 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2008

Section IX – Pediatric Cases Page 37
- Figure 9 – Trends in Pediatric HIV Cases, 1985-2009
- Table 27 – Pediatric HIV Cases by Jurisdiction, HIV Diagnosis during 2009, Alive on 12/31/2009
- Table 28 – Pediatric HIV Cases by Demographics, HIV Diagnosis during 2009, Alive on 12/31/2009
- Table 29 – Pediatric HIV Transmissions by Year of Birth, 2005-2009

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://ideha.dhmh.maryland.gov/chse/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 and Epidemiology at the Maryland Department of Health and Mental Hygiene (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 21% 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, so the number of living HIV cases is lower than previously reported. 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. The 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

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 2009 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/09-12/31/09, as reported by name through 12/31/10.

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 12/31/09 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/09 as reported by name through 12/31/10.

Changes in this Epidemiological Profile

There are numerous changes, including new types of data, from prior epidemiological profiles, all of which are intended to increase the utility of this report. We welcome your questions or feedback. The changes include:

- Separated the data for adults and adolescents (age 13+) from pediatric cases (age <13).
- Provided data on trends in pediatric cases, including perinatal HIV transmission rates.
- Expanded the categories and provided more specific labeling for race/ethnicity.
- Relabeled gender as sex at birth.
- Supplied data on cases by country of birth.
- Added a presumed female heterosexual exposure category.
- Included new measures of the timeliness of HIV diagnosis, including median first CD4 count after HIV diagnosis, percent of HIV diagnoses that are diagnosed with AIDS within one year, average time from HIV diagnosis to AIDS diagnosis, and percent of AIDS diagnoses with an HIV diagnosis less than one year earlier.
- Provided laboratory data describing the care status and disease status of persons living with HIV, including the percent with CD4 and HIV viral load (VL) tests, the median value and distribution of CD4 counts, the percent with undetectable VL results, and the median detectable VL levels.
- Added data on trends in disease progression including percent of HIV diagnoses developing AIDS and years from HIV diagnosis to AIDS diagnosis.
- Expanded data on mortality, including trends in percent of AIDS diagnoses that have died, years from AIDS diagnosis to death, and percent alive by years after AIDS diagnosis.

Laboratory Data

CD4 tests are measures of a person's immune system function. An HIV infected person 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, 2010.

Live births are from the Maryland Department of Health and Mental Hygiene's Maryland Vital Statistics Annual Report 2009.

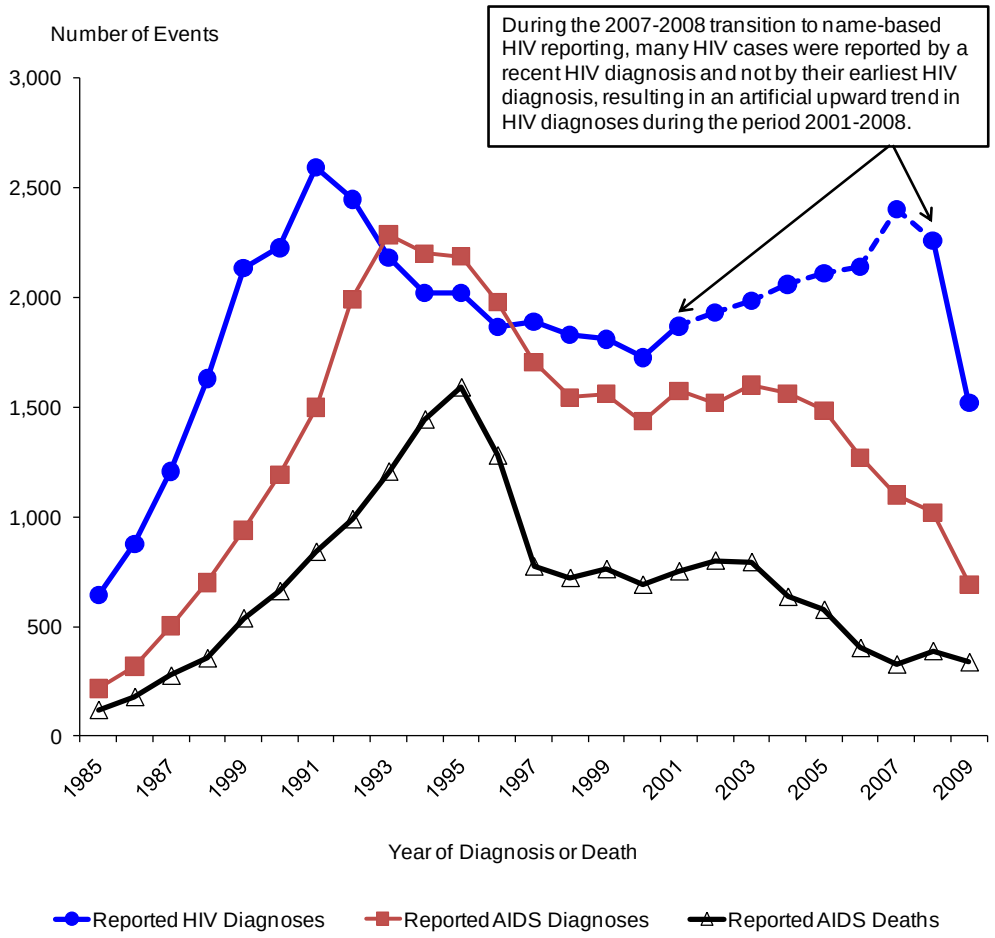
Perinatal exposures, investigations, and transmissions are from the Maryland Department of Health and Mental Hygiene's Enhanced Perinatal Surveillance System, January 31, 2011.

Population data are from the Maryland Department of Planning's intercensal population estimates for July 1, 2009, or for country of birth and ZIP code of residence, projected forward to 2009 from the United States Census Bureau's 2000 Census figures.

Section II – Trends 1985-2009

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2009

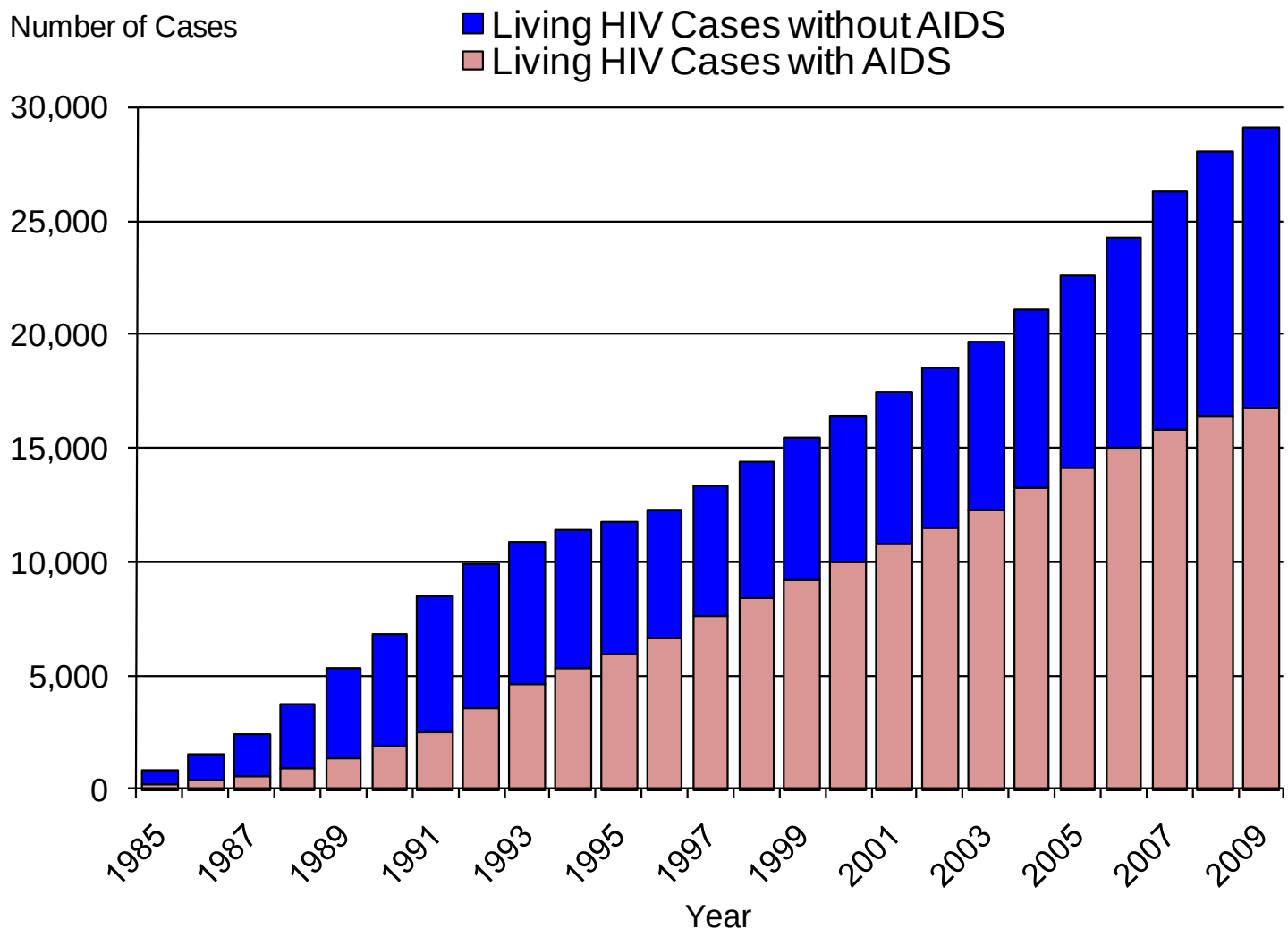
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnosis) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2009 as Reported by Name through 12/31/10.



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	312	141	69	**1998**	1,828	1,544	722
1985	644	217	121	**1999**	1,809	1,561	762
1986	876	319	180	**2000**	1,726	1,436	691
1987	1,207	504	277	**2001**	1,869	1,574	752
1988	1,630	700	356	**2002**	1,931	1,518	801
1989	2,132	938	538	**2003**	1,985	1,601	794
1990	2,227	1,193	662	**2004**	2,060	1,562	636
1991	2,591	1,498	841	**2005**	2,112	1,485	577
1992	2,447	1,992	989	**2006**	2,138	1,270	403
1993	2,183	2,286	1,206	**2007**	2,402	1,100	328
1994	2,021	2,200	1,443	**2008**	2,261	1,020	389
1995	2,020	2,187	1,589	**2009**	1,521	692	338
1996	1,866	1,980	1,279	**TOTAL**	47,687	34,224	17,517
1997	1,889	1,706	774				

Figure 2 – Trends in Living HIV Cases, 1985-2009

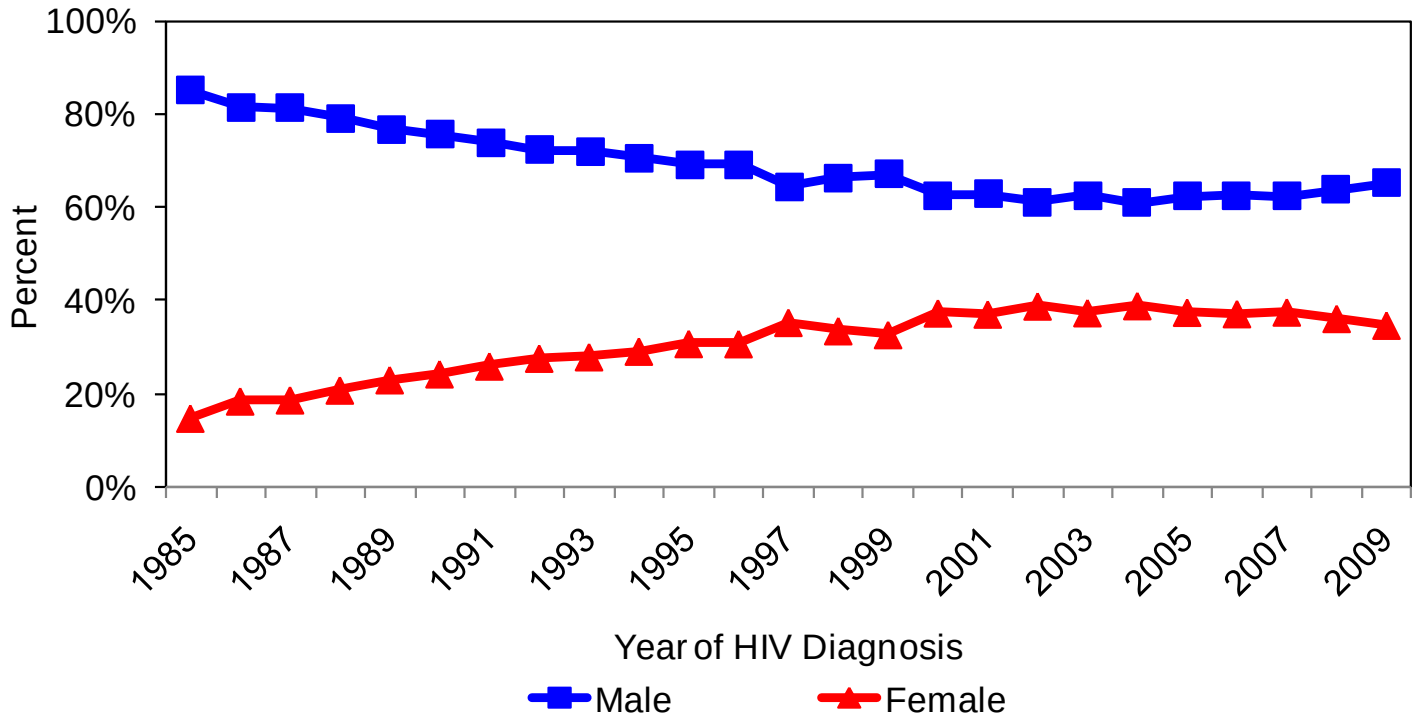
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2009, as Reported by Name through 12/31/10



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	600	168	768	**1998**	6,027	8,359	14,386
1986	1,156	307	1,463	**1999**	6,229	9,158	15,387
1987	1,854	534	2,388	**2000**	6,488	9,903	16,391
1988	2,780	878	3,658	**2001**	6,726	10,725	17,451
1989	3,951	1,278	5,229	**2002**	7,078	11,442	18,520
1990	4,967	1,809	6,776	**2003**	7,388	12,249	19,637
1991	6,022	2,466	8,488	**2004**	7,845	13,175	21,020
1992	6,427	3,469	9,896	**2005**	8,435	14,083	22,518
1993	6,256	4,549	10,805	**2006**	9,245	14,950	24,195
1994	6,041	5,306	11,347	**2007**	10,527	15,722	26,249
1995	5,835	5,904	11,739	**2008**	11,695	16,353	28,048
1996	5,670	6,605	12,275	**2009**	12,373	16,707	29,080
1997	5,784	7,537	13,321				

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2009

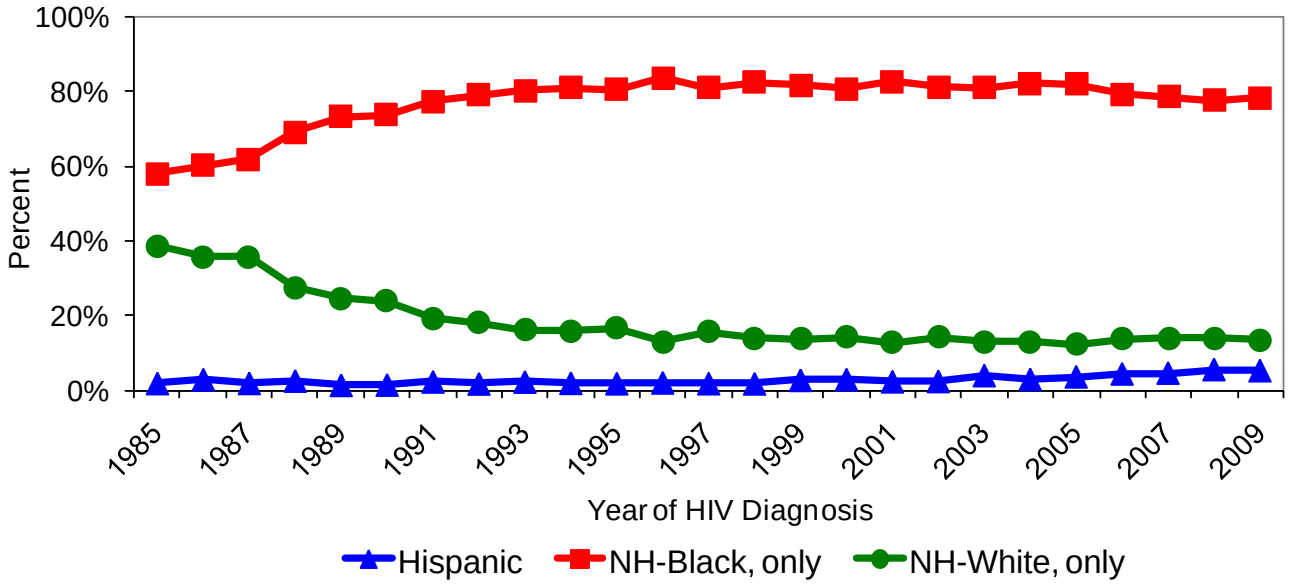
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2009, as Reported by Name through 12/31/10



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses			YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses		
	No.	Percent Male	Percent Female		No.	Percent Male	Percent Female
<1985	308	88.0%	12.0%	**1998**	1,810	66.4%	33.6%
1985	632	85.1%	14.9%	**1999**	1,783	67.2%	32.8%
1986	862	81.4%	18.6%	**2000**	1,714	62.5%	37.5%
1987	1,186	81.2%	18.8%	**2001**	1,854	62.8%	37.2%
1988	1,602	79.1%	20.9%	**2002**	1,918	61.1%	38.9%
1989	2,098	76.9%	23.1%	**2003**	1,981	62.5%	37.5%
1990	2,177	75.6%	24.4%	**2004**	2,050	61.0%	39.0%
1991	2,532	73.9%	26.1%	**2005**	2,101	62.4%	37.6%
1992	2,386	72.3%	27.7%	**2006**	2,123	62.7%	37.3%
1993	2,128	71.9%	28.1%	**2007**	2,342	62.3%	37.7%
1994	1,979	70.7%	29.3%	**2008**	2,244	63.7%	36.3%
1995	1,991	69.1%	30.9%	**2009**	1,513	65.2%	34.8%
1996	1,834	69.1%	30.9%	**TOTAL**	47,022	68.5%	31.5%
1997	1,874	64.6%	35.4%				

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2009

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 2009, as Reported by Name through 12/31/10

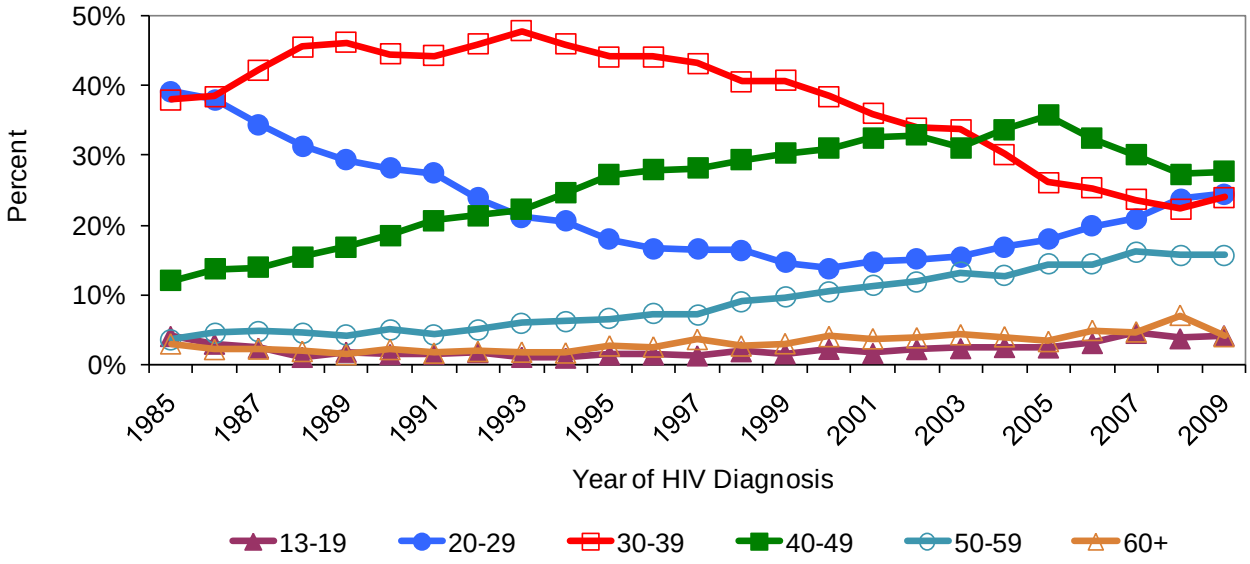


Non-Hispanic Other Race category not shown.

YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	Percent Hispanic	Percent Non-Hispanic Black, only	Percent Non-Hispanic White, only	Percent Non-Hispanic Other Race
<1985	308	1.6%	56.2%	41.6%	0.6%
1985	632	1.9%	57.9%	38.6%	1.6%
1986	862	2.9%	60.1%	35.8%	1.2%
1987	1,186	1.9%	61.8%	35.8%	0.5%
1988	1,602	2.6%	69.1%	27.6%	0.7%
1989	2,098	1.4%	73.2%	24.5%	0.9%
1990	2,177	1.5%	73.6%	23.8%	1.0%
1991	2,532	2.3%	77.3%	19.4%	0.9%
1992	2,386	1.8%	79.1%	18.0%	1.1%
1993	2,128	2.3%	80.3%	16.2%	1.2%
1994	1,979	2.0%	81.1%	15.9%	1.1%
1995	1,991	1.9%	80.4%	16.6%	1.1%
1996	1,834	2.1%	83.5%	13.0%	1.4%
1997	1,874	1.9%	80.9%	15.7%	1.5%
1998	1,810	1.8%	82.4%	14.1%	1.7%
1999	1,783	2.7%	81.8%	13.6%	1.9%
2000	1,714	2.9%	80.9%	14.1%	2.1%
2001	1,854	2.4%	82.8%	12.7%	2.2%
2002	1,918	2.5%	81.3%	14.2%	2.0%
2003	1,981	4.0%	81.0%	13.1%	1.9%
2004	2,050	3.0%	82.2%	13.0%	1.8%
2005	2,101	3.7%	81.9%	12.3%	2.2%
2006	2,123	4.4%	79.2%	13.7%	2.7%
2007	2,342	4.7%	78.6%	14.0%	2.7%
2008	2,244	5.6%	77.7%	14.0%	2.7%
2009	1,513	5.3%	78.3%	13.6%	2.8%
TOTAL	47,022	2.8%	78.1%	17.4%	1.7%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2009

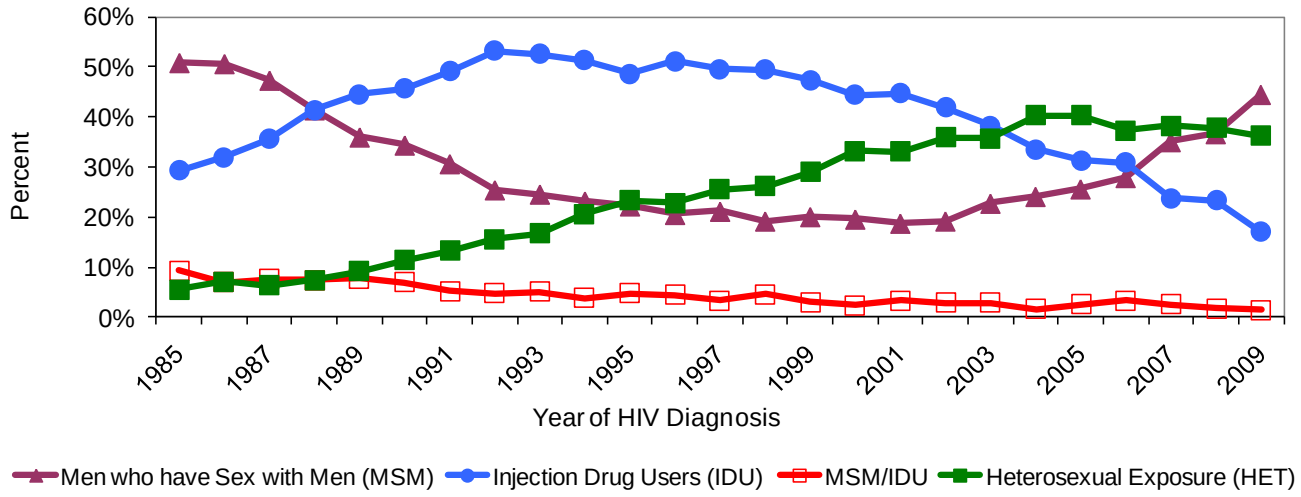
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2009, as Reported by Name through 12/31/10



YEAR OF HIV DIAGNOSIS	Reported Adult/Adolescent HIV Diagnoses						
	No.	Percent Age 13-19	Percent Age 20-29	Percent Age 30-39	Percent Age 40-49	Percent Age 50-59	Percent Age 60+
<1985	308	5.8	39.0	31.8	16.2	5.8	1.3
1985	632	4.1	39.2	38.0	12.0	3.6	3.0
1986	862	3.0	38.1	38.5	13.7	4.5	2.2
1987	1,186	2.4	34.4	42.2	13.9	4.7	2.3
1988	1,602	1.1	31.3	45.6	15.5	4.5	1.9
1989	2,098	1.9	29.4	46.2	16.9	4.2	1.5
1990	2,177	1.5	28.2	44.6	18.6	5.0	2.2
1991	2,532	1.6	27.5	44.3	20.7	4.3	1.7
1992	2,386	1.8	23.9	46.0	21.4	5.0	1.9
1993	2,128	1.1	21.1	47.8	22.2	5.9	1.8
1994	1,979	1.0	20.5	45.9	24.6	6.2	1.7
1995	1,991	1.5	18.0	44.1	27.2	6.5	2.7
1996	1,834	1.5	16.6	44.2	27.9	7.3	2.6
1997	1,874	1.3	16.5	43.2	28.2	7.2	3.6
1998	1,810	1.9	16.4	40.6	29.3	9.1	2.7
1999	1,783	1.6	14.6	40.8	30.3	9.6	3.0
2000	1,714	2.3	13.8	38.4	31.0	10.4	4.0
2001	1,854	1.7	14.8	35.9	32.6	11.3	3.7
2002	1,918	2.2	15.1	33.9	33.0	11.9	3.9
2003	1,981	2.4	15.4	33.7	31.1	13.2	4.3
2004	2,050	2.5	16.8	30.2	33.8	12.7	4.0
2005	2,101	2.5	17.9	26.2	35.7	14.4	3.3
2006	2,123	3.1	19.9	25.2	32.5	14.4	4.9
2007	2,342	4.6	20.9	23.7	30.0	16.2	4.7
2008	2,244	3.8	23.8	22.4	27.3	15.7	7.0
2009	1,513	4.2	24.5	24.0	27.6	15.7	4.0
TOTAL	47,022	2.2	21.5	37.7	26.2	9.2	3.2

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2009

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 2009, as Reported by Name through 12/31/10



Other Exposure category not shown.

YEAR	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					
		No.	Percent MSM	Percent IDU	Percent MSM/IDU	Percent HET	Percent Other Exposure
<1985	308	292	60.3%	24.0%	6.5%	5.1%	4.1%
1985	632	597	50.9%	29.3%	9.4%	5.5%	4.9%
1986	862	836	50.7%	32.1%	6.9%	7.2%	3.1%
1987	1,186	1,139	47.4%	35.6%	7.6%	6.3%	3.1%
1988	1,602	1,538	41.5%	41.5%	7.4%	7.5%	2.1%
1989	2,098	2,005	36.1%	44.6%	7.8%	9.2%	2.3%
1990	2,177	2,070	34.4%	45.7%	7.0%	11.4%	1.4%
1991	2,532	2,386	30.7%	49.1%	5.2%	13.3%	1.6%
1992	2,386	2,200	25.5%	53.3%	4.8%	15.5%	0.9%
1993	2,128	2,000	24.7%	52.6%	5.2%	16.7%	1.0%
1994	1,979	1,849	23.3%	51.3%	3.9%	20.6%	1.0%
1995	1,991	1,839	22.3%	48.7%	4.8%	23.4%	0.9%
1996	1,834	1,671	20.6%	51.2%	4.5%	22.9%	0.8%
1997	1,874	1,645	21.2%	49.5%	3.4%	25.5%	0.4%
1998	1,810	1,573	19.3%	49.5%	4.6%	26.1%	0.6%
1999	1,783	1,524	20.1%	47.4%	3.0%	29.0%	0.4%
2000	1,714	1,450	19.7%	44.5%	2.4%	33.2%	0.3%
2001	1,854	1,556	18.8%	44.7%	3.3%	33.1%	0.1%
2002	1,918	1,624	19.3%	41.9%	2.8%	35.8%	0.2%
2003	1,981	1,665	22.8%	38.2%	2.9%	35.7%	0.4%
2004	2,050	1,617	24.2%	33.5%	1.6%	40.4%	0.3%
2005	2,101	1,518	25.7%	31.3%	2.5%	40.4%	0.1%
2006	2,123	1,402	28.0%	31.0%	3.4%	37.3%	0.4%
2007	2,342	1,321	35.1%	23.8%	2.5%	38.2%	0.3%
2008	2,244	1,141	36.7%	23.3%	1.8%	37.9%	0.3%
2009	1,513	653	44.6%	17.0%	1.5%	36.3%	0.6%
TOTAL	47,022	39,111	28.3%	42.5%	4.4%	23.8%	1.0%

Section III – Adult/Adolescent Cases by Jurisdiction

Table 1 – Adult/Adolescent HIV Cases by Jurisdiction, Diagnoses during 2009

Age 13+ Population Estimate for 7/1/09, Number, Percent of Total, and Rate per 100,000 Population of Reported Adult/Adolescent HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/09-12/31/09 (Adult/Adolescent Reported HIV Diagnoses), Number and Percent by Jurisdiction of Adult/Adolescent Reported HIV Diagnoses with a First Reported CD4 Test Result in the 12 Months following HIV Diagnosis (First CD4 Test Result) and Median Count of the First CD4 Test Results, Percent by Jurisdiction of Adult/Adolescent Reported HIV Diagnoses with a Reported CD4 Test Result or a Reported HIV Viral Load Test Result in the 3 Months following HIV Diagnosis (Linked to Care), and Percent by Jurisdiction of Adult/Adolescent Reported HIV Diagnoses with an AIDS Diagnosis in the 12 Months following HIV Diagnosis (Late HIV Diagnosis), by Jurisdiction of Residence at HIV Diagnosis, as Reported by Name through 12/31/10

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.				No. with Test	% with Test	Median Count		
Allegany	63,347	6	0.4%	9.5	5	83.3%	506	100.0%	33.3%
Anne Arundel	433,525	67	4.4%	15.5	41	61.2%	304	56.7%	31.3%
Baltimore City	531,524	503	33.2%	94.6	296	58.8%	332	52.5%	22.1%
Baltimore	666,607	207	13.7%	31.3	146	70.5%	294	66.7%	36.7%
Calvert	73,717	4	0.3%	5.4	3	75.0%	***	***	***
Caroline	27,358	2	0.1%	7.3	1	50.0%	***	***	***
Carroll	141,496	8	0.5%	5.7	6	75.0%	259	62.5%	37.5%
Cecil	83,281	5	0.3%	6.0	4	80.0%	***	80.0%	40.0%
Charles	116,049	27	1.8%	23.3	13	48.1%	216	44.4%	22.2%
Dorchester	27,191	4	0.3%	14.7	3	75.0%	***	***	***
Frederick	186,638	13	0.9%	7.0	10	76.9%	523	53.8%	7.7%
Garrett	25,250	0	0.0%	0.0	0	--	--	--	--
Harford	200,573	14	0.9%	7.0	9	64.3%	312	64.3%	21.4%
Howard	231,126	22	1.5%	9.5	13	59.1%	296	50.0%	31.8%
Kent	17,710	0	0.0%	0.0	0	--	--	--	--
Montgomery	798,063	150	9.9%	18.8	108	72.0%	207	66.0%	43.3%
Prince George's	685,607	387	25.6%	56.4	213	55.0%	266	52.5%	29.2%
Queen Anne's	40,067	4	0.3%	10.0	3	75.0%	***	***	***
Saint Mary's	83,968	4	0.3%	4.8	3	75.0%	***	***	***
Somerset	22,580	4	0.3%	17.7	4	100.0%	***	***	***
Talbot	31,225	3	0.2%	9.6	3	100.0%	***	***	***
Washington	121,826	13	0.9%	10.7	13	100.0%	175	92.3%	53.8%
Wicomico	78,215	16	1.1%	20.5	14	87.5%	377	87.5%	56.3%
Worcester	42,657	3	0.2%	7.0	3	100.0%	***	***	***
Corrections	--	47	3.1%	--	38	80.9%	542	70.2%	17.0%
TOTAL	4,729,600	1,513	100.0%	32.0	952	62.9%	306	58.0%	29.2%

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

Table 2 – Adult/Adolescent AIDS Cases by Jurisdiction, Diagnoses during 2009

Age 13+ Population Estimate for 7/1/09, Number, Percent of Total, and Rate per 100,000 Population of Reported Adult/Adolescent HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/09-12/31/09 (Adult/Adolescent Reported AIDS Diagnoses), and Average Years from HIV Diagnosis to AIDS Diagnosis, and Percent by Jurisdiction of Adult/Adolescent Reported AIDS Diagnoses with an HIV Diagnosis in the 12 Months preceding AIDS Diagnosis (Late HIV Diagnosis), by Jurisdiction of Residence at AIDS Diagnosis, as Reported by Name through 12/31/10

JURISDICTION OF RESIDENCE AT AIDS DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
	No.	No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
Allegany	63,347	1	0.1%	1.6	***	***
Anne Arundel	433,525	49	7.1%	11.3	3.0	53.1%
Baltimore City	531,524	220	31.8%	41.4	3.5	49.1%
Baltimore	666,607	142	20.5%	21.3	3.4	50.7%
Calvert	73,717	1	0.1%	1.4	***	***
Caroline	27,358	0	0.0%	0.0	--	--
Carroll	141,496	3	0.4%	2.1	***	***
Cecil	83,281	2	0.3%	2.4	***	***
Charles	116,049	9	1.3%	7.8	2.7	77.8%
Dorchester	27,191	1	0.1%	3.7	***	***
Frederick	186,638	5	0.7%	2.7	3.6	80.0%
Garrett	25,250	0	0.0%	0.0	--	--
Harford	200,573	8	1.2%	4.0	9.1	37.5%
Howard	231,126	8	1.2%	3.5	0.8	87.5%
Kent	17,710	1	0.1%	5.6	***	***
Montgomery	798,063	77	11.1%	9.6	1.9	79.2%
Prince George's	685,607	129	18.7%	18.8	1.1	84.5%
Queen Anne's	40,067	2	0.3%	5.0	***	***
Saint Mary's	83,968	4	0.6%	4.8	***	***
Somerset	22,580	0	0.0%	0.0	--	--
Talbot	31,225	2	0.3%	6.4	***	***
Washington	121,826	7	1.0%	5.7	3.4	57.1%
Wicomico	78,215	6	0.9%	7.7	0.0	100.0%
Worcester	42,657	0	0.0%	0.0	--	--
Corrections	--	14	2.0%	0.0	2.2	50.0%
TOTAL	4,729,600	691	100.0%	14.6	2.8	61.5%

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

Table 3 – Adult/Adolescent HIV Cases by Jurisdiction, Alive on 12/31/2009

Age 13+ Population Estimate for 7/1/09, Number, Percent of Total, and Rate per 100,000 Population of Reported Adult/Adolescent HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases), and Ratio of People per Case (1 case in every X people) for Total Living HIV Cases, by Jurisdiction of Residence at the Latter of HIV or AIDS Diagnosis, as Reported by Name through 12/31/10

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.	No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
Allegany	63,347	34	0.3%	53.7	36	0.2%	56.8	70	0.2%	110.5	904
Anne Arundel	433,525	400	3.3%	92.3	595	3.6%	137.2	995	3.5%	229.5	435
Baltimore City	531,524	5,620	46.5%	1,057.3	7,189	43.6%	1,352.5	12,809	44.8%	2,409.9	41
Baltimore	666,607	914	7.6%	137.1	1,444	8.7%	216.6	2,358	8.2%	353.7	282
Calvert	73,717	36	0.3%	48.8	56	0.3%	76.0	92	0.3%	124.8	801
Caroline	27,358	28	0.2%	102.3	26	0.2%	95.0	54	0.2%	197.4	506
Carroll	141,496	57	0.5%	40.3	63	0.4%	44.5	120	0.4%	84.8	1,179
Cecil	83,281	49	0.4%	58.8	61	0.4%	73.2	110	0.4%	132.1	757
Charles	116,049	136	1.1%	117.2	144	0.9%	124.1	280	1.0%	241.3	414
Dorchester	27,191	30	0.2%	110.3	65	0.4%	239.0	95	0.3%	349.4	286
Frederick	186,638	114	0.9%	61.1	147	0.9%	78.8	261	0.9%	139.8	715
Garrett	25,250	3	0.0%	11.9	4	0.0%	15.8	7	0.0%	27.7	3,607
Harford	200,573	144	1.2%	71.8	206	1.2%	102.7	350	1.2%	174.5	573
Howard	231,126	167	1.4%	72.3	207	1.3%	89.6	374	1.3%	161.8	617
Kent	17,710	16	0.1%	84.7	20	0.1%	112.9	35	0.1%	197.6	506
Montgomery	798,063	1,193	9.9%	149.5	1,732	10.5%	217.0	2,925	10.2%	366.5	272
Prince George's	685,607	2,231	18.5%	325.4	3,074	18.6%	448.4	5,305	18.6%	773.8	129
Queen Anne's	40,067	14	0.1%	34.9	28	0.2%	69.9	42	0.1%	104.8	953
Saint Mary's	83,968	43	0.4%	51.2	53	0.3%	63.1	96	0.3%	114.3	874
Somerset	22,580	18	0.1%	79.7	28	0.2%	124.0	46	0.2%	203.7	490
Talbot	31,225	23	0.2%	73.7	30	0.2%	96.1	53	0.2%	169.7	589
Washington	121,826	158	1.3%	129.7	125	0.8%	102.6	283	1.0%	232.3	430
Wicomico	78,215	107	0.9%	136.8	108	0.7%	138.1	215	0.8%	274.9	363
Worcester	42,657	33	0.3%	77.4	45	0.3%	105.5	78	0.3%	182.9	546
Corrections	--	514	4.3%	--	1,017	6.2%	--	1,531	5.4%	--	--
TOTAL	4,729,600	12,081	100.0%	255.4	16,503	100.0%	348.9	28,584	100.0%	604.4	165

Table 4 – CD4 Testing for Adult/Adolescent HIV Cases by Jurisdiction, Alive on 12/31/2009

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Jurisdiction of Adult/Adolescent Total Living HIV Cases with a Reported CD4 Test Result in the Previous 12 Months (Recent CD4 Test Result), and Median Count in Cells per Microliter and Percent Distribution by Jurisdiction of Counts for the Last Recent CD4 Test Results, by Jurisdiction of Residence at the Latter of HIV or AIDS Diagnosis, as Reported by Name through 12/31/10

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Allegany	70	36	51.4%	558	5.6%	13.9%	22.2%	58.3%
Anne Arundel	995	152	15.3%	246	44.7%	19.1%	12.5%	23.7%
Baltimore City	12,809	1,761	13.8%	310	35.1%	20.0%	17.4%	27.5%
Baltimore	2,358	466	19.8%	271	43.1%	17.4%	15.2%	24.2%
Calvert	92	7	7.6%	308	42.9%	14.3%	14.3%	28.6%
Caroline	54	4	7.4%	***	***	***	***	***
Carroll	120	14	11.7%	377	28.6%	14.3%	21.4%	35.7%
Cecil	110	9	8.2%	412	33.3%	11.1%	33.3%	22.2%
Charles	280	43	15.4%	288	41.9%	16.3%	16.3%	25.6%
Dorchester	95	12	12.6%	322	41.7%	25.0%	16.7%	16.7%
Frederick	261	49	18.8%	451	14.3%	24.5%	26.5%	34.7%
Garrett	7	3	42.9%	***	***	***	***	***
Harford	350	37	10.6%	185	54.1%	18.9%	13.5%	13.5%
Howard	374	41	11.0%	475	29.3%	12.2%	12.2%	46.3%
Kent	35	5	14.3%	361	40.0%	0.0%	40.0%	20.0%
Montgomery	2,925	639	21.8%	410	22.8%	18.8%	21.3%	37.1%
Prince George's	5,305	1,012	19.1%	385	24.6%	20.9%	18.4%	36.1%
Queen Anne's	42	7	16.7%	160	57.1%	0.0%	14.3%	28.6%
Saint Mary's	96	14	14.6%	367	42.9%	0.0%	50.0%	7.1%
Somerset	46	8	17.4%	377	37.5%	12.5%	0.0%	50.0%
Talbot	53	11	20.8%	356	18.2%	27.3%	9.1%	45.5%
Washington	283	120	42.4%	473	14.2%	20.0%	20.0%	45.8%
Wicomico	215	42	19.5%	433	35.7%	4.8%	16.7%	42.9%
Worcester	78	13	16.7%	358	38.5%	15.4%	15.4%	30.8%
Corrections	1,531	386	25.2%	355	29.0%	19.4%	19.2%	32.4%
TOTAL	28,584	4,897	17.1%	348	31.2%	19.3%	18.1%	31.4%

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

Table 5 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Jurisdiction, Alive on 12/31/2009

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Jurisdiction of Adult/Adolescent Total Living HIV Cases with a Reported HIV Viral Load Test Result in the Previous 12 Months (Recent Viral Load Test Result), Percent by Jurisdiction of the Last Recent Viral Load Test Results that were Undetectable, and the Median Detectable Result in Copies per Milliliter, by Jurisdiction of Residence at the Latter of HIV or AIDS Diagnosis, as Reported by Name through 12/31/10

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Un-detectable	Median Detectable
Allegany	70	38	54.3%	71.1%	6,297
Anne Arundel	995	114	11.5%	9.6%	6,329
Baltimore City	12,809	1,199	9.4%	13.0%	7,327
Baltimore	2,358	340	14.4%	13.5%	16,644
Calvert	92	5	5.4%	***	***
Caroline	54	4	7.4%	***	***
Carroll	120	9	7.5%	***	***
Cecil	110	9	8.2%	***	***
Charles	280	37	13.2%	***	***
Dorchester	95	6	6.3%	0.0%	2,324
Frederick	261	39	14.9%	48.7%	7,905
Garrett	7	2	28.6%	***	***
Harford	350	28	8.0%	***	***
Howard	374	31	8.3%	***	***
Kent	35	3	8.6%	***	***
Montgomery	2,925	564	19.3%	57.4%	5,910
Prince George's	5,305	840	15.8%	42.3%	8,431
Queen Anne's	42	6	14.3%	0.0%	33,141
Saint Mary's	96	9	9.4%	***	***
Somerset	46	6	13.0%	***	***
Talbot	53	5	9.4%	***	***
Washington	283	109	38.5%	74.3%	8,913
Wicomico	215	46	21.4%	17.4%	31,500
Worcester	78	9	11.5%	***	***
Corrections	1,531	239	15.6%	22.6%	6,082
TOTAL	28,584	3,697	12.9%	30.0%	8,138

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

Section IV – Cases by Age

Table 6 – HIV Cases by Age at Diagnosis, Diagnoses during 2009

Population Estimate for 7/1/09, Number, Percent of Total, and Rate per 100,000 Population of Reported HIV Cases with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/09-12/31/09 (Reported HIV Diagnoses), Number and Percent by Age Group of Reported HIV Diagnoses with a First Reported CD4 Test Result in the 12 Months following HIV Diagnosis (First CD4 Test Result) and Median Count of the First CD4 Test Results, Percent by Age Group of Reported HIV Diagnoses with a Reported CD4 Test Result or a Reported HIV Viral Load Test Result in the 3 Months following HIV Diagnosis (Linked to Care), and Percent by Age Group of Reported HIV Diagnoses with an AIDS Diagnosis in the 12 Months following HIV Diagnosis (Late HIV Diagnosis), by Age at HIV Diagnosis, as Reported by Name through 12/31/10

AGE AT HIV DIAGNOSIS	Population	Reported HIV Diagnoses							
	No.	No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
<5 (Pediatric)	380,606	4	0.3%	1.1	2	50.0%	***	***	***
5-12 (Pediatric)	589,272	4	0.3%	0.7	3	75.0%	***	***	***
13-19	547,568	64	4.2%	11.7	29	45.3%	450	43.8%	12.5%
20-29	775,650	370	24.3%	47.7	233	63.0%	369	58.1%	18.6%
30-39	744,736	363	23.9%	48.7	221	60.9%	274	52.6%	30.0%
40-49	877,993	418	27.5%	47.6	278	66.5%	266	62.9%	33.3%
50-59	789,380	237	15.6%	30.0	149	62.9%	273	57.4%	35.9%
60+	994,273	61	4.0%	6.1	42	68.9%	152	72.1%	52.5%
TOTAL	5,699,478	1,521	100.0%	26.7	957	62.9%	306	58.1%	29.1%

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

Table 7 – AIDS Cases by Age at Diagnosis, Diagnoses during 2009

Population Estimate for 7/1/09, Number, Percent of Total, and Rate per 100,000 Population of Reported HIV Cases with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/09-12/31/09 (Reported AIDS Diagnoses), and Average Years from HIV Diagnosis to AIDS Diagnosis, and Percent by Age Group of Reported AIDS Diagnoses with an HIV Diagnosis in the 12 Months preceding AIDS Diagnosis (Late HIV Diagnosis), by Age at AIDS Diagnosis, as Reported by Name through 12/31/10

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
	No.	No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	380,606	0	0.0%	0.0	--	--
5-12 (Pediatric)	589,272	0	0.0%	0.0	--	--
13-19	547,568	8	1.2%	1.5	0.1	100.0%
20-29	775,650	106	15.3%	13.7	1.4	69.8%
30-39	744,736	153	22.1%	20.5	2.5	62.1%
40-49	877,993	235	34.0%	26.8	3.7	55.7%
50-59	789,380	144	20.8%	18.2	3.1	56.9%
60+	994,273	46	6.6%	4.6	1.7	76.1%
TOTAL	5,699,478	692	100.0%	12.1	2.8	61.4%

Table 8 – HIV Cases by Current Age, Alive on 12/31/2009

Population Estimate for 7/1/09, Number, Percent of Total, and Rate per 100,000 Population of Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases), and Ratio of People per Case (1 case in every X people) for Total Living HIV Cases, by Age on 12/31/09, as Reported by Name through 12/31/10

AGE ON 12/31/09	Population	Living HIV Cases without AIDS			Living HIV Cases with AIDS			Total Living HIV Cases			
	No.	No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5 (Pediatric)	380,606	37	0.3%	9.7	2	0.0%	0.5	39	0.1%	10.2	9,759
5-12 (Pediatric)	589,272	89	0.7%	15.1	19	0.1%	3.2	108	0.4%	18.3	5,456
13-19	547,568	243	2.0%	44.4	123	0.7%	22.5	366	1.3%	66.8	1,496
20-29	775,650	1,684	13.6%	217.1	756	4.5%	97.5	2,440	8.4%	314.6	317
30-39	744,736	2,508	20.3%	336.8	2,473	14.8%	332.1	4,981	17.1%	668.8	149
40-49	877,993	4,035	32.6%	459.6	6,532	39.1%	744.0	10,567	36.3%	1,203.5	83
50-59	789,380	2,766	22.4%	350.4	5,128	30.7%	649.6	7,894	27.1%	1,000.0	99
60+	994,273	1,011	8.2%	101.7	1,674	10.0%	168.4	2,685	9.2%	270.0	370
TOTAL	5,699,478	12,373	100.0%	217.1	16,707	100.0%	293.1	29,080	100.0%	510.2	195

Table 9 – CD4 Testing for Adult/Adolescent HIV Cases by Current Age, Alive on 12/31/2009

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Age Group of Total Living HIV Cases with a Reported CD4 Test Result in the Previous 12 Months (Recent CD4 Test Result), and Median Count in Cells per Microliter and Percent Distribution by Age Group of Counts for the Last Recent CD4 Test Results, by Age on 12/31/09, as Reported by Name through 12/31/10

AGE ON 12/31/09	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	137	35	25.5%	395	11.4%	28.6%	22.9%	37.1%
20-29	2,326	580	24.9%	399	22.6%	20.5%	21.7%	35.2%
30-39	4,974	990	19.9%	363	29.4%	18.6%	19.4%	32.6%
40-49	10,567	1,749	16.6%	317	34.8%	19.6%	16.5%	29.2%
50-59	7,895	1,189	15.1%	341	32.0%	18.7%	18.4%	31.0%
60+	2,685	354	13.2%	345	31.6%	19.5%	15.0%	33.9%
TOTAL	28,584	4,897	17.1%	348	31.2%	19.3%	18.1%	31.4%

Table 10 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Current Age, Alive on 12/31/2009

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Age Group of Total Living HIV Cases with a Reported HIV Viral Load Test Result in the Previous 12 Months (Recent Viral Load Test Result), Percent by Age Group of the Last Recent Viral Load Test Results that were Undetectable and the Median Detectable Result in Copies per Milliliter, by Age on 12/31/09, as Reported by Name through 12/31/10

AGE ON 12/31/09	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Undetectable	Median Detectable
13-19	137	33	24.1%	***	***
20-20	2,326	528	22.7%	17.2%	12,579
30-39	4,974	817	16.4%	34.1%	8,203
40-49	10,567	1,310	12.4%	30.9%	7,960
50-59	7,895	793	10.0%	31.4%	5,193
60+	2,685	216	8.0%	***	***
TOTAL	28,584	3,697	12.9%	30.0%	8,138

Section V – Adult/Adolescent Cases by Demographics

Table 11 – Adult/Adolescent HIV Cases by Demographics, Diagnoses during 2009

Age 13+ Population Estimate for 7/1/09, Number, Percent of Total, and Rate per 100,000 Population of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/09-12/31/09 (Adult/Adolescent Reported HIV Diagnoses), Number and Percent by Demographic of Reported HIV Diagnoses with a First Reported CD4 Test Result in the 12 Months following HIV Diagnosis (First CD4 Test Result) and Median Count of the First CD4 Test Results, Percent by Demographic of Reported HIV Diagnoses with a Reported CD4 Test Result or a Reported HIV Viral Load Test Result in the 3 Months following HIV Diagnosis (Linked to Care), and Percent by Demographic of Reported HIV Diagnoses with an AIDS Diagnosis in the 12 Months following HIV Diagnosis (Late HIV Diagnosis), by Sex at Birth, by Race/Ethnicity, and by Country of Birth, as Reported by Name through 12/31/10

SEX AT BIRTH	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
					First CD4 Test Result				
	No.	No.	% of Total	Rate	No. with Test	% with Test	Median Count	% Linked to Care	% Late Diagnosis
Male	2,268,624	986	65.2%	43.5	614	62.3%	306	57.0%	29.7%
Female	2,460,976	527	34.8%	21.4	338	64.1%	298	59.8%	28.3%
TOTAL	4,729,600	1,513	100.0%	32.0	952	62.9%	306	58.0%	29.2%

RACE/ETHNICITY	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
					First CD4 Test Result				
	No.	No.	% of Total	Rate	No. with Test	% with Test	Median Count	% Linked to Care	% Late Diagnosis
Hispanic	298,277	80	5.3%	26.8	51	63.8%	136	62.5%	42.5%
Non-Hispanic	4,431,323	1,433	94.7%	32.3	901	62.9%	309	57.7%	28.5%
American Indian/ Alaska Native, only	12,496	2	0.1%	16.0	0	0.0%	--	***	***
Asian, only	242,435	9	0.6%	3.7	8	88.9%	210	88.9%	***
Black, only	1,353,474	1,185	78.3%	87.6	720	60.8%	307	55.9%	27.7%
Native Hawaiian/Other Pacific Islander, only	2,391	1	0.1%	41.8	1	100.0%	***	***	***
White, only	2,767,919	206	13.6%	7.4	149	72.3%	360	66.0%	28.6%
Multiracial	52,608	30	2.0%	57.0	23	76.7%	199	66.7%	50.0%
TOTAL	4,729,600	1,513	100.0%	32.0	952	62.9%	306	58.0%	29.2%

COUNTRY OF BIRTH	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
					First CD4 Test Result				
	No.	No.	% of Total	Rate	No. with Test	% with Test	Median Count	% Linked to Care	% Late Diagnosis
United States	4,266,761	1,312	86.7%	30.7	816	62.2%	306	58.6%	28.6%
Foreign-born	462,839	89	5.9%	19.2	72	80.9%	242	71.9%	48.3%
Africa	--	47	3.1%	--	40	85.1%	242	74.5%	51.1%
Asia	--	10	0.7%	--	8	80.0%	219	80.0%	***
Caribbean	--	7	0.5%	--	6	85.7%	416	85.7%	***
Central America	--	23	1.5%	--	16	69.6%	148	56.5%	47.8%
Other	--	2	0.1%	--	2	100.0%	***	***	***
Unknown	--	112	7.4%	--	64	57.1%	332	39.3%	21.4%
TOTAL	4,729,600	1,513	100.0%	32.0	952	62.9%	306	58.0%	29.2%

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

Table 12 – Adult/Adolescent AIDS Cases by Demographics, Diagnoses during 2009

Age 13+ Population Estimate for 7/1/09, Number, Percent of Total, and Rate per 100,000 Population of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/09-12/31/09 (Adult/Adolescent Reported AIDS Diagnoses), and Average Years from HIV Diagnosis to AIDS Diagnosis, and Percent by Demographic of Reported AIDS Diagnoses with an HIV Diagnosis in the 12 Months preceding AIDS Diagnosis (Late HIV Diagnosis), by Sex at Birth, by Race/Ethnicity, and by Country of Birth, as Reported by Name through 12/31/10

SEX AT BIRTH	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
	No.	No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
Male	2,268,624	440	63.7%	19.4	2.5	64.8%
Female	2,460,976	251	36.3%	10.2	3.3	55.8%
TOTAL	4,729,600	691	100.0%	14.6	2.8	61.5%

RACE/ETHNICITY	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
	No.	No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	298,277	41	5.9%	13.7	1.0	85.4%
Non-Hispanic	4,431,323	650	94.1%	14.7	2.9	60.0%
American Indian/ Alaska Native, only	12,496	0	0.0%	0.0	--	--
Asian, only	242,435	6	0.9%	2.5	***	***
Black, only	1,353,474	531	76.8%	39.2	2.9	59.3%
Native Hawaiian/Other Pacific Islander, only	2,391	1	0.1%	41.8	***	***
White, only	2,767,919	80	11.6%	2.9	2.2	70.0%
Multiracial	52,608	32	4.6%	60.8	4.4	37.5%
TOTAL	4,729,600	691	100.0%	14.6	2.8	61.5%

COUNTRY OF BIRTH	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
	No.	No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
United States	4,266,761	621	89.9%	14.6	3.0	58.1%
Foreign-born	462,839	50	7.2%	10.8	0.6	88.0%
Africa	--	29	4.2%	--	0.7	86.2%
Asia	--	6	0.9%	--	0.1	100.0%
Caribbean	--	1	0.1%	--	***	***
Central America	--	13	1.9%	--	0.7	84.6%
Other	--	1	0.1%	--	***	***
Unknown	--	20	2.9%	--	0.1	100.0%
TOTAL	4,729,600	691	100.0%	14.6	2.8	61.5%

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

Table 13 – Adult/Adolescent HIV Cases by Demographics, Alive on 12/31/2009

Age 13+ Population Estimate for 7/1/09, Number, Percent of Total, and Rate per 100,000 Population of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases), and Ratio of People per Case (1 case in every X people) for Total Living HIV Cases, by Sex at Birth, by Race/Ethnicity, and by Country of Birth, as Reported by Name through 12/31/10

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.	No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Male	2,268,624	7,448	61.7%	328.3	10,844	65.7%	478.0	18,292	64.0%	806.3	124
Female	2,460,976	4,633	38.3%	188.3	5,659	34.3%	229.9	10,292	36.0%	418.2	239
TOTAL	4,729,600	12,081	100.0%	255.4	16,503	100.0%	348.9	28,584	100.0%	604.4	165

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.	No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Hispanic	298,277	407	3.4%	136.5	628	3.8%	210.5	1,035	3.6%	347.0	288
Non-Hispanic	4,431,323	11,674	96.6%	263.4	15,875	96.2%	358.2	27,549	96.4%	621.7	160
American Indian/Alaska Native, only	12,496	26	0.2%	208.1	12	0.1%	96.0	38	0.1%	304.1	328
Asian, only	242,435	66	0.5%	27.2	48	0.3%	19.8	114	0.4%	47.0	2,126
Black, only	1,353,474	9,395	77.8%	694.1	12,980	78.7%	959.0	22,375	78.3%	1,653.2	60
Native Hawaiian/ Other Pacific Islander, only	2,391	11	0.1%	460.1	9	0.1%	376.4	20	0.1%	836.5	119
White, only	2,767,919	2,018	16.7%	72.9	2,533	15.3%	91.5	4,551	15.9%	164.4	608
Multiracial	52,608	158	1.3%	300.3	293	1.8%	556.9	451	1.6%	857.3	116
TOTAL	4,729,600	12,081	100.0%	255.4	16,503	100.0%	348.9	28,584	100.0%	604.4	165

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.	No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
United States	4,266,761	11,297	93.5%	264.8	15,142	91.8%	354.9	26,439	92.5%	619.7	161
Foreign-born	462,839	662	5.5%	143.0	1,339	8.1%	289.3	2,001	7.0%	432.3	231
Africa	--	357	3.0%	--	765	4.6%	--	1,122	3.9%	--	--
Asia	--	37	0.3%	--	50	0.3%	--	87	0.3%	--	--
Caribbean	--	50	0.4%	--	124	0.8%	--	174	0.6%	--	--
Central America	--	88	0.7%	--	226	1.4%	--	314	1.1%	--	--
Other	--	130	1.1%	--	174	1.1%	--	304	1.1%	--	--
Unknown	--	122	1.0%	--	22	0.1%	--	144	0.5%	--	--
TOTAL	4,729,600	12,081	100.0%	255.4	16,503	100.0%	348.9	28,584	100.0%	604.4	165

Table 14 – CD4 Testing for Adult/Adolescent HIV Cases by Demographics, Alive on 12/31/2009

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Demographic of Adult/Adolescent Total Living HIV Cases with a Reported CD4 Test Result in the Previous 12 Months (Recent CD4 Test Result), and Median Count in Cells per Microliter and Percent Distribution by Demographic of Counts for the Last Recent CD4 Test Results, by Sex at Birth, by Race/Ethnicity, and by Country of Birth, as Reported by Name through 12/31/10

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	18,292	2,982	16.3%	337	32.4%	19.6%	18.0%	30.0%
Female	10,292	1,915	18.6%	365	29.3%	18.9%	18.3%	33.5%
TOTAL	28,584	4,897	17.1%	348	31.2%	19.3%	18.1%	31.4%

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	1,035	234	22.6%	331	32.5%	20.5%	22.6%	24.4%
Non-Hispanic	27,549	4,663	16.9%	348	31.1%	19.3%	17.9%	31.8%
American Indian/ Alaska Native, only	38	0	0.0%	--	--	--	--	--
Asian, only	114	17	14.9%	***	***	***	***	***
Black, only	22,375	3,877	17.3%	341	31.5%	19.4%	18.0%	31.0%
Native Hawaiian/Other Pacific Islander, only	20	3	15.0%	***	***	***	***	***
White, only	4,551	585	12.9%	386	26.7%	17.3%	18.1%	37.9%
Multiracial	451	181	40.1%	274	35.9%	23.8%	13.8%	26.5%
TOTAL	28,584	4,897	17.1%	348	31.2%	19.3%	18.1%	31.4%

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	26,439	4,299	16.3%	335	32.8%	19.0%	17.5%	30.7%
Foreign-born	2,001	565	28.2%	415	17.3%	21.4%	23.2%	38.1%
Africa	1,122	369	32.9%	425	15.4%	22.5%	24.1%	37.9%
Asia	87	20	23.0%	435	***	***	***	***
Caribbean	174	34	19.5%	503	***	***	***	***
Central America	314	88	28.0%	373	26.1%	20.5%	26.1%	27.3%
Other	304	54	17.8%	483	14.8%	18.5%	18.5%	48.1%
Unknown	144	33	22.9%	258	48.5%	27.3%	12.1%	12.1%
TOTAL	28,584	4,897	17.1%	348	31.2%	19.3%	18.1%	31.4%

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

Table 15 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Demographics, Alive on 12/31/2009

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Demographic of Adult/Adolescent Total Living HIV Cases with a Reported HIV Viral Load Test Result in the Previous 12 Months (Recent Viral Load Test Result), Percent by Demographic of the Last Recent Viral Load Test Results that were Undetectable and the Median Detectable Result in Copies per Milliliter, by Sex at Birth, by Race/Ethnicity, and by Country of Birth, as Reported by Name through 12/31/10

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Undetectable	Median Detectable
Male	18,292	2,168	11.9%	28.7%	10,434
Female	10,292	1,529	14.9%	31.8%	6,010
TOTAL	28,584	3,697	12.9%	30.0%	8,138

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Undetectable	Median Detectable
Hispanic	1,035	218	21.1%	46.8%	15,713
Non-Hispanic	27,549	3,479	12.6%	28.9%	7,807
American Indian/ Alaska Native, only	38	0	0.0%	--	--
Asian, only	114	14	12.3%	***	***
Black, only	22,375	2,868	12.8%	28.0%	7,814
Native Hawaiian/ Other Pacific Islander, only	20	3	15.0%	***	***
White, only	4,551	457	10.0%	32.6%	6,365
Multiracial	451	137	30.4%	35.0%	15,482
TOTAL	28,584	3,697	12.9%	30.0%	8,138

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Undetectable	Median Detectable
United States	26,439	3,128	11.8%	24.2%	8,456
Foreign-born	2,001	532	26.6%	65.4%	4,476
Africa	1,122	346	30.8%	68.2%	3,448
Asia	87	21	24.1%	***	***
Caribbean	174	34	19.5%	***	***
Central America	314	82	26.1%	59.8%	15,822
Other	304	49	16.1%	73.5%	2,148
Unknown	144	37	25.7%	8.1%	27,438
TOTAL	28,584	3,697	12.9%	30.0%	8,138

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

Section VI – HIV Cases by Expanded Demographics, Alive on 12/31/2009

Table 16 – Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2009

Population Estimate for 7/1/09, Number, Rate per 100,000 Population, and Ratio of Males per Case (1 case in every X males) for Male Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Total Living HIV Cases) by Race/Ethnicity and Age on 12/31/09, as Reported by Name through 12/31/10

MALES						
		RACE/ETHNICITY				
AGE ON 12/31/09		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	TOTAL MALES BY AGE GROUP
<13 (Pediatric)	**Population**	57,550	151,566	241,717	44,349	495,182
	Cases	***	62	***	***	75
	Rate	***	40.9	***	***	15.1
	Ratio (1 in X)	***	2,444	***	***	6,602
13-19	**Population**	21,073	90,815	148,342	19,550	279,780
	Cases	***	161	***	***	180
	Rate	***	177.3	***	***	64.3
	Ratio (1 in X)	***	564	***	***	1,554
20-29	**Population**	39,650	120,084	206,155	26,330	392,219
	Cases	87	1,304	178	37	1,606
	Rate	219.4	1,085.9	86.3	140.5	409.5
	Ratio (1 in X)	455	92	1,158	711	244
30-39	**Population**	43,606	106,564	184,444	30,596	365,210
	Cases	249	1,813	452	82	2,596
	Rate	571.0	1,701.3	245.1	268.0	710.8
	Ratio (1 in X)	175	58	408	373	140
40-49	**Population**	29,304	118,860	247,605	26,944	422,713
	Cases	260	4,840	1,355	166	6,621
	Rate	887.3	4,072.0	547.2	616.1	1,566.3
	Ratio (1 in X)	112	24	182	162	63
50-59	**Population**	15,536	94,972	245,240	20,775	376,523
	Cases	149	4,244	1,013	87	5,493
	Rate	959.1	4,468.7	413.1	418.8	1,458.9
	Ratio (1 in X)	104	22	242	238	68
60+	**Population**	11,107	88,927	309,343	22,802	432,179
	Cases	40	1,423	458	37	1,958
	Rate	360.1	1,600.2	148.1	162.3	453.1
	Ratio (1 in X)	277	62	675	616	220
TOTAL MALES BY RACE/ ETHNICITY	**Population**	217,826	771,788	1,582,846	191,346	2,763,806
	Cases	791	13,847	3,479	412	18,529
	Rate	363.1	1,794.1	219.8	215.3	670.4
	Ratio (1 in X)	275	55	454	464	149

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

Table 17 – Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2009

Population Estimate for 7/1/09, Number, Rate per 100,000 Population, and Ratio of Females per Case (1 case in every X females) for Female Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Total Living HIV Cases) by Race/Ethnicity and Age on 12/31/09, as Reported by Name through 12/31/10

FEMALES						
		RACE/ETHNICITY				
AGE ON 12/31/09		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic, Other Race	TOTAL FEMALES BY AGE GROUP
<13 (Pediatric)	**Population**	55,306	146,582	229,589	43,219	474,696
	Cases	***	66	***	***	72
	Rate	***	40.9	***	***	15.2
	Ratio (1 in X)	***	2,444	***	***	6,593
13-19	**Population**	19,498	89,111	140,294	18,885	267,788
	Cases	***	167	***	***	186
	Rate	***	177.3	***	***	69.5
	Ratio (1 in X)	***	564	***	***	1,439
20-29	**Population**	30,142	125,485	199,912	27,892	383,431
	Cases	33	689	88	24	834
	Rate	219.4	1,085.9	86.3	140.5	217.5
	Ratio (1 in X)	455	92	1,158	711	459
30-39	**Population**	31,970	124,126	189,376	34,054	379,526
	Cases	79	1,960	282	63	2,384
	Rate	571.0	1,701.3	245.1	268.0	628.2
	Ratio (1 in X)	175	58	408	373	159
40-49	**Population**	25,775	142,561	256,501	30,443	455,280
	Cases	92	3,356	420	78	3,946
	Rate	887.3	4,072.0	547.2	616.1	866.7
	Ratio (1 in X)	112	24	182	162	115
50-59	**Population**	15,509	119,950	253,114	24,284	412,857
	Cases	27	2,093	240	42	2,402
	Rate	959.1	4,468.7	413.1	418.8	581.8
	Ratio (1 in X)	104	22	242	238	171
60+	**Population**	15,107	132,019	387,591	27,377	562,094
	Cases	16	627	75	9	727
	Rate	360.1	1,600.2	148.1	162.3	129.3
	Ratio (1 in X)	277	62	675	616	773
TOTAL FEMALES BY RACE/ ETHNICITY	**Population**	193,307	879,834	1,656,377	206,154	2,935,672
	Cases	253	8,958	1,120	220	10,551
	Rate	130.9	1,018.1	67.6	106.7	359.4
	Ratio (1 in X)	764	98	1,478	937	278

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

Section VII – HIV Exposure Category

Table 18 – Adult/Adolescent HIV Cases by Exposure Category and Sex at Birth, Diagnoses during 2009

Number, Percent of Total with Exposure Category, and Percent of Total with Exposure Category including Presumed Female Heterosexual Exposure of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/09-12/31/09 (Adult/Adolescent Reported HIV Diagnoses), Number and Percent by Exposure Category of Adult/Adolescent Reported HIV Diagnoses with a First Reported CD4 Test Result in the 12 Months following HIV Diagnosis (First CD4 Test Result) and Median Count of the First CD4 Test Results, Percent by Exposure Category of Adult/Adolescent Reported HIV Diagnoses with a Reported CD4 Test Result or a Reported HIV Viral Load Test Result in the 3 Months following HIV Diagnosis (Linked to Care), and Percent by Exposure Category of Adult/Adolescent Reported HIV Diagnoses with an AIDS Diagnosis in the 12 Months following HIV Diagnosis (Late HIV Diagnosis), by Exposure Category and by Sex at Birth and Exposure Category, as Reported by Name through 12/31/10

EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses						
	No.	% of Total	% of Total	First CD4 Test Result		% Linked to Care	% Late Diagnosis
				% with Test	Median Count		
Men who have Sex with Men (MSM)	291	44.6%	44.4%	72.5%	348	71.1%	26.5%
Injection Drug Users (IDU)	111	17.0%	16.9%	69.4%	338	65.8%	33.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	10	1.5%	1.5%	80.0%	***	***	***
Heterosexual Exposure (HET)	237	36.3%	36.2%	72.6%	214	70.0%	43.5%
Other Exposures	4	0.6%	0.6%	25.0%	***	***	***
No Reported Exposure	860			56.2%	304	49.1%	25.9%
Presumed Female Heterosexual Exposure	2		0.3%	50.0%	***	***	***
TOTAL	1,513			62.9%	306	58.0%	29.2%
With Exposure	653	100.0%		71.8%	306	69.7%	33.5%
With Exposure, including Presumed Female Heterosexual	655		100.0%	71.8%	306	69.8%	33.6%

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

MALES EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
Men who have Sex with Men (MSM)	291	62.7%	72.5%	348	71.1%	26.5%
Injection Drug Users (IDU)	70	15.1%	67.1%	338	62.9%	34.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	10	2.2%	80.0%	***	***	***
Heterosexual Exposure (HET)	91	19.6%	78.0%	116	76.9%	56.0%
Other Exposures	2	0.4%	50.0%	***	***	***
No Reported Exposure	522		52.9%	302	44.6%	26.8%
TOTAL	986		62.3%	307	57.0%	29.7%
With Exposure	464	100.0%	72.8%	314	70.9%	33.0%

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses						
	No.	% of Total	% of Total	First CD4 Test Result		% Linked to Care	% Late Diagnosis
				% with Test	Median Count		
Injection Drug Users (IDU)	41	21.7%	21.5%	73.2%	348	70.7%	31.7%
Heterosexual Exposure (HET)	146	77.2%	76.4%	69.2%	270	65.8%	35.6%
Other Exposures	2	1.1%	1.0%	0.0%	***	***	***
No Reported Exposure	338			61.2%	306	55.9%	24.6%
Presumed Female Heterosexual Exposure	2		1.0%	50.0%	***	***	***
TOTAL	527			64.1%	299	59.8%	28.3%
With Exposure	189	100.0%		69.3%	288	66.7%	34.9%
With Exposure, including Presumed Female Heterosexual	191		100.0%	69.1%	283	67.0%	35.1%

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

Table 19 – Adult/Adolescent AIDS Cases by Exposure Category and Sex at Birth, Diagnoses during 2009

Number, Percent of Total with Exposure Category, and Percent of Total with Exposure Category including Presumed Female Heterosexual Exposure of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/09-12/31/09 (Adult/Adolescent Reported AIDS Diagnoses), and Average Years from HIV Diagnosis to AIDS Diagnosis, and Percent by Exposure Category of Adult/Adolescent Reported AIDS Diagnoses with an HIV Diagnosis in the 12 Months preceding AIDS Diagnosis (Late HIV Diagnosis), by Exposure Category and by Sex at Birth and Exposure Category, as Reported by Name through 12/31/10

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses				
	No.	% of Total	% of Total	Years from HIV Diagnosis	% Late HIV Diagnosis
Men who have Sex with Men (MSM)	134	30.2%	30.0%	2.9	61.9%
Injection Drug Users (IDU)	125	28.2%	28.0%	5.3	32.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	13	2.9%	2.9%	6.3	7.7%
Heterosexual Exposure (HET)	171	38.5%	38.3%	2.7	59.1%
Other Exposures	1	0.2%	0.2%	***	***
No Reported Exposure	247			1.3	80.6%
Presumed Female Heterosexual Exposure	2		0.4%	***	***
TOTAL	691			2.8	61.5%
With Exposure	444	100.0%		3.6	50.9%
With Exposure, including Presumed Female Heterosexual	446		100.0%	3.6	50.9%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total	Years from HIV Diagnosis	% Late HIV Diagnosis
Men who have Sex with Men (MSM)	134	46.5%	2.9	61.9%
Injection Drug Users (IDU)	67	23.3%	4.8	35.8%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	13	4.5%	6.3	7.7%
Heterosexual Exposure (HET)	74	25.7%	2.0	68.9%
Other Exposures	0	0.0%	--	--
No Reported Exposure	152		1.0	82.9%
TOTAL	440		2.5	64.8%
With Exposure	288	100.0%	3.3	55.2%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses				
	No.	% of Total	% of Total	Years from HIV Diagnosis	% Late HIV Diagnosis
Injection Drug Users (IDU)	58	37.2%	36.7%	5.8	27.6%
Heterosexual Exposure (HET)	97	62.2%	61.4%	3.3	51.5%
Other Exposures	1	0.6%	0.6%	***	***
No Reported Exposure	95			1.9	76.8%
Presumed Female Heterosexual Exposure	2		1.3%	***	***
TOTAL	251			3.3	55.8%
With Exposure	156	100.0%		4.2	42.9%
With Exposure, including Presumed Female Heterosexual	158		100.0%	4.2	43.0%

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

Table 20 – Adult/Adolescent HIV Cases by Exposure Category and Sex at Birth, Alive on 12/31/2009

Number, Percent of Total with Exposure Category, and Percent of Total with Exposure Category including Presumed Female Heterosexual Exposure, of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases), by Exposure Category and by Sex at Birth and Exposure Category, as Reported by Name through 12/31/10

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	% of Total	No.	% of Total	% of Total	No.	% of Total	% of Total
Men who have Sex with Men (MSM)	2,411	31.0%	30.7%	3,642	25.6%	25.5%	6,053	27.5%	27.3%
Injection Drug Users (IDU)	2,560	32.9%	32.6%	5,551	39.0%	38.8%	8,111	36.9%	36.6%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	234	3.0%	3.0%	574	4.0%	4.0%	808	3.7%	3.6%
Heterosexual Exposure (HET)	2,548	32.8%	32.5%	4,384	30.8%	30.7%	6,932	31.5%	31.3%
Other Exposures	22	0.3%	0.3%	69	0.5%	0.5%	91	0.4%	0.4%
No Reported Exposure	4,306			2,283			6,589		
Presumed Female Heterosexual Exposure	69		0.9%	80		0.6%	149		0.7%
TOTAL	12,081			16,503			28,584		
With Exposure	7,775	100.0%		14,220	100.0%		21,995	100.0%	
With Exposure, including Presumed Female Heterosexual	7,844		100.0%	14,300		100.0%	22,144		100.0%

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	No.	% of Total	No.	% of Total
Men who have Sex with Men (MSM)	2,411	47.7%	3,642	38.3%	6,053	41.6%
Injection Drug Users (IDU)	1,613	31.9%	3,610	38.0%	5,223	35.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	234	4.6%	574	6.0%	808	5.6%
Heterosexual Exposure (HET)	785	15.5%	1,642	17.3%	2,427	16.7%
Other Exposures	10	0.2%	37	0.4%	47	0.3%
No Reported Exposure	2,395		1,339		3,734	
TOTAL	7,448		10,844		18,292	
With Exposure	5,053	100.0%	9,505	100.0%	14,558	100.0%

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	% of Total	No.	% of Total	% of Total	No.	% of Total	% of Total
Injection Drug Users (IDU)	947	34.8%	33.9%	1,941	41.2%	40.5%	2,888	38.8%	38.1%
Heterosexual Exposure (HET)	1,763	64.8%	63.2%	2,742	58.2%	57.2%	4,505	60.6%	59.4%
Other Exposures	12	0.4%	0.4%	32	0.7%	0.7%	44	0.6%	0.6%
No Reported Exposure	1,911			944			2,855		
Presumed Female Heterosexual Exposure	69		2.5%	80		1.7%	149		2.0%
TOTAL	4,633			5,659			10,292		
With Exposure	2,722	100.0%		4,715	100.0%		7,437	100.0%	
With Exposure, including Presumed Female Heterosexual	2,791		100.0%	4,795		100.0%	7,586		100.0%

Table 21 – Adult/Adolescent HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2009

Number, Percent of Total with Exposure Category, and Percent of Total with Exposure Category including Presumed Female Heterosexual Exposure, of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Total Living HIV Cases), by Exposure Category and Selected Race/Ethnicity Categories, and by Sex at Birth, Exposure Category, and Selected Race/Ethnicity Categories, as Reported by Name through 12/31/10

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases								
	Race/Ethnicity								
	Hispanic			Non-Hispanic, Black, only			Non-Hispanic, White, only		
	No.	% of Total	% of Total	No.	% of Total	% of Total	No.	% of Total	% of Total
Men who have Sex with Men (MSM)	286	37.5%	37.1%	3,680	21.5%	21.4%	1,934	53.0%	52.8%
Injection Drug Users (IDU)	***	***	***	6,917	40.5%	40.2%	930	25.5%	25.4%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	21	2.8%	2.7%	622	3.6%	3.6%	138	3.8%	3.8%
Heterosexual Exposure (HET)	355	46.6%	46.0%	5,824	34.1%	33.8%	615	16.9%	16.8%
Other Exposures	***	***	***	54	0.3%	0.3%	31	0.8%	0.8%
No Reported Exposure	273			5,278			903		
Presumed Female Heterosexual Exposure	9		1.2%	121		0.7%	16		0.4%
TOTAL	1,035			22,375			4,551		
With Exposure	762	100.0%		17,097	100.0%		3,648	100.0%	
With Exposure, including Presumed Female Heterosexual	771		100.0%	17,218		100.0%	3,664		100.0%

MALES EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total	No.	% of Total	No.	% of Total
Men who have Sex with Men (MSM)	286	48.9%	3,680	34.0%	1,934	68.4%
Injection Drug Users (IDU)	***	***	4,543	42.0%	508	18.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	21	3.6%	622	5.8%	138	4.9%
Heterosexual Exposure (HET)	202	34.5%	1,947	18.0%	224	7.9%
Other Exposures	***	***	20	0.2%	25	0.9%
No Reported Exposure	202		2,836		621	
TOTAL	787		13,648		3,450	
With Exposure	585	100.0%	10,812	100.0%	2,829	100.0%

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases								
	Race/Ethnicity								
	Hispanic			Non-Hispanic, Black, only			Non-Hispanic, White, only		
	No.	% of Total	% of Total	No.	% of Total	% of Total	No.	% of Total	% of Total
Injection Drug Users (IDU)	***	***	***	2,374	37.8%	37.1%	422	51.5%	50.5%
Heterosexual Exposure (HET)	153	86.4%	82.3%	3,877	61.7%	60.5%	391	47.7%	46.8%
Other Exposures	***	***	***	34	0.5%	0.5%	6	0.7%	0.7%
No Reported Exposure	71			2,442			282		
Presumed Female Heterosexual Exposure	9		4.8%	121		1.9%	16		1.9%
TOTAL	248			8,727			1,101		
With Exposure	177	100.0%		6,285	100.0%		819	100.0%	
With Exposure, including Presumed Female Heterosexual	186		100.0%	6,406		100.0%	835		100.0%

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

Table 22 – CD4 Testing for Adult/Adolescent HIV Cases by Exposure Category, Alive on 12/31/2009

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Exposure Category of Adult/Adolescent Total Living HIV Cases with a Reported CD4 Test Result in the Previous 12 Months (Recent CD4 Test Result), and Median Count in Cells per Microliter and Percent Distribution by Exposure Category of Counts for the Last Recent CD4 Test Results, by Exposure Category, as Reported by Name through 12/31/10

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Men who have Sex with Men (MSM)	6,053	904	14.9%	378	27.0%	18.9%	19.5%	34.6%
Injection Drug Users (IDU)	8,111	1,303	16.1%	289	39.0%	19.0%	15.5%	26.5%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	808	144	17.8%	281	***	***	***	***
Heterosexual Exposure (HET)	6,932	1,401	20.2%	364	29.3%	18.7%	18.6%	33.5%
Other Exposures	91	11	12.1%	255	36.4%	36.4%	18.2%	9.1%
No Reported Exposure	6,589	1,134	17.2%	371	27.5%	19.9%	19.4%	33.2%
Presumed Female Heterosexual Exposure	149	25	16.8%	324	***	***	***	***
TOTAL	28,584	4,897	17.1%	348	31.2%	19.3%	18.1%	31.4%
With Exposure	21,995	3,763	17.1%	339	32.3%	19.1%	17.7%	30.9%
With Exposure, including Presumed Female Heterosexual	22,144	3,788	17.1%	339	32.3%	19.1%	17.7%	30.8%

Table 23 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Exposure Category, Alive on 12/31/2009

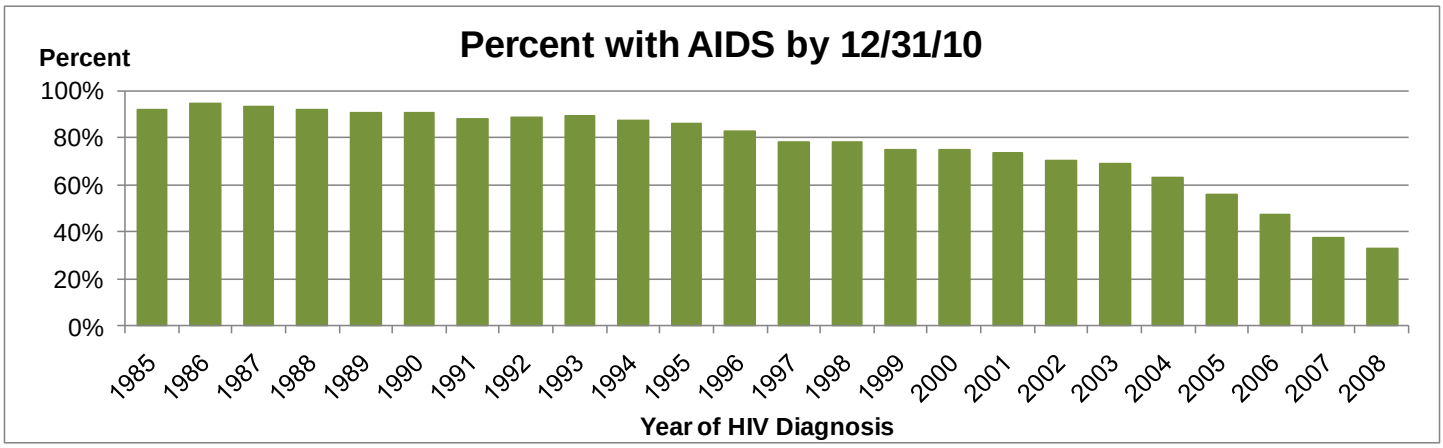
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Exposure Category of Adult/Adolescent Total Living HIV Cases with a Reported HIV Viral Load Test Result in the Previous 12 Months (Recent Viral Load Test Result), Percent by Exposure Category of the Last Recent Viral Load Test Results that were Undetectable, and the Median Detectable Result in Copies per Milliliter, by Exposure Category, as Reported by Name through 12/31/10

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Un-detectable	Median Detectable
Men who have Sex with Men (MSM)	6,053	722	11.9%	29.1%	9,050
Injection Drug Users (IDU)	8,111	826	10.2%	21.4%	8,377
Men who have Sex with Men and Inject Drugs (MSM/IDU)	808	93	11.5%	***	***
Heterosexual Exposure (HET)	6,932	1,150	16.6%	41.7%	6,568
Other Exposures	91	11	12.1%	***	***
No Reported Exposure	6,589	895	13.6%	23.8%	8,817
Presumed Female Heterosexual Exposure	149	19	12.8%	***	***
TOTAL	28,584	3,697	12.9%	30.0%	8,138
With Exposure	21,995	2,802	12.7%	31.9%	7,749
With Exposure, including Presumed Female Heterosexual	22,144	2,821	12.7%	31.8%	7,765

Section VIII – Disease Progression and Mortality

Figure 7 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2008

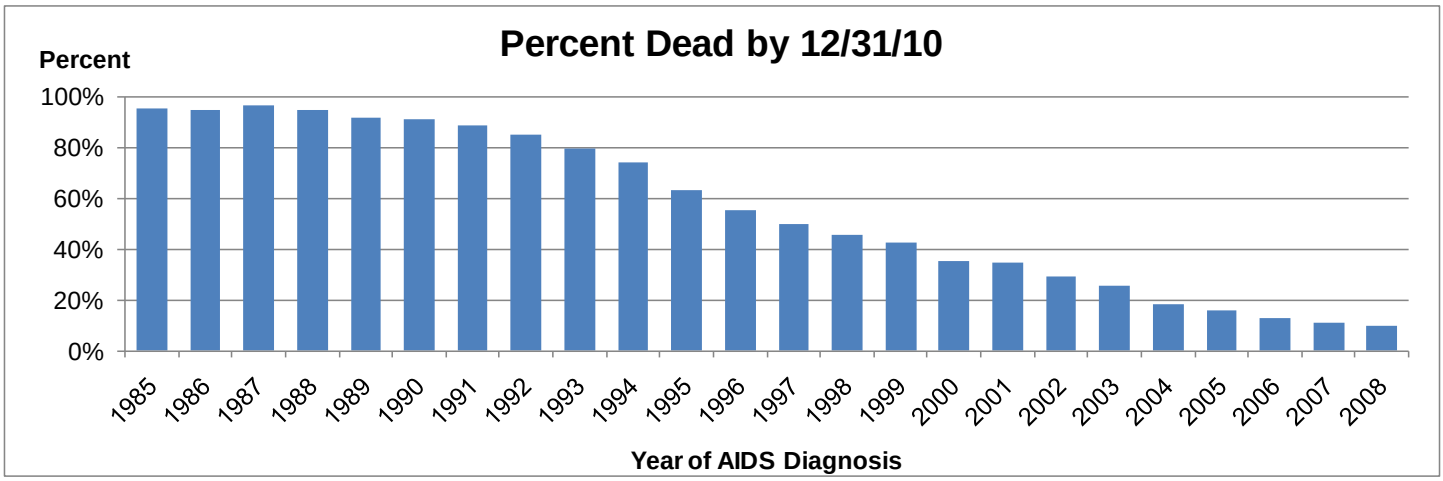
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/08 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/10 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/10, 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 2008, as Reported by Name through 12/31/10



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	308	294	95.5%	5.9	44.8%	44.8%	47.4%	71.1%
1985	632	581	91.9%	6.1	33.2%	34.0%	38.8%	74.5%
1986	862	817	94.8%	5.2	37.1%	37.6%	48.1%	82.0%
1987	1,186	1,104	93.1%	4.1	40.9%	42.0%	58.0%	83.8%
1988	1,602	1,477	92.2%	3.4	41.9%	45.4%	66.6%	86.1%
1989	2,098	1,899	90.5%	3.1	42.4%	46.9%	69.5%	84.7%
1990	2,177	1,965	90.3%	2.6	46.2%	53.4%	73.8%	85.7%
1991	2,532	2,227	88.0%	2.5	47.3%	56.3%	73.7%	82.8%
1992	2,386	2,109	88.4%	2.3	50.8%	59.4%	75.2%	83.3%
1993	2,128	1,895	89.1%	1.8	56.9%	65.2%	78.4%	86.1%
1994	1,979	1,728	87.3%	1.8	58.3%	65.8%	76.6%	84.1%
1995	1,990	1,710	85.9%	1.8	59.2%	64.6%	73.7%	83.0%
1996	1,834	1,523	83.0%	1.6	59.9%	64.2%	71.9%	80.4%
1997	1,874	1,466	78.2%	1.5	56.9%	61.2%	68.8%	75.9%
1998	1,810	1,416	78.2%	1.5	57.1%	61.0%	68.9%	76.5%
1999	1,783	1,331	74.6%	1.2	57.3%	61.3%	67.6%	73.9%
2000	1,714	1,282	74.8%	1.2	56.0%	59.7%	68.6%	--
2001	1,854	1,369	73.8%	0.9	58.1%	61.3%	69.5%	--
2002	1,918	1,353	70.5%	0.8	56.9%	60.9%	67.4%	--
2003	1,981	1,363	68.8%	0.7	56.6%	59.6%	64.9%	--
2004	2,051	1,299	63.3%	0.6	53.3%	56.4%	61.5%	--
2005	2,101	1,178	56.1%	0.5	48.1%	50.5%	--	--
2006	2,123	1,006	47.4%	0.5	40.4%	42.7%	--	--
2007	2,342	873	37.3%	0.4	32.5%	34.4%	--	--
2008	2,244	745	33.2%	0.2	30.2%	--	--	--
TOTAL	45,509	34,010	74.7%	1.9	49.5%	54.0%	63.9%	71.9%

Figure 8 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2008

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/08 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/10 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/10, 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 2008, as Reported by Name through 12/31/10

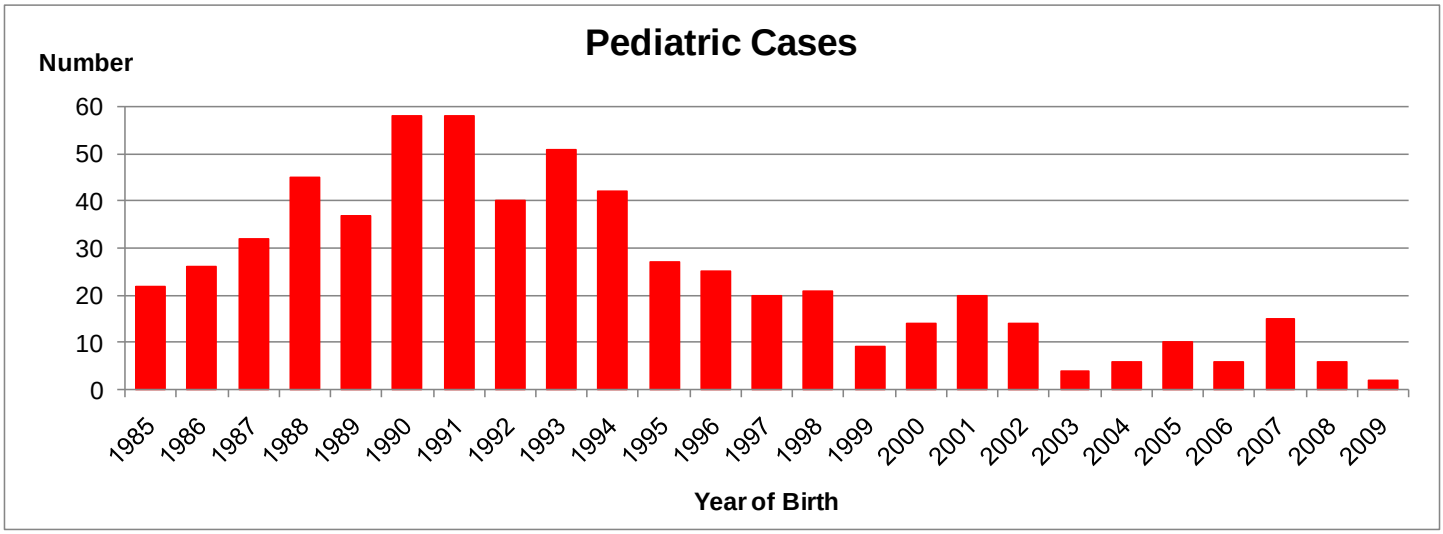


YEAR OF AIDS DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	139	136	97.8%	1.4	41.0%	18.7%	7.9%	4.3%
1985	208	198	95.2%	1.4	42.3%	19.7%	11.1%	6.3%
1986	313	297	94.9%	1.9	50.8%	32.9%	13.1%	8.6%
1987	490	474	96.7%	1.8	56.9%	31.8%	10.8%	5.5%
1988	681	646	94.9%	2.0	60.2%	37.3%	13.7%	6.6%
1989	913	838	91.8%	2.2	63.6%	43.4%	17.9%	10.4%
1990	1,171	1,064	90.9%	2.5	66.4%	47.7%	21.8%	13.0%
1991	1,461	1,300	89.0%	2.3	68.1%	48.0%	19.4%	13.5%
1992	1,955	1,662	85.0%	2.5	72.2%	51.5%	24.2%	18.7%
1993	2,251	1,797	79.8%	2.9	77.4%	57.3%	34.7%	24.3%
1994	2,170	1,611	74.2%	2.9	77.8%	59.3%	40.6%	29.2%
1995	2,166	1,370	63.3%	3.2	78.6%	67.8%	52.5%	40.1%
1996	1,958	1,089	55.6%	3.6	82.5%	76.1%	61.8%	48.0%
1997	1,695	842	49.7%	3.6	85.8%	79.0%	65.1%	53.5%
1998	1,534	703	45.8%	3.5	87.2%	81.3%	67.5%	56.5%
1999	1,549	657	42.4%	3.2	87.6%	81.6%	68.2%	59.1%
2000	1,431	510	35.6%	3.0	88.5%	84.1%	72.4%	--
2001	1,563	545	34.9%	2.5	87.5%	81.4%	70.8%	--
2002	1,510	442	29.3%	2.2	88.3%	83.3%	75.0%	--
2003	1,599	409	25.6%	1.7	86.6%	83.1%	76.9%	--
2004	1,559	286	18.3%	1.8	91.1%	88.3%	83.3%	--
2005	1,482	235	15.9%	1.4	91.1%	89.5%	--	--
2006	1,265	161	12.7%	1.4	93.5%	91.2%	--	--
2007	1,096	120	10.9%	0.9	93.0%	91.2%	--	--
2008	1,011	101	10.0%	0.6	92.4%	--	--	--
TOTAL	33,170	17,493	52.7%	2.6	81.1%	70.7%	56.2%	49.2%

Section IX – Pediatric Cases

Figure 9 – Trends in Pediatric HIV Cases, 1985-2009

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 2009, as Reported by Name through 12/31/10



YEAR	Pediatric Reported HIV Cases				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	55	4	2	0	--
1985	22	12	8	2	15
1986	26	14	6	4	25
1987	32	21	14	5	41
1988	45	28	19	6	63
1989	37	34	25	8	89
1990	58	50	22	9	130
1991	58	59	37	12	177
1992	40	61	37	11	227
1993	51	55	35	16	266
1994	42	42	31	16	291
1995	27	29	21	20	300
1996	25	32	22	18	314
1997	20	15	11	6	323
1998	21	18	10	5	336
1999	9	26	13	5	356
2000	14	12	5	0	368
2001	20	15	10	4	380
2002	14	13	8	3	390
2003	4	4	2	4	390
2004	6	10	4	4	396
2005	10	11	4	2	404
2006	6	15	5	0	419
2007	15	60	4	4	475
2008	6	17	9	3	489
2009	2	8	2	1	496
TOTAL	665	665	366	168	--

Table 24 – Pediatric HIV Cases by Jurisdiction, HIV Diagnosis during 2009, Alive on 12/31/2009

Number and Percent of Total of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) and Number and Percent of Total of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of 12/31/09 (Pediatric Total Living HIV Cases) by Jurisdiction of Residence at the Latter of HIV or AIDS Diagnosis, as Reported by Name through 12/31/10

JURISDICTION AT DIAGNOSIS	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	%		No.
Allegany	0	0.0%	2	0.4%
Anne Arundel	0	0.0%	24	4.8%
Baltimore City	2	25.0%	239	48.2%
Baltimore	2	25.0%	45	9.1%
Calvert	0	0.0%	3	0.6%
Caroline	1	12.5%	1	0.2%
Carroll	0	0.0%	4	0.8%
Cecil	0	0.0%	2	0.4%
Charles	0	0.0%	2	0.4%
Dorchester	0	0.0%	3	0.6%
Frederick	0	0.0%	5	1.0%
Garrett	0	0.0%	0	0.0%
Harford	0	0.0%	12	2.4%
Howard	0	0.0%	7	1.4%
Kent	0	0.0%	1	0.2%
Montgomery	3	37.5%	43	8.7%
Prince George's	0	0.0%	94	19.0%
Queen Anne's	0	0.0%	0	0.0%
Saint Mary's	0	0.0%	0	0.0%
Somerset	0	0.0%	1	0.2%
Talbot	0	0.0%	2	0.4%
Washington	0	0.0%	3	0.6%
Wicomico	0	0.0%	2	0.4%
Worcester	0	0.0%	1	0.2%
Corrections	0	0.0%	0	0.0%
TOTAL	8	100.0%	496	100.0%

Table 25 – Pediatric HIV Cases by Demographics, HIV Diagnosis during 2009, Alive on 12/31/2009

Number and Percent of Total of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) and Number and Percent of Total of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of 12/31/09 (Pediatric Total Living HIV Cases) by Sex at Birth and by Race/Ethnicity, as Reported by Name through 12/31/10

SEX AT BIRTH	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	%	No.	%
Male	1	12.5%	237	47.8%
Female	7	87.5%	259	52.2%
TOTAL	8	100.0%	496	100.0%

RACE/ETHNICITY	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	%	No.	%
Hispanic	1	12.5%	9	1.8%
Non-Hispanic	7	87.5%	487	98.2%
American Indian/ Alaska Native, only	0	0.0%	1	0.2%
Asian, only	0	0.0%	2	0.4%
Black, only	6	85.7%	430	88.3%
Native Hawaiian/Other Pacific Islander, only	0	0.0%	0	0.0%
White, only	0	0.0%	48	9.9%
Multiracial	1	14.3%	6	1.2%
TOTAL	8	100.0%	496	100.0%

Table 26 – Perinatal HIV Transmissions by Year of Birth, 2005-2009

Number of Live Births by Year of Birth, Number of Reported HIV Cases among Women of Childbearing Age, Age 13-49 on 12/31 of Each Year, with or without an AIDS Diagnosis and Not Reported to have Died as of 12/31 of Each Year (Women of Childbearing Age Total Living HIV Cases), Number of Reported Perinatal HIV Exposures, Number of Completed Perinatal HIV Investigations, Number of Confirmed Perinatal HIV Transmissions, and the Percent of Confirmed Perinatal HIV Transmissions among Completed Perinatal HIV Investigations (Perinatal HIV Transmission Rate) by Year of Birth from 2005 through 2009, as Reported by Name through 12/31/10

YEAR OF BIRTH	Live Births	Women of Childbearing Age Total Living HIV Cases	Reported Perinatal HIV Exposures	Completed Perinatal HIV Investigations	Confirmed Perinatal HIV Transmissions	Perinatal HIV Transmission Rate
	No.	No.	No.	No.	No.	%
2005	74,880	6,437	140	140	4	2.9%
2006	77,430	6,784	176	176	3	1.7%
2007	78,057	7,144	175	175	7	4.0%
2008	77,268	7,368	206	206	6	2.9%
2009	74,999	7,351	171	147	3	1.8%
TOTAL	382,634	--	868	844	23	2.7%

Live births from Maryland Vital Statistics Annual Report 2009.

Women of childbearing age total living HIV cases and reported perinatal HIV exposures from Maryland Enhanced HIV/AIDS Reporting System, December 31, 2010.

Completed perinatal HIV investigations and confirmed perinatal HIV transmissions from Maryland Enhanced Perinatal Surveillance System, January 31, 2011.