

Anne Arundel County HIV/AIDS Epidemiological Profile

Fourth Quarter 2012

Data reported through December 31, 2012



Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Bureau

Prevention and Health Promotion Administration
Maryland Department of Health and Mental Hygiene
<http://phpa.dhmh.maryland.gov/oidcor/chse>
1-800-358-9001



Anne Arundel County HIV Diagnoses during 2009-2011 by Census Tract of Residence at Diagnosis, as Reported through 12/31/2012

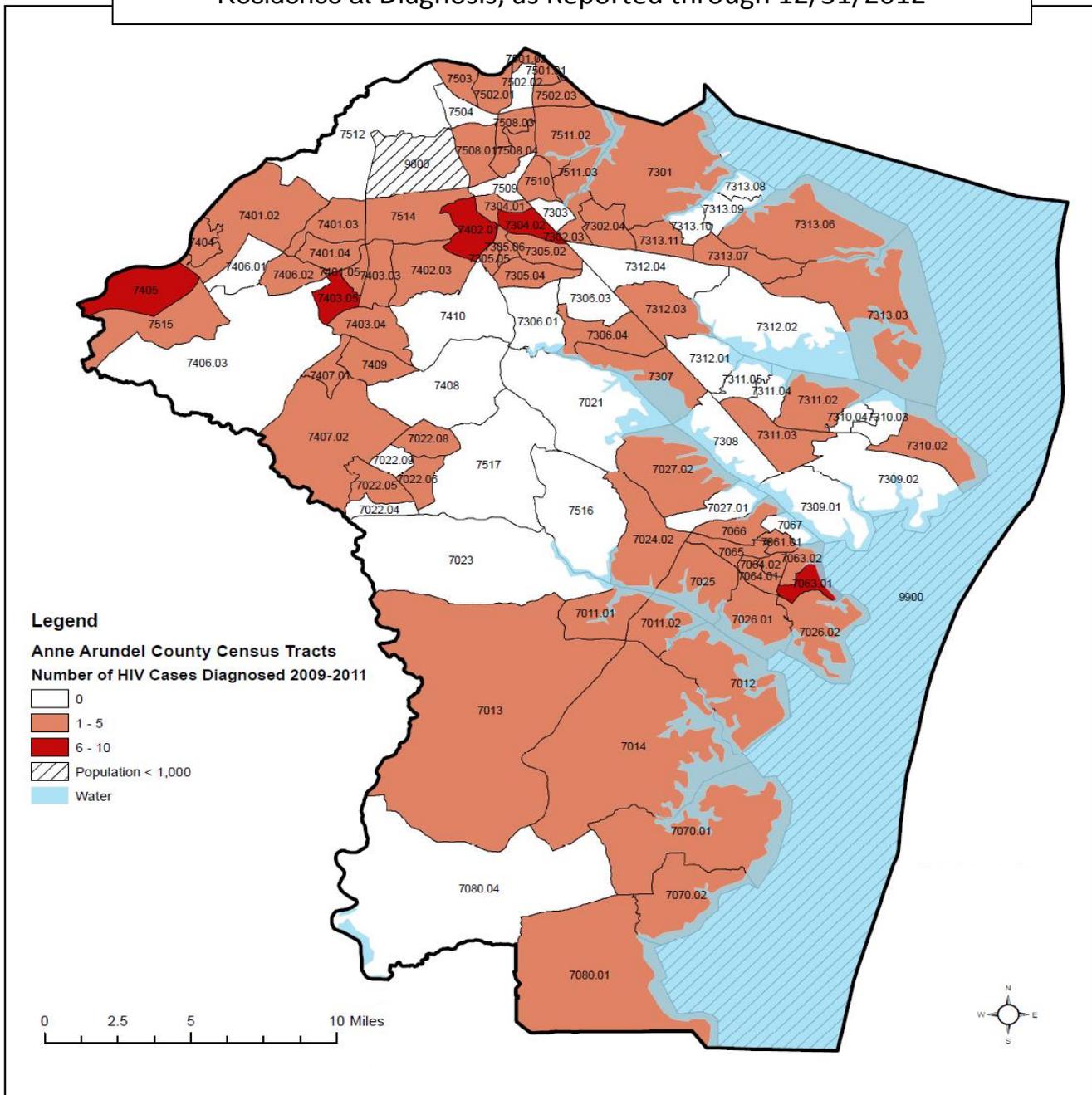


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Section I – Background Information

HIV/AIDS Reporting Requirements

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

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

Reporting forms and instructions are available on our website:

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

For Assistance with HIV/AIDS Reporting

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

Limitations in the HIV/AIDS Data

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

Stages of a Case of HIV/AIDS

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

For surveillance purposes, a case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, or years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would have been many years after the initial HIV infection [time point 1].

Changes in Case Terminology

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old cases. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one year lag allows for delays in reporting and time to complete investigations. For example, the Reported HIV Diagnoses for 2011 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2011-12/31/2011, as reported by name through 12/31/2012.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 12/31/2011 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2011 as reported by name through 12/31/2012.

Laboratory Data

CD4+ T-lymphocyte tests are measures of a person's immune system function. An HIV infected adult is considered to have AIDS if they have less than 200 CD4 cells per microliter of blood. Viral load (VL) tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Treatment recommendations are that a person in HIV medical care should have their CD4 and VL levels measured at least 2-3 times per year. We use the presence of these lab tests as an indicator that someone has been "linked to care" after diagnosis or is "in care".

Sources of Data

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health and Mental Hygiene's Enhanced HIV/AIDS Reporting System (eHARS), December 31, 2012.

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

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

Population data by sex, age, and race are from the July 1, 2011 U.S. Census Estimates and by country-of-birth from the 2011 American Community Survey (note the difference in total population due to different source). Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

Tabulation of Column Totals

Figures in tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

Data Suppression

In order to protect the confidentiality of reported HIV cases, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. Jurisdiction) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than 5 cases.
- All exposure/risk information if it is describing less than 5 cases, except in the case of "other" exposure.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

On-line Mapping Tool

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

HIV Exposure Categories

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

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

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

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

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

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

Glossary of Terms

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

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

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

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

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

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

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

AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis that have died due to any cause.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Confirmed Perinatal HIV Transmissions: Reported babies born to an HIV positive mother, with a confirmed HIV diagnosis.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

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

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at the later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

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

Live Births: Babies born alive in the general population.

Living HIV Cases with AIDS: Reported HIV diagnoses with an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

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

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

Mean Years from AIDS diagnosis to AIDS Death: Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

Median: The measure of central location which divides a set of data into two equal parts.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

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

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

Percent Alive by Years after AIDS Diagnosis: Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

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

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

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

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

Percent with AIDS: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis by 12/31/2011.

Percent with AIDS by Years after HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

Perinatal HIV Transmission Rate: Percent of confirmed perinatal HIV transmissions among reported perinatal HIV exposures.

Population: Population estimate for 7/1/2011.

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

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

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

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

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

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

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

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

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

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

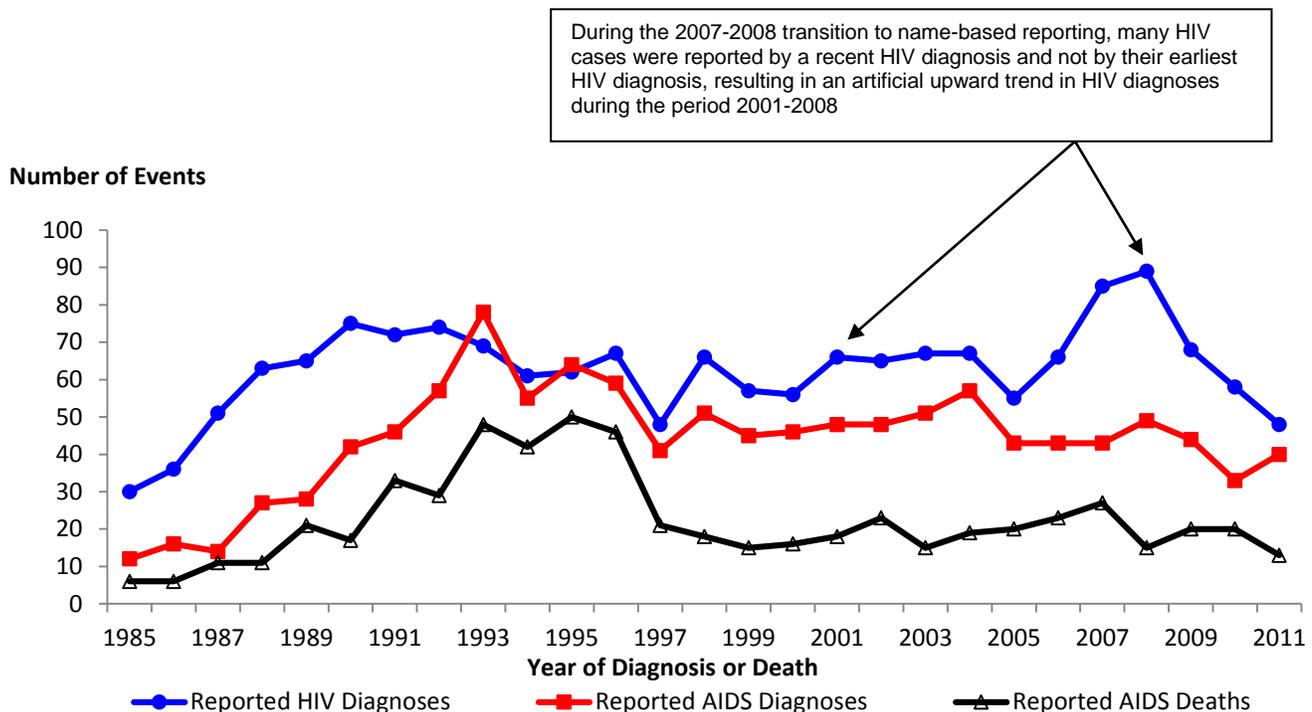
Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

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

Section II – Trends 1985-2011

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

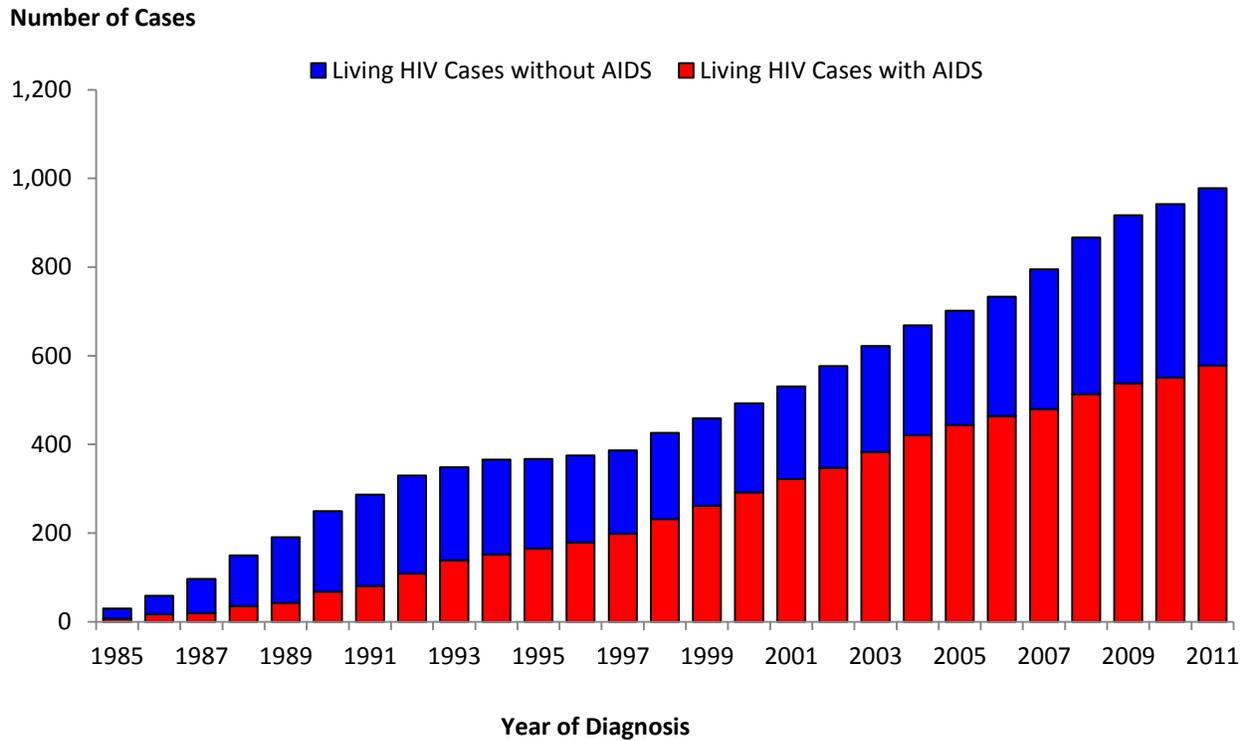
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnosis) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths)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



YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	11	5	4	1998	66	51	18
1985	30	12	6	1999	57	45	15
1986	36	16	6	2000	56	46	16
1987	51	14	11	2001	66	48	18
1988	63	27	11	2002	65	48	23
1989	65	28	21	2003	67	51	15
1990	75	42	17	2004	67	57	19
1991	72	46	33	2005	55	43	20
1992	74	57	29	2006	66	43	23
1993	69	78	48	2007	85	43	27
1994	61	55	42	2008	89	49	15
1995	62	64	50	2009	68	44	20
1996	67	59	46	2010	58	33	20
1997	48	41	21	2011	48	40	13
				TOTAL	1,697	1,185	607

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

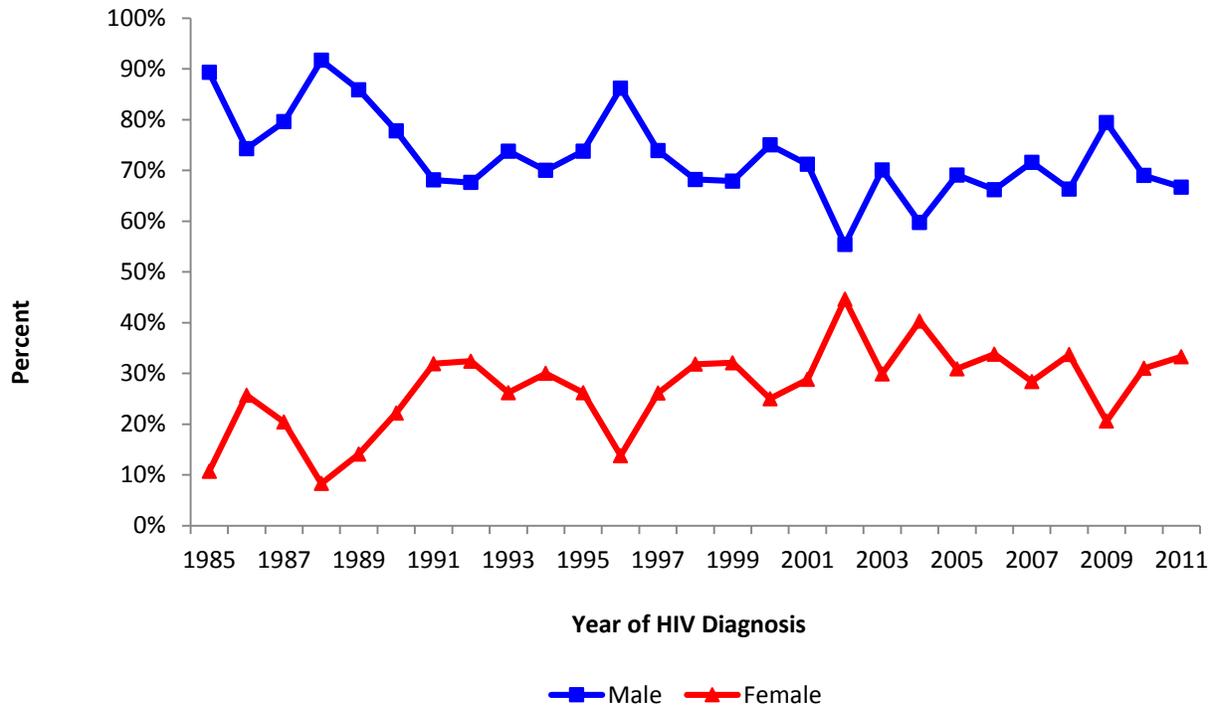
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2011, as Reported through 12/31/2012



YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases	YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases
1985	23	7	30	1998	194	232	426
1986	42	17	59	1999	197	262	459
1987	77	20	97	2000	201	292	493
1988	114	36	150	2001	209	322	531
1989	148	43	191	2002	230	347	577
1990	182	68	250	2003	239	383	622
1991	206	81	287	2004	248	421	669
1992	221	109	330	2005	258	444	702
1993	210	139	349	2006	269	464	733
1994	214	152	366	2007	315	480	795
1995	201	166	367	2008	353	514	867
1996	196	179	375	2009	379	538	917
1997	188	199	387	2010	391	551	942
				2011	400	578	978

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

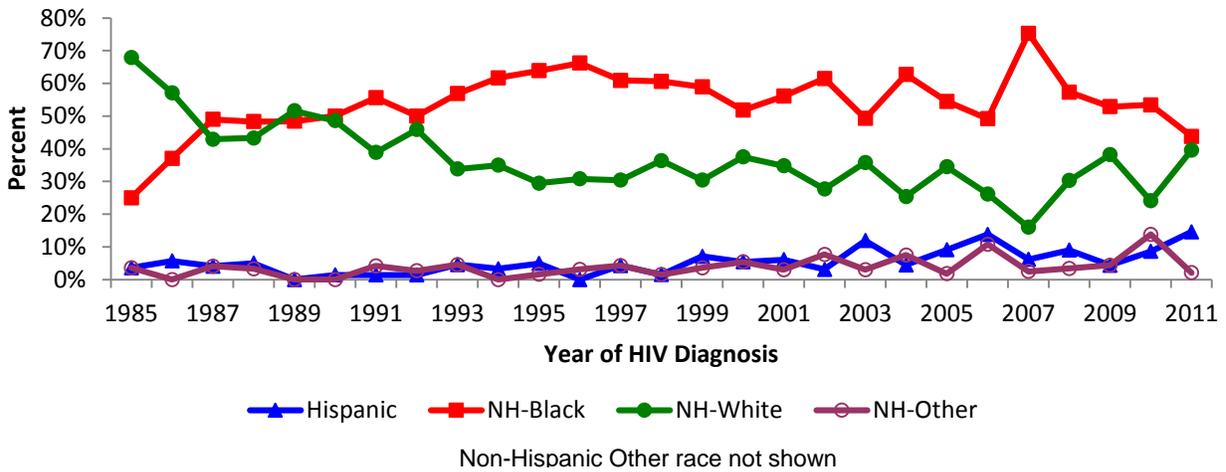
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses			YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses		
	No.	% Male	% Female		No.	% Male	% Female
<1985	11	90.9%	9.1%	1998	66	68.2%	31.8%
1985	28	89.3%	10.7%	1999	56	67.9%	32.1%
1986	35	74.3%	25.7%	2000	56	75.0%	25.0%
1987	49	79.6%	20.4%	2001	66	71.2%	28.8%
1988	60	91.7%	8.3%	2002	65	55.4%	44.6%
1989	64	85.9%	14.1%	2003	67	70.1%	29.9%
1990	72	77.8%	22.2%	2004	67	59.7%	40.3%
1991	72	68.1%	31.9%	2005	55	69.1%	30.9%
1992	74	67.6%	32.4%	2006	65	66.2%	33.8%
1993	65	73.8%	26.2%	2007	81	71.6%	28.4%
1994	60	70.0%	30.0%	2008	89	66.3%	33.7%
1995	61	73.8%	26.2%	2009	68	79.4%	20.6%
1996	65	86.2%	13.8%	2010	58	69.0%	31.0%
1997	46	73.9%	26.1%	2011	48	66.7%	33.3%
				TOTAL	1,669	72.4%	27.6%

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

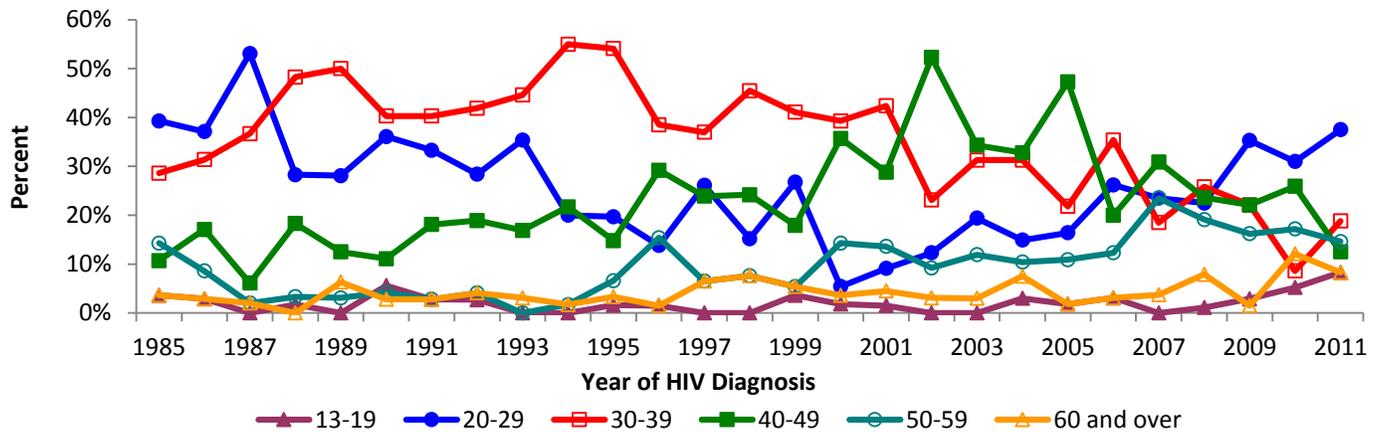
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	11	0.0%	27.3%	72.7%	0.0%
1985	28	3.6%	25.0%	67.9%	3.6%
1986	35	5.7%	37.1%	57.1%	0.0%
1987	49	4.1%	49.0%	42.9%	4.1%
1988	60	5.0%	48.3%	43.3%	3.3%
1989	64	0.0%	48.4%	51.6%	0.0%
1990	72	1.4%	50.0%	48.6%	0.0%
1991	72	1.4%	55.6%	38.9%	4.2%
1992	74	1.4%	50.0%	45.9%	2.7%
1993	65	4.6%	56.9%	33.8%	4.6%
1994	60	3.3%	61.7%	35.0%	0.0%
1995	61	4.9%	63.9%	29.5%	1.6%
1996	65	0.0%	66.2%	30.8%	3.1%
1997	46	4.3%	60.9%	30.4%	4.3%
1998	66	1.5%	60.6%	36.4%	1.5%
1999	56	7.1%	58.9%	30.4%	3.6%
2000	56	5.4%	51.8%	37.5%	5.4%
2001	66	6.1%	56.1%	34.8%	3.0%
2002	65	3.1%	61.5%	27.7%	7.7%
2003	67	11.9%	49.3%	35.8%	3.0%
2004	67	4.5%	62.7%	25.4%	7.5%
2005	55	9.1%	54.5%	34.5%	1.8%
2006	65	13.8%	49.2%	26.2%	10.8%
2007	81	6.2%	75.3%	16.0%	2.5%
2008	89	9.0%	57.3%	30.3%	3.4%
2009	68	4.4%	52.9%	38.2%	4.4%
2010	58	8.6%	53.4%	24.1%	13.8%
2011	48	14.6%	43.8%	39.6%	2.1%
TOTAL	1,669	5.3%	55.1%	35.8%	3.8%

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

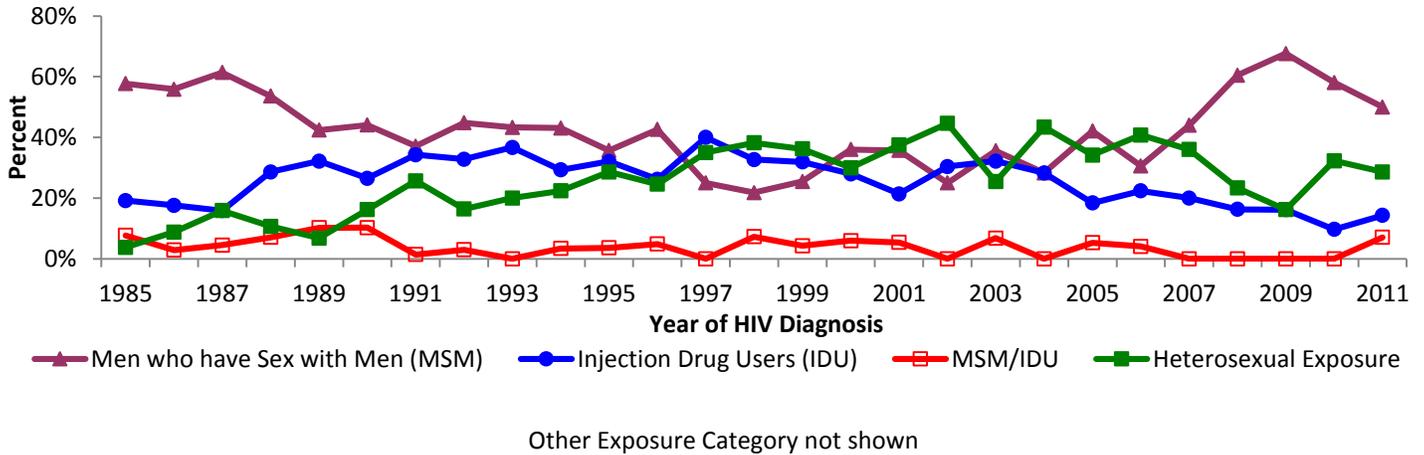
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



YEAR OF HIV DIAGNOSIS	Reported Adult/Adolescent HIV Diagnoses						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	11	18.2%	45.5%	27.3%	9.1%	0.0%	0.0%
1985	28	3.6%	39.3%	28.6%	10.7%	14.3%	3.6%
1986	35	2.9%	37.1%	31.4%	17.1%	8.6%	2.9%
1987	49	0.0%	53.1%	36.7%	6.1%	2.0%	2.0%
1988	60	1.7%	28.3%	48.3%	18.3%	3.3%	0.0%
1989	64	0.0%	28.1%	50.0%	12.5%	3.1%	6.3%
1990	72	5.6%	36.1%	40.3%	11.1%	4.2%	2.8%
1991	72	2.8%	33.3%	40.3%	18.1%	2.8%	2.8%
1992	74	2.7%	28.4%	41.9%	18.9%	4.1%	4.1%
1993	65	0.0%	35.4%	44.6%	16.9%	0.0%	3.1%
1994	60	0.0%	20.0%	55.0%	21.7%	1.7%	1.7%
1995	61	1.6%	19.7%	54.1%	14.8%	6.6%	3.3%
1996	65	1.5%	13.8%	38.5%	29.2%	15.4%	1.5%
1997	46	0.0%	26.1%	37.0%	23.9%	6.5%	6.5%
1998	66	0.0%	15.2%	45.5%	24.2%	7.6%	7.6%
1999	56	3.6%	26.8%	41.1%	17.9%	5.4%	5.4%
2000	56	1.8%	5.4%	39.3%	35.7%	14.3%	3.6%
2001	66	1.5%	9.1%	42.4%	28.8%	13.6%	4.5%
2002	65	0.0%	12.3%	23.1%	52.3%	9.2%	3.1%
2003	67	0.0%	19.4%	31.3%	34.3%	11.9%	3.0%
2004	67	3.0%	14.9%	31.3%	32.8%	10.4%	7.5%
2005	55	1.8%	16.4%	21.8%	47.3%	10.9%	1.8%
2006	65	3.1%	26.2%	35.4%	20.0%	12.3%	3.1%
2007	81	0.0%	23.5%	18.5%	30.9%	23.5%	3.7%
2008	89	1.1%	22.5%	25.8%	23.6%	19.1%	7.9%
2009	68	2.9%	35.3%	22.1%	22.1%	16.2%	1.5%
2010	58	5.2%	31.0%	8.6%	25.9%	17.2%	12.1%
2011	48	8.3%	37.5%	18.8%	12.5%	14.6%	8.3%
TOTAL	1,669	2.0%	25.1%	35.3%	23.7%	9.7%	4.2%

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

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



YEAR	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					% Other Exposure
		No.	% MSM	% IDU	% MSM/IDU	% HET	
<1985	11	11	45.5%	18.2%	9.1%	0.0%	27.3%
1985	28	26	57.7%	19.2%	7.7%	3.8%	11.5%
1986	35	34	55.9%	17.6%	2.9%	8.8%	14.7%
1987	49	44	61.4%	15.9%	4.5%	15.9%	2.3%
1988	60	56	53.6%	28.6%	7.1%	10.7%	0.0%
1989	64	59	42.4%	32.2%	10.2%	6.8%	8.5%
1990	72	68	44.1%	26.5%	10.3%	16.2%	2.9%
1991	72	70	37.1%	34.3%	1.4%	25.7%	1.4%
1992	74	67	44.8%	32.8%	3.0%	16.4%	3.0%
1993	65	60	43.3%	36.7%	0.0%	20.0%	0.0%
1994	60	58	43.1%	29.3%	3.4%	22.4%	1.7%
1995	61	56	35.7%	32.1%	3.6%	28.6%	0.0%
1996	65	61	42.6%	26.2%	4.9%	24.6%	1.6%
1997	46	40	25.0%	40.0%	0.0%	35.0%	0.0%
1998	66	55	21.8%	32.7%	7.3%	38.2%	0.0%
1999	56	47	25.5%	31.9%	4.3%	36.2%	2.1%
2000	56	50	36.0%	28.0%	6.0%	30.0%	0.0%
2001	66	56	35.7%	21.4%	5.4%	37.5%	0.0%
2002	65	56	25.0%	30.4%	0.0%	44.6%	0.0%
2003	67	59	35.6%	32.2%	6.8%	25.4%	0.0%
2004	67	53	28.3%	28.3%	0.0%	43.4%	0.0%
2005	55	38	42.1%	18.4%	5.3%	34.2%	0.0%
2006	65	49	30.6%	22.4%	4.1%	40.8%	2.0%
2007	81	50	44.0%	20.0%	0.0%	36.0%	0.0%
2008	89	43	60.5%	16.3%	0.0%	23.3%	0.0%
2009	68	37	67.6%	16.2%	0.0%	16.2%	0.0%
2010	58	31	58.1%	9.7%	0.0%	32.3%	0.0%
2011	48	28	50.0%	14.3%	7.1%	28.6%	0.0%
TOTAL	1,669	1,362	41.3%	26.9%	4.0%	25.9%	1.9%

Section III – Adult/Adolescent Cases by Jurisdiction

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

ZIP CODE 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		
20711	5,702	1	2.1%	17.5	***	***	***	***	***
20714	803	0	0.0%	0.0	--	--	--	--	--
20724	13,318	0	0.0%	0.0	--	--	--	--	--
20733	2,287	0	0.0%	0.0	--	--	--	--	--
20736	9	0	0.0%	0.0	--	--	--	--	--
20751	2,046	0	0.0%	0.0	--	--	--	--	--
20754	891	***	***	***	***	***	***	***	***
20755	6,425	0	0.0%	0.0	--	--	--	--	--
20758	640	0	0.0%	0.0	--	--	--	--	--
20764	3,556	0	0.0%	0.0	--	--	--	--	--
20765	480	0	0.0%	0.0	--	--	--	--	--
20776	2,823	0	0.0%	0.0	--	--	--	--	--
20778	1,718	0	0.0%	0.0	--	--	--	--	--
20779	1,023	0	0.0%	0.0	--	--	--	--	--
20794	6,339	0	0.0%	0.0	--	--	--	--	--
21012	17,982	1	2.1%	5.6	***	***	***	***	***
21032	7,626	0	0.0%	0.0	--	--	--	--	--
21035	6,612	0	0.0%	0.0	--	--	--	--	--
21037	17,526	1	2.1%	5.7	***	***	***	***	***
21054	8,545	0	0.0%	0.0	--	--	--	--	--
21056	241	0	0.0%	0.0	--	--	--	--	--
21060	25,151	4	8.3%	15.9	***	***	***	***	***
21061	45,368	11	22.9%	24.2	9	81.8%	188	90.9%	45.5%
21076	9,590	0	0.0%	0.0	--	--	--	--	--
21077	192	0	0.0%	0.0	--	--	--	--	--
21090	8,582	1	2.1%	11.7	***	***	***	***	***
21108	14,928	0	0.0%	0.0	--	--	--	--	--
21113	24,982	4	8.3%	16.0	***	***	***	***	***
21114	20,605	1	2.1%	4.9	***	***	***	***	***
21122	51,352	2	4.2%	3.9	***	***	***	***	***
21140	2,919	0	0.0%	0.0	--	--	--	--	--
21144	26,016	6	12.5%	23.1	5	83.3%	625	83.3%	16.7%
21146	22,277	0	0.0%	0.0	--	--	--	--	--
21225	12,226	3	6.3%	24.5	***	***	***	***	***
21226	3,593	1	2.1%	27.8	***	***	--	***	***
21401	31,528	3	6.3%	9.5	***	***	***	***	***
21402	5,048	0	0.0%	0.0	--	--	--	--	--
21403	26,108	7	14.6%	26.8	6	85.7%	163	85.7%	57.1%
21405	477	0	0.0%	0.0	--	--	--	--	--
21409	16,677	0	0.0%	0.0	--	--	--	--	--
Unknown	--	***	***	***	***	***	***	***	***
TOTAL	454,211	48	100.0%	10.6	40	83.3%	198	81.3%	45.8%

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

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

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

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

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

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

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

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

ZIP CODE OF RESIDENCE AT AIDS DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
20711	5,702	1	2.5%	17.5	***	***
20714	803	0	0.0%	0.0	--	--
20724	13,318	1	2.5%	7.5	***	***
20733	2,287	0	0.0%	0.0	--	--
20736	9	0	0.0%	0.0	--	--
20751	2,046	0	0.0%	0.0	--	--
20754	891	0	0.0%	0.0	--	--
20755	6,425	0	0.0%	0.0	--	--
20758	640	0	0.0%	0.0	--	--
20764	3,556	0	0.0%	0.0	--	--
20765	480	0	0.0%	0.0	--	--
20776	2,823	0	0.0%	0.0	--	--
20778	1,718	0	0.0%	0.0	--	--
20779	1,023	0	0.0%	0.0	--	--
20794	6,339	2	5.0%	31.6	***	***
21012	17,982	0	0.0%	0.0	--	--
21032	7,626	0	0.0%	0.0	--	--
21035	6,612	0	0.0%	0.0	--	--
21037	17,526	0	0.0%	0.0	--	--
21054	8,545	0	0.0%	0.0	--	--
21056	241	0	0.0%	0.0	--	--
21060	25,151	4	10.0%	15.9	***	***
21061	45,368	8	20.0%	17.6	3.0	62.5%
21076	9,590	1	2.5%	10.4	***	***
21077	192	0	0.0%	0.0	--	--
21090	8,582	0	0.0%	0.0	--	--
21108	14,928	2	5.0%	13.4	***	***
21113	24,982	3	7.5%	12.0	***	***
21114	20,605	1	2.5%	4.9	***	***
21122	51,352	0	0.0%	0.0	--	--
21140	2,919	0	0.0%	0.0	--	--
21144	26,016	3	7.5%	11.5	***	***
21146	22,277	1	2.5%	4.5	***	***
21225	12,226	4	10.0%	32.7	***	***
21226	3,593	0	0.0%	0.0	--	--
21401	31,528	3	7.5%	9.5	***	***
21402	5,048	0	0.0%	0.0	--	--
21403	26,108	4	10.0%	15.3	***	***
21405	477	0	0.0%	0.0	--	--
21409	16,677	0	0.0%	0.0	--	--
Unknown	--	2	5.0%	--	***	***
Total	454,211	40	100.0%	8.8	2.4	57.5%

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

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

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

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

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

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

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

Table 3 – Adult/Adolescent HIV Cases Alive on 12/31/2011, by Jurisdiction, Reported through 12/31/2012

ZIP CODE 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)
20711	5,702	4	1.0%	70.2	7	1.2%	122.8	11	1.2%	192.9	518
20714	803	***	***	***	***	***	***	***	***	***	***
20724	13,318	13	3.3%	97.6	21	3.7%	157.7	34	3.6%	255.3	391
20733	2,287	0	0.0%	0.0	1	0.2%	43.7	1	0.1%	43.7	2,287
20736	9	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
20751	2,046	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
20754	891	***	***	***	***	***	***	***	***	***	***
20755	6,425	7	1.8%	108.9	3	0.5%	46.7	10	1.0%	155.6	642
20758	640	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
20764	3,556	2	0.5%	56.2	4	0.7%	112.5	6	0.6%	168.7	592
20765	480	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
20776	2,823	0	0.0%	0.0	1	0.2%	35.4	1	0.1%	35.4	2,823
20778	1,718	2	0.5%	116.4	0	0.0%	0.0	2	0.2%	116.4	859
20779	1,023	1	0.3%	97.8	1	0.2%	97.8	2	0.2%	195.5	511
20794	6,339	6	1.5%	94.7	12	2.1%	189.3	18	1.9%	284.0	352
21012	17,982	11	2.8%	61.2	8	1.4%	44.5	19	2.0%	105.7	946
21032	7,626	6	1.5%	78.7	10	1.8%	131.1	16	1.7%	209.8	476
21035	6,612	2	0.5%	30.2	1	0.2%	15.1	3	0.3%	45.4	2,204
21037	17,526	10	2.6%	57.1	10	1.8%	57.1	20	2.1%	114.1	876
21054	8,545	4	1.0%	46.8	7	1.2%	81.9	11	1.2%	128.7	776
21056	241	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
21060	25,151	21	5.4%	83.5	37	6.5%	147.1	58	6.1%	230.6	433
21061	45,368	70	17.9%	154.3	90	15.9%	198.4	160	16.7%	352.7	283
21076	9,590	2	0.5%	20.9	7	1.2%	73.0	9	0.9%	93.8	1,065
21077	192	***	***	***	***	***	***	***	***	***	***
21090	8,582	9	2.3%	104.9	4	0.7%	46.6	13	1.4%	151.5	660
21108	14,928	4	1.0%	26.8	12	2.1%	80.4	16	1.7%	107.2	933
21113	24,982	16	4.1%	64.0	26	4.6%	104.1	42	4.4%	168.1	594
21114	20,605	15	3.8%	72.8	9	1.6%	43.7	24	2.5%	116.5	858
21122	51,352	23	5.9%	44.8	38	6.7%	74.0	61	6.4%	118.8	841
21140	2,919	2	0.5%	68.5	1	0.2%	34.3	3	0.3%	102.8	973
21144	26,016	34	8.7%	130.7	46	8.1%	176.8	80	8.4%	307.5	325
21146	22,277	6	1.5%	26.9	14	2.5%	62.8	20	2.1%	89.8	1,113
21225	12,226	20	5.1%	163.6	40	7.1%	327.2	60	6.3%	490.8	203
21226	3,593	2	0.5%	55.7	1	0.2%	27.8	3	0.3%	83.5	1,197
21401	31,528	49	12.6%	155.4	83	14.7%	263.3	132	13.8%	418.7	238
21402	5,048	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
21403	26,108	32	8.2%	122.6	62	11.0%	237.5	94	9.8%	360.0	277
21405	477	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
21409	16,677	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
Unknown	--	14	3.6%	--	9	1.6%	--	23	2.4%	--	--
Total	454,211	390	100.0%	85.9	566	100.0%	124.6	956	100.0%	210.5	475

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

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

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

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

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

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

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

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

Table 4 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, Reported through 12/31/2012

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
20711	11	***	***	***	***	***	***	***
20714	***	***	***	***	***	***	***	***
20724	34	11	32.4%	430	27.3%	9.1%	27.3%	36.4%
20733	1	***	***	***	***	***	***	***
20736	0	--	--	--	--	--	--	--
20751	0	--	--	--	--	--	--	--
20754	***	***	***	***	***	***	***	***
20755	10	***	***	***	***	***	***	***
20758	0	--	--	--	--	--	--	--
20764	6	5	83.3%	459	0.0%	0.0%	60.0%	40.0%
20765	0	--	--	--	--	--	--	--
20776	1	***	***	***	***	***	***	***
20778	2	***	***	***	***	***	***	***
20779	2	***	***	***	***	***	***	***
20794	18	10	55.6%	319	30.0%	20.0%	10.0%	40.0%
21012	19	8	42.1%	556	0.0%	25.0%	25.0%	50.0%
21032	16	8	50.0%	641	25.0%	0.0%	12.5%	62.5%
21035	3	***	***	***	***	***	***	***
21037	20	6	30.0%	595	0.0%	33.3%	0.0%	66.7%
21054	11	6	54.5%	681	0.0%	16.7%	0.0%	83.3%
21056	0	--	--	--	--	--	--	--
21060	58	32	55.2%	429	25.0%	15.6%	25.0%	34.4%
21061	160	70	43.8%	501	10.0%	15.7%	24.3%	50.0%
21076	9	***	***	***	***	***	***	***
21077	***	***	***	***	***	***	***	***
21090	13	5	38.5%	721	0.0%	0.0%	20.0%	80.0%
21108	16	7	43.8%	509	14.3%	14.3%	0.0%	71.4%
21113	42	16	38.1%	309	25.0%	31.3%	18.8%	25.0%
21114	24	7	29.2%	378	14.3%	28.6%	28.6%	28.6%
21122	61	22	36.1%	520	22.7%	9.1%	13.6%	54.5%
21140	3	***	***	***	***	***	***	***
21144	80	28	35.0%	513	7.1%	17.9%	25.0%	50.0%
21146	20	8	40.0%	299	37.5%	25.0%	12.5%	25.0%
21225	60	33	55.0%	319	30.3%	21.2%	18.2%	30.3%
21226	3	***	***	***	***	***	***	***
21401	132	61	46.2%	490	19.7%	21.3%	11.5%	47.5%
21402	0	--	--	--	--	--	--	--
21403	94	43	45.7%	461	11.6%	25.6%	18.6%	44.2%
21405	0	--	--	--	--	--	--	--
21409	0	--	--	--	--	--	--	--
Unknown	23	11	47.8%	413	18.2%	9.1%	36.4%	36.4%
TOTAL	956	412	43.1%	450	17.0%	19.4%	19.2%	44.4%

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

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

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

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

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, by Jurisdiction, Reported through 12/31/2012

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
20711	11	***	***	***	***
20714	***	***	***	***	***
20724	34	9	26.5%	55.6%	6,721
20733	1	***	***	***	***
20736	0	--	--	--	--
20751	0	--	--	--	--
20754	***	***	***	***	***
20755	10	***	***	***	***
20758	0	--	--	--	--
20764	6	***	***	***	***
20765	0	--	--	--	--
20776	1	--	--	--	--
20778	2	--	--	--	--
20779	2	--	--	--	--
20794	18	8	44.4%	62.5%	27,890
21012	19	6	31.6%	50.0%	73,880
21032	16	4	25.0%	75.0%	66,192
21035	3	***	***	***	***
21037	20	7	35.0%	100.0%	--
21054	11	***	***	***	***
21056	0	--	--	--	--
21060	58	29	50.0%	58.6%	13,988
21061	160	63	39.4%	66.7%	6,163
21076	9	***	***	***	***
21077	***	***	***	***	***
21090	13	***	***	***	***
21108	16	6	37.5%	66.7%	1,260
21113	42	16	38.1%	62.5%	40,135
21114	24	10	41.7%	70.0%	94,195
21122	61	20	32.8%	70.0%	13,369
21140	3	***	***	***	***
21144	80	31	38.8%	64.5%	14,120
21146	20	8	40.0%	87.5%	18,083
21225	60	25	41.7%	48.0%	4,501
21226	3	***	***	***	***
21401	132	48	36.4%	68.8%	10,000
21402	0	--	--	--	--
21403	94	42	44.7%	66.7%	26,142
21405	0	--	--	--	--
21409	0	--	--	--	--
Unknown	23	8	34.8%	87.5%	501
TOTAL	956	362	37.9%	66.6%	13,343

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

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

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

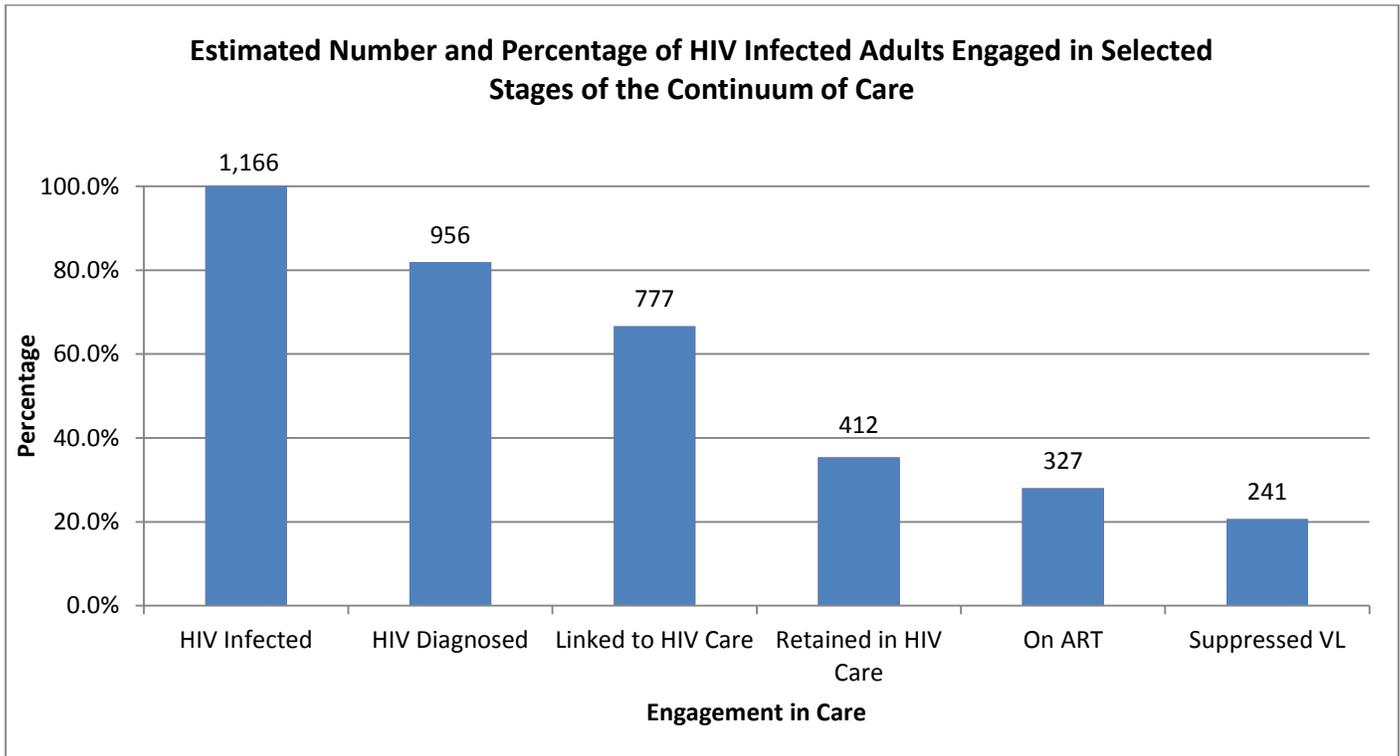
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

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

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

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

In their 2011 article in Clinical Infectious Diseases, Gardner et al. utilize a continuum of care “cascade” to illustrate national estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care. The Maryland Engagement in HIV Care Cascade (below) uses the national estimate of the number of undiagnosed persons (18%) to generate an estimated total number of HIV infected persons in Maryland, and then uses local data to describe the number and percentage of persons living with HIV in Maryland who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Number	Percentage
HIV Infected	1,166	100.0%
HIV Diagnosed	956	82.0%
Linked to HIV Care	777	66.7%
Retained in HIV Care	412	35.3%
On ART	327	28.0%
Suppressed VL	241	20.7%

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

HIV Diagnosed: Adult/adolescent total living HIV cases as of December 31st of the specified year.

Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

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

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Suppressed Viral Load: HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Section IV – Cases by Age

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

AGE AT HIV DIAGNOSIS	Population	Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
<5 (Pediatric)	34,782	0	0.0%	0.0	--	--	--	--	--
5-12 (Pediatric)	55,410	0	0.0%	0.0	--	--	--	--	--
13-19	48,232	4	8.3%	8.3	***	***	***	***	***
20-29	73,485	18	37.5%	24.5	15	83.3%	325	66.7%	33.3%
30-39	71,170	9	18.8%	12.6	8	88.9%	50	88.9%	77.8%
40-49	83,663	6	12.5%	7.2	***	***	***	***	***
50-59	79,297	7	14.6%	8.8	5	71.4%	49	100.0%	57.1%
60+	98,364	4	8.3%	4.1	***	***	***	***	***
TOTAL	544,403	48	100.0%	8.8	40	83.3%	198	81.3%	45.8%

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

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

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	34,782	0	0.0%	0.0	--	--
5-12 (Pediatric)	55,410	0	0.0%	0.0	--	--
13-19	48,232	0	0.0%	0.0	--	--
20-29	73,485	10	25.0%	13.6	1.5	60.0%
30-39	71,170	17	42.5%	23.9	3.0	47.1%
40-49	83,663	4	10.0%	4.8	***	***
50-59	79,297	7	17.5%	8.8	3.0	57.1%
60+	98,364	2	5.0%	2.0	***	***
TOTAL	544,403	40	100.0%	7.3	2.4	57.5%

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

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

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Population: Population estimate for 7/1/2011.

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

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

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

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

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

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

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

Table 8 – HIV Cases Alive on 12/31/2011, by Age on 12/31/2011, Reported through 12/31/2012

AGE ON 12/31/2011	Population	Living HIV Cases without AIDS			Living HIV Cases with AIDS			Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5 (Pediatric)	34,782	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
5-12 (Pediatric)	55,410	4	1.0%	7.2	1	0.2%	1.8	5	0.5%	9.0	13,852
13-19	48,232	9	2.3%	18.7	5	0.9%	10.4	14	1.4%	29.0	5,359
20-29	73,485	76	19.0%	103.4	36	6.2%	49.0	112	11.5%	152.4	966
30-39	71,170	69	17.3%	97.0	80	13.8%	112.4	149	15.2%	209.4	1,031
40-49	83,663	123	30.8%	147.0	196	33.9%	234.3	319	32.6%	381.3	680
50-59	79,297	85	21.3%	107.2	190	32.9%	239.6	275	28.1%	346.8	932
60+	98,364	34	8.5%	34.6	70	12.1%	71.2	104	10.6%	105.7	2,893
TOTAL	544,403	400	100.0%	73.5	578	100.0%	106.2	978	100.0%	179.6	1,361

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

Population: Population estimate for 7/1/2011.

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

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

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

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

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

Table 9 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, by Age on 12/31/2011, Reported through 12/31/2012

AGE ON 12/31/2011	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	5	***	***	***	***	***	***	***
20-29	105	56	53.3%	513	12.5%	21.4%	14.3%	51.8%
30-39	148	65	43.9%	404	27.7%	16.9%	16.9%	38.5%
40-49	319	119	37.3%	455	15.1%	18.5%	23.5%	42.9%
50-59	275	118	42.9%	435	17.8%	19.5%	20.3%	42.4%
60+	104	***	***	***	***	***	***	***
TOTAL	956	412	43.1%	450	17.0%	19.4%	19.2%	44.4%

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

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

AGE ON 12/31/2011	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
13-19	5	***	***	***	***
20-29	105	51	48.6%	49.0%	30,694
30-39	148	64	43.2%	62.5%	7,799
40-49	319	95	29.8%	76.8%	10,545
50-59	275	101	36.7%	66.3%	15,778
60+	104	***	***	***	***
TOTAL	956	362	37.9%	66.6%	13,343

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

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

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

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

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

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

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

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

Section V – Adult/Adolescent Cases by Demographics

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

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
Male	223,127	32	66.7%	14.3	26	81.3%	142	78.1%	46.9%
Female	231,084	16	33.3%	6.9	14	87.5%	302	87.5%	43.8%
TOTAL	454,211	48	100.0%	10.6	40	83.3%	198	81.3%	45.8%

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	25,373	7	14.6%	27.6	5	71.4%	57	57.1%	71.4%
Non-Hispanic	428,838	41	85.4%	9.6	35	85.4%	245	85.4%	41.5%
American Indian/ Alaska Native, only	1,219	0	0.0%	0.0	--	--	--	--	--
Asian, only	15,956	0	0.0%	0.0	--	--	--	--	--
Black, only	68,573	21	43.8%	30.6	***	***	***	***	***
Native Hawaiian/Other Pacific Islander, only	347	0	0.0%	0.0	--	--	--	--	--
White, only	335,257	19	39.6%	5.7	15	78.9%	211	84.2%	36.8%
Multiracial/Other	25,008	1	2.1%	4.0	***	***	***	***	***
TOTAL	454,211	48	100.0%	10.6	40	83.3%	198	81.3%	45.8%

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	409,140	39	81.3%	9.5	35	89.7%	245	87.2%	43.6%
Foreign-born	39,372	3	6.3%	7.3	***	***	***	***	***
Africa	--	0	0.0%	--	--	--	--	--	--
Asia	--	0	0.0%	--	--	--	--	--	--
Caribbean	--	0	0.0%	--	--	--	--	--	--
Central America	--	3	6.3%	--	***	***	***	***	***
Other	--	0	0.0%	--	--	--	--	--	--
Unknown	--	6	12.5%	--	***	***	***	***	***
TOTAL	448,512	48	100.0%	10.7	40	83.3%	198	81.3%	45.8%

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

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

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

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

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

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

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

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

Table 12 – Adult/Adolescent AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2012

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	223,127	27	67.5%	12.1	1.8	63.0%
Female	231,084	13	32.5%	5.6	3.6	46.2%
TOTAL	454,211	40	100.0%	8.8	2.4	57.5%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	25,373	4	10.0%	15.8	***	***
Non-Hispanic	428,838	36	90.0%	8.4	2.7	52.8%
American Indian/ Alaska Native, only	1,219	0	0.0%	--	--	--
Asian, only	15,956	0	0.0%	--	--	--
Black, only	68,573	25	62.5%	36.5	3.1	40.0%
Native Hawaiian/Other Pacific Islander, only	347	0	0.0%	--	--	--
White, only	335,257	9	22.5%	2.7	1.9	77.8%
Multiracial/Other	25,008	2	5.0%	8.0	***	***
TOTAL	454,211	40	100.0%	8.8	2.4	57.5%

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
United States	409,140	37	92.5%	9.0	2.6	54.1%
Foreign-born	39,372	2	5.0%	5.1	***	***
Africa	--	0	0.0%	--	--	--
Asia	--	0	0.0%	--	--	--
Caribbean	--	0	0.0%	--	--	--
Central America	--	2	5.0%	--	***	***
Other	--	0	0.0%	--	--	--
Unknown	--	1	2.5%	--	***	***
TOTAL	448,512	40	100.0%	8.9	2.4	57.5%

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

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

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

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

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

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

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

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

Table 13 – Adult/Adolescent Living HIV Cases with and without AIDS by Sex at Birth, Race/Ethnicity, and Country of Birth, Alive on 12/31/2011 and Reported through 12/31/2012

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Male	223,127	252	64.6%	112.9	390	68.9%	174.8	642	67.2%	287.7	885
Female	231,084	138	35.4%	59.7	176	31.1%	76.2	314	32.8%	135.9	1,674
Total	454,211	390	100.0%	85.9	566	100.0%	124.6	956	100.0%	210.5	1,164

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	25,373	24	6.2%	94.6	46	8.1%	181.3	70	7.3%	275.9	1,057
Non-Hispanic	428,838	366	93.8%	85.3	520	91.9%	121.3	886	92.7%	206.6	1,171
American Indian/Alaska Native, only	1,219	***	***	***	***	***	***	***	***	***	***
Asian, only	15,956	***	***	***	***	***	***	***	***	***	***
Black, only	68,573	197	50.5%	287.3	341	60.2%	497.3	538	56.3%	784.6	348
Native Hawaiian/Other Pacific Islander, only	347	***	***	***	***	***	***	***	***	***	***
White, only	335,257	149	38.2%	44.4	149	26.3%	44.4	298	31.2%	88.9	2,250
Multiracial/Other	25,008	16	4.1%	64.0	29	5.1%	116.0	45	4.7%	179.9	1,563
TOTAL	454,211	390	100.0%	85.9	566	100.0%	124.6	956	100.0%	210.5	1,164

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	409,140	359	92.1%	87.7	521	92.0%	127.3	880	92.1%	215.1	1,139
Foreign-born	39,372	20	5.1%	50.8	42	7.4%	106.7	62	6.5%	157.5	1,968
Africa	--	4	1.0%	--	13	2.3%	--	17	1.8%	--	--
Asia	--	3	0.8%	--	3	0.5%	--	6	0.6%	--	--
Caribbean	--	2	0.5%	--	3	0.5%	--	5	0.5%	--	--
Central America	--	8	2.1%	--	20	3.5%	--	28	2.9%	--	--
Other	--	3	0.8%	--	3	0.5%	--	6	0.6%	--	--
Unknown	--	11	2.8%	--	3	0.5%	--	14	1.5%	--	--
TOTAL	448,512	390	100.0%	87.0	566	100.0%	126.2	956	100.0%	213.1	1,150

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

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

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

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

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

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

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

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

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

Table 14 –Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2011 and Reported through 12/31/2012

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male	642	273	42.5%	429	16.8%	21.2%	20.1%	41.8%
Female	314	139	44.3%	491	17.3%	15.8%	17.3%	49.6%
TOTAL	956	412	43.1%	450	17.0%	19.4%	19.2%	44.4%

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Hispanic	70	29	41.4%	401	20.7%	20.7%	13.8%	44.8%
Non-Hispanic	886	383	43.2%	453	16.7%	19.3%	19.6%	44.4%
American Indian/ Alaska Native, only	***	***	***	***	***	***	***	***
Asian, only	***	***	***	***	***	***	***	***
Black, only	538	246	45.7%	434	18.3%	19.9%	20.7%	41.1%
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***	***	***	***
White, only	298	111	37.2%	533	11.7%	17.1%	17.1%	54.1%
Multiracial/Other	45	26	57.8%	357	23.1%	23.1%	19.2%	34.6%
TOTAL	956	412	43.1%	450	17.0%	19.4%	19.2%	44.4%

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
United States	880	386	43.9%	450	17.1%	18.9%	19.4%	44.6%
Foreign-born	62	23	37.1%	479	13.0%	26.1%	17.4%	43.5%
Africa	17	7	41.2%	491	0.0%	42.9%	14.3%	42.9%
Asia	6	***	***	***	***	***	***	***
Caribbean	5	***	***	***	***	***	***	***
Central America	28	12	42.9%	475	25.0%	25.0%	0.0%	50.0%
Other	6	***	***	***	***	***	***	***
Unknown	14	***	***	***	***	***	***	***
TOTAL	956	412	43.1%	450	17.0%	19.4%	19.2%	44.4%

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

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

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

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 15 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2011 and Reported through 12/31/2012

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	642	243	37.9%	68.7%	12,720
Female	314	119	37.9%	62.2%	14,120
TOTAL	956	362	37.9%	66.6%	13,343

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	70	26	37.1%	80.8%	18,345
Non-Hispanic	886	336	37.9%	65.5%	12,972
American Indian/ Alaska Native, only	***	***	***	***	***
Asian, only	***	***	***	***	***
Black, only	538	214	39.8%	61.2%	12,097
Native Hawaiian/ Other Pacific Islander, only	***	***	***	***	***
White, only	298	102	34.2%	75.5%	13,639
Multiracial/Other	45	20	44.4%	60.0%	12,592
TOTAL	956	362	37.9%	66.6%	13,343

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
United States	880	336	38.2%	66.4%	14,120
Foreign-born	62	21	33.9%	61.9%	8,347
Africa	17	6	35.3%	50.0%	1,280
Asia	6	***	***	***	***
Caribbean	5	***	***	***	***
Central America	28	12	42.9%	66.7%	13,638
Other	6	1	16.7%	100.0%	--
Unknown	14	5	35.7%	100.0%	--
TOTAL	956	362	37.9%	66.6%	13,343

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

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

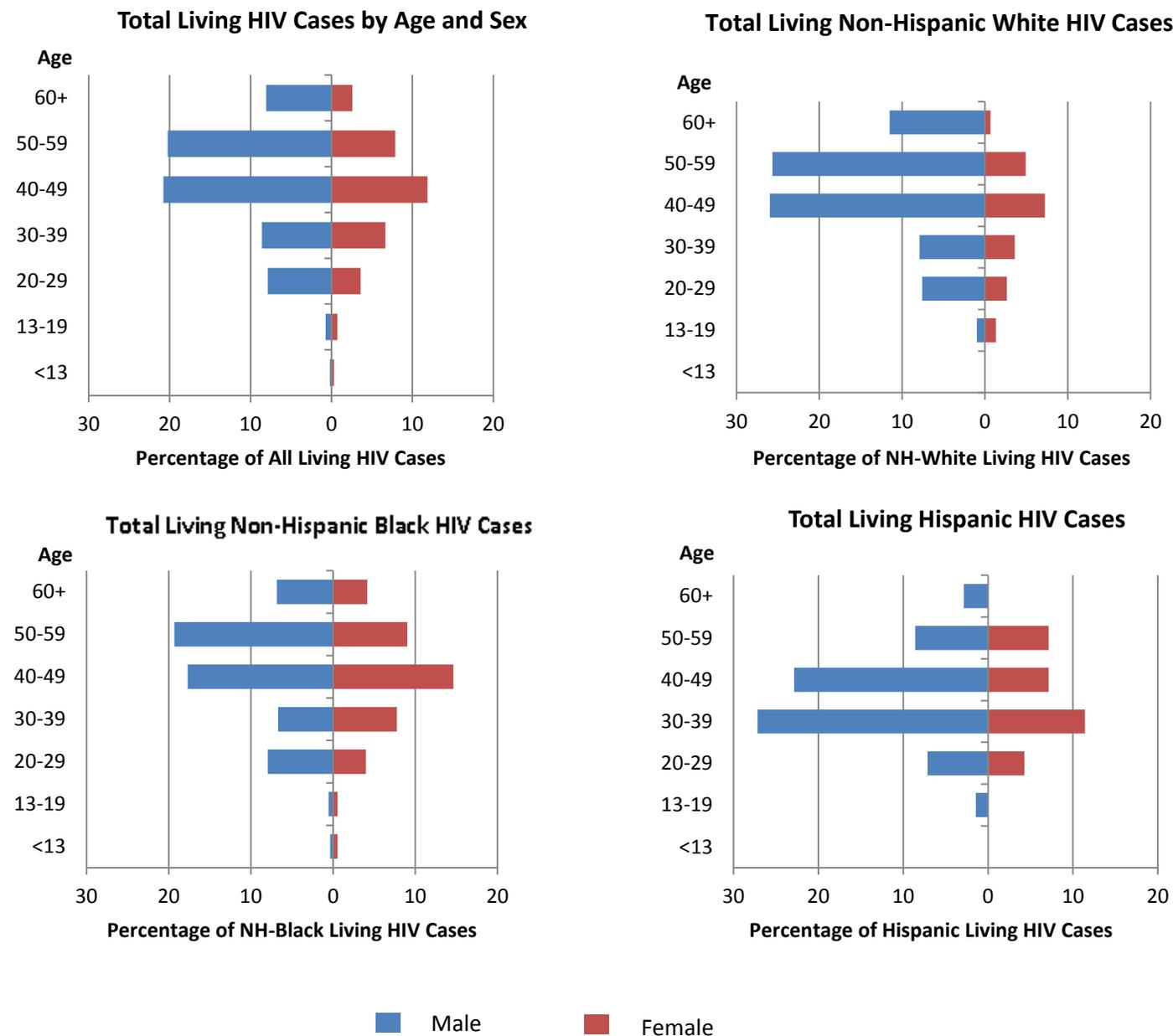
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

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

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

Section VI – HIV Cases by Expanded Demographics

Figure 8 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012



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

Table 16 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012

MALES						
AGE ON 12/31/2011		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	4,699	8,310	28,717	4,266	45,992
	Cases	0	2	0	0	2
	Rate	0.0	24.1	0.0	0.0	4.3
	Ratio (1 in X)	--	4,155	--	--	22,996
13-19	Population	1,933	4,585	16,800	1,877	25,195
	Cases	***	3	3	***	7
	Rate	***	65.4	17.9	***	27.8
	Ratio (1 in X)	***	1,528	5,600	***	3,599
20-29	Population	3,893	6,522	26,047	2,441	38,903
	Cases	5	44	23	5	77
	Rate	128.4	674.6	88.3	204.8	197.9
	Ratio (1 in X)	778	148	1,132	488	505
30-39	Population	3,636	6,118	23,021	2,364	35,139
	Cases	19	37	24	4	84
	Rate	522.6	604.8	104.3	169.2	239.1
	Ratio (1 in X)	191	165	959	591	418
40-49	Population	2,205	6,373	30,270	1,909	40,757
	Cases	16	98	79	10	203
	Rate	725.6	1,537.7	261.0	523.8	498.1
	Ratio (1 in X)	137	65	383	190	200
50-59	Population	1,137	5,049	30,799	1,558	38,543
	Cases	6	107	78	7	198
	Rate	527.7	2,119.2	253.3	449.3	513.7
	Ratio (1 in X)	189	47	394	222	194
60+	Population	696	4,379	38,018	1,496	44,589
	Cases	***	38	35	***	79
	Rate	***	867.8	92.1	***	177.2
	Ratio (1 in X)	***	115	1,086	***	564
TOTAL MALES BY RACE/ETHNICITY	Population	18,199	41,336	193,672	15,911	269,118
	Cases	49	329	242	30	650
	Rate	269.2	795.9	125.0	188.5	241.5
	Ratio (1 in X)	371	125	800	530	414

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

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

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

Population: Population estimate for 7/1/2011.

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

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

Table 17 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012

FEMALES						
AGE ON 12/31/2011		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	4,518	7,936	27,354	4,393	44,201
	Cases	0	3	0	0	3
	Rate	0.0	37.8	0.0	0.0	6.8
	Ratio (1 in X)	--	2,645	--	--	14,733
13-19	Population	1,735	4,321	15,190	1,790	23,036
	Cases	***	3	4	***	7
	Rate	***	69.4	26.3	***	30.4
	Ratio (1 in X)	***	1,440	3,797	***	3,290
20-29	Population	2,955	5,877	23,337	2,413	34,582
	Cases	3	22	8	2	35
	Rate	101.5	374.3	34.3	82.9	101.2
	Ratio (1 in X)	985	267	2,917	1,206	988
30-39	Population	3,131	6,531	23,586	2,783	36,031
	Cases	8	43	11	3	65
	Rate	255.5	658.4	46.6	107.8	180.4
	Ratio (1 in X)	391	151	2,144	927	554
40-49	Population	1,991	7,255	31,280	2,380	42,906
	Cases	5	81	22	8	116
	Rate	251.1	1,116.5	70.3	336.1	270.4
	Ratio (1 in X)	398	89	1,421	297	369
50-59	Population	1,145	5,647	31,982	1,980	40,754
	Cases	5	50	15	7	77
	Rate	436.7	885.4	46.9	353.5	188.9
	Ratio (1 in X)	229	112	2,132	282	529
60+	Population	915	5,916	44,927	2,017	53,775
	Cases	***	23	2	***	25
	Rate	***	388.8	4.5	***	46.5
	Ratio (1 in X)	***	257	22,463	***	2,151
TOTAL FEMALES BY RACE/ETHNICITY	Population	16,390	43,483	197,656	17,756	275,285
	Cases	21	225	62	20	328
	Rate	128.1	517.4	31.4	112.6	119.1
	Ratio (1 in X)	780	193	3,188	887	839

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

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

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

Population: Population estimate for 7/1/2011.

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

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

Section VII – HIV Exposure Category

Table 18 – Adult/Adolescent HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
With Exposure	28	100.0%	82.1%	188	82.1%	46.4%
Men who have Sex with Men (MSM)	14	50.0%	78.6%	292	78.6%	35.7%
Injection Drug Users (IDU)	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***
Heterosexual Exposure (HET)	8	28.6%	87.5%	155	87.5%	62.5%
Other Exposures	0	0.0%	--	--	--	--
No Reported Exposure	20		85.0%	211	80.0%	45.0%
TOTAL	48		83.3%	198	81.3%	45.8%

MALES EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
With Exposure	21	100.0%	76.2%	118	76.2%	47.6%
Men who have Sex with Men (MSM)	14	66.7%	78.6%	292	78.6%	35.7%
Injection Drug Users (IDU)	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***	***	***
Other Exposures	0	0.0%	--	--	--	--
No Reported Exposure	11		90.9%	158	81.8%	45.5%
TOTAL	32		81.3%	142	78.1%	46.9%

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
With Exposure	7	100.0%	100.0%	245	100.0%	42.9%
Injection Drug Users (IDU)	***	***	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***	***	***
Other Exposures	0	0.0%	--	--	--	--
No Reported Exposure	9		77.8%	359	77.8%	44.4%
TOTAL	16		87.5%	302	87.5%	43.8%

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

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

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

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

Table 19 – Adult/Adolescent AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	23	100.0%	2.5	52.2%
Men who have Sex with Men (MSM)	11	47.8%	1.7	45.5%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***
Heterosexual Exposure (HET)	9	39.1%	3.8	55.6%
Other Exposures	0	0.0%	--	--
No Reported Exposure	17		2.3	64.7%
TOTAL	40		2.4	57.5%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	17	100.0%	2.1	52.9%
Men who have Sex with Men (MSM)	11	64.7%	1.7	45.5%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	0	0.0%	--	--
No Reported Exposure	10		1.4	80.0%
TOTAL	27		1.8	63.0%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	6	100.0%	3.6	50.0%
Injection Drug Users (IDU)	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	0	0.0%	--	--
No Reported Exposure	7		3.7	42.9%
TOTAL	13		3.6	46.2%

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

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

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

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

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

EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	265	100.0%	463	100.0%	728	100.0%
Men who have Sex with Men (MSM)	133	50.2%	178	38.4%	311	42.7%
Injection Drug Users (IDU)	37	14.0%	101	21.8%	138	19.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	6	2.3%	16	3.5%	22	3.0%
Heterosexual Exposure (HET)	88	33.2%	163	35.2%	251	34.5%
Other Exposures	1	0.4%	5	1.1%	6	0.8%
No Reported Exposure*	125		103		228	
TOTAL	390		566		956	

MALES EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	179	100.0%	322	100.0%	501	100.0%
Men who have Sex with Men (MSM)	133	74.3%	178	55.3%	311	62.1%
Injection Drug Users (IDU)	19	10.6%	67	20.8%	86	17.2%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	6	3.4%	16	5.0%	22	4.4%
Heterosexual Exposure (HET)	21	11.7%	59	18.3%	80	16.0%
Other Exposures	0	0.0%	2	0.6%	2	0.4%
No Reported Exposure	73		68		141	
TOTAL	252		390		642	

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	86	100.0%	141	100.0%	227	100.0%
Injection Drug Users (IDU)	18	20.9%	34	24.1%	52	22.9%
Heterosexual Exposure (HET)	67	77.9%	104	73.8%	171	75.3%
Other Exposures	1	1.2%	3	2.1%	4	1.8%
No Reported Exposure*	52		35		87	
TOTAL	138		176		314	

* Includes 6 HIV cases without AIDS and 8 HIV cases with AIDS with Presumed Female Heterosexual exposure

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

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

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

Table 21 – Adult/Adolescent Total Living HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2011 and Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	53	100.0%	402	100.0%	233	100.0%
Men who have Sex with Men (MSM)	21	39.6%	124	30.8%	154	66.1%
Injection Drug Users (IDU)	***	***	89	22.1%	37	15.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	15	3.7%	***	***
Heterosexual Exposure (HET)	27	50.9%	172	42.8%	37	15.9%
Other Exposures	1	1.9%	2	0.5%	***	***
No Reported Exposure*	17		136		65	
TOTAL	70		538		298	

MALES EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	36	100.0%	253	100.0%	187	100.0%
Men who have Sex with Men (MSM)	21	58.3%	124	49.0%	154	82.4%
Injection Drug Users (IDU)	***	***	63	24.9%	17	9.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	15	5.9%	***	***
Heterosexual Exposure (HET)	12	33.3%	51	20.2%	12	6.4%
Other Exposures	***	***	0	0.0%	***	***
No Reported Exposure	13		71		52	
TOTAL	49		324		239	

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	17	100.0%	149	100.0%	46	100.0%
Injection Drug Users (IDU)	***	***	26	17.4%	20	43.5%
Heterosexual Exposure (HET)	15	88.2%	121	81.2%	25	54.3%
Other Exposures	***	***	2	1.3%	1	2.2%
No Reported Exposure*	4		65		13	
TOTAL	21		214		59	

* Includes 2 Hispanic cases, 11 non-Hispanic black cases, and 1 non-Hispanic white cases with Presumed Female Heterosexual exposure

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

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

Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2011 and Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
With Exposure	728	319	43.8%	459	15.4%	20.1%	18.8%	45.8%
Men who have Sex with Men (MSM)	311	123	39.5%	446	13.0%	25.2%	18.7%	43.1%
Injection Drug Users (IDU)	138	73	52.9%	428	20.5%	19.2%	17.8%	42.5%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	22	5	22.7%	433	20.0%	20.0%	20.0%	40.0%
Heterosexual Exposure (HET)	251	117	46.6%	517	14.5%	14.5%	19.7%	51.3%
Other Exposures	6	1	16.7%	341	0.0%	100.0%	0.0%	0.0%
No Reported Exposure*	228	93	40.8%	419	22.6%	17.2%	20.4%	39.8%
TOTAL	956	412	43.1%	450	17.0%	19.4%	19.2%	44.4%

* Includes 126 cases with Presumed Female Heterosexual exposure

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

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
With Exposure	728	282	38.7%	67.7%	12,600
Men who have Sex with Men (MSM)	311	112	36.0%	67.9%	14,642
Injection Drug Users (IDU)	138	56	40.6%	64.3%	25,627
Men who have Sex with Men and Inject Drugs (MSM/IDU)	22	5	22.7%	60.0%	3,079
Heterosexual Exposure (HET)	251	108	43.0%	69.4%	7,763
Other Exposures	6	1	16.7%	100.0%	--
No Reported Exposure*	228	80	35.1%	62.5%	14,394
TOTAL	956	362	37.9%	66.6%	13,343

* Includes 126 cases with Presumed Female Heterosexual exposure

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

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

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

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

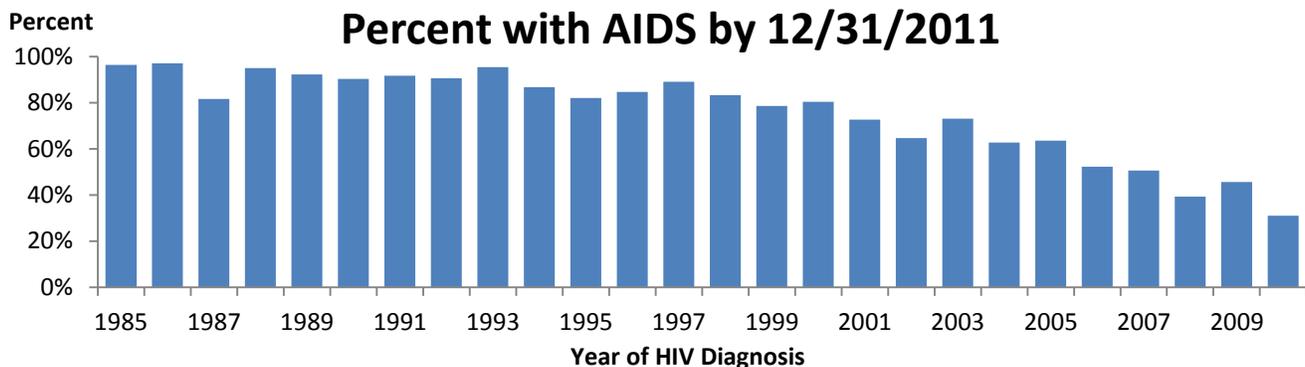
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

Section VIII – Disease Progression and Mortality

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

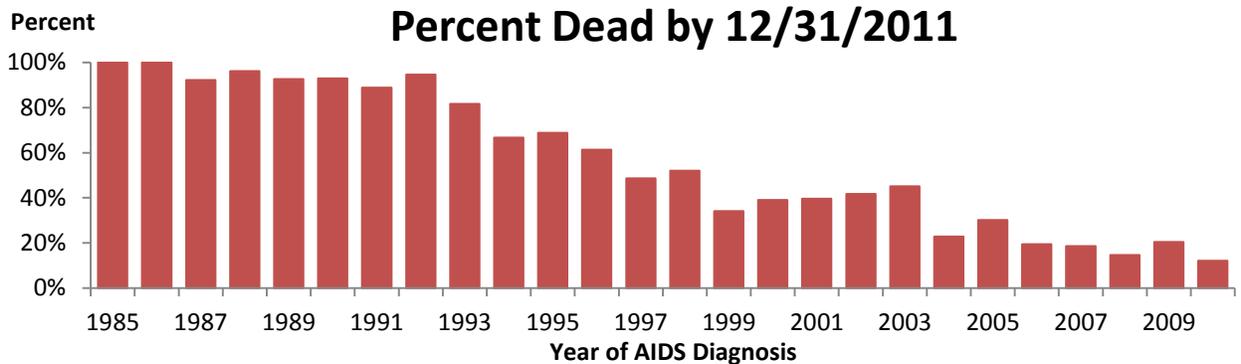
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/2010 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2011 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2011, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2012



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	11	11	100.0%	6.6	45.5%	45.5%	45.5%	72.7%
1985	28	27	96.4%	5.2	46.4%	46.4%	53.6%	85.7%
1986	35	34	97.1%	3.5	42.9%	42.9%	57.1%	97.1%
1987	49	40	81.6%	4.7	32.7%	36.7%	42.9%	71.4%
1988	60	57	95.0%	4.4	36.7%	41.7%	63.3%	83.3%
1989	64	59	92.2%	3.3	46.9%	53.1%	67.2%	82.8%
1990	72	65	90.3%	3.3	41.7%	47.2%	65.3%	86.1%
1991	72	66	91.7%	2.9	43.1%	52.8%	76.4%	87.5%
1992	74	67	90.5%	2.1	55.4%	62.2%	78.4%	85.1%
1993	65	62	95.4%	2.1	58.5%	63.1%	78.5%	95.4%
1994	60	52	86.7%	2.6	51.7%	61.7%	70.0%	78.3%
1995	61	50	82.0%	1.7	59.0%	63.9%	72.1%	77.0%
1996	65	55	84.6%	1.4	67.7%	72.3%	73.8%	81.5%
1997	46	41	89.1%	1.4	58.7%	67.4%	80.4%	89.1%
1998	66	55	83.3%	1.7	57.6%	60.6%	71.2%	80.3%
1999	56	44	78.6%	1.9	58.9%	58.9%	64.3%	75.0%
2000	56	45	80.4%	0.8	67.9%	69.6%	76.8%	80.4%
2001	66	48	72.7%	1.1	53.0%	60.6%	68.2%	71.2%
2002	65	42	64.6%	1.4	46.2%	50.8%	56.9%	--
2003	67	49	73.1%	0.9	56.7%	61.2%	68.7%	--
2004	67	42	62.7%	1.0	49.3%	50.7%	58.2%	--
2005	55	35	63.6%	0.8	52.7%	56.4%	60.0%	--
2006	65	34	52.3%	0.6	43.1%	43.1%	50.8%	--
2007	81	41	50.6%	0.9	35.8%	38.3%	--	--
2008	89	35	39.3%	0.4	33.7%	37.1%	--	--
2009	68	31	45.6%	0.6	35.3%	39.7%	--	--
2010	58	18	31.0%	0.2	29.3%	--	--	--
TOTAL	1,621	1,205	74.3%	2.1	48.2%	52.4%	62.2%	71.3%

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

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/10 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2011 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2011, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2012

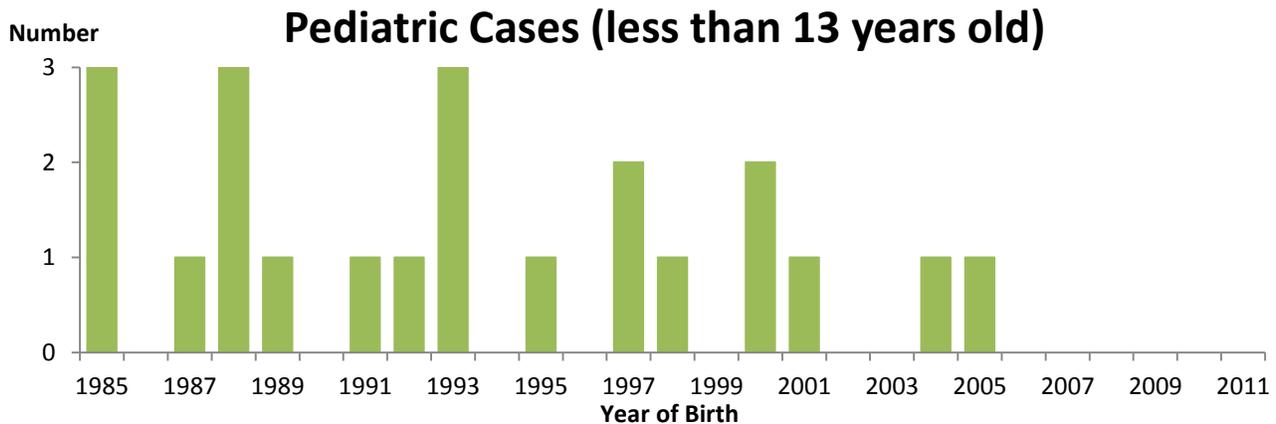


YEAR OF AIDS DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	5	5	100.0%	0.6	20.0%	20.0%	0.0%	0.0%
1985	12	12	100.0%	2.7	41.7%	16.7%	8.3%	8.3%
1986	15	15	100.0%	3.5	80.0%	53.3%	13.3%	6.7%
1987	13	12	92.3%	1.5	46.2%	23.1%	15.4%	7.7%
1988	26	25	96.2%	2.7	53.8%	38.5%	19.2%	7.7%
1989	27	25	92.6%	1.6	59.3%	44.4%	7.4%	7.4%
1990	42	39	92.9%	2.3	73.8%	42.9%	16.7%	9.5%
1991	45	40	88.9%	2.5	77.8%	55.6%	26.7%	15.6%
1992	56	53	94.6%	2.6	73.2%	46.4%	14.3%	12.5%
1993	76	62	81.6%	2.6	72.4%	50.0%	27.6%	23.7%
1994	54	36	66.7%	3.2	79.6%	64.8%	42.6%	40.7%
1995	64	44	68.8%	3.2	76.6%	62.5%	46.9%	37.5%
1996	57	35	61.4%	3.9	80.7%	70.2%	59.6%	43.9%
1997	39	19	48.7%	5.5	87.2%	84.6%	71.8%	64.1%
1998	50	26	52.0%	5.6	88.0%	86.0%	74.0%	58.0%
1999	44	15	34.1%	3.9	90.9%	84.1%	79.5%	65.9%
2000	46	18	39.1%	4.5	91.3%	87.0%	78.3%	65.2%
2001	48	19	39.6%	3.2	85.4%	77.1%	70.8%	60.4%
2002	48	20	41.7%	3.3	85.4%	79.2%	68.8%	--
2003	51	23	45.1%	2.8	82.4%	76.5%	64.7%	--
2004	57	13	22.8%	2.3	89.5%	89.5%	80.7%	--
2005	43	13	30.2%	1.8	86.0%	81.4%	74.4%	--
2006	41	8	19.5%	1.5	92.7%	87.8%	80.5%	--
2007	43	8	18.6%	1.8	93.0%	88.4%	--	--
2008	48	7	14.6%	0.9	89.6%	89.6%	--	--
2009	44	9	20.5%	0.7	84.1%	81.8%	--	--
2010	33	4	12.1%	0.6	90.9%	--	--	--
TOTAL	1,127	605	53.7%	2.9	81.1%	70.5%	56.3%	49.6%

Section IX – Pediatric Cases

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

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2011, as Reported by Name through 12/31/2012



YEAR	Pediatric Reported HIV Diagnoses				Pediatric Total Living HIV Cases
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on 12/31 of Each Year
<1985	6	0	0	0	--
1985	3	2	1	0	1
1986	0	1	1	1	1
1987	1	2	1	0	3
1988	3	3	1	0	6
1989	1	1	1	0	7
1990	0	3	0	1	9
1991	1	0	2	0	8
1992	1	0	1	0	8
1993	3	4	1	0	13
1994	0	1	1	0	14
1995	1	1	0	2	13
1996	0	2	2	0	14
1997	2	2	2	0	16
1998	1	0	1	0	16
1999	0	1	1	1	16
2000	2	0	0	0	16
2001	1	0	1	0	15
2002	0	0	0	0	15
2003	0	0	0	0	15
2004	1	0	0	0	15
2005	1	0	0	0	15
2006	0	1	1	0	17
2007	0	4	0	0	21
2008	0	0	0	0	22
2009	0	0	0	0	22
2010	0	0	0	0	22
2011	0	0	0	0	22
TOTAL	28	28	18	5	--

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

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
20711	0	0.0%	1	4.5%
20724	0	0.0%	1	4.5%
21032	0	0.0%	1	4.5%
21060	0	0.0%	2	9.1%
21076	0	0.0%	1	4.5%
21108	0	0.0%	3	13.6%
21113	0	0.0%	2	9.1%
21122	0	0.0%	4	18.2%
21144	0	0.0%	4	18.2%
21401	0	0.0%	2	9.1%
21403	0	0.0%	1	4.5%
COUNTY TOTAL	0	100.0%	22	100.0%

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

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

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

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

SEX AT BIRTH	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Male	0	0.0%	8	36.4%
Female	0	0.0%	14	63.6%
TOTAL	0	100.0%	22	100.0%

RACE/ETHNICITY	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Hispanic	0	0.0%	0	0.0%
Non-Hispanic	0	0.0%	22	100.0%
American Indian/ Alaska Native, only	0	0.0%	0	0.0%
Asian, only	0	0.0%	0	0.0%
Black, only	0	0.0%	16	72.7%
Native Hawaiian/Other Pacific Islander, only	0	0.0%	0	0.0%
White, only	0	0.0%	6	27.3%
Multiracial/Other	0	0.0%	0	0.0%
TOTAL	0	100.0%	22	100.0%

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

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