

2013

Baltimore City Annual HIV Epidemiological Profile

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Data reported through December 31, 2014

**Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Epidemiology and Outbreak Response Bureau
Prevention and Health Promotion Administration
Maryland Department of Health and Mental Hygiene
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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 Chiefs 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 14% 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. It is important to note that surveillance is an ongoing systematic collection, analysis, interpretation, and dissemination of laboratory data. 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. Linkage to care data is based solely on laboratory data reported to the health department. 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.

Stages of a Case of HIV/AIDS

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

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

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

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

Changes in Case Terminology

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

For this epidemiological profile, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one-year lag allows for delays in reporting and time to complete investigations. For example, the Reported HIV Diagnoses for 2013 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2013-12/31/2014, as reported by name through 12/31/2014.

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 12/31/2014 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2014 as reported by name through 12/31/2014.

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, 2014.

Population data by sex, age, and race are from the July 1, 2013 U.S. Census Estimates and by country-of-birth from the 2013 American Community Survey (note the difference in total population due to different source). Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

Tabulation of Column Totals

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

Data Suppression

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

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

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.

Men who have Sex with Men (MSM): 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.

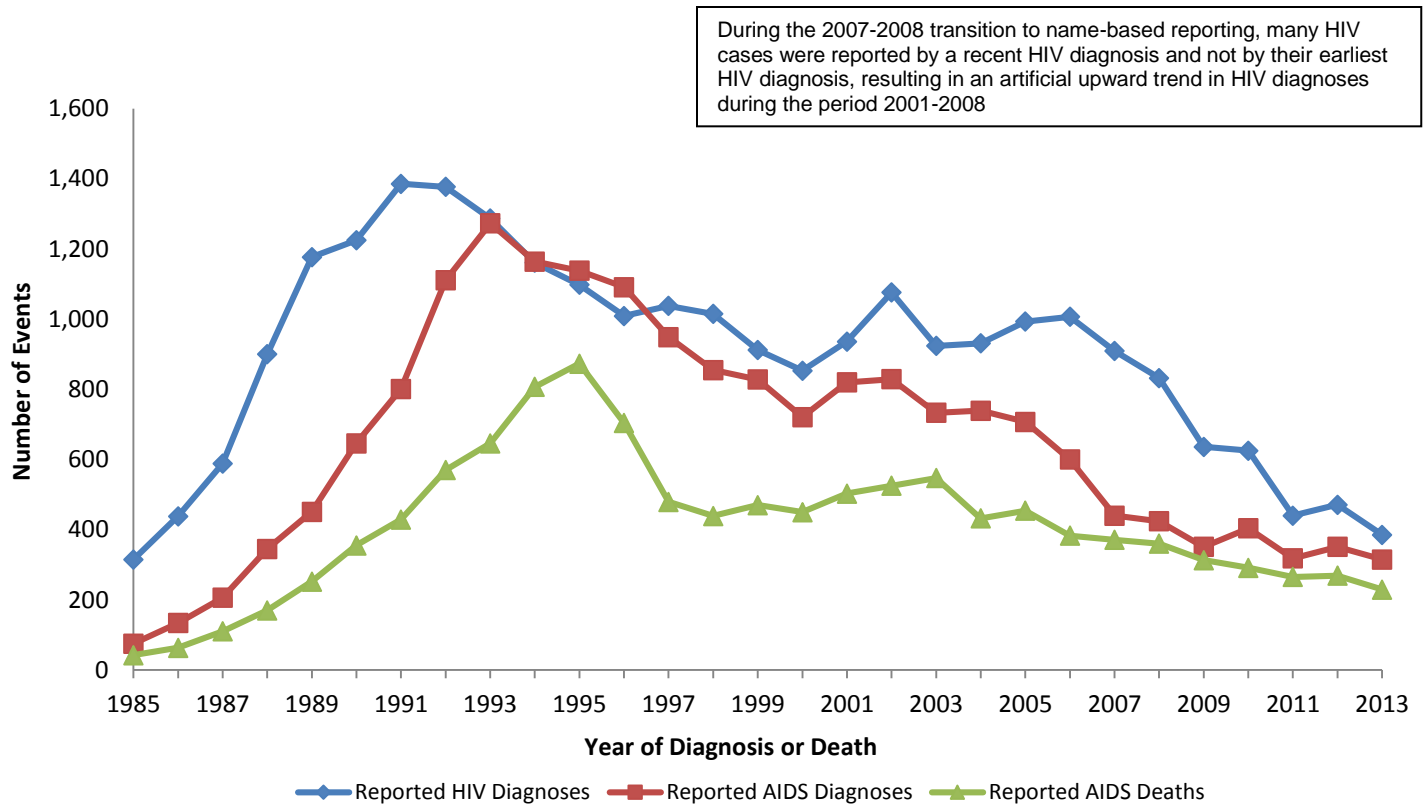
Heterosexual Exposure (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or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

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

Section II – Trends 1985-2013

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2013, Reported through 12/31/2014

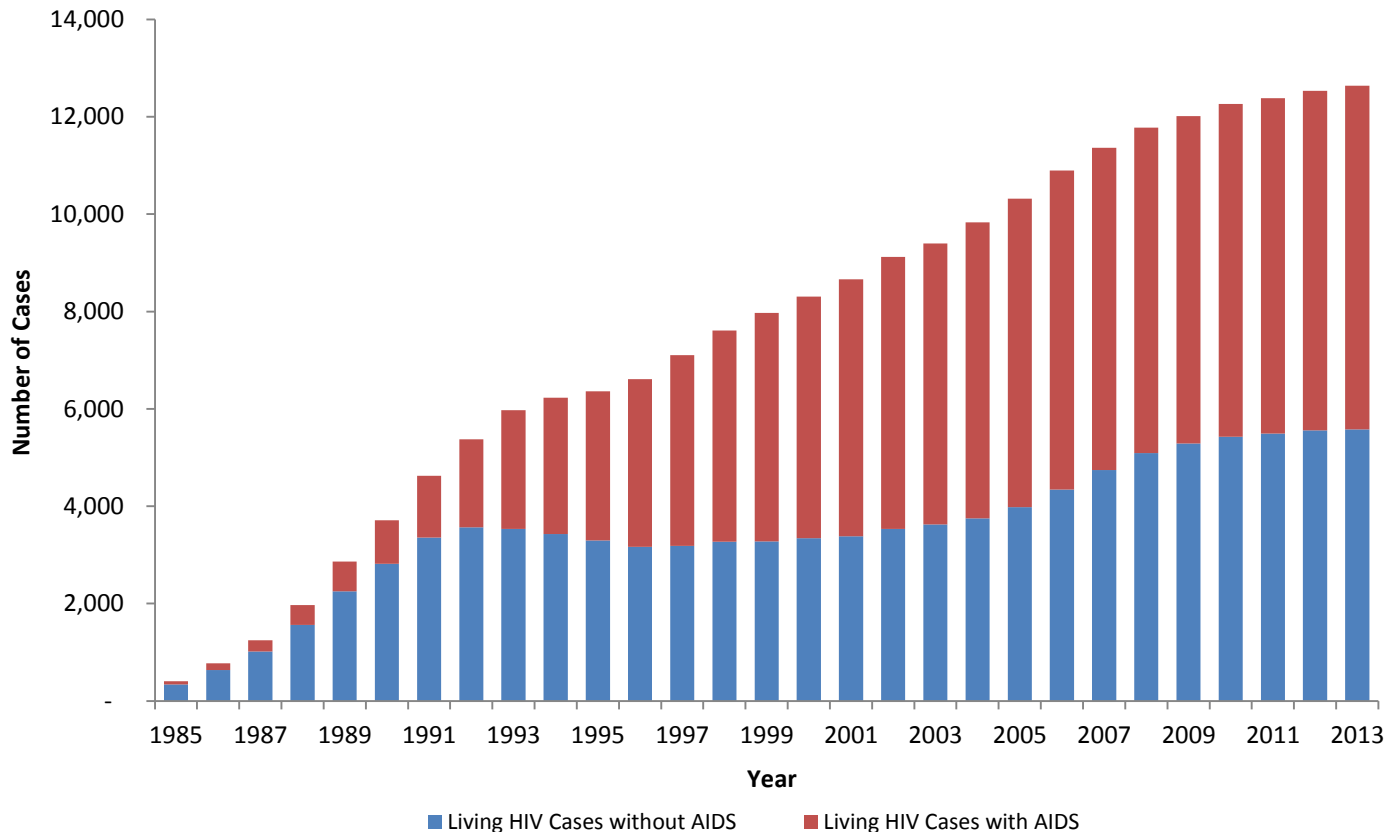
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnosis) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2013 as Reported through 12/31/2014



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	154	68	25	1999	912	828	470
1985	315	75	42	2000	853	721	450
1986	438	134	63	2001	936	820	503
1987	588	206	110	2002	1,076	829	525
1988	900	345	170	2003	924	733	547
1989	1,177	451	252	2004	931	739	432
1990	1,225	646	355	2005	993	707	454
1991	1,386	801	429	2006	1,007	600	383
1992	1,377	1,111	570	2007	909	440	371
1993	1,287	1,273	646	2008	832	424	360
1994	1,161	1,164	807	2009	636	351	313
1995	1,098	1,138	873	2010	625	404	291
1996	1,009	1,091	704	2011	440	318	265
1997	1,038	949	479	2012	471	351	269
1998	1,015	855	439	2013	385	315	229
				TOTAL	26,098	18,887	11,826

Figure 2 – Trends in Living HIV Cases, 1985-2013, Reported through 12/31/2014

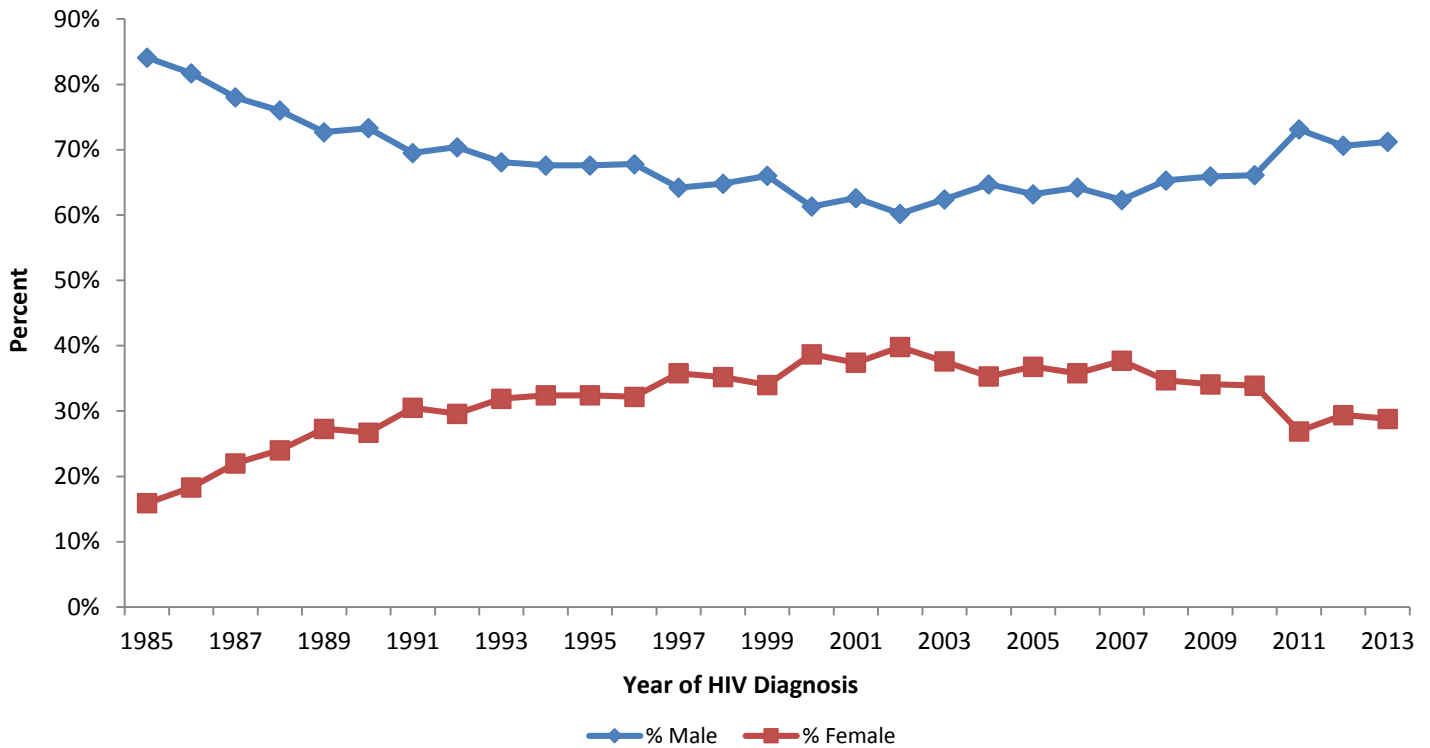
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2013, as Reported through 12/31/2014



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	338	66	404	1999	3,280	4,694	7,974
1986	637	137	774	2000	3,344	4,965	8,309
1987	1,016	233	1,249	2001	3,381	5,282	8,663
1988	1,559	408	1,967	2002	3,533	5,586	9,119
1989	2,253	607	2,860	2003	3,624	5,772	9,396
1990	2,814	898	3,712	2004	3,751	6,079	9,830
1991	3,356	1,270	4,626	2005	3,984	6,332	10,316
1992	3,564	1,812	5,376	2006	4,344	6,550	10,894
1993	3,531	2,439	5,970	2007	4,742	6,620	11,362
1994	3,429	2,797	6,226	2008	5,093	6,685	11,778
1995	3,300	3,062	6,362	2009	5,292	6,723	12,015
1996	3,163	3,450	6,613	2010	5,430	6,836	12,266
1997	3,184	3,920	7,104	2011	5,494	6,889	12,383
1998	3,270	4,336	7,606	2012	5,559	6,971	12,530
				2013	5,581	7,058	12,639

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2013, Reported through 12/31/2014

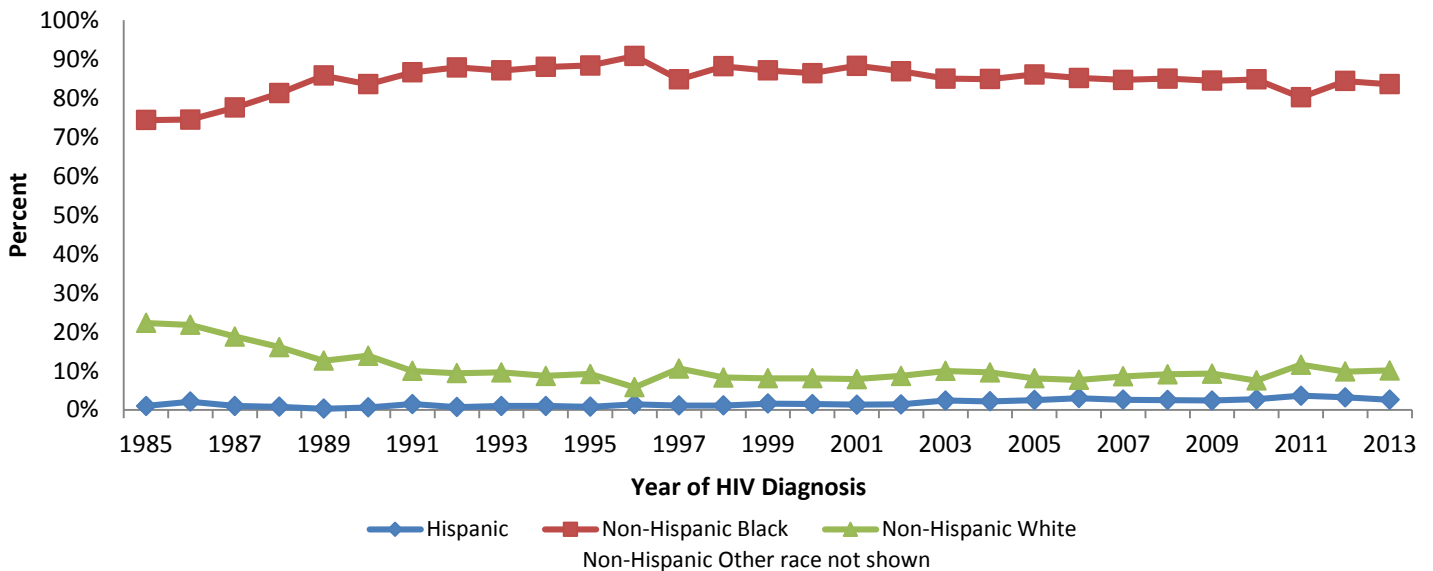
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



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	153	85.6%	14.4%	1999	898	66.0%	34.0%
1985	309	84.1%	15.9%	2000	847	61.3%	38.7%
1986	432	81.7%	18.3%	2001	929	62.6%	37.4%
1987	576	78.0%	22.0%	2002	1,074	60.2%	39.8%
1988	887	76.0%	24.0%	2003	922	62.4%	37.6%
1989	1,157	72.7%	27.3%	2004	929	64.7%	35.3%
1990	1,199	73.3%	26.7%	2005	992	63.2%	36.8%
1991	1,361	69.5%	30.5%	2006	1,006	64.2%	35.8%
1992	1,343	70.4%	29.6%	2007	894	62.3%	37.7%
1993	1,252	68.1%	31.9%	2008	826	65.3%	34.7%
1994	1,138	67.6%	32.4%	2009	633	65.9%	34.1%
1995	1,084	67.6%	32.4%	2010	623	66.1%	33.9%
1996	995	67.8%	32.2%	2011	439	73.1%	26.9%
1997	1,031	64.2%	35.8%	2012	469	70.6%	29.4%
1998	999	64.8%	35.2%	2013	385	71.2%	28.8%
				TOTAL	25,782	67.7%	32.3%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2013, Reported through 12/31/2014

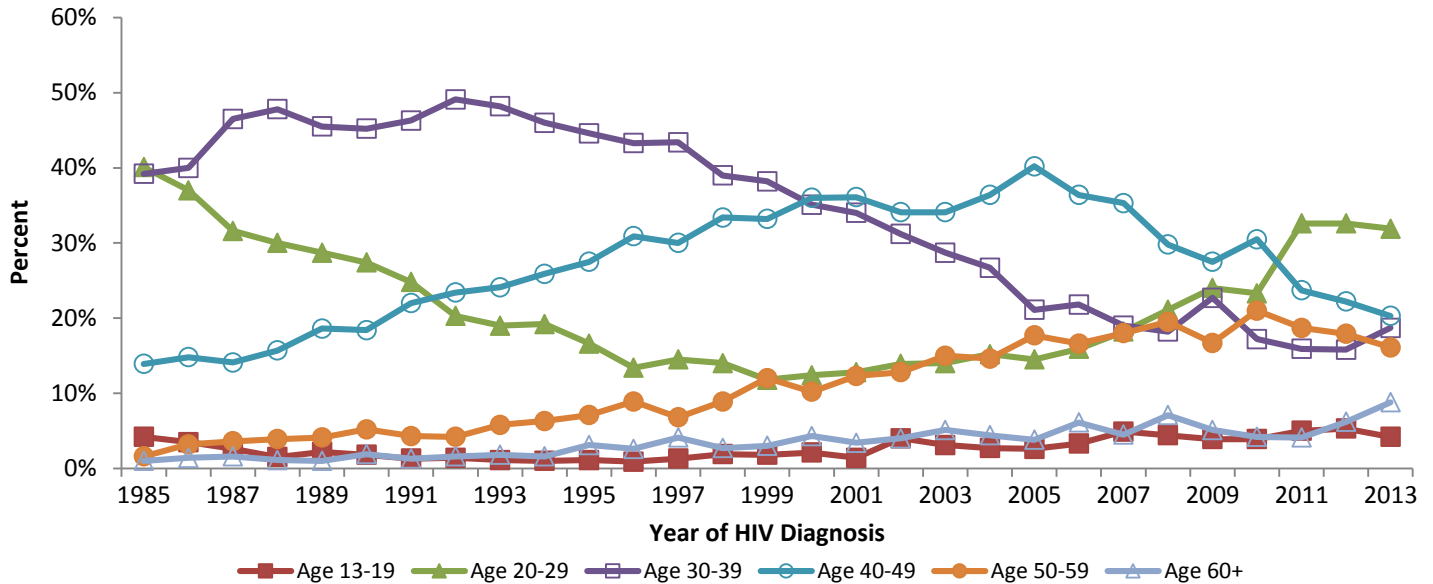
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	153	2.0%	60.1%	36.6%	1.3%
1985	309	1.0%	74.4%	22.3%	2.3%
1986	432	2.1%	74.5%	21.8%	1.6%
1987	576	1.0%	77.6%	18.8%	2.6%
1988	887	0.8%	81.3%	16.1%	1.8%
1989	1,157	0.3%	85.8%	12.6%	1.3%
1990	1,199	0.6%	83.6%	13.9%	1.9%
1991	1,361	1.5%	86.6%	10.0%	1.8%
1992	1,343	0.7%	87.9%	9.4%	2.0%
1993	1,252	1.0%	87.1%	9.6%	2.2%
1994	1,138	1.0%	88.0%	8.7%	2.3%
1995	1,084	0.8%	88.4%	9.2%	1.6%
1996	995	1.4%	90.8%	5.8%	2.0%
1997	1,031	1.1%	84.8%	10.6%	3.6%
1998	999	1.1%	88.2%	8.3%	2.4%
1999	898	1.6%	87.1%	8.1%	3.2%
2000	847	1.5%	86.4%	8.1%	3.9%
2001	929	1.3%	88.3%	7.9%	2.6%
2002	1,074	1.4%	86.9%	8.7%	3.1%
2003	922	2.4%	85.0%	10.0%	2.6%
2004	929	2.2%	84.9%	9.6%	3.3%
2005	992	2.5%	86.1%	8.1%	3.3%
2006	1,006	3.0%	85.2%	7.7%	4.2%
2007	894	2.6%	84.7%	8.6%	4.1%
2008	826	2.5%	85.0%	9.1%	3.4%
2009	633	2.4%	84.5%	9.3%	3.8%
2010	623	2.7%	84.8%	7.5%	5.0%
2011	439	3.6%	80.2%	11.6%	4.6%
2012	469	3.2%	84.4%	9.8%	2.6%
2013	385	2.6%	83.6%	10.1%	3.6%
TOTAL	25,782	1.6%	85.4%	10.3%	2.7%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2013, Reported through 12/31/2014

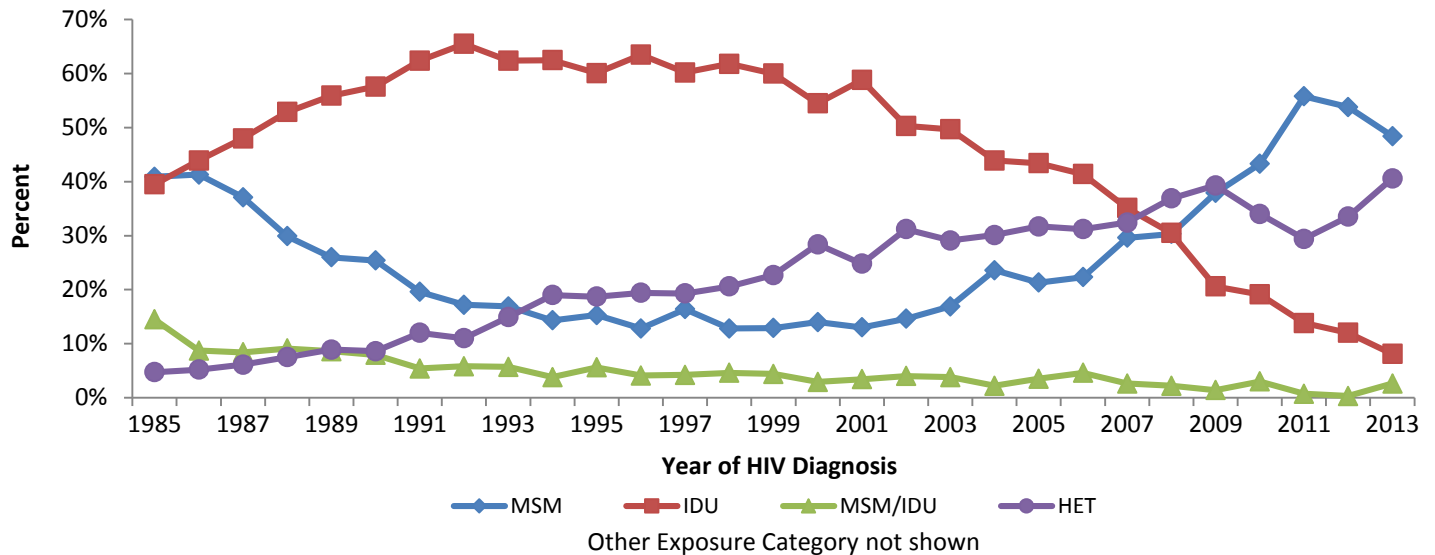
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



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	153	3.9%	44.4%	31.4%	13.7%	5.9%	0.7%
1985	309	4.2%	40.1%	39.2%	13.9%	1.6%	1.0%
1986	432	3.5%	37.0%	40.0%	14.8%	3.2%	1.4%
1987	576	2.6%	31.6%	46.5%	14.1%	3.6%	1.6%
1988	887	1.5%	30.0%	47.8%	15.7%	3.9%	1.1%
1989	1,157	2.2%	28.7%	45.5%	18.6%	4.1%	1.0%
1990	1,199	1.8%	27.4%	45.2%	18.4%	5.2%	1.9%
1991	1,361	1.3%	24.8%	46.3%	22.0%	4.3%	1.3%
1992	1,343	1.4%	20.3%	49.1%	23.4%	4.2%	1.6%
1993	1,252	1.1%	19.0%	48.2%	24.1%	5.8%	1.8%
1994	1,138	1.0%	19.2%	46.0%	25.9%	6.3%	1.6%
1995	1,084	1.1%	16.6%	44.6%	27.5%	7.1%	3.1%
1996	995	0.9%	13.4%	43.3%	30.9%	8.9%	2.6%
1997	1,031	1.3%	14.5%	43.4%	30.0%	6.8%	4.1%
1998	999	1.9%	14.0%	39.0%	33.4%	8.9%	2.7%
1999	898	1.8%	11.8%	38.2%	33.2%	12.0%	3.0%
2000	847	2.1%	12.4%	35.1%	36.0%	10.2%	4.3%
2001	929	1.4%	12.8%	34.0%	36.1%	12.3%	3.4%
2002	1,074	4.0%	13.9%	31.2%	34.1%	12.8%	4.0%
2003	922	3.1%	14.0%	28.7%	34.1%	15.0%	5.1%
2004	929	2.7%	15.2%	26.7%	36.4%	14.6%	4.4%
2005	992	2.6%	14.5%	21.1%	40.2%	17.7%	3.8%
2006	1,006	3.3%	15.9%	21.8%	36.4%	16.6%	6.1%
2007	894	4.9%	18.2%	19.0%	35.3%	18.0%	4.5%
2008	826	4.4%	21.1%	18.2%	29.8%	19.5%	7.1%
2009	633	3.9%	24.0%	22.7%	27.5%	16.7%	5.1%
2010	623	3.9%	23.3%	17.2%	30.5%	21.0%	4.2%
2011	439	5.0%	32.6%	15.9%	23.7%	18.7%	4.1%
2012	469	5.3%	32.6%	15.8%	22.2%	17.9%	6.2%
2013	385	4.2%	31.9%	18.7%	20.3%	16.1%	8.8%
TOTAL	25,782	2.4%	20.3%	36.0%	27.8%	10.2%	3.2%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2013, Reported through 12/31/2014

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 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					% Other Exposure
		No.	% MSM	% IDU	% MSM/IDU	% HET	
<1985	153	149	57.0%	31.5%	8.1%	2.7%	0.7%
1985	309	296	40.9%	39.5%	14.5%	4.7%	0.3%
1986	432	426	41.3%	43.9%	8.7%	5.2%	0.9%
1987	576	561	37.1%	48.0%	8.4%	6.1%	0.5%
1988	887	864	29.9%	52.9%	9.1%	7.5%	0.6%
1989	1,157	1,129	26.0%	55.9%	8.6%	8.9%	0.7%
1990	1,199	1,157	25.4%	57.6%	7.9%	8.6%	0.4%
1991	1,361	1,304	19.6%	62.4%	5.4%	12.0%	0.5%
1992	1,343	1,286	17.2%	65.5%	5.8%	11.0%	0.5%
1993	1,252	1,221	16.9%	62.4%	5.7%	14.9%	0.2%
1994	1,138	1,092	14.3%	62.5%	3.8%	19.0%	0.4%
1995	1,084	1,045	15.3%	60.1%	5.6%	18.7%	0.3%
1996	995	949	12.8%	63.5%	4.1%	19.4%	0.2%
1997	1,031	959	16.4%	60.2%	4.2%	19.3%	0.0%
1998	999	934	12.8%	61.8%	4.6%	20.6%	0.2%
1999	898	827	12.9%	60.0%	4.4%	22.7%	0.0%
2000	847	770	14.0%	54.5%	2.9%	28.4%	0.1%
2001	929	833	13.0%	58.8%	3.4%	24.8%	0.0%
2002	1,074	927	14.6%	50.3%	4.0%	31.2%	0.0%
2003	922	815	16.9%	49.7%	3.8%	29.1%	0.5%
2004	929	811	23.6%	43.9%	2.2%	30.1%	0.2%
2005	992	801	21.3%	43.4%	3.5%	31.7%	0.0%
2006	1,006	734	22.3%	41.4%	4.6%	31.2%	0.4%
2007	894	646	29.6%	35.1%	2.6%	32.4%	0.3%
2008	826	580	30.3%	30.5%	2.2%	36.9%	0.0%
2009	633	354	37.9%	20.6%	1.4%	39.3%	0.8%
2010	623	335	43.3%	19.1%	3.0%	34.0%	0.6%
2011	439	269	55.8%	13.8%	0.7%	29.4%	0.4%
2012	469	325	53.8%	12.0%	0.3%	33.5%	0.3%
2013	385	310	48.4%	8.1%	2.6%	40.6%	0.3%
TOTAL	25,782	22,709	22.3%	51.9%	5.0%	20.4%	0.3%

Section III – Adult/Adolescent Cases by ZIP Code

Table 1 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by ZIP Code, Reported through 12/31/2014

ZIP CODE OF RESIDENCE AT HIV DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late HIV Diagnosis	% Late HIV Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
21201	15,210	17	4.4%	111.8	15	88.2%	7	41.2%	16	94.1%	309
21202	20,775	18	4.7%	86.6	12	66.7%	***	***	11	61.1%	366
21205	12,573	13	3.4%	103.4	8	61.5%	***	***	10	76.9%	273
21206	33,270	23	6.0%	69.1	15	65.2%	5	21.7%	17	73.9%	374
21207	11,898	5	1.3%	42.0	5	100.0%	***	***	5	100.0%	477
21208	1,595	1	0.3%	62.7	***	***	***	***	***	***	***
21209	10,123	4	1.0%	39.5	***	***	***	***	***	***	***
21210	12,035	2	0.5%	16.6	***	***	***	***	***	***	***
21211	15,577	6	1.6%	38.5	***	***	***	***	5	83.3%	643
21212	17,754	7	1.8%	39.4	5	71.4%	***	***	5	71.4%	562
21213	26,656	34	8.8%	127.6	28	82.4%	8	23.5%	30	88.2%	384
21214	17,283	7	1.8%	40.5	7	100.0%	***	***	7	100.0%	78
21215	48,599	36	9.4%	74.1	29	80.6%	15	41.7%	31	86.1%	257
21216	26,626	27	7.0%	101.4	17	63.0%	7	25.9%	18	66.7%	499
21217	30,534	39	10.1%	127.7	26	66.7%	9	23.1%	27	69.2%	346
21218	43,624	34	8.8%	77.9	27	79.4%	11	32.4%	29	85.3%	300
21222	1,585	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21223	21,349	29	7.5%	135.8	22	75.9%	7	24.1%	22	75.9%	471
21224	34,768	13	3.4%	37.4	9	69.2%	***	***	9	69.2%	294
21225	14,329	7	1.8%	48.9	6	85.7%	***	***	6	85.7%	326
21226	2,605	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21227	790	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21228	226	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21229	31,924	29	7.5%	90.8	26	89.7%	8	27.6%	26	89.7%	352
21230	29,082	12	3.1%	41.3	10	83.3%	***	***	9	75.0%	515
21231	13,786	7	1.8%	50.8	6	85.7%	***	***	6	85.7%	331
21234	7,196	2	0.5%	27.8	***	***	***	***	***	***	***
21236	175	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21237	39	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21239	20,190	9	2.3%	44.6	8	88.9%	***	***	8	88.9%	332
21251	933	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	---
Unknown	--	4	1.0%	--	***	***	***	***	***	***	***
TOTAL	523,113	385	100.0%	73.6	296	76.9%	108	28.1%	308	80.0%	346

*** 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.

ZIP Code 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 7/1/2013.

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.

Number Linked to Care: Number 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 calculated from Percent Linked to Care.

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.

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

Percent Late HIV Diagnosis (for HIV diagnoses): Number and 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 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by ZIP Code, Reported through 12/31/2014

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
21201	15,210	11	3.6%	72.3	7.2	45.5%
21202	20,775	14	4.5%	67.4	5.8	35.7%
21205	12,573	14	4.5%	111.3	6.8	28.6%
21206	33,270	15	4.9%	45.1	6.6	33.3%
21207	11,898	5	1.6%	42.0	3.8	20.0%
21208	1,595	0	0.0%	0.0	--	0.0%
21209	10,123	2	0.6%	19.8	***	***
21210	12,035	0	0.0%	0.0	--	0.0%
21211	15,577	6	1.9%	38.5	5.2	16.7%
21212	17,754	6	1.9%	33.8	3.2	33.3%
21213	26,656	26	8.4%	97.5	4.9	30.8%
21214	17,283	5	1.6%	28.9	1.3	60.0%
21215	48,599	34	11.0%	70.0	4.2	44.1%
21216	26,626	19	6.1%	71.4	4.3	47.4%
21217	30,534	30	9.7%	98.3	6.0	30.0%
21218	43,624	26	8.4%	59.6	4.8	42.3%
21222	1,585	0	0.0%	0.0	--	0.0%
21223	21,349	30	9.7%	140.5	5.4	26.7%
21224	34,768	8	2.6%	23.0	4.4	37.5%
21225	14,329	9	2.9%	62.8	3.9	44.4%
21226	2,605	0	0.0%	0.0	--	0.0%
21227	790	0	0.0%	0.0	--	0.0%
21228	226	0	0.0%	0.0	--	0.0%
21229	31,924	21	6.8%	65.8	3.9	42.9%
21230	29,082	11	3.6%	37.8	3.9	45.5%
21231	13,786	6	1.9%	43.5	3.0	50.0%
21234	7,196	3	1.0%	41.7	***	***
21236	175	0	0.0%	0.0	--	0.0%
21237	39	0	0.0%	0.0	--	0.0%
21239	20,190	7	2.3%	34.7	3.8	42.9%
21251	933	0	0.0%	0.0	--	0.0%
Unknown	--	1	0.3%	--	***	***
TOTAL	523,113	309	100.0%	59.1	4.9	37.2%

*** 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.

ZIP Code 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 7/1/2013.

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 12/31/2013, by ZIP Code, Reported through 12/31/2014

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)
21201	15,210	254	4.6%	1,670.0	308	4.4%	2,025.0	562	4.5%	3,695.0	27
21202	20,775	378	6.9%	1,819.5	497	7.1%	2,392.3	875	7.0%	4,211.8	23
21205	12,573	267	4.9%	2,123.5	328	4.7%	2,608.7	595	4.8%	4,732.2	21
21206	33,270	226	4.1%	679.3	303	4.4%	910.7	529	4.3%	1,590.0	62
21207	11,898	136	2.5%	1,143.1	160	2.3%	1,344.8	296	2.4%	2,487.8	40
21208	1,595	7	0.1%	438.9	3	0.0%	188.1	10	0.1%	627.0	159
21209	10,123	33	0.6%	326.0	34	0.5%	335.9	67	0.5%	661.8	151
21210	12,035	22	0.4%	182.8	12	0.2%	99.7	34	0.3%	282.5	353
21211	15,577	59	1.1%	378.8	78	1.1%	500.7	137	1.1%	879.5	113
21212	17,754	125	2.3%	704.1	155	2.2%	873.0	280	2.3%	1,577.1	63
21213	26,656	407	7.4%	1,526.9	531	7.6%	1,992.1	938	7.5%	3,518.9	28
21214	17,283	72	1.3%	416.6	113	1.6%	653.8	185	1.5%	1,070.4	93
21215	48,599	483	8.8%	993.8	640	9.2%	1,316.9	1,123	9.0%	2,310.7	43
21216	26,626	325	5.9%	1,220.6	430	6.2%	1,615.0	755	6.1%	2,835.6	35
21217	30,534	616	11.2%	2,017.4	801	11.5%	2,623.3	1,417	11.4%	4,640.7	21
21218	43,624	566	10.3%	1,297.4	650	9.3%	1,490.0	1,216	9.8%	2,787.4	35
21222	1,585	12	0.2%	757.1	3	0.0%	189.3	15	0.1%	946.4	105
21223	21,349	336	6.1%	1,573.9	484	7.0%	2,267.1	820	6.6%	3,841.0	26
21224	34,768	198	3.6%	569.5	225	3.2%	647.1	423	3.4%	1,216.6	82
21225	14,329	113	2.1%	788.6	157	2.3%	1,095.7	270	2.2%	1,884.3	53
21226	2,605	12	0.2%	460.6	21	0.3%	806.1	33	0.3%	1,266.7	78
21227	790	***	***	***	***	***	***	***	***	***	***
21228	226	***	***	***	***	***	***	***	***	***	***
21229	31,924	284	5.2%	889.6	370	5.3%	1,159.0	654	5.3%	2,048.6	48
21230	29,082	167	3.0%	574.2	192	2.8%	660.2	359	2.9%	1,234.4	81
21231	13,786	112	2.0%	812.4	164	2.4%	1,189.6	276	2.2%	2,002.1	49
21234	7,196	18	0.3%	250.1	45	0.6%	625.3	63	0.5%	875.5	114
21236	175	***	***	***	***	***	***	***	***	***	***
21237	39	***	***	***	***	***	***	***	***	***	***
21239	20,190	129	2.4%	638.9	171	2.5%	846.9	300	2.4%	1,485.9	67
21251	933	***	***	***	***	***	***	***	***	***	***
Unknown	--	71	0.0%	--	62	0.0%	--	133	0.0%	--	--
TOTAL	523,113	5,483	100.0%	1,048.1	6,952	100.0%	1,329.0	12,435	100.0%	2,377.1	42

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

ZIP Code 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 7/1/2013.
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 12/31/2013, by ZIP Code, Reported through 12/31/2014

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+
21201	562	316	56.2%	523	13.0%	12.7%	20.6%	53.8%
21202	875	497	56.8%	500	14.9%	17.5%	17.5%	50.1%
21205	595	370	62.2%	534	11.9%	14.1%	18.9%	55.1%
21206	529	352	66.5%	516	13.1%	16.8%	18.8%	51.4%
21207	296	175	59.1%	562	12.6%	15.4%	14.9%	57.1%
21208	10	6	60.0%	785	0.0%	0.0%	0.0%	100.0%
21209	67	38	56.7%	540	7.9%	18.4%	23.7%	50.0%
21210	34	23	67.6%	525	4.3%	13.0%	30.4%	52.2%
21211	137	87	63.5%	563	8.0%	18.4%	16.1%	57.5%
21212	280	172	61.4%	524	12.8%	14.5%	19.8%	52.9%
21213	938	618	65.9%	486	14.9%	17.0%	20.2%	47.9%
21214	185	134	72.4%	520	14.9%	12.7%	15.7%	56.7%
21215	1,123	707	63.0%	498	15.1%	17.1%	18.0%	49.8%
21216	755	459	60.8%	486	14.8%	17.0%	20.5%	47.7%
21217	1,417	886	62.5%	501	15.9%	16.5%	17.4%	50.2%
21218	1,216	759	62.4%	521	11.7%	16.2%	19.2%	52.8%
21222	15	7	46.7%	601	0.0%	28.6%	0.0%	71.4%
21223	820	542	66.1%	477	14.4%	17.3%	20.8%	47.4%
21224	423	274	64.8%	545	10.9%	13.9%	17.9%	57.3%
21225	270	178	65.9%	457	16.3%	19.1%	20.8%	43.8%
21226	33	17	51.5%	482	5.9%	17.6%	29.4%	47.1%
21227	***	***	***	***	***	***	***	***
21228	***	***	***	***	***	***	***	***
21229	654	451	69.0%	507	14.6%	15.3%	18.2%	51.9%
21230	359	236	65.7%	532	9.7%	16.9%	18.2%	55.1%
21231	276	172	62.3%	499	13.4%	15.7%	20.9%	50.0%
21234	63	40	63.5%	539	12.5%	15.0%	17.5%	55.0%
21236	***	***	***	***	***	***	***	***
21237	***	***	***	***	***	***	***	***
21239	300	188	62.7%	600	11.7%	13.3%	15.4%	59.6%
21251	***	***	***	***	***	***	***	***
Unknown	133	58	43.6%	546	10.8%	23.4%	11.4%	54.4%
TOTAL	12,435	7,792	62.7%	510	13.6%	16.2%	18.7%	51.5%

*** 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.

ZIP Code 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 12/31/2013, by ZIP Code, Reported through 12/31/2014

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
21201	562	287	51.1%	70.7%	21,102
21202	875	397	45.4%	64.0%	14,796
21205	595	272	45.7%	65.8%	6,806
21206	529	294	55.6%	66.0%	11,115
21207	296	155	52.4%	68.4%	8,390
21208	10	5	50.0%	80.0%	2,410
21209	67	30	44.8%	73.3%	16,284
21210	34	19	55.9%	78.9%	20,850
21211	137	78	56.9%	76.9%	9,075
21212	280	153	54.6%	75.2%	3,525
21213	938	496	52.9%	65.1%	11,436
21214	185	106	57.3%	69.8%	1,781
21215	1,123	588	52.4%	66.7%	7,022
21216	755	381	50.5%	58.0%	9,902
21217	1,417	758	53.5%	66.8%	10,157
21218	1,216	610	50.2%	69.0%	10,877
21222	15	6	40.0%	83.3%	301
21223	820	442	53.9%	63.3%	6,156
21224	423	211	49.9%	70.1%	12,412
21225	270	150	55.6%	62.0%	6,967
21226	33	9	27.3%	66.7%	24,572
21227	***	***	***	***	***
21228	***	***	***	***	***
21229	654	397	60.7%	69.5%	12,541
21230	359	198	55.2%	66.7%	12,226
21231	276	134	48.6%	70.9%	7,881
21234	63	30	47.6%	63.3%	19,780
21236	***	***	***	***	***
21237	24	8	33.3%	87.5%	295
21239	***	***	***	***	***
21251	***	***	***	***	***
Unknown	133	51	38.3%	64.7%	49,794
TOTAL	12,435	6,446	51.8%	67.0%	9,830

*** 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.

ZIP Code 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.

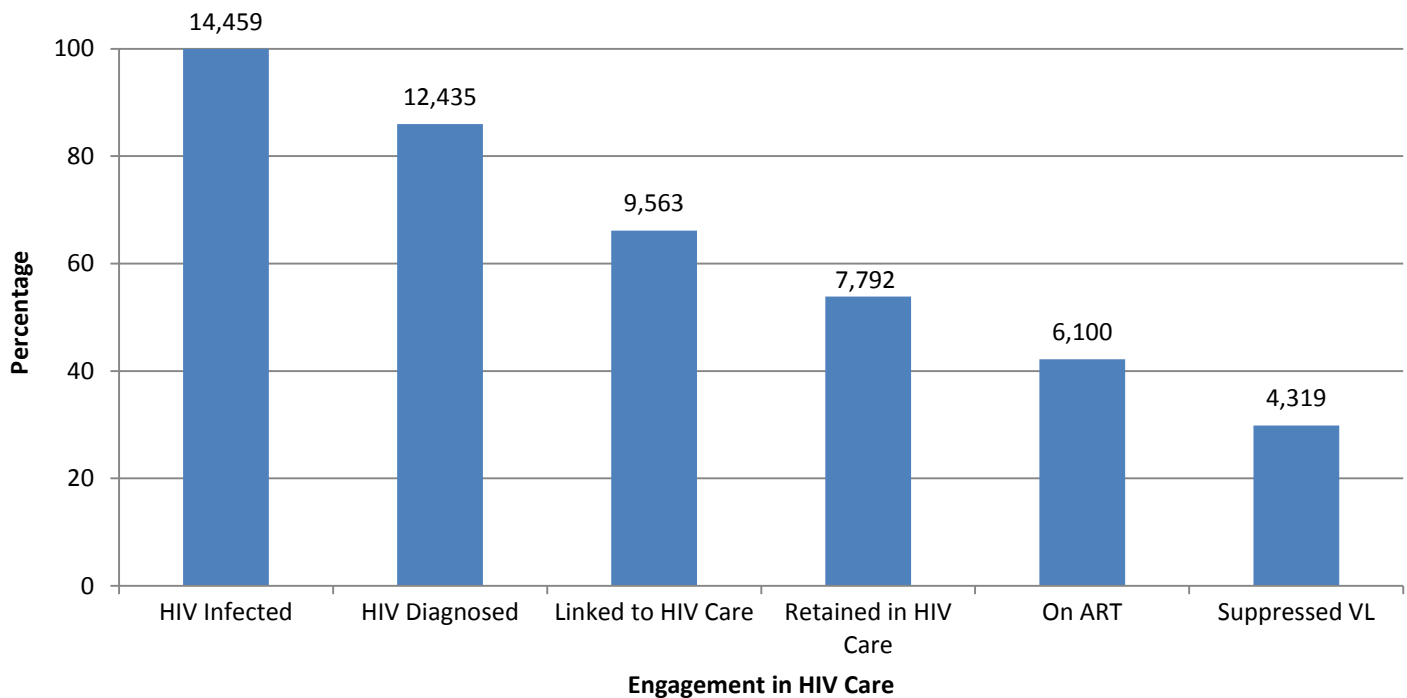
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

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 200 copies per milliliter or greater.

Figure 7 – Estimated Adult/Adolescent 2013 HIV Continuum of Care, Reported through 12/31/2014

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 (14%) 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.

Estimated Number and Percentage of HIV Infected Adults Engaged in Selected Stages of the Continuum of Care



Continuum of Care Stage	Number	Percentage
HIV Infected	14,459	100.0%
HIV Diagnosed	12,435	86.0%
Linked to HIV Care	9,563	66.1%
Retained in HIV Care	7,792	53.9%
On ART	6,100	42.2%
Suppressed VL	4,319	29.9%

HIV Infected: HIV Diagnosed divided by one minus the national estimate of undiagnosed HIV infections (14%).

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 200 copies per milliliter.

Section IV – Cases by Age

Table 6 – HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2014

AGE AT HIV DIAGNOSIS	Population	Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late Diagnosis	% Late Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
<5 (Pediatric)	41,692	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
5-12 (Pediatric)	57,299	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
13-19	50,482	16	4.2%	31.7	15	93.8%	6	37.5%	16	100.0%	325
20-29	113,226	123	31.9%	108.6	95	77.2%	20	16.3%	97	78.9%	381
30-39	89,842	72	18.7%	80.1	59	81.9%	25	34.7%	63	87.5%	313
40-49	75,762	78	20.3%	103.0	56	71.8%	23	29.5%	58	74.4%	258
50-59	83,891	62	16.1%	73.9	43	69.4%	21	33.9%	46	74.2%	330
60+	109,910	34	8.8%	30.9	28	82.4%	13	38.2%	28	82.4%	352
TOTAL	622,104	385	100.0%	61.9	296	76.9%	108	28.1%	308	80.0%	346

Table 7 – AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2014

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	41,692	0	0.0%	0.0	--	0.0%
5-12 (Pediatric)	57,299	0	0.0%	0.0	--	0.0%
13-19	50,482	10	3.2%	19.8	4.0	70.0%
20-29	113,226	55	17.5%	48.6	4.1	43.6%
30-39	89,842	62	19.7%	69.0	4.1	37.1%
40-49	75,762	71	22.5%	93.7	5.7	28.2%
50-59	83,891	83	26.3%	98.9	6.5	31.3%
60+	109,910	34	10.8%	30.9	4.9	44.1%
TOTAL	622,104	315	100.0%	50.6	5.2	36.5%

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

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

Population: Population estimate for 7/1/2013.

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.

Number Linked to Care: Number 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 calculated from Percent Linked to Care.

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.

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

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 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014

AGE ON 12/31/2013	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)	41,692	5	0.1%	12.0	0	0.0%	0.0	5	0.0%	12.0	8,338
5-12 (Pediatric)	57,299	16	0.3%	27.9	3	0.0%	5.2	19	0.2%	33.2	3,015
13-19	50,482	58	1.0%	114.9	37	0.5%	73.3	95	0.8%	188.2	531
20-29	113,226	769	13.8%	679.2	395	5.6%	348.9	1,164	9.2%	1,028.0	97
30-39	89,842	960	17.2%	1,068.5	742	10.5%	825.9	1,702	13.5%	1,894.4	52
40-49	75,762	1,484	26.6%	1,958.8	1,938	27.5%	2,558.0	3,422	27.1%	4,516.8	22
50-59	83,891	1,604	28.7%	1,912.0	2,795	39.6%	3,331.7	4,399	34.8%	5,243.7	19
60+	109,910	685	12.3%	623.2	1,148	16.3%	1,044.5	1,833	14.5%	1,667.7	59
TOTAL	622,104	5,581	100.0%	897.1	7,058	100.0%	1,134.5	12,639	100.0%	2,031.7	49

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

Population: Population estimate for 7/1/2013.

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 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014

AGE ON 12/31/2013	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
13-19	38	24	63.2%	470	4.2%	37.5%	12.5%	45.8%
20-29	1,044	702	67.2%	501	10.8%	18.1%	20.9%	50.1%
30-39	1,699	1,062	62.5%	528	13.2%	13.7%	19.7%	53.5%
40-49	3,422	2,087	61.0%	494	15.6%	16.1%	18.8%	49.5%
50-59	4,399	2,827	64.3%	520	13.9%	16.1%	17.7%	52.4%
60+	1,833	1,090	59.5%	512	11.4%	17.8%	19.0%	51.8%
TOTAL	12,435	7,792	62.7%	510	13.6%	16.2%	18.7%	51.5%

Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014

AGE ON 12/31/2013	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
13-19	38	30	78.9%	36.7%	5,852
20-29	1,044	623	59.7%	47.8%	10,985
30-39	1,699	906	53.3%	62.8%	11,420
40-49	3,422	1,760	51.4%	65.7%	11,348
50-59	4,399	2,288	52.0%	71.5%	9,446
60+	1,833	839	45.8%	77.1%	3,833
TOTAL	12,435	6,446	51.8%	67.0%	9,830

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 200 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 200 copies per milliliter or greater.

Section V – Adult/Adolescent Cases by Demographics

Table 11 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2014

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
Male	242,906	274	71.2%	112.8	208	75.9%	69	25.2%	215	78.5%	333
Female	280,207	111	28.8%	39.6	88	79.3%	39	35.1%	93	83.8%	367
TOTAL	523,113	385	100.0%	73.6	296	76.9%	108	28.1%	308	80.0%	346

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
Hispanic	21,256	10	2.6%	47.0	8	80.0%	***	***	9	90.0%	364
Non-Hispanic	501,856	375	97.4%	74.7	288	76.8%	106	28.3%	299	79.7%	346
American Indian/Alaska Native, only	1,528	1	0.3%	65.5	***	***	***	***	***	***	***
Asian, only	13,946	2	0.5%	14.3	***	***	***	***	***	***	***
Black, only	321,946	322	83.7%	100.0	242	75.2%	86	26.7%	252	78.3%	343
Native Hawaiian/Other Pacific Islander, only	214	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
White, only	157,117	39	10.1%	24.8	33	84.6%	12	30.8%	34	87.2%	406
Multiracial/Other	7,105	11	2.8%	154.8	10	90.9%	6	54.5%	10	90.9%	451
TOTAL	523,113	385	100.0%	73.6	296	76.9%	108	28.1%	308	80.0%	346

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
United States	478,977	340	88.3%	71.0	259	76.2%	92	27.1%	270	79.4%	352
Foreign-born	43,783	4	1.0%	9.1	***	***	***	***	***	***	***
Africa	--	1	0.25%	--	***	***	***	***	***	***	***
Asia	--	2	0.5%	--	***	***	***	***	***	***	***
Caribbean	--	0	0.0%	--	0	0.0%	0	0.0%	0	0.0%	--
Central America	--	0	0.0%	--	0	0.0%	0	0.0%	0	0.0%	--
Other	--	1	0.25%	--	***	***	***	***	***	***	***
Unknown	--	41	10.6%	--	33	80.5%	14	34.1%	34	82.9%	320
TOTAL	522,760	385	100.0%	73.6	296	76.9%	108	28.1%	308	80.0%	346

* Population data by sex at birth, age, and race/ethnicity are from the 2013 U.S. Census population estimates

** Population data by country of birth are from the 2013 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 7/1/2013.

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.

Number Linked to Care: Number 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 calculated from Percent Linked to Care.

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.

Number of Late HIV Diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late 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 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2014

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	242,906	188	60.8%	77.4	4.5	38.8%
Female	280,207	121	39.2%	43.2	5.5	34.7%
TOTAL	523,113	309	100.0%	59.1	4.9	37.2%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	21,256	9	2.9%	42.3	7.3	22.2%
Non-Hispanic	501,856	300	97.1%	59.8	4.8	37.7%
American Indian/Alaska Native, only	1,528	1	0.3%	65.5	***	***
Asian, only	13,946	1	0.3%	7.2	***	***
Black, only	321,946	254	82.2%	78.9	5.1	35.0%
Native Hawaiian/Other Pacific Islander, only	214	0	0.0%	0.0	--	0.0%
White, only	157,117	29	9.4%	18.5	2.7	55.2%
Multiracial/Other	7,105	15	4.9%	211.1	4.1	40.0%
TOTAL	523,113	309	100.0%	59.1	4.9	37.2%

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	478,977	290	93.9%	60.5	5.1	34.8%
Foreign-born	43,783	4	1.3%	9.1	2.6	50.0%
Africa	--	1	0.3%	--	***	***
Asia	--	1	0.3%	--	***	***
Caribbean	--	0	0.0%	--	--	0.0%
Central America	--	0	0.0%	--	--	0.0%
Other	--	2	0.7%	--	***	***
Unknown	--	15	4.9%	--	0.6	80.0%
TOTAL	522,760	309	100.0%	59.1	4.9	37.2%

* Population data by sex at birth, age, and race/ethnicity are from the 2013 U.S. Census population estimates

** Population data by country of birth are from the 2013 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 7/1/2013.

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 12/31/2013 and Reported through 12/31/2014

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	242,906	3,516	64.1%	1,447.5	4,356	62.7%	1,793.3	7,872	63.3%	3,240.8	30
Female	280,207	1,967	35.9%	702.0	2,596	37.3%	926.5	4,563	36.7%	1,628.4	61
TOTAL	523,113	5,483	100.0%	1,048.1	6,952	100.0%	1,329.0	12,435	100.0%	2,377.1	42

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	21,256	108	2.0%	508.1	179	2.6%	842.1	287	2.3%	1,350.2	74
Non-Hispanic	501,856	5,375	98.0%	1,071.0	6,773	97.4%	1,349.6	12,148	97.7%	2,420.6	41
American Indian/Alaska Native, only	1,528	***	***	***	***	***	***	***	***	***	***
Asian, only	13,946	17	0.3%	121.9	8	0.1%	57.4	25	0.2%	179.3	557
Black, only	321,946	4,601	83.9%	1,429.1	5,833	83.9%	1,811.8	10,434	83.9%	3,240.9	30
Native Hawaiian/Other Pacific Islander, only	214	***	***	***	***	***	***	***	***	***	***
White, only	157,117	606	11.1%	385.7	655	9.4%	416.9	1,261	10.2%	802.6	124
Multiracial/Other	7,105	142	2.5%	1,998.6	272	3.9%	3,828.4	414	3.3%	5,827.0	17
TOTAL	523,113	5,483	100.0%	1,048.1	6,952	100.0%	1,329.0	12,435	100.0%	2,377.1	42

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	478,977	5,257	95.9%	1,097.5	6,746	97.0%	1,408.4	12,003	96.5%	2,506.0	39
Foreign-born	43,783	51	0.9%	116.5	127	1.8%	290.1	178	1.4%	406.6	245
Africa	--	66	0.3%	--	163	0.9%	--	229	0.6%	--	--
Asia	--	12	0.1%	--	22	0.1%	--	34	0.1%	--	--
Caribbean	--	17	0.1%	--	31	0.2%	--	48	0.2%	--	--
Central America	--	24	0.2%	--	63	0.4%	--	87	0.3%	--	--
Other	--	26	0.2%	--	36	0.2%	--	62	0.2%	--	--
Unknown	--	175	3.2%	--	79	1.1%	--	254	2.0%	--	--
TOTAL	522,760	5,483	100.0%	1,048.9	6,952	100.0%	1,329.9	12,435	100.0%	2,378.7	42

* Population data by sex at birth, age, and race/ethnicity are from the 2013 U.S. Census population estimates

** Population data by country of birth are from the 2013 American Community Survey

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

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2013.

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 12/31/2013 and Reported through 12/31/2014

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	7,872	4,704	59.8%	492	13.5%	17.6%	20.2%	48.8%
Female	4,563	3,088	67.7%	550	13.8%	14.2%	16.5%	55.5%
TOTAL	12,435	7,792	62.7%	510	13.6%	16.2%	18.7%	51.5%

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	287	170	59.2%	464	13.5%	19.4%	18.8%	48.2%
Non-Hispanic	12,148	7,622	62.7%	511	13.6%	16.2%	18.7%	51.5%
American Indian/Alaska Native, only	***	***	***	***	***	***	***	***
Asian, only	25	16	64.0%	485	0.0%	18.8%	43.8%	37.5%
Black, only	10,434	6,595	63.2%	508	14.0%	16.1%	18.7%	51.2%
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***	***	***	***
White, only	1,261	682	54.1%	553	10.6%	14.8%	17.6%	57.0%
Multiracial/Other	414	323	78.0%	493	13.3%	18.9%	20.1%	47.7%
TOTAL	12,435	7,792	62.7%	510	13.6%	16.2%	18.7%	51.5%

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	12,003	7,520	62.7%	511	13.6%	16.3%	18.6%	51.6%
Foreign-born	178	97	54.5%	472	14.4%	12.4%	24.7%	48.5%
Africa	82	51	62.2%	487	17.6%	11.8%	21.6%	49.0%
Asia	11	***	***	***	***	***	***	***
Caribbean	20	***	***	***	***	***	***	***
Central America	37	18	48.6%	429	16.7%	16.7%	22.2%	44.4%
Other	28	13	46.4%	695	15.4%	7.7%	7.7%	69.2%
Unknown	254	175	68.9%	482	14.3%	16.6%	20.6%	48.6%
TOTAL	12,435	7,792	62.7%	510	13.6%	16.2%	18.7%	51.5%

*** 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.

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 12/31/2013 and Reported through 12/31/2014

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	7,872	3,874	49.2%	68.1%	10,151
Female	4,563	2,572	56.4%	65.4%	8,902
TOTAL	12,435	6,446	51.8%	67.0%	9,830

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	287	147	51.2%	68.7%	4,730
Non-Hispanic	12,148	6,299	51.9%	66.9%	9,878
American Indian/Alaska Native, only	***	***	***	***	***
Asian, only	25	14	56.0%	78.6%	77,760
Black, only	10,434	5,465	52.4%	65.6%	9,484
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***
White, only	1,261	558	44.3%	78.7%	18,980
Multiracial/Other	414	256	61.8%	69.9%	12,060
TOTAL	12,435	6,446	51.8%	67.0%	9,830

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	12,003	6,206	51.7%	67.0%	9,802
Foreign-born	178	80	44.9%	67.5%	12,002
Africa	82	40	48.8%	65.0%	49,963
Asia	11	***	***	***	***
Caribbean	20	***	***	***	***
Central America	37	15	40.5%	60.0%	1,315
Other	28	11	39.3%	90.9%	1,250
Unknown	254	160	63.0%	65.0%	11,474
TOTAL	12,435	6,446	51.8%	67.0%	9,830

*** 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.

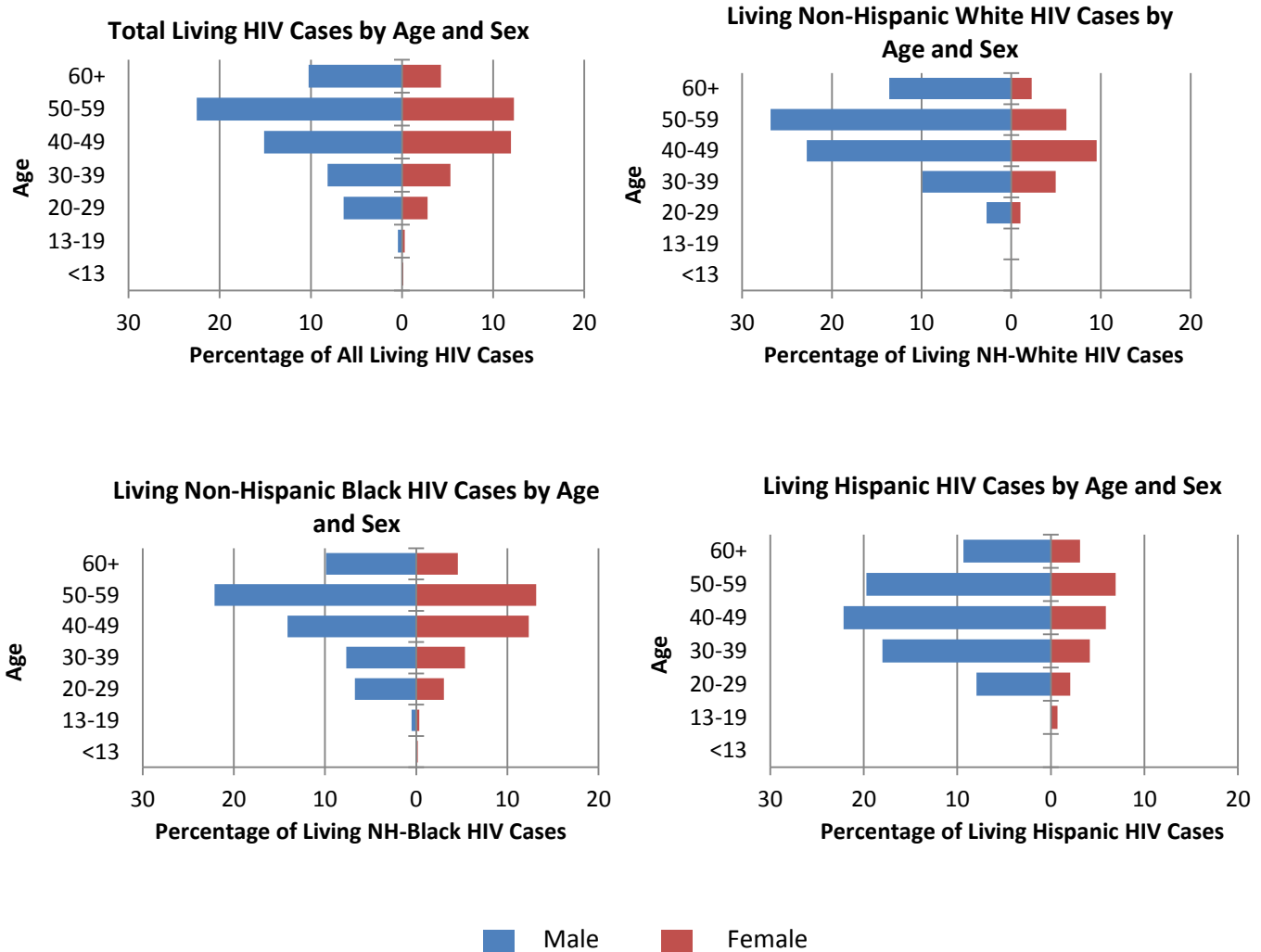
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

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 200 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 200 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 12/31/2013 and Reported through 12/31/2014



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 12/31/2013 and Reported through 12/31/2014

MALES						
AGE ON 12/31/2013		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	3,785	34,166	9,843	2,757	50,551
	Cases	0	5	1	0	6
	Rate	0.0	14.6	10.2	0.0	11.9
	Ratio (1 in X)	--	6,833	9,843	--	8,425
13-19	Population	1,213	18,160	4,526	2,757	26,656
	Cases	0	54	1	1	56
	Rate	0.0	297.4	22.1	36.3	210.1
	Ratio (1 in X)	--	336	4,526	2,757	476
20-29	Population	3,327	29,780	17,291	3,288	53,686
	Cases	23	713	35	37	808
	Rate	691.3	2,394.2	202.4	1,125.3	1,505.0
	Ratio (1 in X)	144	41	494	88	66
30-39	Population	3,550	20,994	15,917	2,610	43,071
	Cases	52	815	126	40	1,033
	Rate	1,464.8	3,882.1	791.6	1,532.6	2,398.4
	Ratio (1 in X)	68	25	126	65	41
40-49	Population	1,988	22,301	10,815	1,377	36,481
	Cases	64	1498	290	60	1,912
	Rate	3,219.3	6,717.2	2,681.5	4,357.3	5,241.1
	Ratio (1 in X)	31	14	37	22	19
50-59	Population	1,048	25,249	11,598	1,124	39,019
	Cases	***	2347	341	***	2,846
	Rate	***	9,295.4	2,940.2	***	7,293.9
	Ratio (1 in X)	***	10	34	***	13
60+	Population	786	26,735	16,841	1,119	45,481
	Cases	***	1051	173	***	1,295
	Rate	***	3,931.2	1,027.3	***	2,847.3
	Ratio (1 in X)	***	25	97	***	35
TOTAL MALES BY RACE/ETHNICITY	Population	15,697	177,385	86,831	15,032	294,945
	Cases	223	6,483	967	283	7,956
	Rate	1,420.7	3,654.8	1,113.7	1,882.7	2,697.5
	Ratio (1 in X)	70	27	89	53	37

*** Data withheld due to low population 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 7/1/2013.

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 12/31/2013 and Reported through 12/31/2014

FEMALES						
AGE ON 12/31/2013		RACE/ETHNICITY				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	3,399	33,088	9,216	2,737	48,440
	Cases	0	17	0	1	18
	Rate	0.0	51.4	0.0	36.5	37.2
	Ratio (1 in X)	--	1,946	--	2,737	2,691
13-19	Population	1,050	18,252	4,701	1,311	25,314
	Cases	2	37	0	0	39
	Rate	190.4	202.7	0.0	0.0	154.1
	Ratio (1 in X)	525	493	--	--	649
20-29	Population	2,679	34,064	19,098	3,699	59,540
	Cases	6	322	13	15	356
	Rate	224.0	945.3	68.1	405.5	597.9
	Ratio (1 in X)	446	105	1,469	246	167
30-39	Population	2,598	26,288	14,978	2,907	46,771
	Cases	12	566	63	28	669
	Rate	461.9	2,153.1	420.6	963.2	1,430.4
	Ratio (1 in X)	216	46	237	103	69
40-49	Population	1,383	26,643	9,826	1,429	39,281
	Cases	17	1,312	121	60	1,510
	Rate	1,229.2	4,924.4	1,231.4	4,198.7	3,844.1
	Ratio (1 in X)	81	20	81	23	26
50-59	Population	836	31,672	11,182	1,182	44,872
	Cases	***	1,396	78	***	1,553
	Rate	***	4,407.7	697.5	***	3,461.0
	Ratio (1 in X)	***	22	143	***	28
60+	Population	798	41,809	20,344	1,478	64,429
	Cases	***	486	29	***	538
	Rate	***	1,162.4	142.5	***	835.0
	Ratio (1 in X)	***	86	701	***	119
TOTAL FEMALES BY RACE/ ETHNICITY	Population	12,743	211,816	89,345	14,743	328,647
	Cases	66	4,136	304	177	4,683
	Rate	517.9	1,952.6	340.3	1,200.6	1,424.9
	Ratio (1 in X)	193	51	293	83	70

*** Data withheld due to low population 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 7/1/2013.

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 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	311	100.0%	243	78.1%	87	28.0%	81.0%	335
Men who have Sex with Men (MSM)	150	48.2%	126	84.0%	35	23.3%	87.3%	366
Injection Drug Users (IDU)	25	8.0%	14	56.0%	6	24.0%	60.0%	493
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	126	40.5%	96	76.2%	44	34.9%	79.4%	298
Other Exposures	***	***	***	***	***	***	***	***
No Reported Exposure	74		53	71.6%	21	28.4%	75.7%	393
TOTAL	385		296	76.9%	108	28.1%	80.0%	346

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	234	100.0%	180	76.9%	57	24.4%	80.3%	333
Men who have Sex with Men (MSM)	150	64.1%	126	84.0%	35	23.3%	87.3%	366
Injection Drug Users (IDU)	14	6.0%	7	50.0%	***	***	42.9%	465
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	61	26.1%	41	67.2%	17	27.9%	73.8%	291
Other Exposures	***	***	***	***	***	***	***	***
No Reported Exposure	40		28	70.0%	12	30.0%	67.5%	388
TOTAL	274		208	75.9%	69	25.2%	78.5%	333

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	77	100.0%	63	81.8%	30	39.0%	83.1%	356
Injection Drug Users (IDU)	11	14.3%	7	63.6%	***	***	81.8%	513
Heterosexual Exposure (HET)	65	84.4%	55	84.6%	27	41.5%	84.6%	345
Other Exposures	1	1.3%	1	100.0%	***	***	0.0%	--
No Reported Exposure*	34		25	73.5%	9	26.5%	85.3%	419
TOTAL	111		88	79.3%	39	35.1%	83.8%	367

* Includes 5 HIV cases with Presumed Female Heterosexual exposure

*** 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.

Number Linked to Care: Number 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 calculated from Percent Linked to Care.

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.

Number of Late HIV Diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late 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 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	240	100.0%	5.0	38.8%
Men who have Sex with Men (MSM)	73	30.4%	3.3	46.6%
Injection Drug Users (IDU)	64	26.7%	8.5	17.2%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	5	2.1%	7.5	20.0%
Heterosexual Exposure (HET)	97	40.4%	3.9	47.4%
Other Exposures	1	0.4%	0.0	100.0%
No Reported Exposure	69		4.5	31.9%
TOTAL	309		4.9	37.2%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	150	100.0%	4.5	40.7%
Men who have Sex with Men (MSM)	73	48.7%	3.3	46.6%
Injection Drug Users (IDU)	34	22.7%	7.8	17.6%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	5	3.3%	7.5	20.0%
Heterosexual Exposure (HET)	37	24.7%	3.7	51.4%
Other Exposures	1	0.7%	0.0	100.0%
No Reported Exposure	38		4.2	31.6%
TOTAL	188		4.5	38.8%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	90	100.0%	5.7	35.6%
Injection Drug Users (IDU)	30	33.3%	9.2	16.7%
Heterosexual Exposure (HET)	60	66.7%	4.0	45.0%
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure*	31		4.8	32.3%
TOTAL	121		5.5	34.7%

* Includes 6 AIDS cases with Presumed Female Heterosexual exposure

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 12/31/2013 and Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	3,984	100.0%	6,235	100.0%	10,219	100.0%
Men who have Sex with Men (MSM)	1,342	33.7%	1,422	22.8%	2,764	27.0%
Injection Drug Users (IDU)	1,261	31.7%	2,718	43.6%	3,979	38.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	124	3.1%	289	4.6%	413	4.0%
Heterosexual Exposure (HET)	1,245	31.3%	1,789	28.7%	3,034	29.7%
Other Exposures	12	0.3%	17	0.3%	29	0.3%
No Reported Exposure	1,499		717		2,216	
TOTAL	5,483		6,952		12,435	

MALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	2,649	100.0%	3,950	100.0%	6,599	100.0%
Men who have Sex with Men (MSM)	1,342	50.7%	1,422	36.0%	2,764	41.9%
Injection Drug Users (IDU)	760	28.7%	1,624	41.1%	2,384	36.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	124	4.7%	289	7.3%	413	6.3%
Heterosexual Exposure (HET)	417	15.7%	606	15.3%	1,023	15.5%
Other Exposures	6	0.2%	9	0.2%	15	0.2%
No Reported Exposure	867		406		1,273	
TOTAL	3,516		4,356		7,872	

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	1,335	100.0%	2,285	100.0%	3,620	100.0%
Injection Drug Users (IDU)	501	37.5%	1,094	47.9%	1,595	44.1%
Heterosexual Exposure (HET)	828	62.0%	1,183	51.8%	2,011	55.6%
Other Exposures	6	0.4%	8	0.4%	14	0.4%
No Reported Exposure*	632		311		943	
TOTAL	1,967		2,596		4,563	

* Includes 63 HIV cases without AIDS and 21 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 12/31/2013 and Reported through 12/31/2014

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	238	100.0%	8,526	100.0%	1,072	100.0%
Men who have Sex with Men (MSM)	87	36.6%	1,966	23.1%	586	54.7%
Injection Drug Users (IDU)	62	26.1%	3,507	41.1%	276	25.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	10	4.2%	346	4.1%	41	3.8%
Heterosexual Exposure (HET)	79	33.2%	2,682	31.5%	166	15.5%
Other Exposures	0	0.0%	25	0.3%	3	0.3%
No Reported Exposure	49		1,908		189	
TOTAL	287		10,434		1,261	

MALE 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	189	100.0%	5,349	100.0%	824	100.0%
Men who have Sex with Men (MSM)	87	46.0%	1,966	36.8%	586	71.1%
Injection Drug Users (IDU)	45	23.8%	2,140	40.0%	138	16.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	10	5.3%	346	6.5%	41	5.0%
Heterosexual Exposure (HET)	47	24.9%	885	16.5%	57	6.9%
Other Exposures	0	0.0%	12	0.2%	2	0.2%
No Reported Exposure	34		1,060		137	
TOTAL	223		6,409		961	

FEMALE 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	49	100.0%	3,177	100.0%	248	100.0%
Injection Drug Users (IDU)	17	34.7%	1,367	43.0%	138	55.6%
Heterosexual Exposure (HET)	32	65.3%	1,797	56.6%	109	44.0%
Other Exposures	0	0.0%	13	0.4%	1	0.4%
No Reported Exposure*	15		848		52	
TOTAL	64		4,025		300	

* Includes 1 Hispanic cases, 79 non-Hispanic black cases, and 2 non-Hispanic white cases with Presumed Female Heterosexual exposure

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

Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2013 and Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
With Exposure	10,219	6,695	65.5%	509	13.7%	16.2%	18.6%	51.4%
Men who have Sex with Men (MSM)	2,764	1,743	63.1%	535	9.3%	14.6%	20.7%	55.4%
Injection Drug Users (IDU)	3,979	2,587	65.0%	465	16.7%	19.1%	18.2%	46.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	413	276	66.8%	466	15.2%	18.8%	21.7%	44.2%
Heterosexual Exposure (HET)	3,034	2,066	68.1%	548	13.3%	13.6%	17.2%	56.0%
Other Exposures	29	23	79.3%	303	30.4%	21.7%	8.7%	39.1%
No Reported Exposure*	2,216	1,097	49.5%	520	13.0%	16.1%	19.1%	51.7%
TOTAL	12,435	7,792	62.7%	510	13.6%	16.2%	18.7%	51.5%

* Includes 84 cases with Presumed Female Heterosexual exposure

Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2013 and Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Results			
		No. with Test	% with Test	% Suppressed	Median Count
With Exposure	10,219	5,504	53.9%	67.3%	9,627
Men who have Sex with Men (MSM)	2,764	1,486	53.8%	69.0%	9,217
Injection Drug Users (IDU)	3,979	2,070	52.0%	65.1%	9,878
Men who have Sex with Men and Inject Drugs (MSM/IDU)	413	225	54.5%	65.3%	9,993
Heterosexual Exposure (HET)	3,034	1,703	56.1%	68.7%	9,404
Other Exposures	29	20	69.0%	55.0%	56,160
No Reported Exposure*	2,216	942	42.5%	65.4%	10,319
TOTAL	12,435	6,446	51.8%	67.0%	9,830

* Includes 84 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.

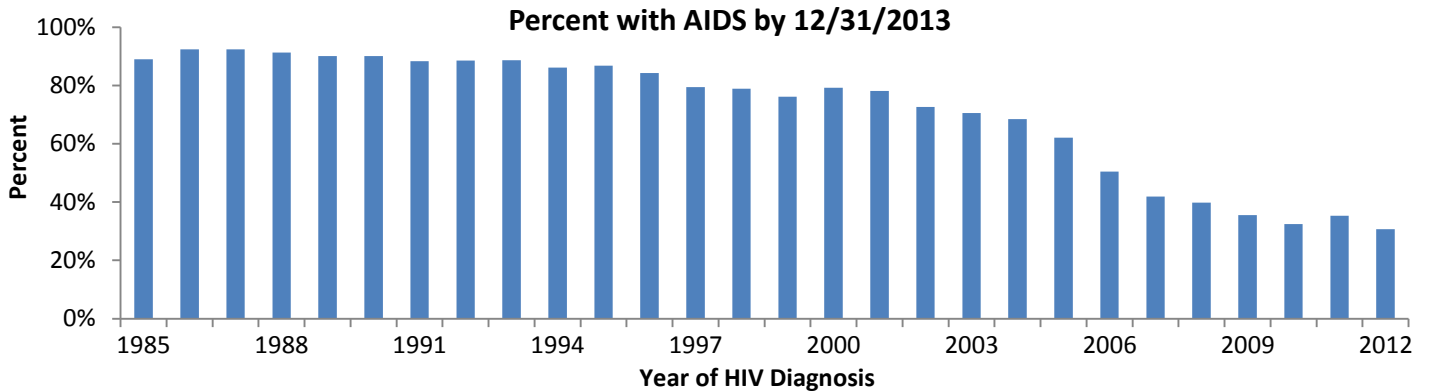
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

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 200 copies per milliliter or greater.

Section VIII – Disease Progression and Mortality

Figure 9 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2012, Reported through 12/31/2014

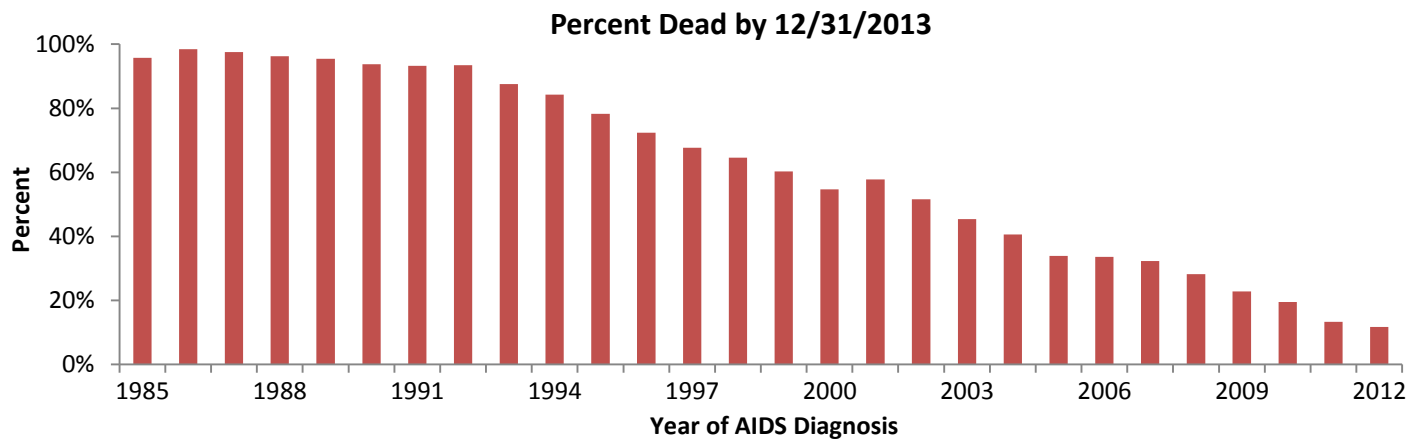
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/2012 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2013 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2013, 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 2012, as Reported by Name through 12/31/2014



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	153	148	96.7%	6.7	35.9%	35.9%	39.9%	70.6%
1985	309	275	89.0%	6.6	23.6%	25.2%	32.7%	73.5%
1986	432	399	92.4%	5.6	32.6%	33.6%	45.6%	78.2%
1987	576	532	92.4%	4.6	33.5%	36.6%	55.6%	83.0%
1988	887	810	91.3%	3.8	37.7%	41.3%	63.9%	85.3%
1989	1,157	1,043	90.1%	3.7	36.9%	42.6%	67.5%	82.7%
1990	1,199	1,080	90.1%	3.0	43.8%	50.2%	72.5%	84.6%
1991	1,361	1,202	88.3%	2.7	45.7%	55.5%	73.2%	83.2%
1992	1,343	1,190	88.6%	2.4	50.1%	58.2%	74.9%	83.5%
1993	1,252	1,111	88.7%	2.2	53.9%	62.3%	76.4%	84.5%
1994	1,138	980	86.1%	2.3	53.3%	60.8%	73.6%	81.3%
1995	1,084	941	86.8%	2.1	58.0%	63.3%	72.8%	82.3%
1996	995	839	84.3%	2.1	57.7%	62.6%	70.5%	80.0%
1997	1,031	819	79.4%	2.0	55.1%	60.2%	68.2%	75.2%
1998	999	788	78.9%	2.1	54.2%	57.8%	66.0%	74.1%
1999	898	683	76.1%	1.4	56.6%	61.0%	68.3%	74.4%
2000	847	671	79.2%	1.5	56.9%	61.4%	70.4%	77.0%
2001	929	726	78.1%	1.3	59.1%	62.2%	70.9%	76.5%
2002	1,074	780	72.6%	1.5	54.0%	57.3%	64.3%	71.0%
2003	922	650	70.5%	1.3	53.9%	57.0%	62.8%	69.7%
2004	929	636	68.5%	1.3	51.2%	55.0%	61.5%	--
2005	992	616	62.1%	1.3	46.0%	49.2%	55.9%	--
2006	1,006	508	50.5%	1.5	34.4%	36.7%	45.0%	--
2007	894	375	41.9%	1.6	26.5%	29.4%	37.8%	--
2008	826	329	39.8%	1.4	25.3%	29.4%	--	--
2009	633	225	35.5%	1.2	24.0%	27.3%	--	--
2010	623	202	32.4%	0.7	24.9%	27.8%	--	--
2011	439	155	35.3%	0.6	27.1%	32.1%	--	--
2012	469	144	30.7%	0.3	27.9%	--	--	--
TOTAL	25,397	18,857	74.2%	2.4	45.4%	50.2%	61.5%	70.7%

Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2012, Reported through 12/31/2014

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/2012 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2013 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2013, 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 2012, as Reported by Name through 12/31/2014

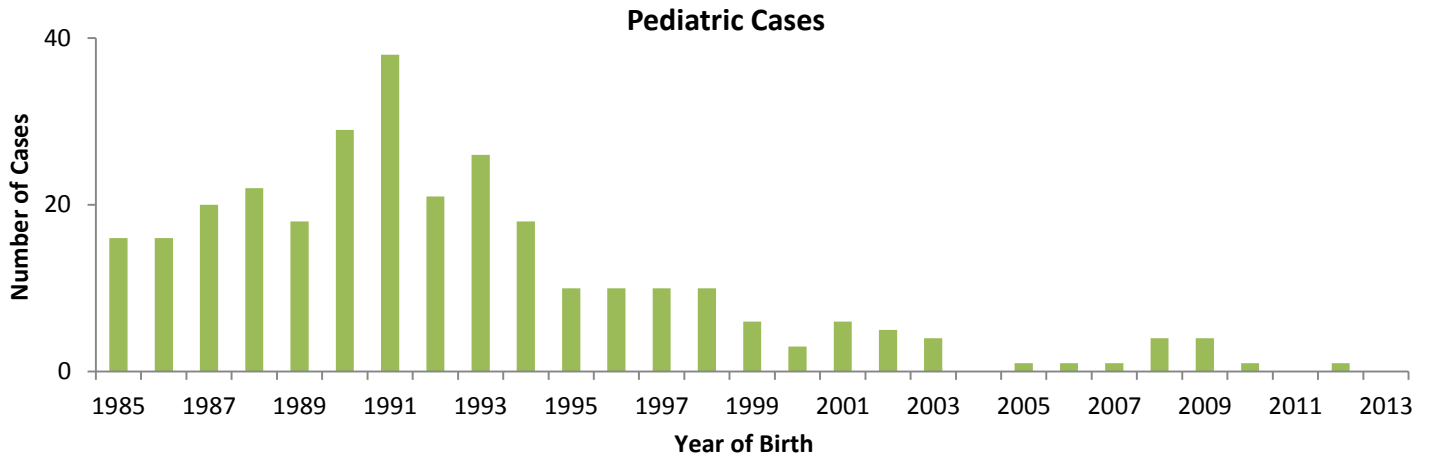


YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	58	53	91.4%	2.6	53.4%	34.5%	20.7%	17.2%
1985	69	66	95.7%	1.8	44.9%	29.0%	10.1%	7.2%
1986	129	127	98.4%	2.5	48.8%	30.2%	14.7%	10.1%
1987	198	193	97.5%	2.0	60.6%	34.3%	11.6%	4.5%
1988	339	326	96.2%	2.2	60.2%	39.2%	13.3%	6.5%
1989	439	419	95.4%	2.4	60.6%	38.7%	16.2%	8.4%
1990	632	592	93.7%	2.8	64.6%	45.7%	20.7%	12.2%
1991	783	730	93.2%	2.8	67.3%	46.1%	18.3%	12.1%
1992	1,088	1,016	93.4%	3.0	69.0%	48.9%	20.9%	14.2%
1993	1,254	1,097	87.5%	3.6	77.6%	56.5%	33.3%	20.8%
1994	1,148	967	84.2%	3.6	76.7%	57.8%	37.2%	23.2%
1995	1,127	883	78.3%	4.4	78.4%	65.8%	47.7%	32.8%
1996	1,085	786	72.4%	4.9	81.8%	74.5%	56.8%	40.0%
1997	944	639	67.7%	4.8	85.0%	76.1%	59.4%	42.6%
1998	847	547	64.6%	4.9	87.0%	79.5%	62.0%	44.6%
1999	821	495	60.3%	4.4	86.1%	78.9%	61.6%	47.1%
2000	719	393	54.7%	4.2	85.1%	79.4%	64.1%	50.6%
2001	816	472	57.8%	3.9	84.8%	76.5%	60.9%	47.3%
2002	826	426	51.6%	4.1	86.9%	80.0%	67.3%	53.4%
2003	731	332	45.4%	3.1	83.3%	77.6%	65.7%	56.1%
2004	736	299	40.6%	3.0	85.9%	80.2%	69.7%	--
2005	706	239	33.9%	2.7	88.5%	83.6%	73.7%	--
2006	599	201	33.6%	2.5	87.8%	82.5%	72.5%	--
2007	437	141	32.3%	2.6	88.3%	84.7%	73.9%	--
2008	419	118	28.2%	1.9	88.1%	83.1%	--	--
2009	347	79	22.8%	1.8	90.8%	85.9%	--	--
2010	399	78	19.5%	1.3	89.5%	86.2%	--	--
2011	316	42	13.3%	1.0	93.0%	89.6%	--	--
2012	350	41	11.7%	0.8	90.3%	--	--	--
TOTAL	18,362	11,797	64.2%	3.5	80.2%	68.9%	51.9%	41.4%

Section IX – Pediatric Cases

Figure 11 – Trends in Pediatric HIV Cases, 1985-2013, Reported through 12/31/2014

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 2013, as Reported by Name through 12/31/2014



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	15	1	0	0	
1985	16	6	4	1	9
1986	16	6	5	3	12
1987	20	12	6	5	21
1988	22	13	6	2	31
1989	18	20	12	3	48
1990	29	26	13	3	71
1991	38	25	17	8	89
1992	21	34	22	9	115
1993	26	35	19	10	140
1994	18	23	18	10	152
1995	10	14	10	9	158
1996	10	14	12	13	154
1997	10	7	5	4	156
1998	10	16	7	3	170
1999	6	14	9	3	179
2000	3	6	2	0	185
2001	6	7	5	3	188
2002	5	2	3	2	188
2003	4	2	2	3	188
2004	0	2	1	3	190
2005	1	1	1	0	191
2006	1	1	2	1	190
2007	1	15	3	3	202
2008	4	6	5	3	205
2009	4	3	1	0	210
2010	1	2	6	3	208
2011	0	1	2	1	209
2012	1	2	1	2	209
2013	0	0	10	0	204
TOTAL	316	316	209	110	

Table 24 – Pediatric Total Living HIV Cases, Alive on 12/31/2013, by ZIP Code, Reported through 12/31/2014

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Pediatric Total Living HIV Cases	
	No.	% of Total
21201	6	2.9%
21202	8	3.9%
21205	8	3.9%
21206	11	5.4%
21207	5	2.5%
21209	1	0.5%
21211	2	1.0%
21212	2	1.0%
21213	19	9.3%
21214	5	2.5%
21215	29	14.2%
21216	10	4.9%
21217	25	12.3%
21218	20	9.8%
21223	20	9.8%
21224	8	3.9%
21225	5	2.5%
21229	4	2.0%
21230	2	1.0%
21231	4	2.0%
21234	1	0.5%
21239	9	4.4%
TOTAL	204	100.0%

ZIP Code 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 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 Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014

SEX AT BIRTH	Pediatric Total Living HIV Cases	
	No.	% of Total
Male	84	41.2%
Female	120	58.8%
TOTAL	204	100.0%

RACE/ETHNICITY	Pediatric Total Living HIV Cases	
	No.	% of Total
Hispanic	2	1.0%
Non-Hispanic	202	99.0%
American Indian/ Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	185	91.6%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	10	5.0%
Multiracial/Other	7	3.5%
TOTAL	204	100.0%

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.

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.

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 200 copies per milliliter or greater.

Number Linked to Care: Number 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 calculated from Percent Linked to Care.

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

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 200 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 7/1/2013.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2013.

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 childbearing age (13-49 years old) on December 31st of the specified year.

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

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

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