

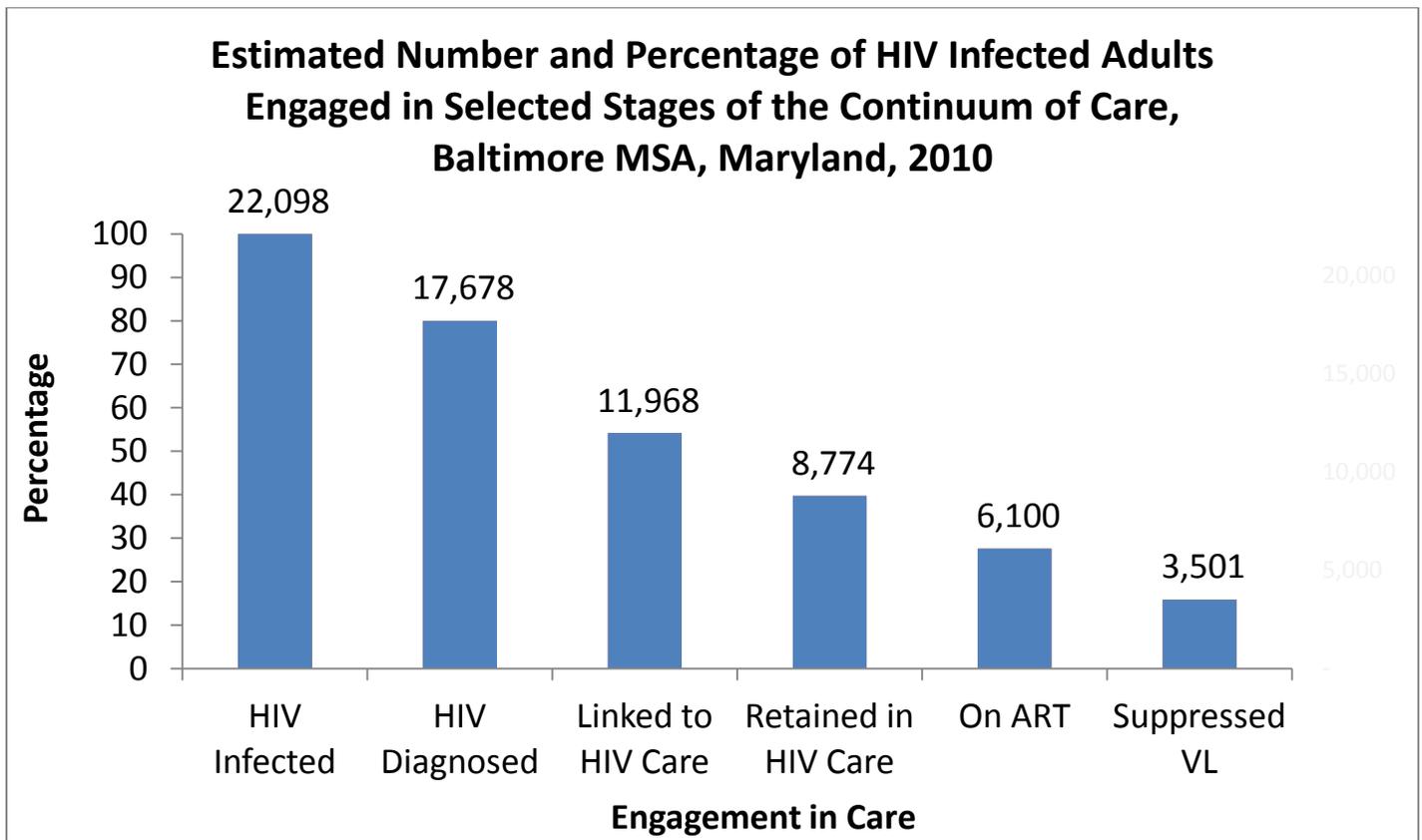
Baltimore-Towson Metropolitan Statistical Area (MSA) HIV/AIDS Epidemiological Profile

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.dhmmh.maryland.gov/oideor/chse>
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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 Baltimore-Towson MSA, 68% of HIV diagnosed persons are linked to care. Half (50%) of HIV diagnosed persons are retained in care. Fewer still, 35% are on antiretroviral therapy, and 20% 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.

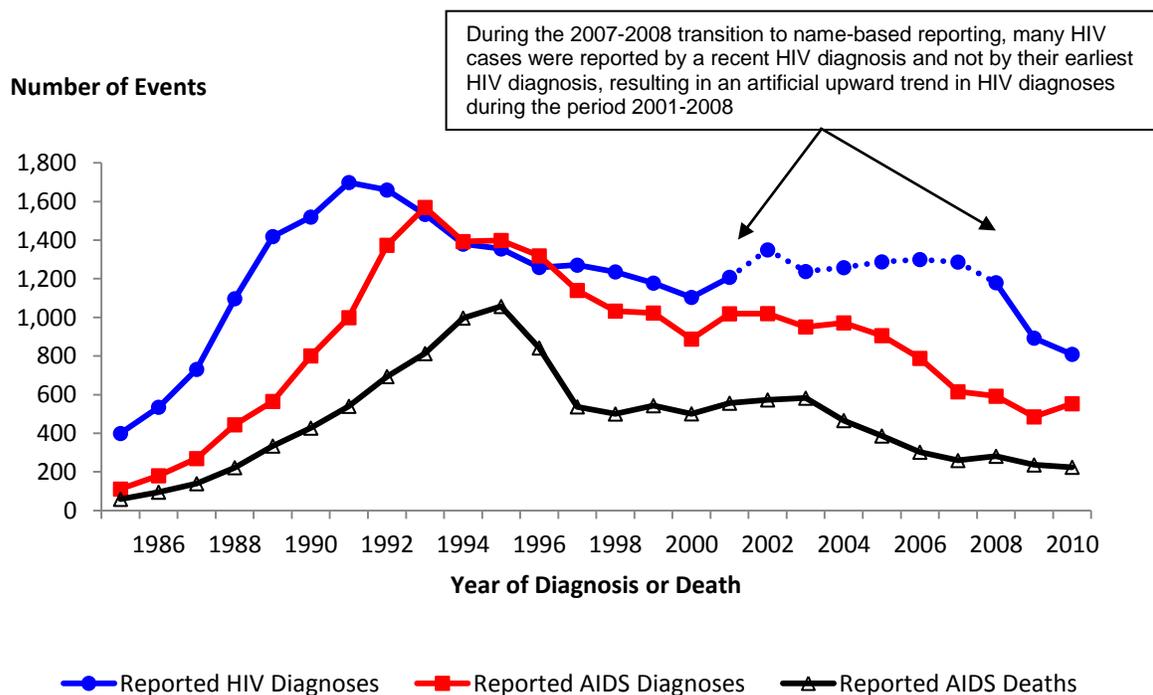
On-line Mapping Tool

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

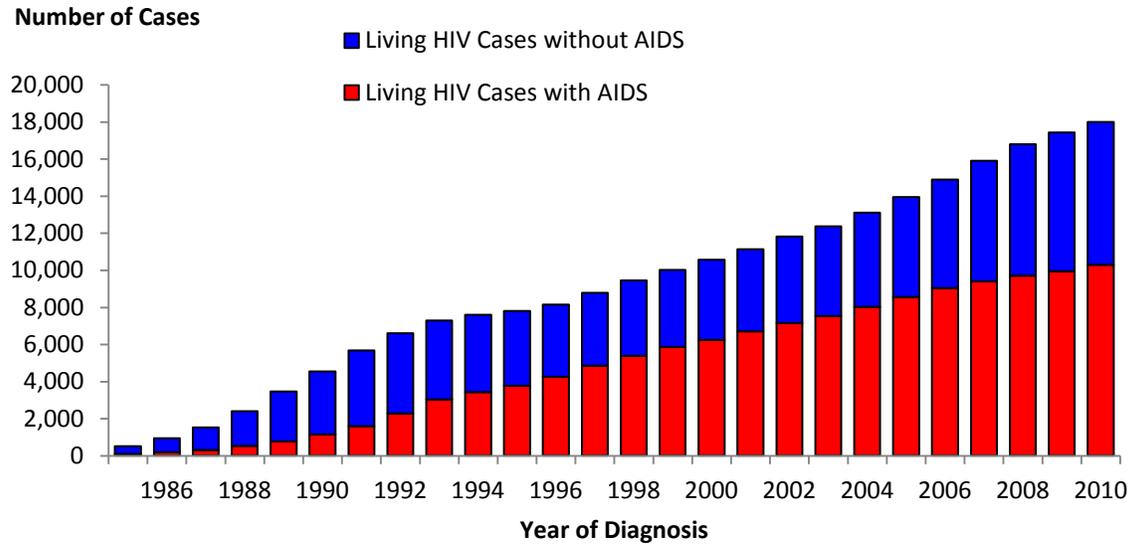
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnosis) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) 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	189	73	34	1998	1,236	1,033	500
1985	399	111	58	1999	1,178	1,023	543
1986	535	180	95	2000	1,104	888	501
1987	731	269	139	2001	1,208	1,019	556
1988	1,097	444	222	2002	1,350	1,020	573
1989	1,419	565	334	2003	1,238	951	582
1990	1,520	801	427	2004	1,258	972	466
1991	1,699	999	540	2005	1,288	906	386
1992	1,660	1,374	694	2006	1,300	788	302
1993	1,534	1,570	813	2007	1,287	615	259
1994	1,380	1,393	997	2008	1,180	592	281
1995	1,355	1,399	1,057	2009	893	485	236
1996	1,259	1,319	842	2010	809	553	224
1997	1,271	1,140	537	TOTAL	31,377	22,482	12,198

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

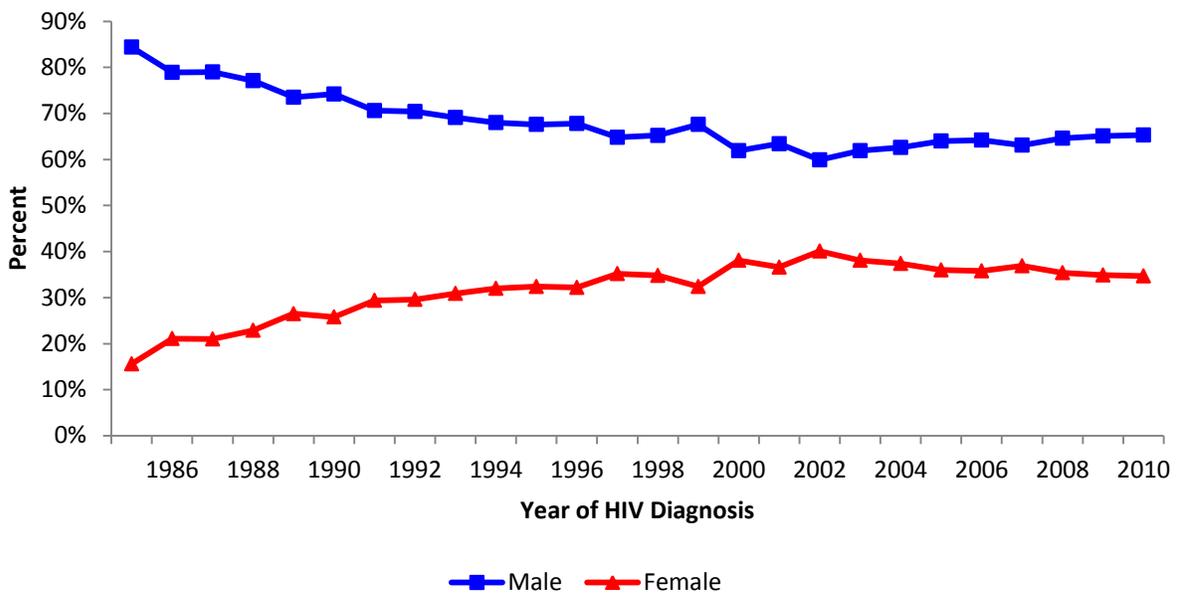
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2010, as Reported by Name through 12/31/2011



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	408	93	501	1998	4,074	5,382	9,456
1986	761	178	939	1999	4,161	5,862	10,023
1987	1,220	308	1,528	2000	4,310	6,249	10,559
1988	1,868	530	2,398	2001	4,417	6,712	11,129
1989	2,701	761	3,462	2002	4,661	7,159	11,820
1990	3,406	1,135	4,541	2003	4,839	7,528	12,367
1991	4,086	1,594	5,680	2004	5,068	8,034	13,102
1992	4,336	2,274	6,610	2005	5,401	8,554	13,955
1993	4,256	3,031	7,287	2006	5,853	9,040	14,893
1994	4,170	3,427	7,597	2007	6,516	9,396	15,912
1995	4,035	3,769	7,804	2008	7,086	9,707	16,793
1996	3,898	4,246	8,144	2009	7,480	9,956	17,436
1997	3,937	4,849	8,786	2010	7,713	10,285	17,998

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

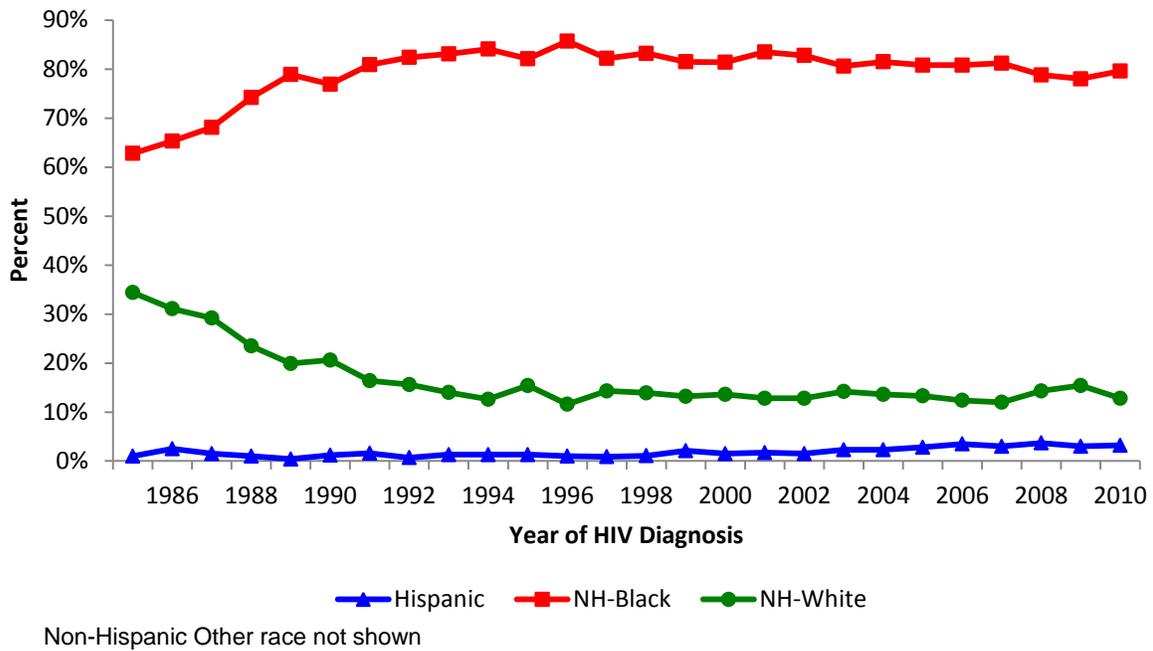
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2011



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	187	85.6%	14.4%	1998	1,220	65.2%	34.8%
1985	392	84.4%	15.6%	1999	1,163	67.6%	32.4%
1986	527	78.9%	21.1%	2000	1,095	61.9%	38.1%
1987	715	79.0%	21.0%	2001	1,199	63.4%	36.6%
1988	1,075	77.1%	22.9%	2002	1,343	59.9%	40.1%
1989	1,391	73.5%	26.5%	2003	1,236	61.9%	38.1%
1990	1,482	74.2%	25.8%	2004	1,254	62.6%	37.4%
1991	1,662	70.6%	29.4%	2005	1,287	64.0%	36.0%
1992	1,616	70.4%	29.6%	2006	1,294	64.2%	35.8%
1993	1,491	69.1%	30.9%	2007	1,252	63.1%	36.9%
1994	1,350	68.0%	32.0%	2008	1,168	64.6%	35.4%
1995	1,335	67.6%	32.4%	2009	888	65.1%	34.9%
1996	1,241	67.8%	32.2%	2010	807	65.3%	34.7%
1997	1,263	64.8%	35.2%	TOTAL	30,933	67.6%	32.4%

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

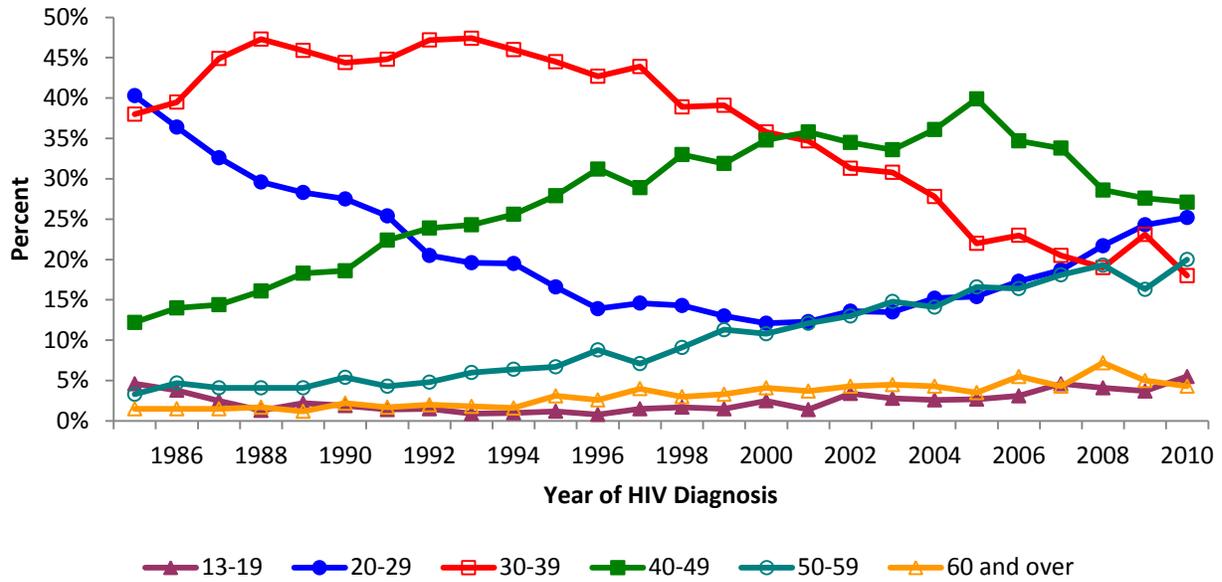
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2011



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	187	2.1%	53.5%	43.3%	1.1%
1985	392	1.0%	62.8%	34.4%	1.8%
1986	527	2.5%	65.3%	31.1%	1.1%
1987	715	1.5%	68.1%	29.2%	1.1%
1988	1,075	1.0%	74.2%	23.5%	1.2%
1989	1,391	0.4%	78.9%	19.9%	0.7%
1990	1,482	1.2%	76.9%	20.6%	1.3%
1991	1,662	1.6%	80.9%	16.4%	1.2%
1992	1,616	0.7%	82.4%	15.6%	1.4%
1993	1,491	1.3%	83.1%	14.0%	1.6%
1994	1,350	1.3%	84.1%	12.6%	2.0%
1995	1,335	1.3%	82.1%	15.4%	1.1%
1996	1,241	1.0%	85.7%	11.6%	1.7%
1997	1,263	0.9%	82.2%	14.3%	2.6%
1998	1,220	1.1%	83.2%	13.9%	1.8%
1999	1,163	2.1%	81.5%	13.2%	3.2%
2000	1,095	1.5%	81.4%	13.6%	3.6%
2001	1,199	1.7%	83.5%	12.8%	2.0%
2002	1,343	1.5%	82.8%	12.8%	2.9%
2003	1,236	2.3%	80.6%	14.2%	2.9%
2004	1,254	2.3%	81.5%	13.6%	2.6%
2005	1,287	2.8%	80.8%	13.3%	3.1%
2006	1,294	3.5%	80.8%	12.4%	3.2%
2007	1,252	3.0%	81.2%	12.0%	3.8%
2008	1,168	3.7%	78.8%	14.3%	3.3%
2009	888	3.0%	78.0%	15.4%	3.5%
2010	807	3.2%	79.6%	12.8%	4.5%
TOTAL	30,933	1.8%	80.2%	15.8%	2.2%

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

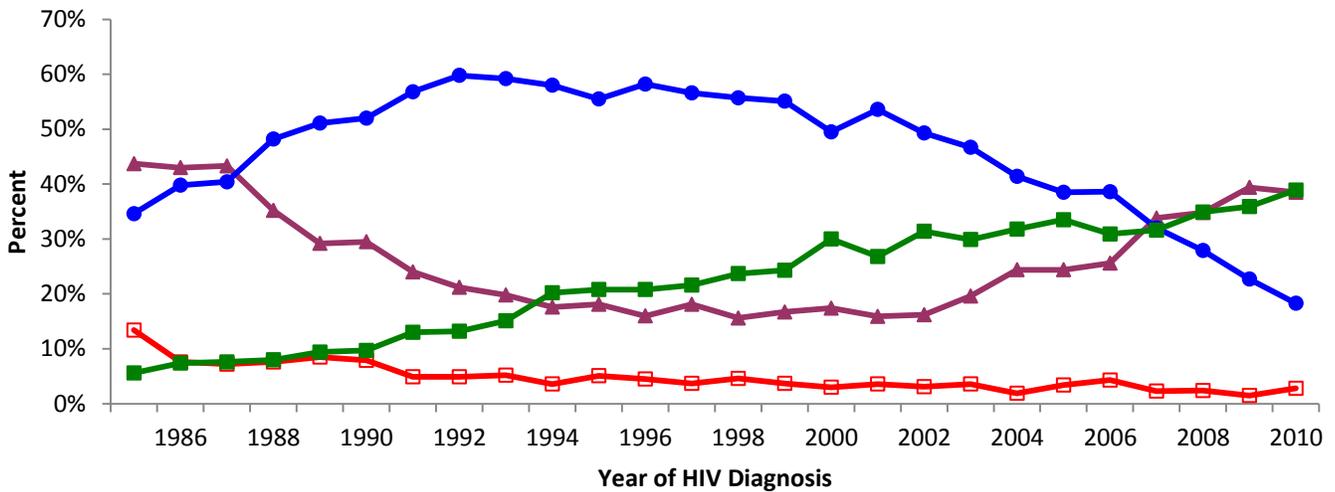
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2011



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	187	4.8%	42.2%	30.5%	15.0%	7.0%	0.5%
1985	392	4.6%	40.3%	38.0%	12.2%	3.3%	1.5%
1986	527	3.8%	36.4%	39.5%	14.0%	4.7%	1.5%
1987	715	2.5%	32.6%	44.9%	14.4%	4.1%	1.5%
1988	1,075	1.3%	29.6%	47.3%	16.1%	4.1%	1.7%
1989	1,391	2.2%	28.3%	45.9%	18.3%	4.1%	1.2%
1990	1,482	1.9%	27.5%	44.4%	18.6%	5.4%	2.2%
1991	1,662	1.4%	25.4%	44.8%	22.4%	4.3%	1.7%
1992	1,616	1.5%	20.5%	47.2%	23.9%	4.8%	2.0%
1993	1,491	0.9%	19.6%	47.4%	24.3%	6.0%	1.8%
1994	1,350	1.0%	19.5%	46.0%	25.6%	6.4%	1.6%
1995	1,335	1.2%	16.6%	44.5%	27.9%	6.7%	3.1%
1996	1,241	0.8%	13.9%	42.7%	31.2%	8.8%	2.6%
1997	1,263	1.5%	14.6%	43.9%	28.9%	7.1%	4.0%
1998	1,220	1.7%	14.3%	38.9%	33.0%	9.1%	3.0%
1999	1,163	1.5%	13.0%	39.1%	31.9%	11.3%	3.3%
2000	1,095	2.5%	12.1%	35.8%	34.8%	10.8%	4.1%
2001	1,199	1.4%	12.3%	34.7%	35.8%	12.1%	3.7%
2002	1,343	3.4%	13.6%	31.3%	34.5%	13.0%	4.3%
2003	1,236	2.8%	13.5%	30.8%	33.6%	14.8%	4.5%
2004	1,254	2.6%	15.2%	27.8%	36.1%	14.1%	4.3%
2005	1,287	2.7%	15.4%	22.0%	39.9%	16.6%	3.5%
2006	1,294	3.1%	17.3%	23.0%	34.7%	16.4%	5.5%
2007	1,252	4.6%	18.7%	20.5%	33.8%	18.1%	4.3%
2008	1,168	4.1%	21.7%	19.0%	28.6%	19.3%	7.2%
2009	888	3.7%	24.3%	23.1%	27.6%	16.3%	5.0%
2010	807	5.5%	25.2%	18.0%	27.1%	20.0%	4.3%
TOTAL	30,933	2.3%	19.9%	36.7%	27.9%	10.0%	3.2%

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	187	184	56.5%	27.7%	7.1%	4.3%	4.3%
1985	392	373	43.7%	34.6%	13.4%	5.6%	2.7%
1986	527	512	43.0%	39.8%	7.6%	7.4%	2.1%
1987	715	695	43.3%	40.4%	7.2%	7.6%	1.4%
1988	1,075	1,041	35.2%	48.2%	7.6%	8.0%	1.1%
1989	1,391	1,347	29.2%	51.1%	8.5%	9.4%	1.9%
1990	1,482	1,417	29.5%	52.0%	7.9%	9.7%	0.9%
1991	1,662	1,586	24.0%	56.8%	4.9%	13.0%	1.3%
1992	1,616	1,530	21.2%	59.8%	4.9%	13.2%	0.8%
1993	1,491	1,435	19.8%	59.2%	5.2%	15.1%	0.7%
1994	1,350	1,280	17.6%	58.0%	3.6%	20.2%	0.6%
1995	1,335	1,272	18.1%	55.5%	5.1%	20.8%	0.5%
1996	1,241	1,167	16.0%	58.2%	4.5%	20.8%	0.4%
1997	1,263	1,163	18.1%	56.6%	3.7%	21.6%	0.1%
1998	1,220	1,122	15.6%	55.7%	4.6%	23.7%	0.4%
1999	1,163	1,049	16.7%	55.1%	3.7%	24.3%	0.2%
2000	1,095	976	17.4%	49.5%	3.0%	30.0%	0.1%
2001	1,199	1,058	15.9%	53.6%	3.6%	26.8%	0.1%
2002	1,343	1,139	16.2%	49.3%	3.1%	31.4%	0.1%
2003	1,236	1,065	19.6%	46.7%	3.6%	29.9%	0.3%
2004	1,254	1,036	24.4%	41.4%	1.9%	31.8%	0.5%
2005	1,287	991	24.4%	38.5%	3.4%	33.5%	0.1%
2006	1,294	902	25.6%	38.6%	4.3%	30.9%	0.6%
2007	1,252	788	33.8%	32.0%	2.3%	31.6%	0.4%
2008	1,168	699	34.8%	27.9%	2.4%	34.9%	0.0%
2009	888	401	39.4%	22.7%	1.5%	35.9%	0.5%
2010	807	252	38.5%	18.3%	2.8%	38.9%	1.6%
TOTAL	30,933	26,480	24.1%	49.5%	4.8%	21.0%	0.7%

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		
Anne Arundel	447,686	63	7.8%	14.1	54	85.7%	330	82.5%	38.1%
Baltimore City	523,467	406	50.3%	77.6	268	66.0%	334	63.5%	25.6%
Baltimore	680,268	291	36.1%	42.8	213	73.2%	354	70.8%	27.1%
Carroll	139,228	6	0.7%	4.3	***	***	***	***	***
Harford	202,760	16	2.0%	7.9	10	62.5%	238	56.3%	31.3%
Howard	235,976	23	2.9%	9.7	16	69.6%	296	69.6%	34.8%
Queen Anne's	39,893	2	0.2%	5.0	***	***	***	***	***
Total	2,269,278	807	100.0%	35.6	566	70.1%	338	67.7%	27.5%

*** 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
Anne Arundel	447,686	45	8.2%	10.1	2.6	57.8%
Baltimore City	523,467	303	55.3%	57.9	4.8	34.7%
Baltimore	680,268	175	31.9%	25.7	3.5	51.4%
Carroll	139,228	1	0.2%	0.7	***	***
Harford	202,760	11	2.0%	5.4	3.9	54.5%
Howard	235,976	11	2.0%	4.7	0.4	81.8%
Queen Anne's	39,893	2	0.4%	5.0	***	***
Total	2,269,278	548	100.0%	24.1	4.1	43.4%

*** 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)
Anne Arundel	447,686	421	5.6%	94.0	623	6.1%	139.2	1,044	5.9%	233.2	428
Baltimore City	523,467	5,618	74.5%	1,073.2	7,446	73.4%	1,422.4	13,064	73.9%	2,495.7	40
Baltimore	680,268	1,098	14.6%	161.4	1,547	15.3%	227.4	2,645	15.0%	388.8	257
Carroll	139,228	59	0.8%	42.4	65	0.6%	46.7	124	0.7%	89.1	1,122
Harford	202,760	144	1.9%	71.0	215	2.1%	106.0	359	2.0%	177.1	564
Howard	235,976	181	2.4%	76.7	216	2.1%	91.5	397	2.2%	168.2	594
Queen Anne's	39,893	15	0.2%	37.6	30	0.3%	75.2	45	0.3%	112.8	886
Total	2,269,278	7,536	100.0%	332.1	10,142	100.0%	446.9	17,678	100.0%	779.0	128

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			
Anne Arundel	1,044	518	49.6%	469	16.0%	18.7%	19.1%	46.1%	
Baltimore City	13,064	6,396	49.0%	445	17.7%	19.3%	20.7%	42.2%	
Baltimore	2,645	1,422	53.8%	456	19.1%	16.7%	20.4%	43.7%	
Carroll	124	46	37.1%	459	8.7%	21.7%	26.1%	43.5%	
Harford	359	181	50.4%	496	16.6%	13.3%	21.0%	49.2%	
Howard	397	185	46.6%	519	14.6%	13.0%	17.8%	54.6%	
Queen Anne's	45	26	57.8%	369	26.9%	19.2%	19.2%	34.6%	
Total	17,678	8,774	49.6%	450	17.7%	18.6%	20.6%	43.1%	

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			Median Detectable
		No. with Test	% with Test	% Un-detectable	
Anne Arundel	1,044	459	44.0%	48.8%	775
Baltimore City	13,064	5,414	41.4%	45.0%	2,340
Baltimore	2,645	1,281	48.4%	47.1%	1,564
Carroll	124	47	37.9%	44.7%	1,384
Harford	359	169	47.1%	62.7%	750
Howard	397	169	42.6%	61.5%	573
Queen Anne's	45	23	51.1%	52.2%	440
TOTAL	17,678	7,562	42.8%	46.3%	2,037

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)	167,899	0	0.0%	0.0	--	--	--	--	--
5-12 (Pediatric)	273,312	2	0.2%	0.7	***	***	***	**	***
13-19	258,956	44	5.4%	17.0	29	65.9%	476	68.2%	6.8%
20-29	380,577	203	25.1%	53.3	150	73.9%	419	71.4%	15.3%
30-39	342,967	145	17.9%	42.3	108	74.5%	267	69.7%	38.6%
40-49	406,294	219	27.1%	53.9	138	63.0%	276	62.1%	27.4%
50-59	386,997	161	19.9%	41.6	115	71.4%	291	68.3%	36.0%
60+	493,487	35	4.3%	7.1	***	***	***	***	***
TOTAL	2,710,489	809	100.0%	29.8	567	70.1%	338	67.6%	27.4%

*** 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)	167,899	0	0.0%	0.0	--	--
5-12 (Pediatric)	273,312	0	0.0%	0.0	--	--
13-19	258,956	5	0.9%	1.9	4.4	60.0%
20-29	380,577	65	11.8%	17.1	2.2	53.8%
30-39	342,967	119	21.5%	34.7	3.3	51.3%
40-49	406,294	182	32.9%	44.8	4.8	35.7%
50-59	386,997	150	27.1%	38.8	4.9	41.3%
60+	493,487	32	5.8%	6.5	5.0	37.5%
TOTAL	2,710,489	553	100.0%	20.4	4.2	43.0%

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)	167,899	23	0.3%	13.7	1	0.0%	0.6	24	0.1%	14.3	6,995
5-12 (Pediatric)	273,312	43	0.6%	15.7	9	0.1%	3.3	52	0.3%	19.0	5,256
13-19	258,956	133	1.7%	51.4	64	0.6%	24.7	197	1.1%	76.1	1,314
20-29	380,577	1,027	13.3%	269.9	459	4.5%	120.6	1,486	8.3%	390.5	256
30-39	342,967	1,275	16.5%	371.8	1,187	11.5%	346.1	2,462	13.7%	717.9	139
40-49	406,294	2,399	31.1%	590.5	3,684	35.8%	906.7	6,083	33.8%	1,497.2	66
50-59	386,997	2,033	26.4%	525.3	3,599	35.0%	930.0	5,632	31.3%	1,455.3	68
60+	493,487	780	10.1%	158.1	1,282	12.5%	259.8	2,062	11.5%	417.8	239
TOTAL	2,710,489	7,713	100.0%	284.6	10,285	100.0%	379.5	17,998	100.0%	664.0	150

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	65	35	53.8%	456	2.9%	25.7%	34.3%	37.1%
20-29	1,376	753	54.7%	469	13.0%	17.1%	26.7%	43.2%
30-39	2,460	1,268	51.5%	456	17.6%	17.8%	20.8%	43.8%
40-49	6,083	3,076	50.6%	435	19.7%	18.7%	19.3%	42.3%
50-59	5,632	2,799	49.7%	452	18.4%	19.0%	19.5%	43.1%
60+	2,062	843	40.9%	466	13.0%	19.3%	22.2%	45.4%
TOTAL	17,678	8,774	49.6%	450	17.7%	18.6%	20.6%	43.1%

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	65	42	64.6%	9.5%	6,135
20-29	1,376	690	50.1%	28.4%	6,780
30-39	2,460	1,106	45.0%	41.2%	3,135
40-49	6,083	2,674	44.0%	45.8%	1,728
50-59	5,632	2,369	42.1%	51.6%	958
60+	2,062	681	33.0%	58.7%	659
TOTAL	17,678	7,562	42.8%	46.3%	2,037

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	1,080,037	527	65.3%	48.8	370	70.2%	327	68.1%	29.4%
Female	1,189,241	280	34.7%	23.5	196	70.0%	371	66.8%	23.9%
TOTAL	2,269,278	807	100.0%	35.6	566	70.1%	338	67.7%	27.5%

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	92,842	26	3.2%	28.0	21	80.8%	159	80.8%	50.0%
Non-Hispanic	2,176,436	781	96.8%	35.9	545	69.8%	341	67.2%	26.8%
American Indian/ Alaska Native, only	5,711	4	0.5%	70.0	***	***	***	***	***
Asian, only	100,817	4	0.5%	4.0	***	***	***	***	***
Black, only	626,564	642	79.6%	102.5	446	69.5%	340	65.4%	26.3%
Native Hawaiian/Other Pacific Islander, only	995	0	0.0%	0.0	--	--	--	--	--
White, only	1,405,022	103	12.8%	7.3	72	69.9%	253	75.7%	32.0%
Multiracial/Other	37,327	28	3.5%	75.0	24	85.7%	454	82.1%	14.3%
TOTAL	2,269,278	807	100.0%	37.1	566	70.1%	338	67.7%	27.5%

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	2,030,583	702	87.0%	34.6	483	68.8%	339	66.2%	26.4%
Foreign-born	235,989	23	2.9%	9.7	20	87.0%	215	82.6%	56.5%
Africa	--	13	1.6%	--	12	92.3%	202	84.6%	61.5%
Asia	--	1	0.1%	--	***	***	***	***	***
Caribbean	--	3	0.4%	--	***	***	***	***	***
Central America	--	4	0.5%	--	***	***	***	***	***
Other	--	2	0.2%	--	***	***	***	***	***
Unknown	--	82	10.2%	--	63	76.8%	365	75.6%	29.3%
TOTAL	2,266,572	807	100.0%	35.6	566	70.1%	338	67.7%	27.5%

*** 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	1,080,037	343	62.6%	31.8	3.8	48.7%
Female	1,189,241	205	37.4%	17.2	4.7	34.6%
TOTAL	2,269,278	548	100.0%	24.1	4.1	43.4%

RACE/ETHNICITY	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	92,842	23	4.2%	24.8	2.6	56.5%
Non-Hispanic	2,176,436	525	95.8%	24.1	4.2	42.9%
American Indian/ Alaska Native, only	5,711	1	0.2%	17.5	***	***
Asian, only	100,817	1	0.2%	1.0	***	***
Black, only	626,564	431	78.6%	68.8	4.3	41.8%
Native Hawaiian/Other Pacific Islander, only	995	0	0.0%	0.0	--	--
White, only	1,405,022	61	11.1%	4.3	2.9	57.4%
Multiracial/Other	37,327	31	5.7%	83.0	5.4	25.8%
TOTAL	2,269,278	548	100.0%	24.1	4.1	43.4%

COUNTRY OF BIRTH	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
United States	2,030,583	500	91.2%	24.6	4.4	40.0%
Foreign-born	235,989	17	3.1%	7.2	1.1	76.5%
Africa	--	11	2.0%	--	0.9	72.7%
Asia	--	2	0.4%	--	***	***
Caribbean	--	1	0.2%	--	***	***
Central America	--	3	0.5%	--	***	***
Other	--	0	0.0%	--	--	--
Unknown	--	31	5.7%	--	0.9	80.6%
TOTAL	2,266,572	548	100.0%	24.2	4.1	43.4%

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

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	1,080,037	4,705	62.4%	435.6	6,520	64.3%	603.7	11,225	63.5%	1,039.3	96
Female	1,189,241	2,831	37.6%	238.1	3,622	35.7%	304.6	6,453	36.5%	542.6	184
TOTAL	2,269,278	7,536	100.0%	332.1	10,142	100.0%	446.9	17,678	100.0%	779.0	128

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	92,842	166	2.2%	178.8	274	2.7%	295.1	440	2.5%	473.9	211
Non-Hispanic	2,176,436	7,370	97.8%	338.6	9,868	97.3%	453.4	17,238	97.5%	792.0	126
American Indian/Alaska Native, only	5,711	***	***	***	***	***	***	***	***	***	***
Asian, only	100,817	27	0.4%	26.8	15	0.1%	14.9	42	0.2%	41.7	2,400
Black, only	626,564	5,947	78.9%	949.1	8,015	79.0%	1,279.2	13,962	79.0%	2,228.3	44
Native Hawaiian/ Other Pacific Islander, only	995	***	***	***	***	***	***	***	***	***	***
White, only	1,405,022	1,237	16.4%	88.0	1,493	14.7%	106.3	2,730	15.4%	194.3	514
Multiracial/Other	37,327	141	1.9%	377.7	334	3.3%	894.8	475	2.7%	1,272.5	78
TOTAL	2,269,278	7,536	100.0%	332.1	10,142	100.0%	446.9	17,678	100.0%	779.0	128

COUNTRY OF BIRTH	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
United States	2,030,583	7,290	96.7%	359.0	9,796	96.6%	482.4	17,086	96.7%	841.4	118
Foreign-born	235,989	113	1.5%	47.9	293	2.9%	124.2	406	2.3%	172.0	581
Africa	--	44	0.6%	--	144	1.4%	--	188	1.1%	--	--
Asia	--	10	0.1%	--	19	0.2%	--	29	0.2%	--	--
Caribbean	--	12	0.2%	--	32	0.3%	--	44	0.2%	--	--
Central America	--	20	0.3%	--	54	0.5%	--	74	0.4%	--	--
Other	--	27	0.4%	--	44	0.4%	--	71	0.4%	--	--
Unknown	--	133	1.8%	--	53	0.5%	--	186	1.1%	--	--
TOTAL	2,266,572	7,536	100.0%	332.5	10,142	100.0%	447.5	17,678	100.0%	779.9	128

*** 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	11,225	5,286	47.1%	432	18.2%	19.8%	22.1%	39.9%
Female	6,453	3,488	54.1%	482	17.0%	16.8%	18.3%	47.9%
TOTAL	17,678	8,774	49.6%	450	17.7%	18.6%	20.6%	43.1%

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	440	232	52.7%	440	19.4%	19.4%	19.8%	41.4%
Non-Hispanic	17,238	8,542	49.6%	451	17.7%	18.6%	20.6%	43.2%
American Indian/ Alaska Native, only	***	***	***	***	***	***	***	***
Asian, only	42	21	50.0%	441	9.5%	9.5%	33.3%	47.6%
Black, only	13,962	6,961	49.9%	444	18.1%	18.9%	20.8%	42.1%
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***	***	***	***
White, only	2,730	1,206	44.2%	512	13.7%	15.8%	18.9%	51.7%
Multiracial/Other	475	347	73.1%	375	22.8%	23.3%	20.7%	33.1%
TOTAL	17,678	8,774	49.6%	450	17.7%	18.6%	20.6%	43.1%

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	17,086	8,438	49.4%	451	17.7%	18.7%	20.3%	43.3%
Foreign-born	406	209	51.5%	462	12.9%	18.7%	25.8%	42.6%
Africa	188	111	59.0%	477	17.1%	16.2%	24.3%	42.3%
Asia	29	13	44.8%	381	15.4%	23.1%	38.5%	23.1%
Caribbean	44	21	47.7%	458	4.8%	14.3%	47.6%	33.3%
Central America	74	41	55.4%	506	9.8%	26.8%	12.2%	51.2%
Other	71	23	32.4%	494	4.3%	17.4%	30.4%	47.8%
Unknown	186	127	68.3%	408	26.0%	15.7%	26.0%	32.3%
TOTAL	17,678	8,774	49.6%	450	17.7%	18.6%	20.6%	43.1%

*** 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	11,225	4,557	40.6%	48.0%	1,993
Female	6,453	3,005	46.6%	43.9%	2,152
TOTAL	17,678	7,562	42.8%	46.3%	2,037

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Undetectable	Median Detectable
Hispanic	440	189	43.0%	49.7%	710
Non-Hispanic	17,238	7,373	42.8%	46.2%	2,101
American Indian/ Alaska Native, only	***	***	***	***	***
Asian, only	42	19	45.2%	57.9%	14,972
Black, only	13,962	5,942	42.6%	44.3%	2,420
Native Hawaiian/ Other Pacific Islander, only	***	***	***	***	***
White, only	2,730	1,113	40.8%	57.5%	795
Multiracial/Other	475	292	61.5%	43.2%	873
TOTAL	17,678	7,562	42.8%	46.3%	2,037

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	17,086	7,256	42.5%	46.4%	2,097
Foreign-born	406	190	46.8%	57.9%	405
Africa	188	94	50.0%	64.9%	1,475
Asia	29	13	44.8%	38.5%	5,742
Caribbean	44	19	43.2%	57.9%	16,916
Central America	74	39	52.7%	59.0%	121
Other	71	25	35.2%	40.0%	283
Unknown	186	116	62.4%	23.3%	3,423
TOTAL	17,678	7,562	42.8%	46.3%	2,037

*** 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	15,745	72,645	113,475	23,058	224,923
	Cases	0	32	2	1	35
	Rate	0.0	44.0	1.8	4.3	15.6
	Ratio (1 in X)	--	2,270	56,737	23,058	6,426
13-19	Population	7,004	42,984	71,657	10,312	131,957
	Cases	1	85	10	3	99
	Rate	14.3	197.7	14.0	29.1	75.0
	Ratio (1 in X)	7,004	505	7,165	3,437	1,332
20-29	Population	14,816	52,953	105,816	14,434	188,019
	Cases	32	827	100	28	987
	Rate	216.0	1,561.8	94.5	194.0	524.9
	Ratio (1 in X)	463	64	1,058	515	190
30-39	Population	12,955	45,052	92,597	14,482	165,086
	Cases	83	915	239	52	1,289
	Rate	640.7	2,031.0	258.1	359.1	780.8
	Ratio (1 in X)	156	49	387	278	128
40-49	Population	8,028	52,443	123,061	11,995	195,527
	Cases	104	2,648	757	117	3,626
	Rate	1,295.5	5,049.3	615.1	975.4	1,854.5
	Ratio (1 in X)	77	19	162	102	53
50-59	Population	4,099	45,001	127,023	8,913	185,036
	Cases	81	2,979	654	94	3,808
	Rate	1,976.1	6,619.9	514.9	1,054.6	2,058.0
	Ratio (1 in X)	50	15	194	94	48
60+	Population	2,833	43,411	159,683	8,485	214,412
	Cases	29	1,138	314	42	1,523
	Rate	1,023.6	2,621.5	196.6	495.0	710.3
	Ratio (1 in X)	97	38	508	202	140
TOTAL MALES BY RACE/ ETHNICITY	Population	65,480	354,489	793,312	91,679	1,304,960
	Cases	330	8,624	2,076	337	11,367
	Rate	504.0	2,432.8	261.7	367.6	871.1
	Ratio (1 in X)	198	41	382	272	114

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	15,167	70,432	107,702	22,987	216,288
	Cases	0	39	1	1	41
	Rate	0.0	55.4	0.9	4.4	19.0
	Ratio (1 in X)	-	1,805	107,702	22,987	5,275
13-19	Population	6,145	42,818	68,066	9,970	126,999
	Cases	1	90	4	3	98
	Rate	16.3	210.2	5.9	30.1	77.2
	Ratio (1 in X)	6,145	475	17,016	3,323	1,295
20-29	Population	11,679	60,657	104,352	15,870	192,558
	Cases	13	422	45	19	499
	Rate	111.3	695.7	43.1	119.7	259.1
	Ratio (1 in X)	898	143	2,318	835	385
30-39	Population	10,770	55,429	95,030	16,652	177,881
	Cases	28	942	153	50	1,173
	Rate	260.0	1,699.5	161.0	300.3	659.4
	Ratio (1 in X)	384	58	621	333	151
40-49	Population	6,996	62,924	127,350	13,497	210,767
	Cases	40	2,077	256	84	2,457
	Rate	571.8	3,300.8	201.0	622.4	1,165.7
	Ratio (1 in X)	174	30	497	160	85
50-59	Population	4,050	56,569	131,427	9,915	201,961
	Cases	22	1,591	158	53	1,824
	Rate	543.2	2,812.5	120.2	534.5	903.1
	Ratio (1 in X)	184	35	831	187	110
60+	Population	3,467	66,323	198,960	10,325	279,075
	Cases	8	465	58	8	539
	Rate	230.7	701.1	29.2	77.5	193.1
	Ratio (1 in X)	433	142	3,430	1,290	517
TOTAL FEMALES BY RACE/ETHNICITY	Population	58,274	415,152	832,887	99,216	1,405,529
	Cases	112	5,626	675	218	6,631
	Rate	192.2	1,355.2	81.0	219.7	471.8
	Ratio (1 in X)	520	73	1,233	455	212

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)	97	38.5%	90.7%	343	86.6%	34.0%
Injection Drug Users (IDU)	46	18.3%	87.0%	287	73.9%	39.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	7	2.8%	100.0%	330	100.0%	57.1%
Heterosexual Exposure (HET)	98	38.9%	82.7%	344	77.6%	36.7%
Other Exposures	4	1.6%	***	***	***	***
No Reported Exposure*	555		***	***	***	***
TOTAL	807		70.1%	338	67.7%	27.5%
With Exposure	252	100.0%	***	***	***	***

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)	97	60.2%	90.7%	343	86.6%	34.0%
Injection Drug Users (IDU)	29	18.0%	89.7%	249	75.9%	44.8%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	7	4.3%	100.0%	330	100.0%	57.1%
Heterosexual Exposure (HET)	25	15.5%	80.0%	334	84.0%	44.0%
Other Exposures	3	1.9%	***	***	***	***
No Reported Exposure	366		***	***	***	***
TOTAL	527		70.2%	327	68.1%	29.4%
With Exposure	161	100.0%	***	***	***	***

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)	17	18.7%	82.4%	380	70.6%	29.4%
Heterosexual Exposure (HET)	73	80.2%	83.6%	346	75.3%	34.2%
Other Exposures	1	1.1%	***	***	***	***
No Reported Exposure*	189		***	***	***	***
TOTAL	280		70.0%	371	66.8%	23.9%
With Exposure	91	100.0%	***	***	***	***

* Includes 2 cases with Presumed Female Heterosexual exposure

*** 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)	79	23.6%	4.5	48.1%
Injection Drug Users (IDU)	134	40.0%	7.1	14.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	11	3.3%	5.1	27.3%
Heterosexual Exposure (HET)	111	33.1%	4.2	32.4%
Other Exposures	0	0.0%	--	--
No Reported Exposure*	213		2.0	66.2%
TOTAL	548		4.1	43.4%
With Exposure	335	100.0%	5.5	29.0%

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)	79	39.1%	4.5	48.1%
Injection Drug Users (IDU)	77	38.1%	6.4	16.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	11	5.4%	5.1	27.3%
Heterosexual Exposure (HET)	35	17.3%	4.3	31.4%
Other Exposures	0	0.0%	--	--
No Reported Exposure	141		1.7	72.3%
TOTAL	343		3.8	48.7%
With Exposure	202	100.0%	5.2	32.2%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Years from HIV Diagnosis	% Late HIV Diagnosis
Injection Drug Users (IDU)	57	42.9%	8.1	12.3%
Heterosexual Exposure (HET)	76	57.1%	4.2	32.9%
Other Exposures	0	0.0%	--	--
No Reported Exposure*	72		2.5	54.2%
TOTAL	205		4.7	34.6%
With Exposure	133	100.0%	5.9	24.1%

* Includes 3 cases with Presumed Female Heterosexual exposure

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)	1,449	29.1%	2,059	22.9%	3,508	25.1%
Injection Drug Users (IDU)	1,898	38.1%	4,020	44.7%	5,918	42.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	178	3.6%	397	4.4%	575	4.1%
Heterosexual Exposure (HET)	1,437	28.9%	2,485	27.6%	3,922	28.1%
Other Exposures	15	0.3%	41	0.5%	56	0.4%
No Reported Exposure*	2,559		1,140		3,699	
TOTAL	7,536		10,142		17,678	
With Exposure	4,977	100.0%	9,002	100.0%	13,979	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)	1,449	45.2%	2,059	35.3%	3,508	38.8%
Injection Drug Users (IDU)	1,169	36.4%	2,465	42.2%	3,634	40.2%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	178	5.5%	397	6.8%	575	6.4%
Heterosexual Exposure (HET)	401	12.5%	891	15.3%	1,292	14.3%
Other Exposures	11	0.3%	23	0.4%	34	0.4%
No Reported Exposure	1,497		685		2,182	
TOTAL	4,705		6,520		11,225	
With Exposure	3,208	100.0%	5,835	100.0%	9,043	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)	729	41.2%	1,555	49.1%	2,284	46.3%
Heterosexual Exposure (HET)	1,036	58.6%	1,594	50.3%	2,630	53.3%
Other Exposures	4	0.2%	18	0.6%	22	0.4%
No Reported Exposure*	1,062		455		1,517	
TOTAL	2,831		3,622		6,453	
With Exposure	1,769	100.0%	3,167	100.0%	4,936	100.0%

* Includes 25 HIV cases without AIDS and 31 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)	113	34.5%	2,147	19.5%	1,129	51.1%
Injection Drug Users (IDU)	78	23.8%	5,061	46.1%	598	27.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	13	4.0%	453	4.1%	83	3.8%
Heterosexual Exposure (HET)	123	37.5%	3,296	30.0%	377	17.1%
Other Exposures	1	0.3%	32	0.3%	22	1.0%
No Reported Exposure*	112		2,973		521	
TOTAL	440		13,962		2,730	
With Exposure	328	100.0%	10,989	100.0%	2,209	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)	113	45.2%	2,147	31.4%	1,129	67.1%
Injection Drug Users (IDU)	58	23.2%	3,185	46.6%	303	18.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	13	5.2%	453	6.6%	83	4.9%
Heterosexual Exposure (HET)	66	26.4%	1,032	15.1%	149	8.9%
Other Exposures	0	0.0%	16	0.2%	18	1.1%
No Reported Exposure	80		1,667		381	
TOTAL	330		8,500		2,063	
With Exposure	250	100.0%	6,833	100.0%	1,682	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)	20	25.6%	1,876	45.1%	295	56.0%
Heterosexual Exposure (HET)	57	73.1%	2,264	54.5%	228	43.3%
Other Exposures	1	1.3%	16	0.4%	4	0.8%
No Reported Exposure*	32		1,306		140	
TOTAL	110		5,462		667	
With Exposure	78	100.0%	4,156	100.0%	527	100.0%

* Includes 2 Hispanic cases, 36 non-Hispanic black cases, and 2 non-Hispanic white 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)	3,508	1,697	48.4%	493	12.6%	17.0%	21.4%	49.0%
Injection Drug Users (IDU)	5,918	2,976	50.3%	391	22.2%	22.0%	19.3%	36.6%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	575	288	50.1%	422	19.4%	19.8%	20.5%	40.3%
Heterosexual Exposure (HET)	3,922	2,182	55.6%	491	15.8%	15.6%	20.2%	48.4%
Other Exposures	56	30	53.6%	455	26.7%	16.7%	16.7%	40.0%
No Reported Exposure*	3,699	1,601	43.3%	453	17.1%	18.0%	22.7%	42.3%
TOTAL	17,678	8,774	49.6%	450	17.7%	18.6%	20.6%	43.1%
With Exposure	13,979	7,173	51.3%	450	17.9%	18.8%	20.1%	43.3%

* Includes 56 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

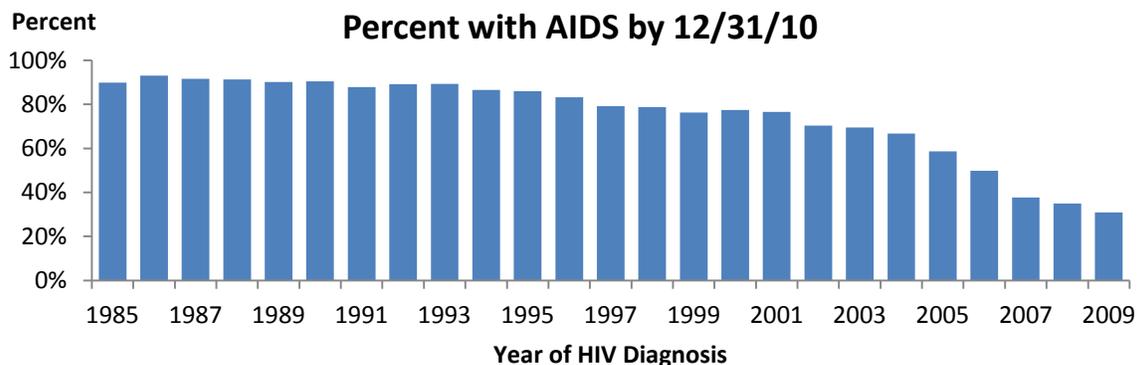
EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Un-detectable	Median Detectable
Men who have Sex with Men (MSM)	3,508	1,509	43.0%	54.5%	1,366
Injection Drug Users (IDU)	5,918	2,471	41.8%	43.5%	2,264
Men who have Sex with Men and Inject Drugs (MSM/IDU)	575	261	45.4%	46.4%	4,112
Heterosexual Exposure (HET)	3,922	1,895	48.3%	51.1%	1,480
Other Exposures	56	31	55.4%	45.2%	5,564
No Reported Exposure*	3,699	1,395	37.7%	35.9%	2,652
TOTAL	17,678	7,562	42.8%	46.3%	2,037
With Exposure	13,979	6,167	44.1%	48.7%	1,858

* Includes 56 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

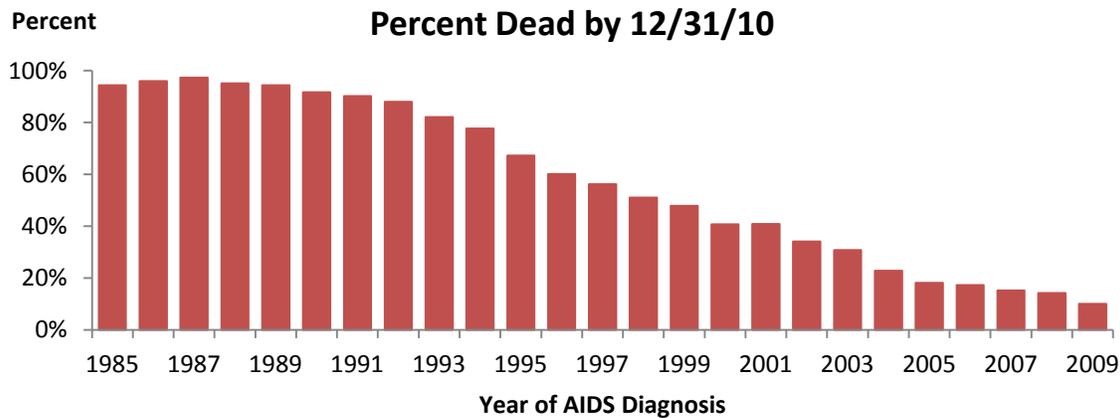
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/09 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2011 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis 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	187	180	96.3%	6.6	38.0%	38.0%	40.1%	70.1%
1985	392	352	89.8%	6.6	26.3%	27.0%	31.6%	73.5%
1986	527	490	93.0%	5.5	34.2%	34.2%	44.4%	78.6%
1987	715	655	91.6%	4.6	35.7%	36.9%	53.1%	82.0%
1988	1,075	982	91.3%	3.5	39.7%	43.0%	64.4%	85.7%
1989	1,391	1,255	90.2%	3.3	39.0%	44.2%	67.6%	83.8%
1990	1,482	1,339	90.4%	2.7	45.3%	52.3%	74.0%	85.5%
1991	1,662	1,460	87.8%	2.5	47.1%	56.6%	73.3%	82.7%
1992	1,616	1,441	89.2%	2.2	51.9%	60.3%	76.1%	84.4%
1993	1,491	1,331	89.3%	1.9	55.8%	63.9%	77.8%	85.8%
1994	1,350	1,168	86.5%	2.0	54.1%	62.5%	74.7%	82.6%
1995	1,335	1,147	85.9%	1.9	57.8%	63.3%	73.3%	82.4%
1996	1,241	1,033	83.2%	1.7	59.5%	64.2%	71.5%	80.0%
1997	1,263	1,000	79.2%	1.7	56.0%	60.5%	68.7%	76.3%
1998	1,220	960	78.7%	1.5	56.6%	60.4%	69.0%	76.4%
1999	1,163	886	76.2%	1.3	57.1%	61.1%	68.4%	74.6%
2000	1,095	848	77.4%	1.3	56.0%	60.2%	69.7%	76.5%
2001	1,199	919	76.6%	1.0	59.5%	63.3%	71.3%	--
2002	1,343	944	70.3%	1.0	55.0%	58.3%	64.9%	--
2003	1,236	859	69.5%	0.9	55.0%	58.6%	64.5%	--
2004	1,254	838	66.8%	0.8	53.1%	56.9%	63.2%	--
2005	1,287	755	58.7%	0.7	47.5%	50.1%	56.4%	--
2006	1,294	644	49.8%	0.7	39.7%	42.0%	--	--
2007	1,252	472	37.7%	0.7	29.3%	32.0%	--	--
2008	1,168	408	34.9%	0.5	28.2%	31.7%	--	--
2009	888	274	30.9%	0.3	27.1%	--	--	--
TOTAL	30,126	22,640	75.2%	2.1	48.1%	52.8%	63.5%	72.1%

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

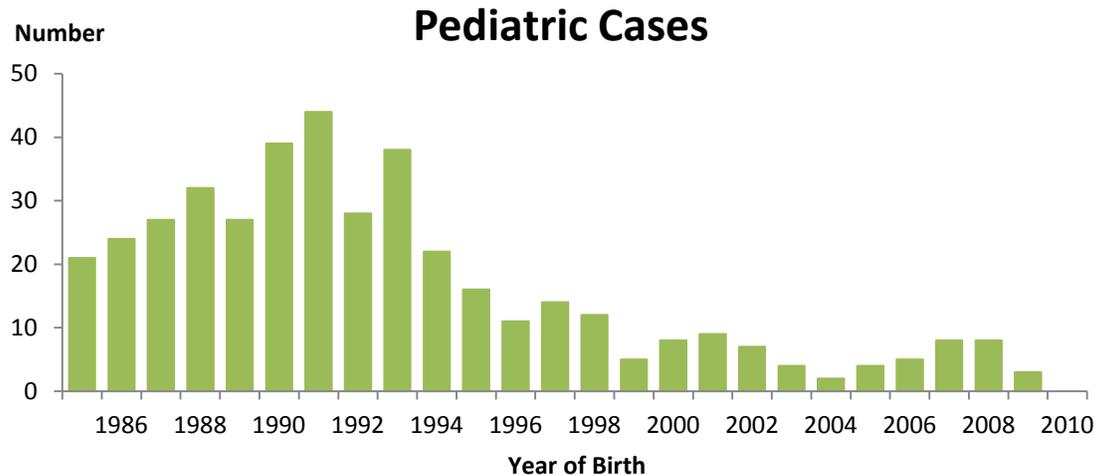


YEAR OF AIDS DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	72	68	94.4%	2.0	52.8%	31.9%	13.9%	9.7%
1985	105	99	94.3%	1.5	42.9%	22.9%	9.5%	7.6%
1986	174	167	96.0%	2.3	52.9%	35.1%	14.9%	9.2%
1987	259	252	97.3%	1.9	61.4%	33.2%	10.4%	4.6%
1988	429	408	95.1%	2.0	58.5%	38.2%	13.5%	6.5%
1989	546	515	94.3%	2.2	60.1%	39.0%	15.4%	8.1%
1990	784	718	91.6%	2.5	65.7%	46.3%	20.8%	12.8%
1991	974	879	90.2%	2.3	67.4%	45.9%	18.4%	12.7%
1992	1,346	1,185	88.0%	2.4	70.6%	49.5%	21.6%	15.8%
1993	1,545	1,269	82.1%	3.0	77.5%	55.8%	33.5%	22.5%
1994	1,373	1,067	77.7%	3.1	77.1%	58.6%	38.7%	26.2%
1995	1,385	932	67.3%	3.3	78.3%	66.4%	49.5%	37.0%
1996	1,307	785	60.1%	3.8	82.2%	75.3%	58.8%	45.0%
1997	1,134	637	56.2%	3.8	85.4%	77.6%	61.6%	48.1%
1998	1,025	523	51.0%	3.8	87.3%	80.4%	65.0%	52.3%
1999	1,016	487	47.9%	3.5	87.3%	80.3%	65.3%	54.5%
2000	886	361	40.7%	3.0	86.3%	81.3%	68.2%	59.9%
2001	1,012	413	40.8%	2.6	86.6%	78.8%	66.2%	--
2002	1,015	346	34.1%	2.6	88.2%	82.4%	73.1%	--
2003	950	293	30.8%	1.9	84.3%	80.2%	72.6%	--
2004	970	221	22.8%	1.9	89.4%	86.1%	79.8%	--
2005	905	165	18.2%	1.6	90.6%	88.5%	82.9%	--
2006	785	136	17.3%	1.7	92.1%	89.2%	--	--
2007	610	93	15.2%	1.1	91.0%	88.5%	--	--
2008	585	83	14.2%	0.9	91.3%	88.2%	--	--
2009	483	49	10.1%	0.6	92.3%	--	--	--
TOTAL	21,675	12,151	56.1%	2.8	80.7%	69.6%	54.0%	46.3%

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	26	2	1	0	--
1985	21	7	5	1	9
1986	24	8	6	4	13
1987	27	16	10	5	24
1988	32	22	15	4	42
1989	27	28	19	5	65
1990	39	38	17	5	98
1991	44	37	26	8	126
1992	28	44	28	8	162
1993	38	43	25	12	193
1994	22	30	21	12	210
1995	16	20	14	12	218
1996	11	18	11	13	224
1997	14	8	6	6	226
1998	12	16	9	3	238
1999	5	15	7	4	249
2000	8	9	2	0	258
2001	9	9	8	3	263
2002	7	7	5	3	267
2003	4	2	1	2	267
2004	2	4	2	2	269
2005	4	1	1	0	270
2006	5	6	3	0	276
2007	8	35	5	4	307
2008	8	12	6	3	317
2009	3	5	2	1	321
2010	0	2	5	3	320
TOTAL	444	444	260	123	--

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
Anne Arundel	0	0.0%	23	7.2%
Baltimore City	0	0.0%	230	71.9%
Baltimore	1	50.0%	45	14.1%
Carroll	0	0.0%	4	1.3%
Harford	1	50.0%	13	4.1%
Howard	0	0.0%	5	1.6%
Queen Anne's	0	0.0%	0	0.0%
Total	2	100.0%	320	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	142	44.4%
Female	178	55.6%
TOTAL	320	100.0%

RACE/ETHNICITY	Pediatric Total Living HIV Cases	
	No.	% of Total
Hispanic	2	0.6%
Non-Hispanic	318	99.4%
American Indian/ Alaska Native, only	0	0.0%
Asian, only	1	0.3%
Black, only	288	90.0%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	21	6.6%
Multiracial/Other	8	2.5%
TOTAL	320	100.0%