

Washington DC Metropolitan Statistical Area (MSA) HIV/AIDS Epidemiological Profile

Fourth Quarter 2011

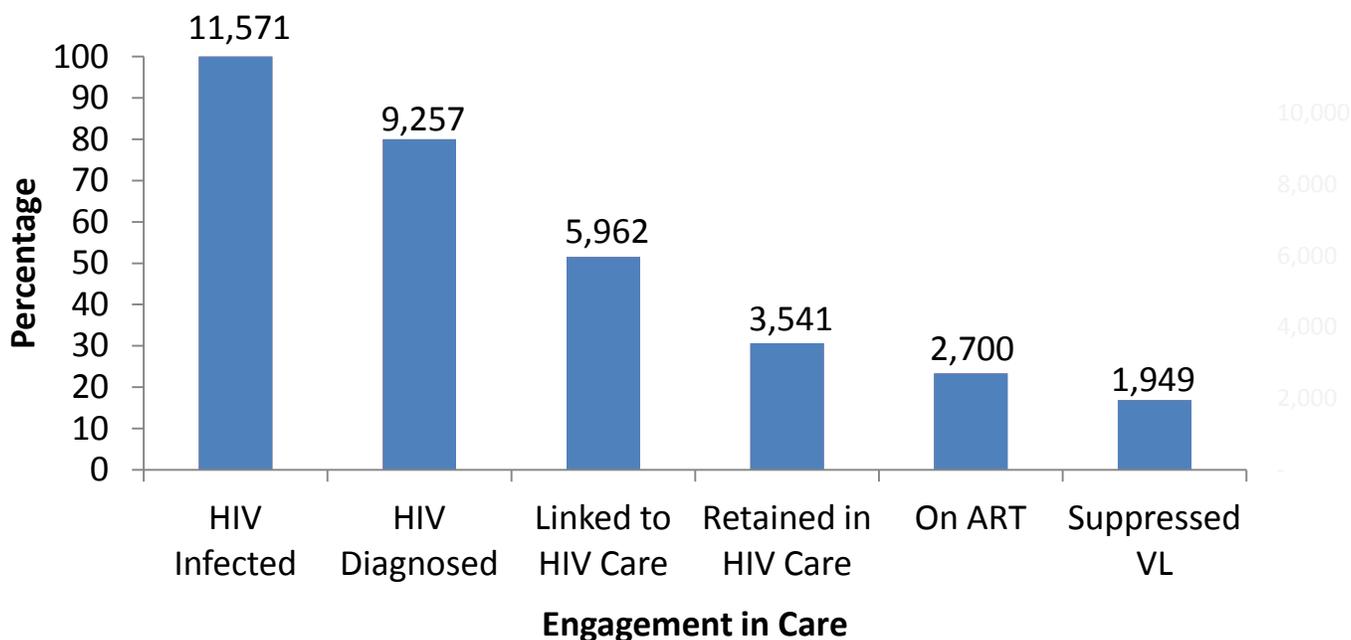
Data reported through December 31, 2011



Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Bureau
Prevention and Health Promotion Administration
Maryland Department of Health and Mental Hygiene
<http://ideha.dhmh.maryland.gov/oideor/chse>
1-800-358-9001



Estimated number and percentage of HIV infected adults engaged in selected stages of the continuum of care, Maryland Portion of the Washington, DC MSA, 2010



Engagement in the Continuum of HIV Care

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. Nationally, it was estimated that among persons living with HIV in the United States, only 19% have achieved viral suppression. The Maryland Engagement in HIV Care Cascade (above) uses the national estimate of the number of undiagnosed persons (20%) 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. In the Maryland portion of the Washington, DC MSA, 64% of HIV diagnosed persons are linked to care. Less than half (38%) of HIV diagnosed persons are retained in care. Fewer still, 29% are on antiretroviral therapy, and 21% have achieved viral suppression.

Gardner et al, “The Spectrum of Engagement in HIV Care and its Relevance to Test-and-Treat Strategies for Prevention of HIV Infection.” *Clin Infect Dis.* 2011; 52 (6): 793-800.

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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://ideha.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 20% 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 2010 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2010-12/31/2010, as reported by name through 12/31/2011.

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 12/31/2010 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2010 as reported by name through 12/31/2011.

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, 2011.

Population data by sex, age, and race are from the 2010 U.S. Census and by country-of-birth from the 2010 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.

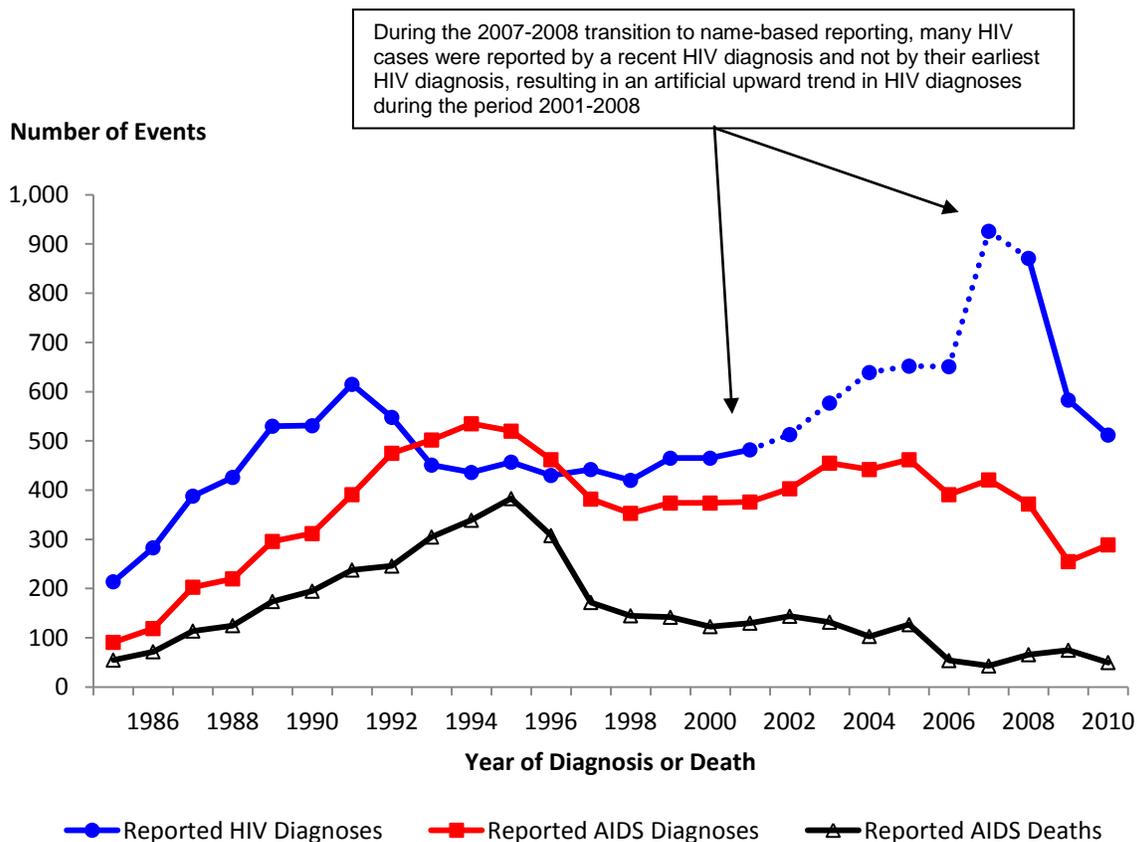
On-line Mapping Tool

Please visit the Maryland Department of Health and Mental Hygiene's website at <http://ideha.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.

Section II – Trends 1985-2010

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2010

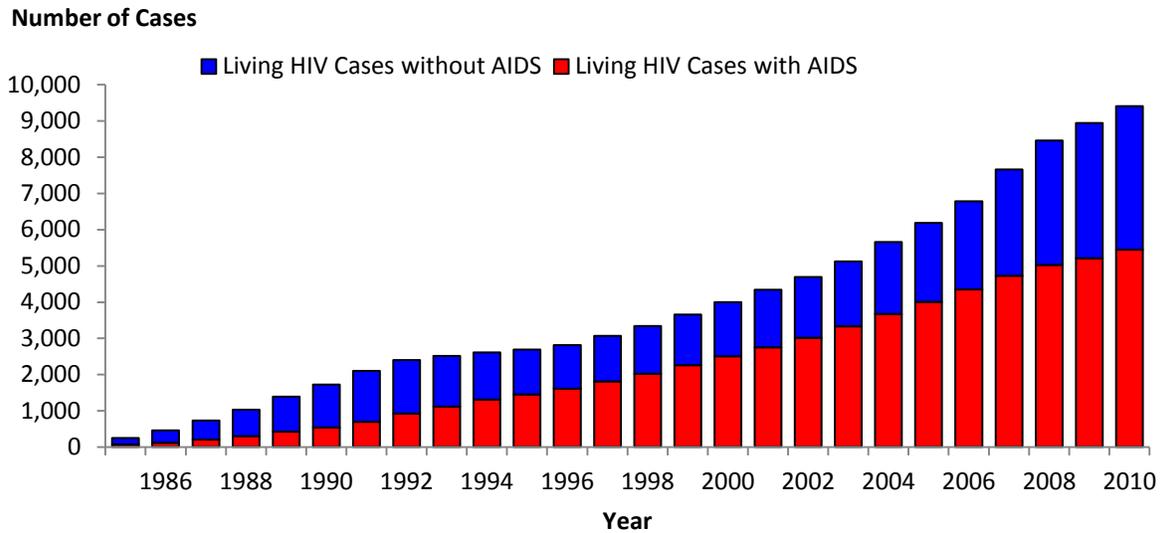
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnosis) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2010 as Reported by Name through 12/31/2011.



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	109	60	29	1998	420	353	145
1985	214	91	55	1999	465	374	142
1986	283	119	72	2000	465	374	123
1987	388	203	114	2001	482	376	130
1988	426	220	125	2002	513	403	144
1989	530	296	174	2003	577	455	132
1990	531	312	195	2004	639	442	103
1991	615	391	238	2005	652	462	127
1992	548	475	246	2006	651	391	54
1993	451	502	305	2007	926	421	43
1994	436	535	339	2008	871	372	66
1995	457	520	383	2009	583	255	75
1996	430	462	308	2010	512	289	50
1997	442	382	172	TOTAL	13,616	9,535	4,089

Figure 2 – Trends in Living HIV Cases, 1985-2010

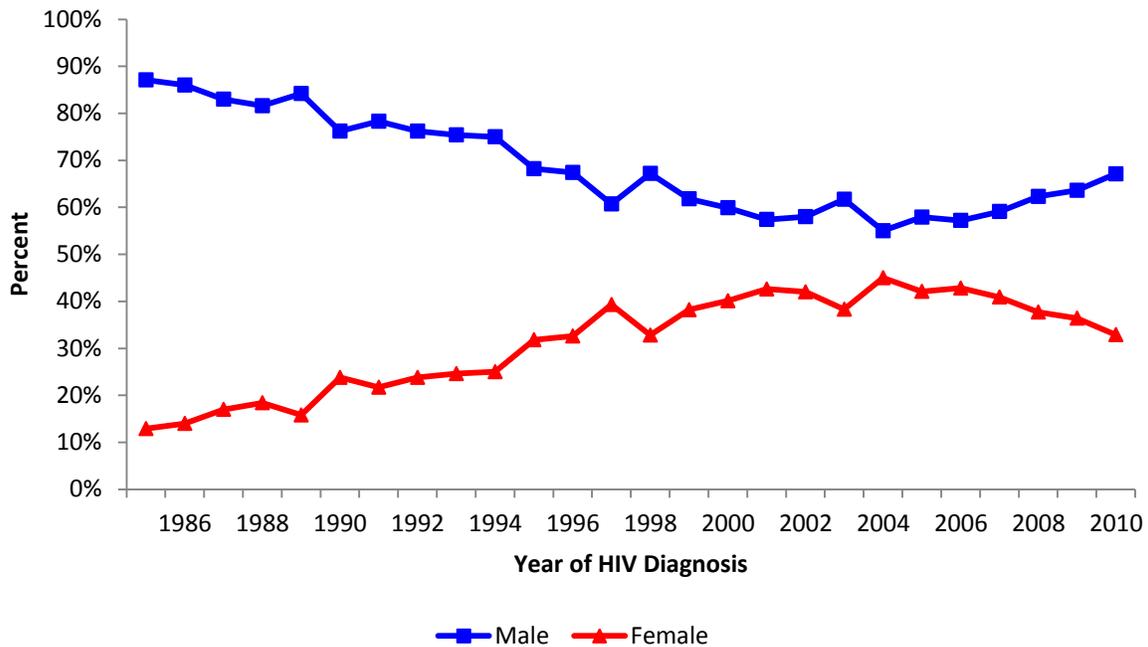
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2010, as Reported by Name through 12/31/2011



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	176	67	243	1998	1,319	2,021	3,340
1986	341	114	455	1999	1,402	2,253	3,655
1987	525	203	728	2000	1,489	2,504	3,993
1988	732	298	1,030	2001	1,586	2,750	4,336
1989	966	420	1,386	2002	1,685	3,009	4,694
1990	1,186	537	1,723	2003	1,791	3,332	5,123
1991	1,412	690	2,102	2004	1,983	3,671	5,654
1992	1,476	919	2,395	2005	2,174	4,006	6,180
1993	1,398	1,116	2,514	2006	2,434	4,343	6,777
1994	1,298	1,312	2,610	2007	2,939	4,721	7,660
1995	1,236	1,449	2,685	2008	3,434	5,027	8,461
1996	1,205	1,603	2,808	2009	3,735	5,207	8,942
1997	1,254	1,813	3,067	2010	3,959	5,446	9,405

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2010

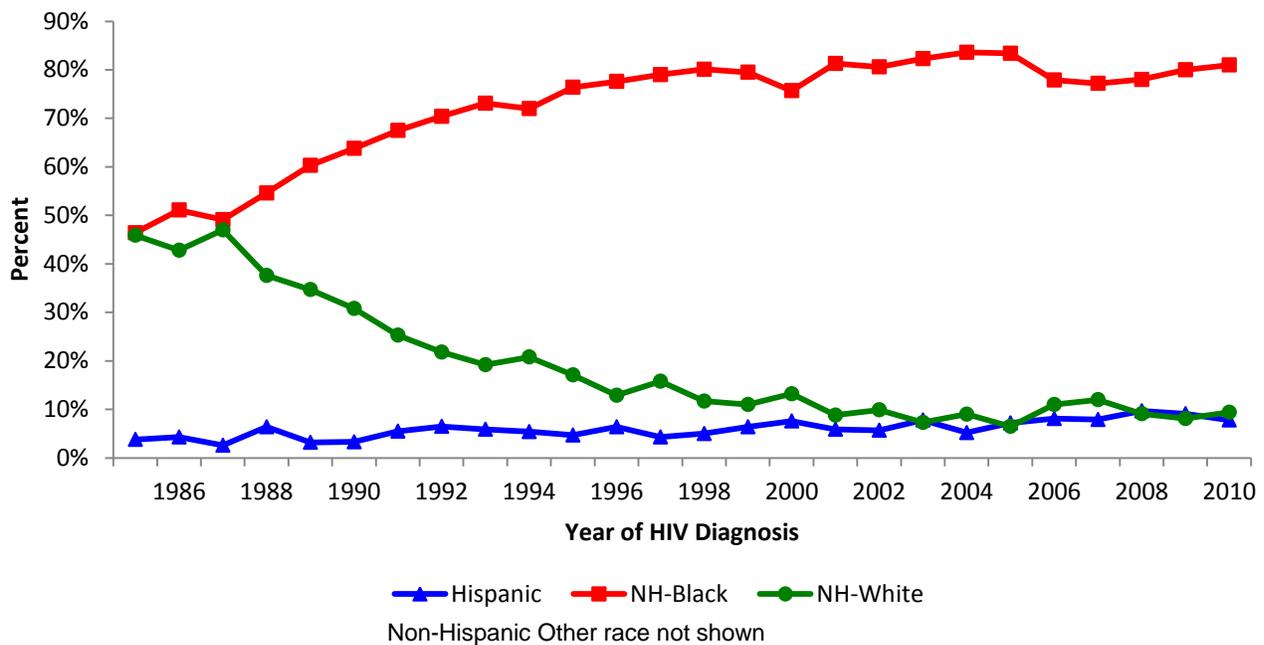
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2011



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	107	91.6%	8.4%	1998	418	67.2%	32.8%
1985	209	87.1%	12.9%	1999	453	61.8%	38.2%
1986	278	86.0%	14.0%	2000	461	59.9%	40.1%
1987	383	83.0%	17.0%	2001	477	57.4%	42.6%
1988	423	81.6%	18.4%	2002	505	58.0%	42.0%
1989	524	84.2%	15.8%	2003	575	61.7%	38.3%
1990	522	76.2%	23.8%	2004	634	55.0%	45.0%
1991	604	78.3%	21.7%	2005	643	57.9%	42.1%
1992	537	76.2%	23.8%	2006	643	57.2%	42.8%
1993	443	75.4%	24.6%	2007	902	59.1%	40.9%
1994	428	75.0%	25.0%	2008	865	62.3%	37.7%
1995	449	68.2%	31.8%	2009	580	63.6%	36.4%
1996	420	67.4%	32.6%	2010	511	67.1%	32.9%
1997	438	60.7%	39.3%	TOTAL	13,432	67.3%	32.7%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2010

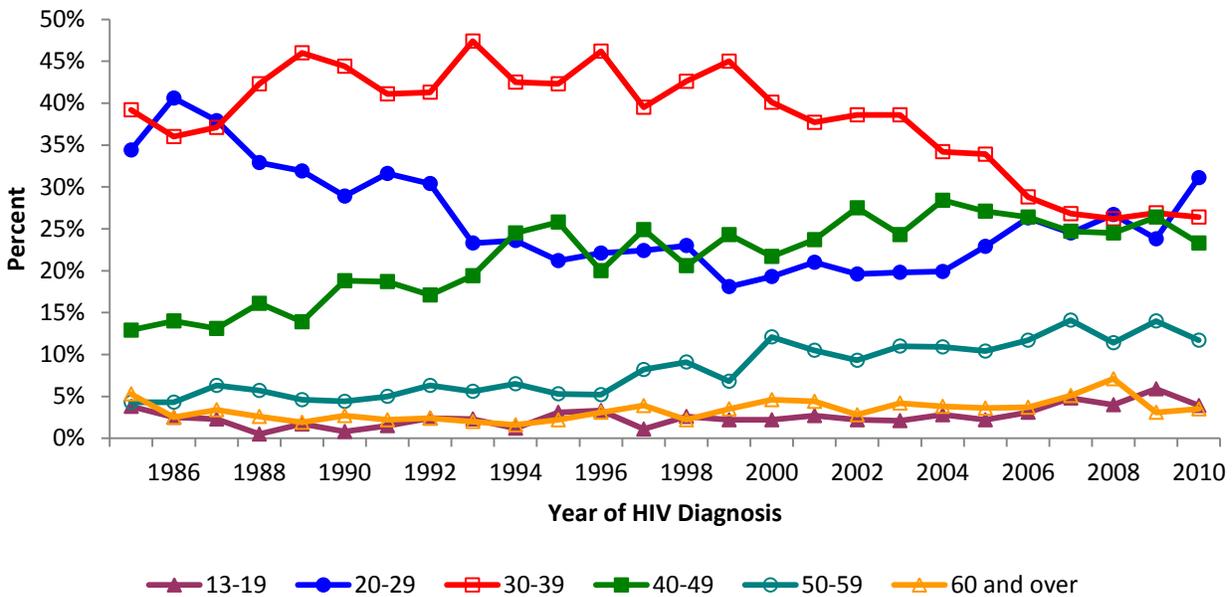
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2011



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	107	1.9%	56.1%	42.1%	0.0%
1985	209	3.8%	46.4%	45.9%	3.8%
1986	278	4.3%	51.1%	42.8%	1.8%
1987	383	2.6%	49.1%	47.0%	1.3%
1988	423	6.4%	54.6%	37.6%	1.4%
1989	524	3.2%	60.3%	34.7%	1.7%
1990	522	3.3%	63.8%	30.8%	2.1%
1991	604	5.5%	67.5%	25.3%	1.7%
1992	537	6.5%	70.4%	21.8%	1.3%
1993	443	5.9%	73.1%	19.2%	1.8%
1994	428	5.4%	72.0%	20.8%	1.9%
1995	449	4.7%	76.4%	17.1%	1.8%
1996	420	6.4%	77.6%	12.9%	3.1%
1997	438	4.3%	79.0%	15.8%	0.9%
1998	418	5.0%	80.1%	11.7%	3.1%
1999	453	6.4%	79.5%	11.0%	3.1%
2000	461	7.6%	75.7%	13.2%	3.5%
2001	477	5.9%	81.3%	8.8%	4.0%
2002	505	5.7%	80.6%	9.9%	3.8%
2003	575	7.8%	82.3%	7.3%	2.6%
2004	634	5.2%	83.6%	9.0%	2.2%
2005	643	7.2%	83.4%	6.5%	3.0%
2006	643	8.1%	77.9%	11.0%	3.0%
2007	902	7.9%	77.2%	12.0%	3.0%
2008	865	9.7%	78.0%	9.1%	3.1%
2009	580	9.1%	80.0%	8.1%	2.8%
2010	511	7.8%	81.0%	9.4%	1.8%
TOTAL	13,432	6.3%	73.9%	17.4%	2.4%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2010

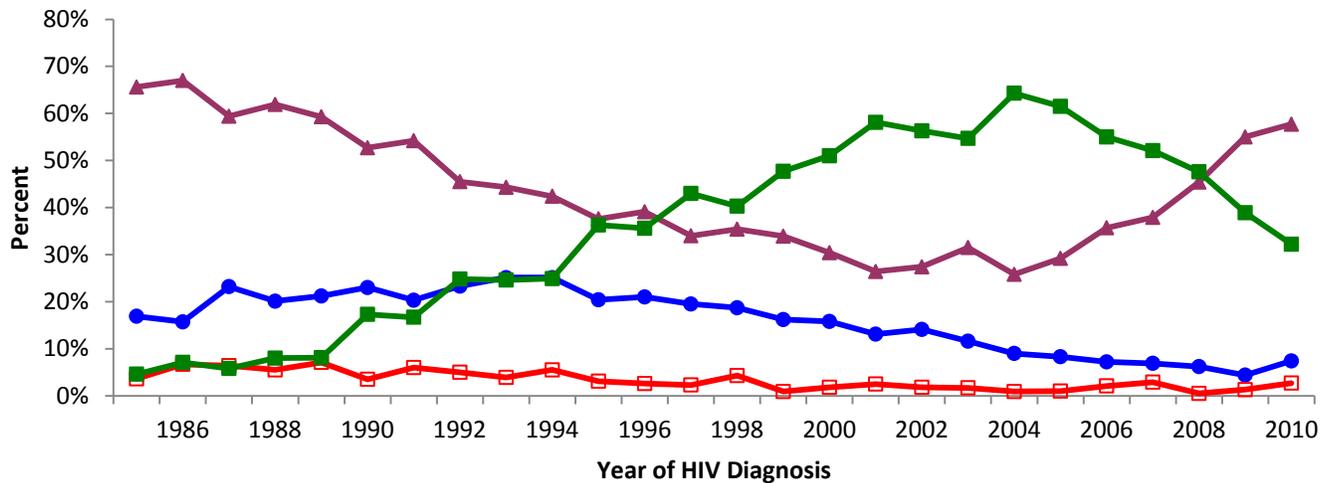
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2011



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	107	7.5%	35.5%	31.8%	18.7%	3.7%	2.8%
1985	209	3.8%	34.4%	39.2%	12.9%	4.3%	5.3%
1986	278	2.5%	40.6%	36.0%	14.0%	4.3%	2.5%
1987	383	2.3%	37.9%	37.1%	13.1%	6.3%	3.4%
1988	423	0.5%	32.9%	42.3%	16.1%	5.7%	2.6%
1989	524	1.7%	31.9%	46.0%	13.9%	4.6%	1.9%
1990	522	0.8%	28.9%	44.4%	18.8%	4.4%	2.7%
1991	604	1.5%	31.6%	41.1%	18.7%	5.0%	2.2%
1992	537	2.4%	30.4%	41.3%	17.1%	6.3%	2.4%
1993	443	2.3%	23.3%	47.4%	19.4%	5.6%	2.0%
1994	428	1.2%	23.6%	42.5%	24.5%	6.5%	1.6%
1995	449	3.1%	21.2%	42.3%	25.8%	5.3%	2.2%
1996	420	3.3%	22.1%	46.2%	20.0%	5.2%	3.1%
1997	438	1.1%	22.4%	39.5%	24.9%	8.2%	3.9%
1998	418	2.6%	23.0%	42.6%	20.6%	9.1%	2.2%
1999	453	2.2%	18.1%	45.0%	24.3%	6.8%	3.5%
2000	461	2.2%	19.3%	40.1%	21.7%	12.1%	4.6%
2001	477	2.7%	21.0%	37.7%	23.7%	10.5%	4.4%
2002	505	2.2%	19.6%	38.6%	27.5%	9.3%	2.8%
2003	575	2.1%	19.8%	38.6%	24.3%	11.0%	4.2%
2004	634	2.8%	19.9%	34.2%	28.4%	10.9%	3.8%
2005	643	2.2%	22.9%	33.9%	27.1%	10.4%	3.6%
2006	643	3.1%	26.3%	28.8%	26.4%	11.7%	3.7%
2007	902	4.8%	24.5%	26.8%	24.7%	14.1%	5.1%
2008	865	4.0%	26.7%	26.2%	24.5%	11.4%	7.1%
2009	580	5.9%	23.8%	26.9%	26.4%	14.0%	3.1%
2010	511	3.9%	31.1%	26.4%	23.3%	11.7%	3.5%
TOTAL	13,432	2.7%	25.6%	37.0%	22.3%	8.8%	3.5%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2010

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 2010, as Reported by Name through 12/31/2011



▲ Men who have Sex with Men (MSM)
 ● Injection Drug Users (IDU)
 ■ MSM/IDU
 ■ Heterosexual Exposure (HET)

Other Exposure category not shown.

YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					% Other Exposure
		No.	% MSM	% IDU	% MSM/IDU	% HET	
<1985	107	98	71.4%	13.3%	5.1%	7.1%	3.1%
1985	209	195	65.6%	16.9%	3.6%	4.6%	9.2%
1986	278	267	67.0%	15.7%	6.7%	7.1%	3.4%
1987	383	362	59.4%	23.2%	6.4%	5.8%	5.2%
1988	423	399	61.9%	20.1%	5.5%	8.0%	4.5%
1989	524	482	59.3%	21.2%	7.1%	8.1%	4.4%
1990	522	486	52.7%	23.0%	3.5%	17.3%	3.5%
1991	604	546	54.2%	20.3%	6.0%	16.7%	2.7%
1992	537	459	45.5%	23.3%	5.0%	24.8%	1.3%
1993	443	386	44.3%	25.1%	3.9%	24.6%	2.1%
1994	428	382	42.4%	25.1%	5.5%	24.9%	2.1%
1995	449	383	37.6%	20.4%	3.1%	36.3%	2.6%
1996	420	343	39.1%	21.0%	2.6%	35.6%	1.7%
1997	438	344	34.0%	19.5%	2.3%	43.0%	1.2%
1998	418	305	35.4%	18.7%	4.3%	40.3%	1.3%
1999	453	333	33.9%	16.2%	0.9%	47.7%	1.2%
2000	461	335	30.4%	15.8%	1.8%	51.0%	0.9%
2001	477	360	26.4%	13.1%	2.5%	58.1%	0.0%
2002	505	398	27.4%	14.1%	1.8%	56.3%	0.5%
2003	575	464	31.5%	11.6%	1.7%	54.7%	0.4%
2004	634	454	25.8%	9.0%	0.9%	64.3%	0.0%
2005	643	421	29.2%	8.3%	1.0%	61.5%	0.0%
2006	643	389	35.7%	7.2%	2.1%	55.0%	0.0%
2007	902	451	37.9%	6.9%	2.9%	52.1%	0.2%
2008	865	370	45.4%	6.2%	0.5%	47.6%	0.3%
2009	580	229	55.0%	4.4%	1.3%	38.9%	0.4%
2010	511	149	57.7%	7.4%	2.7%	32.2%	0.0%
TOTAL	13,432	9,790	43.1%	16.3%	3.4%	35.4%	1.8%

Section III – Adult/Adolescent Cases by Jurisdiction

Table 1 – Adult/Adolescent HIV Cases by Jurisdiction, Diagnoses during 2010

Age 13+ Population Census on 4/1/2010, 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 1/1/2010-12/31/2010 (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 12/31/2011

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		
Calvert	73,193	5	1.0%	6.8	4	80.0%	***	40.0%	0.0%
Charles	119,995	21	4.1%	17.5	14	66.7%	229	52.4%	42.9%
Frederick	191,952	17	3.3%	8.9	14	82.4%	404	76.5%	23.5%
Montgomery	805,472	144	28.2%	17.9	105	72.9%	292	64.6%	31.3%
Prince George's	717,186	324	63.4%	45.2	227	70.1%	300	64.8%	33.3%
TOTAL	1,907,798	511	100.0%	26.8	364	71.2%	294	64.4%	32.5%

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

Table 2 – Adult/Adolescent AIDS Cases by Jurisdiction, Diagnoses during 2010

Age 13+ Population Census on 4/1/2010, 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 1/1/2010-12/31/2010 (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 12/31/2011

JURISDICTION OF RESIDENCE AT AIDS DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
Calvert	73,193	1	0.3%	1.4	***	***
Charles	119,995	12	4.2%	10.0	2.5	75.0%
Frederick	191,952	7	2.4%	3.6	3.0	***
Montgomery	805,472	77	26.9%	9.6	1.9	70.1%
Prince George's	717,186	189	66.1%	26.4	3.1	58.2%
TOTAL	1,907,798	286	100.0%	15.0	2.7	61.9%

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

Table 3 – Adult/Adolescent HIV Cases by Jurisdiction, Alive on 12/31/2010

Age 13+ Population Census on 4/1/2010, 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 12/31/2010 (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 12/31/2011

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)
Calvert	73,193	43	1.1%	58.7	56	1.0%	76.5	99	1.1%	135.3	739
Charles	119,995	139	3.6%	115.8	159	3.0%	132.5	298	3.2%	248.3	402
Frederick	191,952	123	3.2%	64.1	152	2.8%	79.2	275	3.0%	143.3	698
Montgomery	805,472	1,247	32.2%	154.8	1,804	33.5%	224.0	3,051	33.0%	378.8	264
Prince George's	717,186	2,320	59.9%	323.5	3,214	59.7%	448.1	5,534	59.8%	771.6	129
TOTAL	1,907,798	3,872	100.0%	203.0	5,385	100.0%	282.3	9,257	100.0%	485.2	206

Table 4 – CD4 Testing for Adult/Adolescent HIV Cases by Jurisdiction, Alive on 12/31/2010

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 12/31/2010 (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 most Recent CD4 Test Results, by Jurisdiction of Residence at the Latter of HIV or AIDS Diagnosis, as Reported by Name through 12/31/2011

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases								
	No.	Recent CD4 Test Result						350-499	500+
		No. with Test	% with Test	Median Count	<200	200-349			
Calvert	99	49	49.5%	416	16.3%	16.3%	22.4%	44.9%	
Charles	298	129	43.3%	444	17.1%	18.6%	18.6%	45.7%	
Frederick	275	127	46.2%	505	7.9%	15.0%	26.0%	51.2%	
Montgomery	3,051	1,194	39.1%	478	12.8%	18.0%	23.5%	45.6%	
Prince George's	5,534	2,042	36.9%	444	20.1%	17.4%	20.6%	41.9%	
TOTAL	9,257	3,541	38.3%	456	17.1%	17.5%	21.7%	43.7%	

Table 5 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Jurisdiction, Alive on 12/31/2010

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 12/31/2010 (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 12/31/2011

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
Calvert	99	46	46.5%	54.3%	19,370
Charles	298	119	39.9%	54.6%	2,117
Frederick	275	115	41.8%	72.2%	218
Montgomery	3,051	1,184	38.8%	62.8%	910
Prince George's	5,534	1,980	35.8%	52.2%	2,898
TOTAL	9,257	3,444	37.2%	56.6%	2,043

Section IV – Cases by Age

Table 6 – HIV Cases by Age at Diagnosis, Diagnoses during 2010

Population Census on 4/1/2010, Number, Percent of Total, and Rate per 100,000 Population of Reported HIV Cases with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/2010-12/31/2010 (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 12/31/2011

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)	151,584	0	0.0%	0.0	--	--	--	--	--
5-12 (Pediatric)	244,488	1	0.2%	0.4	***	***	***	***	***
13-19	226,495	20	3.9%	8.8	13	65.0%	282	65.0%	25.0%
20-29	308,942	159	31.1%	51.5	109	68.6%	322	60.4%	25.8%
30-39	314,552	135	26.4%	42.9	102	75.6%	325	68.9%	28.1%
40-49	361,832	119	23.2%	32.9	80	67.2%	195	59.7%	41.2%
50-59	323,942	60	11.7%	18.5	46	76.7%	323	73.3%	38.3%
60+	372,035	18	3.5%	4.8	***	***	***	***	***
TOTAL	2,303,870	512	100.0%	22.2	364	71.1%	294	64.3%	32.4%

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

Table 7 – AIDS Cases by Age at Diagnosis, Diagnoses during 2010

Population Census on 4/1/2010, Number, Percent of Total, and Rate per 100,000 Population of Reported HIV Cases with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/2010-12/31/2010 (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 12/31/2011

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	151,584	0	0.0%	0.0	--	--
5-12 (Pediatric)	244,488	0	0.0%	0.0	--	--
13-19	226,495	6	2.1%	2.6	2.9	66.7%
20-29	308,942	62	21.5%	20.1	1.2	66.1%
30-39	314,552	73	25.3%	23.2	2.6	58.9%
40-49	361,832	87	30.1%	24.0	3.5	60.9%
50-59	323,942	43	14.9%	13.3	3.9	62.8%
60+	372,035	18	6.2%	4.8	2.9	50.0%
TOTAL	2,303,870	289	100.0%	12.5	2.8	61.2%

Table 8 – HIV Cases by Current Age, Alive on 12/31/2010

Population Census on 4/1/2010, 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 12/31/2010 (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 12/31/2010, as Reported by Name through 12/31/2011

AGE ON 12/31/2010	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)	151,584	6	0.2%	4.0	0	0.0%	0.0	6	0.1%	4.0	25,264
5-12 (Pediatric)	244,488	42	1.1%	17.2	5	0.1%	2.0	47	0.5%	19.2	5,201
13-19	226,495	71	1.8%	31.3	37	0.7%	16.3	108	1.1%	47.7	2,097
20-29	308,942	652	16.5%	211.0	299	5.5%	96.8	951	10.1%	307.8	324
30-39	314,552	962	24.3%	305.8	991	18.2%	315.1	1,953	20.8%	620.9	161
40-49	361,832	1,212	30.6%	335.0	2,053	37.7%	567.4	3,265	34.7%	902.4	110
50-59	323,942	714	18.0%	220.4	1,475	27.1%	455.3	2,189	23.3%	675.7	148
60+	372,035	300	7.6%	80.6	586	10.8%	157.5	886	9.4%	238.1	419
TOTAL	2,303,870	3,959	100.0%	171.8	5,446	100.0%	236.4	9,405	100.0%	408.2	245

Table 9 – CD4 Testing for Adult/Adolescent HIV Cases by Current Age, Alive on 12/31/2010

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 12/31/2010 (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 12/31/2010, as Reported by Name through 12/31/2011

AGE ON 12/31/2010	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
13-19	51	21	41.2%	363	19.0%	28.6%	19.0%	33.3%
20-29	914	396	43.3%	454	19.9%	14.6%	23.5%	41.9%
30-39	1,952	865	44.3%	453	15.1%	20.1%	23.1%	41.6%
40-49	3,265	1,235	37.8%	455	18.6%	17.0%	20.6%	43.7%
50-59	2,189	758	34.6%	478	15.4%	16.6%	21.2%	46.7%
60+	886	266	30.0%	453	16.2%	17.7%	21.4%	44.7%
TOTAL	9,257	3,541	38.3%	456	17.1%	17.5%	21.7%	43.7%

Table 10 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Current Age, Alive on 12/31/2010

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 12/31/2010 (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 12/31/2010, as Reported by Name through 12/31/2011

AGE ON 12/31/2010	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			Median Detectable
		No. with Test	% with Test	% Undetectable	
13-19	51	17	33.3%	29.4%	50,455
20-29	914	393	43.0%	41.7%	7,070
30-39	1,952	853	43.7%	53.9%	2,980
40-49	3,265	1,206	36.9%	58.1%	1,098
50-59	2,189	722	33.0%	63.9%	762
60+	886	253	28.6%	63.2%	240
TOTAL	9,257	3,444	37.2%	56.6%	2,043

Section V – Adult/Adolescent Cases by Demographics

Table 11 – Adult/Adolescent HIV Cases by Demographics, Diagnoses during 2010

Age 13+ Population Census on 4/1/2010, 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 1/1/2010-12/31/2010 (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 12/31/2011

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	907,927	343	67.1%	37.8	229	66.8%	287	59.8%	31.8%
Female	999,871	168	32.9%	16.8	135	80.4%	301	73.8%	33.9%
TOTAL	1,907,798	511	100.0%	26.8	364	71.2%	294	64.4%	32.5%

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	245,282	40	7.8%	16.3	32	80.0%	117	80.0%	45.0%
Non-Hispanic	1,662,516	471	92.2%	28.3	332	70.5%	302	63.1%	31.4%
American Indian/ Alaska Native, only	4,548	0	0.0%	0.0	--	--	--	--	--
Asian, only	154,861	2	0.4%	1.3	***	***	***	***	***
Black, only	658,293	414	81.0%	62.9	291	70.3%	300	63.8%	31.6%
Native Hawaiian/Other Pacific Islander, only	864	0	0.0%	0.0	--	--	--	--	--
White, only	803,823	48	9.4%	6.0	33	68.8%	282	54.2%	31.3%
Multiracial/Other	40,127	7	1.4%	17.4	***	***	***	***	***
TOTAL	1,907,798	511	100.0%	26.8	364	71.2%	294	64.4%	32.5%

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	1,392,096	379	74.2%	27.2	248	65.4%	303	58.0%	28.5%
Foreign-born	465,929	71	13.9%	15.2	63	88.7%	255	84.5%	57.7%
Africa	--	54	10.6%	--	48	88.9%	274	83.3%	55.6%
Asia	--	0	0.0%	--	--	--	--	--	--
Caribbean	--	4	0.8%	--	***	***	***	***	***
Central America	--	12	2.3%	--	10	83.3%	41	91.7%	58.3%
Other	--	1	0.2%	--	***	***	***	***	***
Unknown	--	61	11.9%	--	53	86.9%	350	80.3%	27.9%
TOTAL	1,858,025	511	100.0%	27.5	364	71.2%	294	64.4%	32.5%

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

Table 12 – Adult/Adolescent AIDS Cases by Demographics, Diagnoses during 2010

Age 13+ Population Census on 4/1/2010, 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 1/1/2010-12/31/2010 (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 12/31/2011

SEX AT BIRTH	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
Male	907,927	164	57.3%	18.1	2.3	68.3%
Female	999,871	122	42.7%	12.2	3.3	53.3%
TOTAL	1,907,798	286	100.0%	15.0	2.7	61.9%

RACE/ETHNICITY	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	245,282	24	8.4%	9.8	1.0	75.0%
Non-Hispanic	1,662,516	262	91.6%	15.8	2.9	60.7%
American Indian/ Alaska Native, only	4,548	0	0.0%	--	--	--
Asian, only	154,861	1	0.3%	0.6	***	***
Black, only	658,293	236	82.5%	35.9	3.0	59.3%
Native Hawaiian/Other Pacific Islander, only	864	0	0.0%	--	--	--
White, only	803,823	15	5.2%	1.9	0.0	100.0%
Multiracial/Other	40,127	10	3.5%	24.9	***	***
TOTAL	1,907,798	286	100.0%	15.0	2.7	61.9%

COUNTRY OF BIRTH	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
United States	1,392,096	212	74.1%	15.2	3.3	54.7%
Foreign-born	465,929	55	19.2%	11.8	1.2	80.0%
Africa	--	40	14.0%	--	1.5	77.5%
Asia	--	0	0.0%	--	--	--
Caribbean	--	4	1.4%	--	***	***
Central America	--	9	3.1%	--	0.4	88.9%
Other	--	2	0.7%	--	***	***
Unknown	--	19	6.6%	--	0.6	89.5%
TOTAL	1,858,025	286	100.0%	15.4	2.7	61.9%

Table 13 – Adult/Adolescent HIV Cases by Demographics, Alive on 12/31/2010

Age 13+ Population Census on 4/1/2010, 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 12/31/2010 (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 12/31/2011

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	907,927	2,294	59.2%	252.7	3,429	63.7%	377.7	5,723	61.8%	630.3	158
Female	999,871	1,578	40.8%	157.8	1,956	36.3%	195.6	3,534	38.2%	353.4	282
TOTAL	1,907,798	3,872	100.0%	203.0	5,385	100.0%	282.3	9,257	100.0%	485.2	206

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	245,282	258	6.7%	105.2	432	8.0%	176.1	690	7.5%	281.3	355
Non-Hispanic	1,662,516	3,614	93.3%	217.4	4,953	92.0%	297.9	8,567	92.5%	515.3	194
American Indian/Alaska Native, only	4,548	***	***	***	***	***	***	***	***	***	***
Asian, only	154,861	37	1.0%	23.9	29	0.5%	18.7	66	0.7%	42.6	2,346
Black, only	658,293	3,008	77.7%	456.9	4,119	76.5%	625.7	7,127	77.0%	1,082.6	92
Native Hawaiian/ Other Pacific Islander, only	864	***	***	***	***	***	***	***	***	***	***
White, only	803,823	498	12.9%	62.0	672	12.5%	83.6	1,170	12.6%	145.6	687
Multiracial/ Other	40,127	61	1.6%	152.0	128	2.4%	319.0	189	2.0%	471.0	212
TOTAL	1,907,798	3,872	100.0%	203.0	5,385	100.0%	282.3	9,257	100.0%	485.2	206

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	1,392,096	3,250	83.9%	233.5	4,312	80.1%	309.7	7,562	81.7%	543.2	184
Foreign-born	465,929	544	14.0%	116.8	1,050	19.5%	225.4	1,594	17.2%	342.1	292
Africa	--	320	8.3%	--	654	12.1%	--	974	10.5%	--	--
Asia	--	23	0.6%	--	28	0.5%	--	51	0.6%	--	--
Caribbean	--	34	0.9%	--	84	1.6%	--	118	7.4%	--	--
Central America	--	70	1.8%	--	169	3.1%	--	239	1.3%	--	--
Other	--	97	2.5%	--	115	2.1%	--	212	2.3%	--	--
Unknown	--	78	2.0%	--	23	0.4%	--	101	1.1%	--	--
TOTAL	1,858,025	3,872	100.0%	208.4	5,385	100.0%	289.8	9,257	100.0%	498.2	200

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

Table 14 – CD4 Testing for Adult/Adolescent HIV Cases by Demographics, Alive on 12/31/2010

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 12/31/2010 (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 12/31/2011

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
Male	5,723	1,998	34.9%	439	17.8%	19.2%	22.7%	40.3%
Female	3,534	1,543	43.7%	488	16.1%	15.4%	20.5%	48.0%
TOTAL	9,257	3,541	38.3%	456	17.1%	17.5%	21.7%	43.7%

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
Hispanic	690	278	40.3%	455	17.6%	20.9%	21.6%	39.9%
Non-Hispanic	8,567	3,263	38.1%	457	17.0%	17.3%	21.8%	44.0%
American Indian/ Alaska Native, only	***	***	***	***	***	***	***	***
Asian, only	66	22	33.3%	445	13.6%	13.6%	36.4%	36.4%
Black, only	7,127	2,786	39.1%	450	17.8%	17.7%	21.3%	43.1%
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***	***	***	***
White, only	1,170	338	28.9%	503	10.9%	13.9%	24.6%	50.6%
Multiracial/Other	189	112	59.3%	476	17.0%	17.0%	21.4%	44.6%
TOTAL	9,257	3,541	38.3%	456	17.1%	17.5%	21.7%	43.7%

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
United States	7,562	2,698	35.7%	452	18.2%	17.3%	21.1%	43.4%
Foreign-born	1,594	772	48.4%	480	12.3%	18.0%	24.4%	45.3%
Africa	974	509	52.3%	477	12.2%	18.9%	23.8%	45.2%
Asia	51	22	43.1%	560	9.1%	13.6%	22.7%	54.5%
Caribbean	118	62	52.5%	539	16.1%	6.5%	25.8%	51.6%
Central America	239	102	42.7%	429	17.6%	26.5%	20.6%	35.3%
Other	212	77	36.3%	513	3.9%	11.7%	32.5%	51.9%
Unknown	101	71	70.3%	407	25.4%	19.7%	18.3%	36.6%
TOTAL	9,257	3,541	38.3%	456	17.1%	17.5%	21.7%	43.7%

*** 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 12/31/2010

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 12/31/2010 (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 12/31/2011

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Undetectable	Median Detectable
Male	5,723	1,928	33.7%	55.8%	2,416
Female	3,534	1,516	42.9%	57.8%	1,617
TOTAL	9,257	3,444	37.2%	56.6%	2,043

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Undetectable	Median Detectable
Hispanic	690	274	39.7%	61.7%	920
Non-Hispanic	8,567	3,170	37.0%	56.2%	2,080
American Indian/ Alaska Native, only	***	***	***	***	***
Asian, only	66	21	31.8%	52.4%	3,718
Black, only	7,127	2,724	38.2%	55.2%	2,322
Native Hawaiian/ Other Pacific Islander, only	***	***	***	***	***
White, only	1,170	317	27.1%	66.6%	163
Multiracial/Other	189	104	55.0%	49.0%	2,387
TOTAL	9,257	3,444	37.2%	56.6%	2,043

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	7,562	2,606	34.5%	54.2%	2,280
Foreign-born	1,594	766	48.1%	67.2%	1,103
Africa	974	506	52.0%	67.4%	1,103
Asia	51	21	41.2%	66.7%	1,671
Caribbean	118	60	50.8%	65.0%	893
Central America	239	98	41.0%	66.3%	6,603
Other	212	81	38.2%	69.1%	882
Unknown	101	72	71.3%	33.3%	7,909
TOTAL	9,257	3,444	37.2%	56.6%	2,043

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

Section VI – HIV Cases by Expanded Demographics, Alive on 12/31/2010

Table 16 – Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2010

Population Census on 4/1/2010, 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 12/31/2010 (Total Living HIV Cases) by Race/Ethnicity and Age on 12/31/2010, as Reported by Name through 12/31/2011

MALES						
AGE ON 12/31/2010		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	38,473	72,472	64,940	26,080	201,965
	Cases	2	27	4	2	35
	Rate	5.2	37.3	6.2	7.7	17.3
	Ratio (1 in X)	19,236	2,684	16,235	13,040	5,770
13-19	Population	17,559	44,895	41,727	12,615	116,796
	Cases	3	42	1	1	47
	Rate	17.1	93.6	2.4	7.9	40.2
	Ratio (1 in X)	5,853	1,068	41,727	12,615	2,485
20-29	Population	34,471	50,688	53,918	16,285	155,362
	Cases	54	541	50	23	668
	Rate	156.7	1,067.3	92.7	141.2	430.0
	Ratio (1 in X)	638	93	1,078	708	232
30-39	Population	33,468	49,542	49,553	17,889	150,452
	Cases	162	675	103	38	978
	Rate	484.0	1,362.5	207.9	212.4	650.0
	Ratio (1 in X)	206	73	481	470	153
40-49	Population	22,763	59,368	71,744	16,883	170,758
	Cases	189	1,451	329	59	2,028
	Rate	830.3	2,444.1	458.6	349.5	1,187.6
	Ratio (1 in X)	120	40	218	286	84
50-59	Population	12,237	47,853	77,991	13,990	152,071
	Cases	90	1,010	311	42	1,453
	Rate	735.5	2,110.6	398.8	300.2	955.5
	Ratio (1 in X)	136	47	250	333	104
60+	Population	7,554	44,397	95,330	15,207	162,488
	Cases	23	414	137	20	594
	Rate	304.5	932.5	143.7	131.5	365.6
	Ratio (1 in X)	328	107	695	760	273
TOTAL MALES BY RACE/ ETHNICITY	Population	166,525	369,215	455,203	118,949	1,109,892
	Cases	523	4,160	935	185	5,803
	Rate	314.1	1,126.7	205.4	155.5	522.8
	Ratio (1 in X)	318	88	486	643	191

Table 17 – Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2010

Population Census on 4/1/2010, 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 12/31/2010 (Total Living HIV Cases) by Race/Ethnicity and Age on 12/31/2010, as Reported by Name through 12/31/2011

FEMALES						
AGE ON 12/31/2010		RACE/ETHNICITY				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic, Other Race	
<13 (Pediatric)	Population	36,446	69,991	62,085	25,585	194,107
	Cases	1	17	0	0	18
	Rate	2.7	24.3	0.0	0.0	9.3
	Ratio (1 in X)	36,446	4,117	--	--	10,783
13-19	Population	16,280	43,133	38,162	12,124	109,699
	Cases	1	56	3	1	61
	Rate	6.1	129.8	7.9	8.2	55.6
	Ratio (1 in X)	16,280	770	12,720	12,124	1,798
20-29	Population	27,723	57,018	51,264	17,575	153,580
	Cases	21	231	24	7	283
	Rate	75.7	405.1	46.8	39.8	184.3
	Ratio (1 in X)	1,320	246	2,136	2,510	542
30-39	Population	28,033	62,849	51,716	21,502	164,100
	Cases	57	845	52	21	975
	Rate	203.3	1,344.5	100.5	97.7	594.1
	Ratio (1 in X)	491	74	994	1,023	168
40-49	Population	21,255	73,981	75,132	20,706	191,074
	Cases	57	1,069	80	31	1,237
	Rate	268.2	1,445.0	106.5	149.7	647.4
	Ratio (1 in X)	372	69	939	667	154
50-59	Population	12,909	61,593	80,303	17,066	171,871
	Cases	23	635	57	21	736
	Rate	178.2	1,031.0	71.0	123.1	428.2
	Ratio (1 in X)	561	97	1,408	812	233
60+	Population	11,030	62,976	116,983	18,558	209,547
	Cases	13	240	31	8	292
	Rate	117.9	381.1	26.5	43.1	139.3
	Ratio (1 in X)	848	262	3,773	2,319	717
TOTAL FEMALES BY RACE/ ETHNICITY	Population	153,676	431,541	475,645	133,116	1,193,978
	Cases	173	3,093	247	89	3,602
	Rate	112.6	716.7	51.9	66.9	301.7
	Ratio (1 in X)	888	139	1,925	1,495	331

Section VII – HIV Exposure Category

Table 18 – Adult/Adolescent HIV Cases by Exposure Category and Sex at Birth, Diagnoses during 2010

Number, Percent of Total with Exposure Category, and Percent of Total with Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/2010-12/31/2010 (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 12/31/2011

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		
Men who have Sex with Men (MSM)	86	57.7%	67.4%	351	55.8%	27.9%
Injection Drug Users (IDU)	11	7.4%	90.9%	51	90.9%	72.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***
Heterosexual Exposure (HET)	48	32.2%	91.7%	309	89.6%	43.8%
Other Exposures	***	***	***	***	***	***
No Reported Exposure	362		68.8%	281	62.2%	30.9%
TOTAL	511		71.2%	294	64.4%	32.5%
With Exposure	149	100.0%	77.2%	322	69.8%	36.2%

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		
Men who have Sex with Men (MSM)	86	75.4%	67.4%	351	55.8%	27.9%
Injection Drug Users (IDU)	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***
Heterosexual Exposure (HET)	15	13.2%	86.7%	132	86.7%	66.7%
Other Exposures	***	***	***	***	***	***
No Reported Exposure	229		64.2%	266	58.1%	29.7%
TOTAL	343		66.8%	287	59.8%	31.8%
With Exposure	114	100.0%	71.9%	317	63.2%	36.0%

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		
Injection Drug Users (IDU)	***	***	***	***	***	***
Heterosexual Exposure (HET)	33	94.3%	93.9%	342	90.9%	33.3%
Other Exposures	***	***	***	***	***	***
No Reported Exposure	133		76.7%	296	69.2%	33.1%
TOTAL	168		80.4%	301	73.8%	33.9%
With Exposure	35	100.0%	94.3%	322	91.4%	37.1%

*** 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 2010

Number, Percent of Total with Exposure Category, and Percent of Total with Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/2010-12/31/2010 (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 12/31/2011

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Years from HIV Diagnosis	% Late HIV Diagnosis
Men who have Sex with Men (MSM)	46	37.4%	2.8	56.5%
Injection Drug Users (IDU)	17	13.8%	3.4	52.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	6	4.9%	9.3	16.7%
Heterosexual Exposure (HET)	54	43.9%	4.7	44.4%
Other Exposures	0	0.0%	--	--
No Reported Exposure	163		1.7	71.8%
TOTAL	286		2.7	61.9%
With Exposure	123	100.0%	4.1	48.8%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Years from HIV Diagnosis	% Late HIV Diagnosis
Men who have Sex with Men (MSM)	46	59.7%	2.8	56.5%
Injection Drug Users (IDU)	10	13.0%	2.8	60.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	6	7.8%	9.3	16.7%
Heterosexual Exposure (HET)	15	19.5%	2.6	66.7%
Other Exposures	0	0.0%	--	--
No Reported Exposure	87		1.4	79.3%
TOTAL	164		2.3	68.3%
With Exposure	77	100.0%	3.3	55.8%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Years from HIV Diagnosis	% Late HIV Diagnosis
Injection Drug Users (IDU)	7	15.2%	4.3	42.9%
Heterosexual Exposure (HET)	39	84.8%	5.5	35.9%
Other Exposures	0	0.0%	--	--
No Reported Exposure	76		2.1	63.2%
TOTAL	122		3.3	53.3%
With Exposure	46	100.0%	5.4	37.0%

Table 20 – Adult/Adolescent HIV Cases by Exposure Category and Sex at Birth, Alive on 12/31/2010

Number, Percent of Total with Exposure Category, and Percent of Total with Exposure Category, 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 12/31/2010 (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 12/31/2011

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
Men who have Sex with Men (MSM)	856	42.7%	1,450	35.4%	2,306	37.8%
Injection Drug Users (IDU)	174	8.7%	602	14.7%	776	12.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	34	1.7%	129	3.1%	163	2.7%
Heterosexual Exposure (HET)	933	46.5%	1,890	46.1%	2,823	46.3%
Other Exposures	10	0.5%	25	0.6%	35	0.6%
No Reported Exposure*	1,865		1,289		3,154	
TOTAL	3,872		5,385		9,257	
With Exposure	2,007	100.0%	4,096	100.0%	6,103	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 with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
Men who have Sex with Men (MSM)	856	65.6%	1,450	53.8%	2,306	57.7%
Injection Drug Users (IDU)	108	8.3%	369	13.7%	477	11.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	34	2.6%	129	4.8%	163	4.1%
Heterosexual Exposure (HET)	304	23.3%	733	27.2%	1,037	25.9%
Other Exposures	3	0.2%	12	0.4%	15	0.4%
No Reported Exposure	989		736		1,725	
TOTAL	2,294		3,429		5,723	
With Exposure	1,305	100.0%	2,693	100.0%	3,998	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 with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
Injection Drug Users (IDU)	66	9.4%	233	16.6%	299	14.2%
Heterosexual Exposure (HET)	629	89.6%	1,157	82.5%	1,786	84.8%
Other Exposures	7	1.0%	13	0.9%	20	1.0%
No Reported Exposure*	876		553		1,429	
TOTAL	1,578		1,956		3,534	
With Exposure	702	100.0%	1,403	100.0%	2,105	100.0%

* Includes 14 HIV cases without AIDS and 27 HIV cases with AIDS with Presumed Female Heterosexual exposure

Table 21 – Adult/Adolescent HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2010

Number, Percent of Total with Exposure Category, and Percent of Total with Exposure Category, 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 12/31/2010 (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 12/31/2011

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
Men who have Sex with Men (MSM)	199	39.5%	1,449	31.9%	567	65.2%
Injection Drug Users (IDU)	38	7.5%	594	13.1%	117	13.5%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	11	2.2%	110	2.4%	34	3.9%
Heterosexual Exposure (HET)	255	50.6%	2,366	52.1%	141	16.2%
Other Exposures	1	0.2%	24	0.5%	10	1.2%
No Reported Exposure*	186		2,584		301	
TOTAL	690		7,127		1,170	
With Exposure	504	100.0%	4,543	100.0%	869	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 with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
Men who have Sex with Men (MSM)	199	52.1%	1,449	52.7%	567	77.5%
Injection Drug Users (IDU)	30	7.9%	362	13.2%	72	9.8%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	11	2.9%	110	4.0%	34	4.6%
Heterosexual Exposure (HET)	141	36.9%	823	29.9%	52	7.1%
Other Exposures	1	0.3%	7	0.3%	7	1.0%
No Reported Exposure	137		1,343		196	
TOTAL	519		4,094		928	
With Exposure	382	100.0%	2,751	100.0%	732	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 with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
Injection Drug Users (IDU)	8	6.6%	232	12.9%	45	32.8%
Heterosexual Exposure (HET)	114	93.4%	1,543	86.1%	89	65.0%
Other Exposures	0	0.0%	17	0.9%	3	2.2%
No Reported Exposure*	49		1,241		105	
TOTAL	171		3,033		242	
With Exposure	122	100.0%	1,792	100.0%	137	100.0%

* Includes 36 non-Hispanic black cases with Presumed Female Heterosexual exposure

Table 22 – CD4 Testing for Adult/Adolescent HIV Cases by Exposure Category, Alive on 12/31/2010

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 12/31/2010 (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 12/31/2011

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)	2,306	781	33.9%	465	14.9%	18.3%	22.7%	44.2%
Injection Drug Users (IDU)	776	220	28.4%	422	20.9%	18.2%	22.3%	38.6%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	163	56	34.4%	363	23.2%	23.2%	23.2%	30.4%
Heterosexual Exposure (HET)	2,823	1,262	44.7%	477	15.6%	16.4%	21.9%	46.0%
Other Exposures	35	8	22.9%	589	0.0%	25.0%	12.5%	62.5%
No Reported Exposure*	3,154	1,214	38.5%	440	19.1%	17.8%	20.8%	42.3%
TOTAL	9,257	3,541	38.3%	456	17.1%	17.5%	21.7%	43.7%
With Exposure	6,103	2,327	38.1%	464	16.0%	17.4%	22.2%	44.4%

* Includes 41 cases with Presumed Female Heterosexual exposure

Table 23 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Exposure Category, Alive on 12/31/2010

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 12/31/2010 (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 12/31/2011

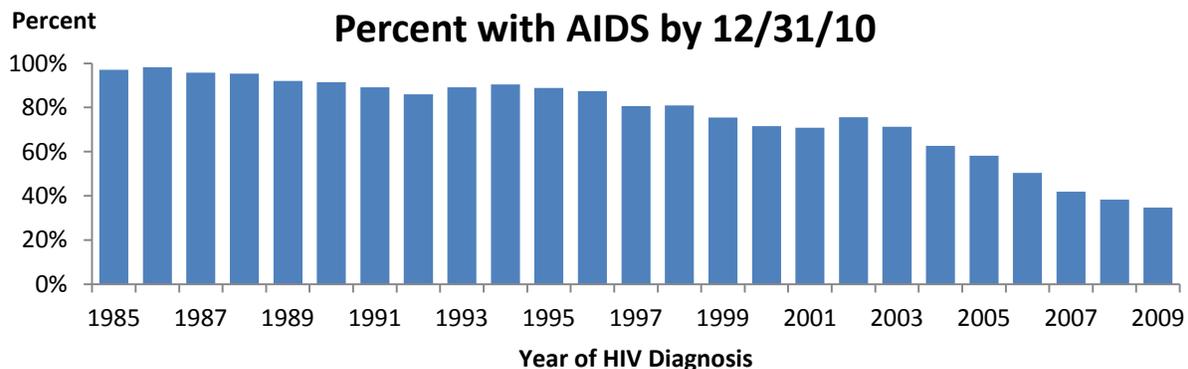
EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Un-detectable	Median Detectable
Men who have Sex with Men (MSM)	2,306	746	32.4%	54.4%	2,363
Injection Drug Users (IDU)	776	211	27.2%	55.5%	607
Men who have Sex with Men and Inject Drugs (MSM/IDU)	163	51	31.3%	49.0%	5,531
Heterosexual Exposure (HET)	2,823	1,237	43.8%	63.4%	1,520
Other Exposures	35	8	22.9%	75.0%	70
No Reported Exposure*	3,154	1,191	37.8%	51.5%	2,656
TOTAL	9,257	3,444	37.2%	56.6%	2,043
With Exposure	6,103	2,253	36.9%	59.4%	1,597

* Includes 41 cases with Presumed Female Heterosexual exposure

Section VIII – Disease Progression and Mortality

Figure 7 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2009

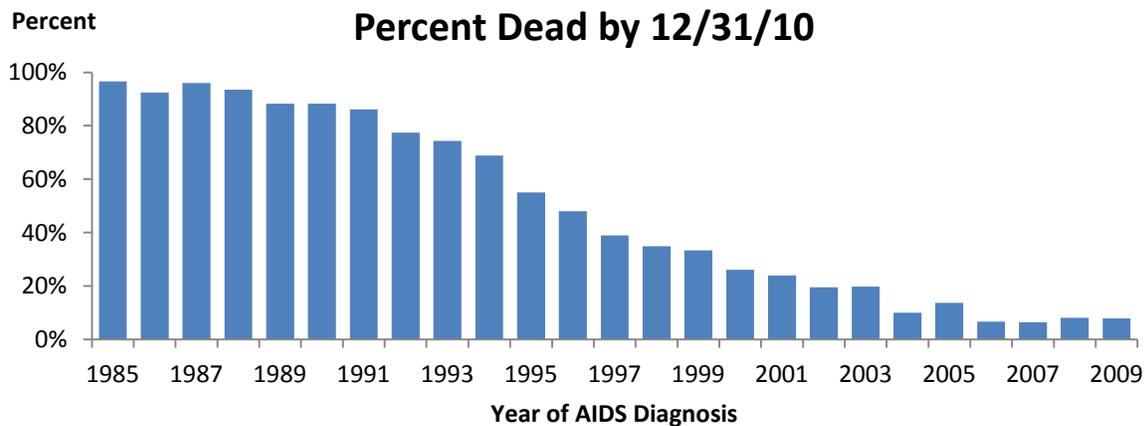
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/09 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2011 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis 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 2009, as Reported by Name through 12/31/2011



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	107	103	96.3%	5.9	50.5%	50.5%	54.2%	66.4%
1985	209	203	97.1%	5.5	44.0%	45.0%	49.8%	76.1%
1986	278	273	98.2%	4.7	42.8%	43.9%	54.0%	86.7%
1987	383	367	95.8%	3.3	51.4%	52.2%	67.1%	88.3%
1988	423	403	95.3%	2.9	50.4%	54.6%	74.7%	89.6%
1989	524	482	92.0%	2.5	51.3%	54.0%	74.8%	87.4%
1990	522	477	91.4%	2.3	51.0%	58.6%	76.6%	87.5%
1991	604	539	89.2%	2.2	52.8%	60.6%	77.5%	84.3%
1992	537	462	86.0%	2.4	51.0%	57.7%	72.8%	80.1%
1993	443	395	89.2%	1.8	61.2%	67.5%	77.7%	84.9%
1994	428	387	90.4%	1.5	67.5%	73.4%	79.7%	87.4%
1995	449	399	88.9%	1.6	65.0%	70.8%	76.8%	86.4%
1996	420	367	87.4%	1.6	63.8%	66.7%	76.4%	84.5%
1997	438	353	80.6%	1.3	61.6%	65.3%	71.5%	79.0%
1998	418	338	80.9%	1.5	60.0%	63.6%	70.8%	78.5%
1999	453	342	75.5%	1.1	60.7%	64.2%	68.7%	74.2%
2000	461	330	71.6%	1.1	56.4%	59.0%	65.3%	70.7%
2001	477	338	70.9%	1.0	55.6%	57.4%	66.2%	--
2002	505	382	75.6%	0.6	64.8%	68.3%	73.7%	--
2003	575	410	71.3%	0.6	61.4%	63.8%	67.7%	--
2004	634	397	62.6%	0.5	55.4%	57.3%	59.9%	--
2005	643	374	58.2%	0.4	51.9%	53.8%	57.2%	--
2006	643	324	50.4%	0.5	43.5%	45.9%	--	--
2007	902	377	41.8%	0.3	37.8%	38.8%	--	--
2008	865	331	38.3%	0.3	34.9%	36.8%	--	--
2009	580	201	34.7%	0.2	32.8%	--	--	--
TOTAL	12,921	9,354	72.4%	1.7	52.0%	55.3%	63.2%	69.7%

Figure 8 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2009

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/09 (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 2009, as Reported by Name through 12/31/2011

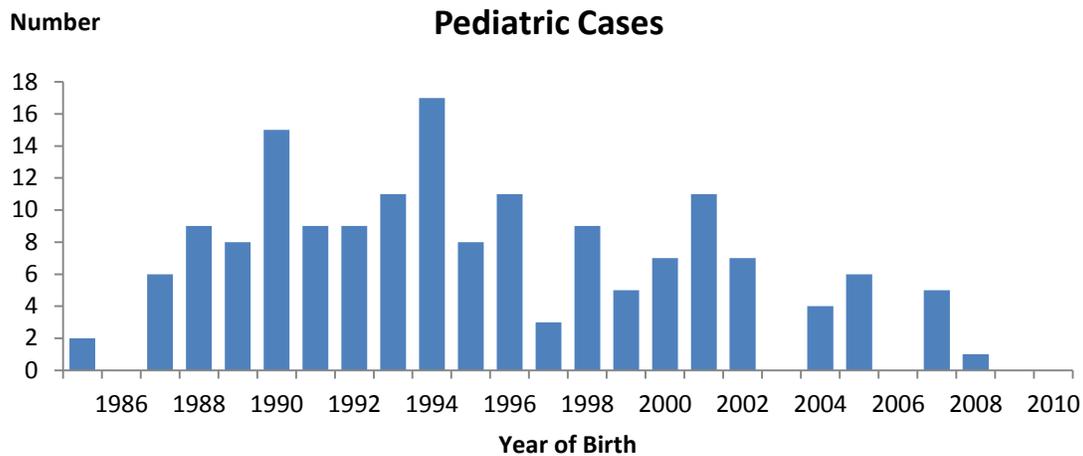


YEAR OF AIDS DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	59	59	100.0%	0.9	32.2%	6.8%	3.4%	0.0%
1985	89	86	96.6%	1.4	41.6%	16.9%	12.4%	4.5%
1986	119	110	92.4%	1.6	52.1%	32.8%	12.6%	9.2%
1987	199	191	96.0%	1.7	52.8%	30.2%	11.1%	6.5%
1988	216	202	93.5%	1.8	61.6%	35.6%	13.4%	7.9%
1989	291	257	88.3%	2.4	68.4%	50.2%	21.6%	14.4%
1990	307	271	88.3%	2.4	65.1%	48.9%	23.1%	15.3%
1991	382	329	86.1%	2.1	67.8%	51.3%	20.4%	15.7%
1992	468	362	77.4%	2.3	74.8%	55.1%	28.8%	24.6%
1993	494	367	74.3%	2.4	73.7%	58.5%	35.6%	28.3%
1994	528	363	68.8%	2.3	75.8%	56.1%	41.7%	33.1%
1995	513	282	55.0%	2.6	75.2%	65.5%	55.9%	47.4%
1996	452	217	48.0%	3.3	81.6%	75.9%	66.6%	54.2%
1997	377	147	39.0%	2.8	83.0%	78.8%	69.2%	62.6%
1998	352	123	34.9%	3.0	86.4%	83.5%	73.9%	67.3%
1999	369	123	33.3%	2.6	85.6%	81.3%	72.6%	67.8%
2000	371	97	26.1%	3.5	92.2%	89.5%	81.4%	74.9%
2001	373	89	23.9%	2.4	88.2%	85.8%	80.2%	--
2002	400	78	19.5%	1.6	88.5%	86.8%	82.5%	--
2003	454	90	19.8%	1.7	88.8%	86.3%	83.0%	--
2004	440	44	10.0%	1.2	93.4%	91.8%	90.7%	--
2005	460	63	13.7%	1.3	91.1%	90.2%	86.5%	--
2006	389	26	6.7%	1.7	96.9%	95.9%	--	--
2007	421	27	6.4%	1.0	96.0%	95.0%	--	--
2008	370	30	8.1%	0.7	94.1%	92.7%	--	--
2009	255	20	7.8%	0.5	93.7%	--	--	--
TOTAL	9,148	4,053	44.3%	2.3	81.4%	72.8%	61.6%	56.9%

Section IX – Pediatric Cases

Figure 9 – Trends in Pediatric HIV Cases, 1985-2010

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 2010, as Reported by Name through 12/31/2011



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	21	2	1	0	--
1985	2	5	2	1	6
1986	0	5	0	0	11
1987	6	5	4	0	16
1988	9	3	3	2	18
1989	8	6	5	2	22
1990	15	9	5	4	27
1991	9	11	8	3	36
1992	9	11	8	2	44
1993	11	8	8	4	48
1994	17	8	6	3	54
1995	8	8	7	6	56
1996	11	10	9	2	64
1997	3	4	5	0	68
1998	9	2	0	2	69
1999	5	12	6	0	80
2000	7	4	3	0	84
2001	11	5	3	1	88
2002	7	8	3	0	96
2003	0	2	1	2	96
2004	4	5	2	2	99
2005	6	9	2	2	106
2006	0	8	2	0	114
2007	5	24	0	0	138
2008	1	6	2	0	144
2009	0	3	0	0	147
2010	0	1	2	1	148
TOTAL	184	184	97	39	--

Table 24 – Pediatric HIV Cases by Jurisdiction, HIV Diagnosis during 2010, Alive on 12/31/2010

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 12/31/2010 (Pediatric Total Living HIV Cases) by Jurisdiction of Residence at the Latter of HIV or AIDS Diagnosis, as Reported by Name through 12/31/2011

JURISDICTION AT DIAGNOSIS	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Calvert	0	0.0%	3	2.0%
Charles	0	0.0%	2	1.4%
Frederick	0	0.0%	5	3.4%
Montgomery	0	0.0%	44	29.7%
Prince George's	1	100.0%	94	63.5%
TOTAL	1	100.0%	148	100.0%

Table 25 – Pediatric HIV Cases by Demographics, HIV Diagnosis during 2010, Alive on 12/31/2010

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 12/31/2010 (Pediatric Total Living HIV Cases) by Sex at Birth and by Race/Ethnicity, as Reported by Name through 12/31/2011

SEX AT BIRTH	Pediatric Total Living HIV Cases	
	No.	% of Total
Male	80	54.1%
Female	68	45.9%
TOTAL	148	100.0%

RACE/ETHNICITY	Pediatric Total Living HIV Cases	
	No.	% of Total
Hispanic	6	4.1%
Non-Hispanic	142	95.9%
American Indian/ Alaska Native, only	0	0.0%
Asian, only	1	0.7%
Black, only	126	85.1%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	12	8.1%
Multiracial/Other	3	2.0%
TOTAL	148	100.0%