



2012

Maryland Eastern Region Annual HIV Epidemiological Profile

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Data reported through December 31, 2013

**Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease 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 directors are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland State Health Department, by mailing DHMH Form 4492. Laboratories are encouraged to contact the State Health Department to establish electronic reporting.

Reporting forms and instructions are available on our website:

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

For Assistance with HIV/AIDS Reporting

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

Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis. Nationally, it has been estimated that 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. 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.

It is important to note that HIV surveillance is the ongoing systematic collection, analysis, interpretation, and dissemination of HIV disease 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.

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 2012 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2012-12/31/2012, as reported by name through 12/31/2013.

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 12/31/2012 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2012 as reported by name through 12/31/2013.

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, 2013.

Population data by sex, age, and race is from the July 1, 2012 U.S. Census Estimate and by country-of-birth from the 2012 American Community Survey (note the differences in total population due to different sources). 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).

On-line Mapping Tool

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

HIV Exposure Categories

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

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

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

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

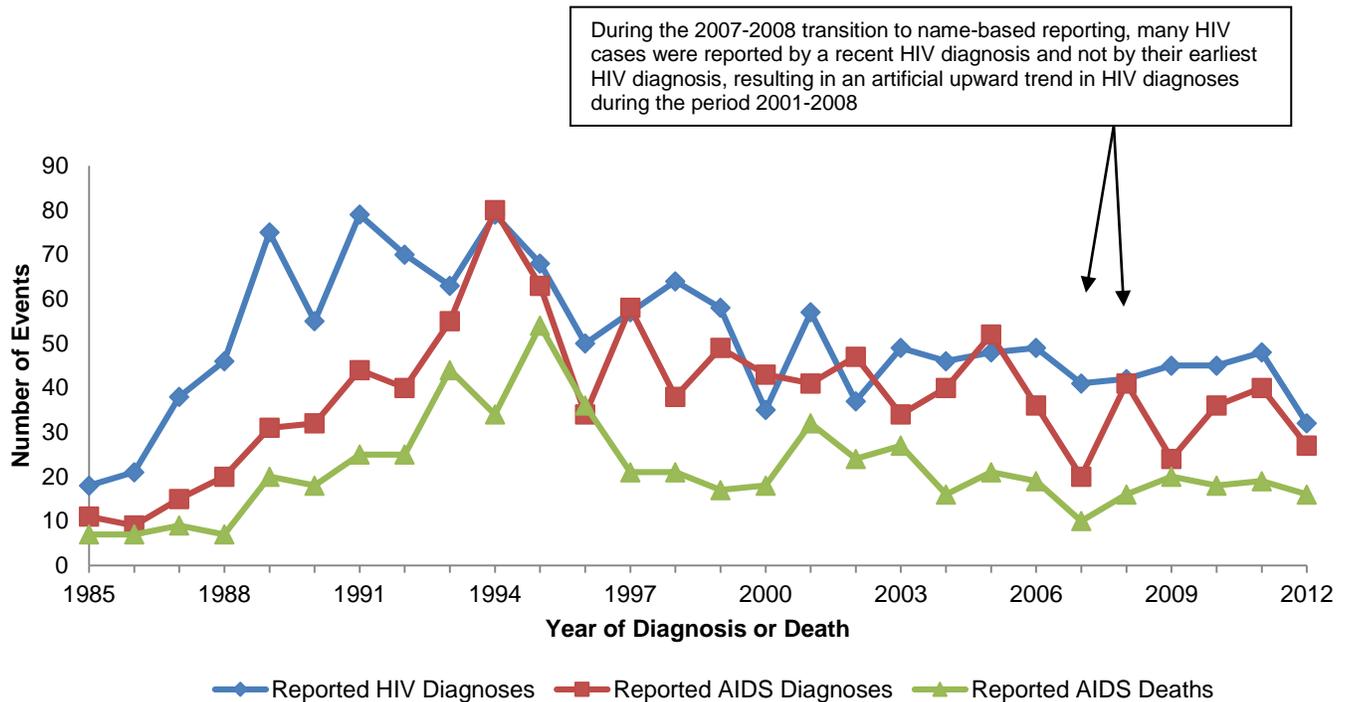
Heterosexual Exposure (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or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

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

Section II – Trends 1985-2012

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2012, Reported through 12/31/2013

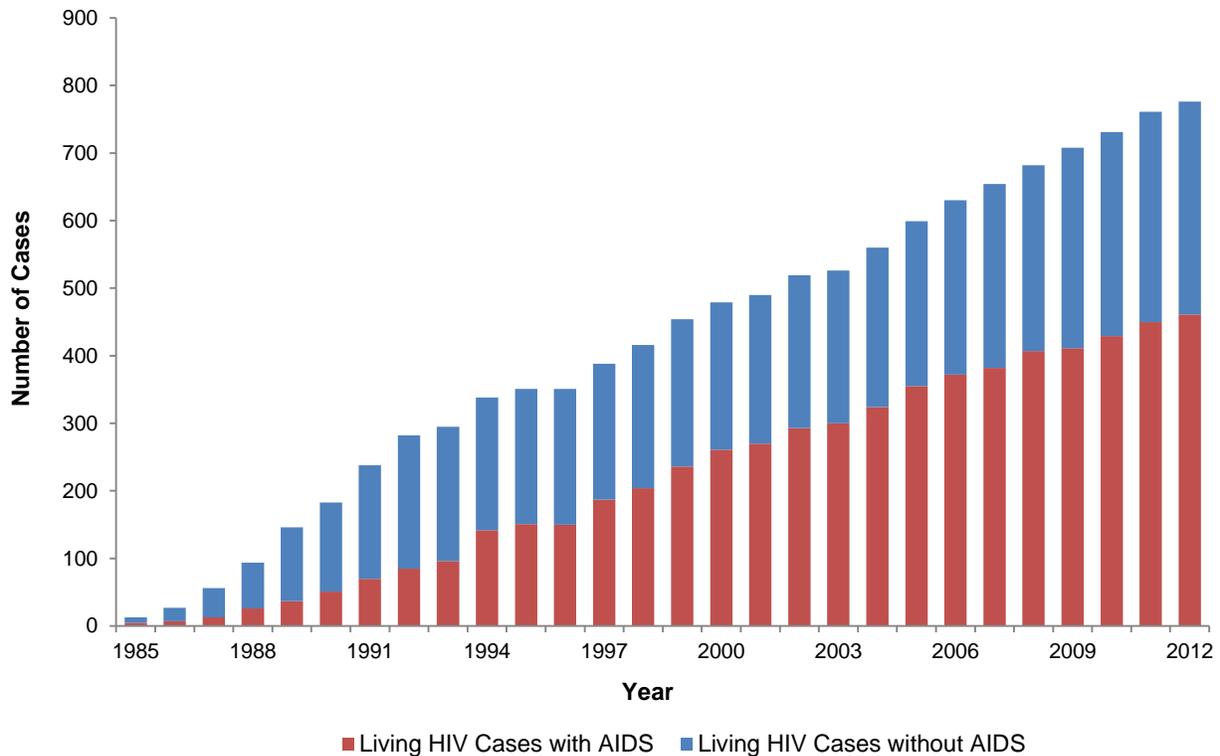
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnoses) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2012 as Reported through 12/31/2013



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	8	7	6	1999	58	49	17
1985	18	11	7	2000	35	43	18
1986	21	9	7	2001	57	41	32
1987	38	15	9	2002	37	47	24
1988	46	20	7	2003	49	34	27
1989	75	31	20	2004	46	40	16
1990	55	32	18	2005	48	52	21
1991	79	44	25	2006	49	36	19
1992	70	40	25	2007	41	20	10
1993	63	55	44	2008	42	41	16
1994	79	80	34	2009	45	24	20
1995	68	63	54	2010	45	36	18
1996	50	34	36	2011	48	40	19
1997	57	58	21	2012	32	27	16
1998	64	38	21	TOTAL	1,423	1,067	607

Figure 2 – Trends in Living HIV Cases, 1985-2012, Reported through 12/31/2013

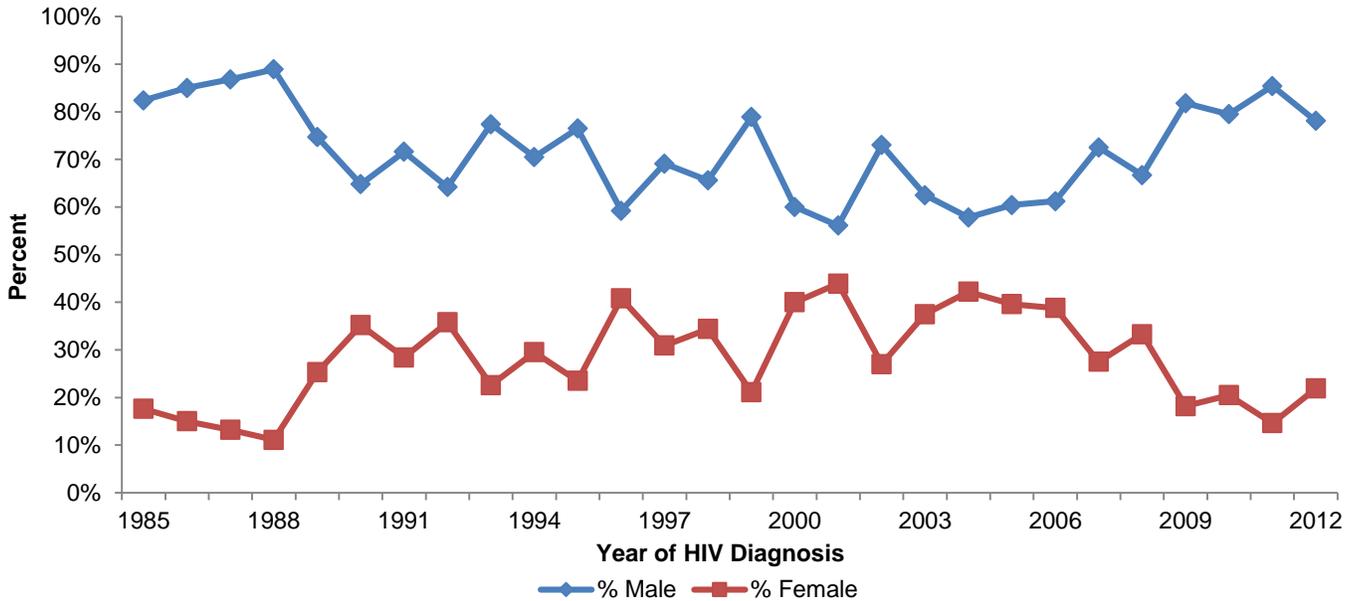
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2012, as Reported through 12/31/2013



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	8	5	13	1999	218	236	454
1986	20	7	27	2000	218	261	479
1987	43	13	56	2001	220	270	490
1988	68	26	94	2002	226	293	519
1989	109	37	146	2003	226	300	526
1990	132	51	183	2004	236	324	560
1991	168	70	238	2005	244	355	599
1992	197	85	282	2006	258	372	630
1993	199	96	295	2007	272	382	654
1994	196	142	338	2008	275	407	682
1995	200	151	351	2009	297	411	708
1996	201	150	351	2010	302	429	731
1997	201	187	388	2011	311	450	761
1998	212	204	416	2012	315	461	776

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2012, Reported through 12/31/2013

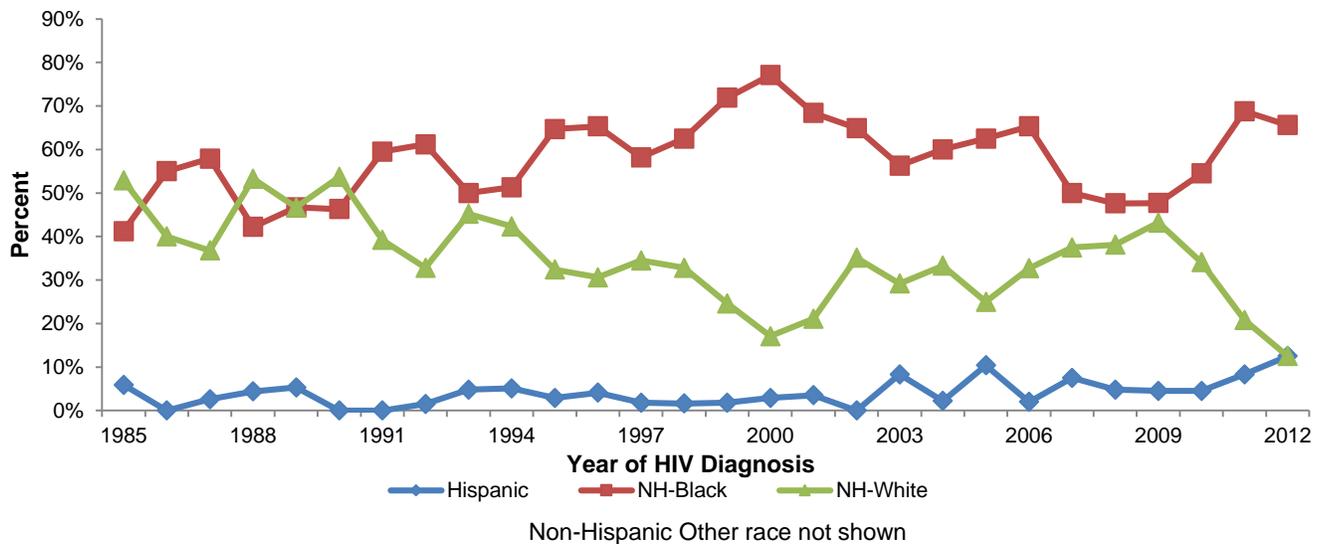
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



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	8	87.5%	12.5%	1999	57	78.9%	21.1%
1985	17	82.4%	17.6%	2000	35	60.0%	40.0%
1986	20	85.0%	15.0%	2001	57	56.1%	43.9%
1987	38	86.8%	13.2%	2002	37	73.0%	27.0%
1988	45	88.9%	11.1%	2003	48	62.5%	37.5%
1989	75	74.7%	25.3%	2004	45	57.8%	42.2%
1990	54	64.8%	35.2%	2005	48	60.4%	39.6%
1991	74	71.6%	28.4%	2006	49	61.2%	38.8%
1992	67	64.2%	35.8%	2007	40	72.5%	27.5%
1993	62	77.4%	22.6%	2008	42	66.7%	33.3%
1994	78	70.5%	29.5%	2009	44	81.8%	18.2%
1995	68	76.5%	23.5%	2010	44	79.5%	20.5%
1996	49	59.2%	40.8%	2011	48	85.4%	14.6%
1997	55	69.1%	30.9%	2012	32	78.1%	21.9%
1998	64	65.6%	34.4%	TOTAL	1,400	71.1%	28.9%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2012, Reported through 12/31/2013

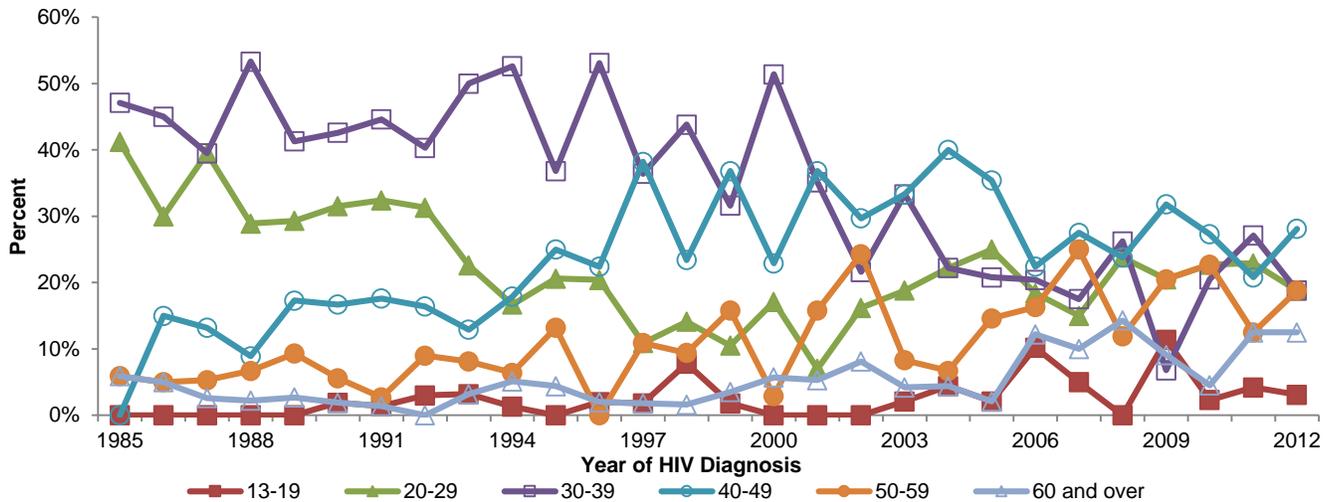
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	8	0.0%	62.5%	37.5%	0.0%
1985	17	5.9%	41.2%	52.9%	0.0%
1986	20	0.0%	55.0%	40.0%	5.0%
1987	38	2.6%	57.9%	36.8%	2.6%
1988	45	4.4%	42.2%	53.3%	0.0%
1989	75	5.3%	46.7%	46.7%	1.3%
1990	54	0.0%	46.3%	53.7%	0.0%
1991	74	0.0%	59.5%	39.2%	1.4%
1992	67	1.5%	61.2%	32.8%	4.5%
1993	62	4.8%	50.0%	45.2%	0.0%
1994	78	5.1%	51.3%	42.3%	1.3%
1995	68	2.9%	64.7%	32.4%	0.0%
1996	49	4.1%	65.3%	30.6%	0.0%
1997	55	1.8%	58.2%	34.5%	5.5%
1998	64	1.6%	62.5%	32.8%	3.1%
1999	57	1.8%	71.9%	24.6%	1.8%
2000	35	2.9%	77.1%	17.1%	2.9%
2001	57	3.5%	68.4%	21.1%	7.0%
2002	37	0.0%	64.9%	35.1%	0.0%
2003	48	8.3%	56.3%	29.2%	6.3%
2004	45	2.2%	60.0%	33.3%	4.4%
2005	48	10.4%	62.5%	25.0%	2.1%
2006	49	2.0%	65.3%	32.7%	0.0%
2007	40	7.5%	50.0%	37.5%	5.0%
2008	42	4.8%	47.6%	38.1%	9.5%
2009	44	4.5%	47.7%	43.2%	4.5%
2010	44	4.5%	54.5%	34.1%	6.8%
2011	48	8.3%	68.8%	20.8%	2.1%
2012	32	12.5%	65.6%	12.5%	9.4%
TOTAL	1,400	3.9%	58.1%	35.1%	2.9%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2012, Reported through 12/31/2013

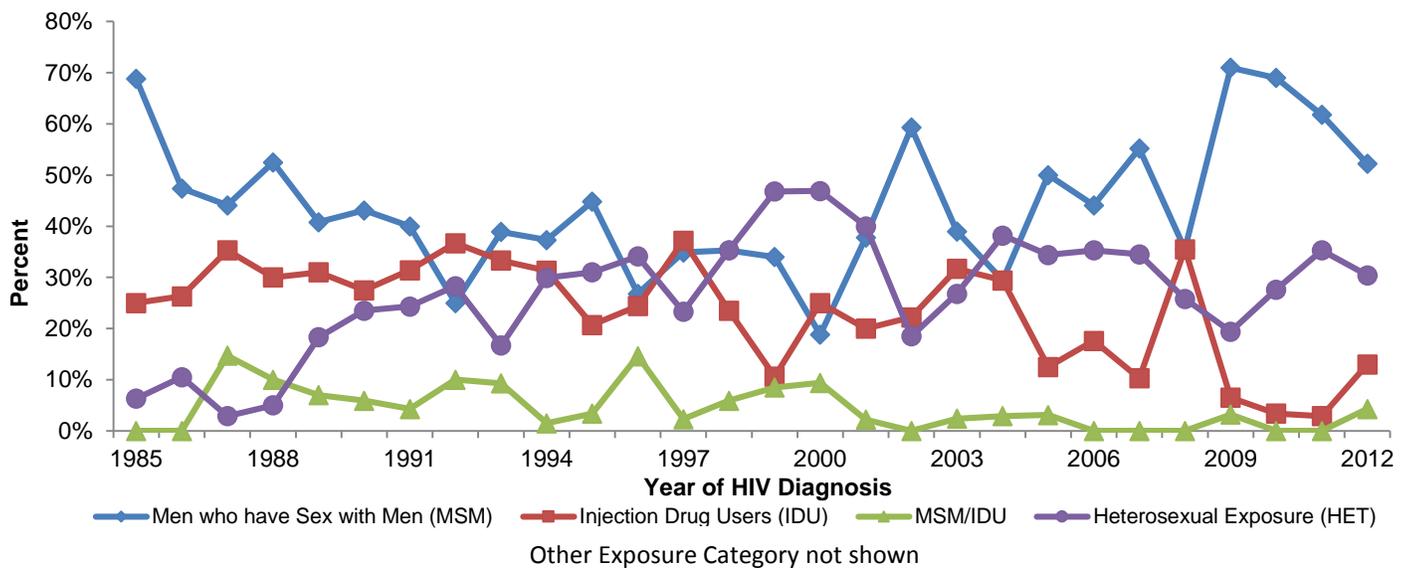
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	8	12.5%	25.0%	37.5%	12.5%	12.5%	0.0%
1985	17	0.0%	41.2%	47.1%	0.0%	5.9%	5.9%
1986	20	0.0%	30.0%	45.0%	15.0%	5.0%	5.0%
1987	38	0.0%	39.5%	39.5%	13.2%	5.3%	2.6%
1988	45	0.0%	28.9%	53.3%	8.9%	6.7%	2.2%
1989	75	0.0%	29.3%	41.3%	17.3%	9.3%	2.7%
1990	54	1.9%	31.5%	42.6%	16.7%	5.6%	1.9%
1991	74	1.4%	32.4%	44.6%	17.6%	2.7%	1.4%
1992	67	3.0%	31.3%	40.3%	16.4%	9.0%	0.0%
1993	62	3.2%	22.6%	50.0%	12.9%	8.1%	3.2%
1994	78	1.3%	16.7%	52.6%	17.9%	6.4%	5.1%
1995	68	0.0%	20.6%	36.8%	25.0%	13.2%	4.4%
1996	49	2.0%	20.4%	53.1%	22.4%	0.0%	2.0%
1997	55	1.8%	10.9%	36.4%	38.2%	10.9%	1.8%
1998	64	7.8%	14.1%	43.8%	23.4%	9.4%	1.6%
1999	57	1.8%	10.5%	31.6%	36.8%	15.8%	3.5%
2000	35	0.0%	17.1%	51.4%	22.9%	2.9%	5.7%
2001	57	0.0%	7.0%	35.1%	36.8%	15.8%	5.3%
2002	37	0.0%	16.2%	21.6%	29.7%	24.3%	8.1%
2003	48	2.1%	18.8%	33.3%	33.3%	8.3%	4.2%
2004	45	4.4%	22.2%	22.2%	40.0%	6.7%	4.4%
2005	48	2.1%	25.0%	20.8%	35.4%	14.6%	2.1%
2006	49	10.2%	18.4%	20.4%	22.4%	16.3%	12.2%
2007	40	5.0%	15.0%	17.5%	27.5%	25.0%	10.0%
2008	42	0.0%	23.8%	26.2%	23.8%	11.9%	14.3%
2009	44	11.4%	20.5%	6.8%	31.8%	20.5%	9.1%
2010	44	2.3%	22.7%	20.5%	27.3%	22.7%	4.5%
2011	48	4.2%	22.9%	27.1%	20.8%	12.5%	12.5%
2012	32	3.1%	18.8%	18.8%	28.1%	18.8%	12.5%
TOTAL	1,400	2.6%	21.9%	35.9%	23.9%	10.9%	4.8%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2012, Reported through 12/31/2013

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 2012, as Reported through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					% Other Exposure
		No.	% MSM	% IDU	% MSM/IDU	% HET	
<1985	8	6	66.7%	16.7%	0.0%	0.0%	16.7%
1985	17	16	68.8%	25.0%	0.0%	6.3%	0.0%
1986	20	19	47.4%	26.3%	0.0%	10.5%	15.8%
1987	38	34	44.1%	35.3%	14.7%	2.9%	2.9%
1988	45	40	52.5%	30.0%	10.0%	5.0%	2.5%
1989	75	71	40.8%	31.0%	7.0%	18.3%	2.8%
1990	54	51	43.1%	27.5%	5.9%	23.5%	0.0%
1991	74	70	40.0%	31.4%	4.3%	24.3%	0.0%
1992	67	60	25.0%	36.7%	10.0%	28.3%	0.0%
1993	62	54	38.9%	33.3%	9.3%	16.7%	1.9%
1994	78	67	37.3%	31.3%	1.5%	29.9%	0.0%
1995	68	58	44.8%	20.7%	3.4%	31.0%	0.0%
1996	49	41	26.8%	24.4%	14.6%	34.1%	0.0%
1997	55	43	34.9%	37.2%	2.3%	23.3%	2.3%
1998	64	51	35.3%	23.5%	5.9%	35.3%	0.0%
1999	57	47	34.0%	10.6%	8.5%	46.8%	0.0%
2000	35	32	18.8%	25.0%	9.4%	46.9%	0.0%
2001	57	45	37.8%	20.0%	2.2%	40.0%	0.0%
2002	37	27	59.3%	22.2%	0.0%	18.5%	0.0%
2003	48	41	39.0%	31.7%	2.4%	26.8%	0.0%
2004	45	34	29.4%	29.4%	2.9%	38.2%	0.0%
2005	48	32	50.0%	12.5%	3.1%	34.4%	0.0%
2006	49	34	44.1%	17.6%	0.0%	35.3%	2.9%
2007	40	29	55.2%	10.3%	0.0%	34.5%	0.0%
2008	42	31	35.5%	35.5%	0.0%	25.8%	3.2%
2009	44	31	71.0%	6.5%	3.2%	19.4%	0.0%
2010	44	29	69.0%	3.4%	0.0%	27.6%	0.0%
2011	48	34	61.8%	2.9%	0.0%	35.3%	0.0%
2012	32	23	52.2%	13.0%	4.3%	30.4%	0.0%
TOTAL	1,400	1,150	42.1%	24.8%	5.0%	27.1%	1.0%

Section III – Adult/Adolescent Cases by Jurisdiction

Table 1 – Adult/Adolescent HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Jurisdiction, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT HIV DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses									
		No. with HIV Diagnosis	% 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
Caroline	27,021	4	0.3%	14.8	***	***	***	***	***	***	***
Cecil	84,566	5	0.3%	5.9	5	100.0%	***	***	5	100.0%	483
Dorchester	27,518	5	0.3%	18.2	***	***	***	***	***	***	***
Kent	17,692	3	0.2%	17.0	***	***	***	***	***	***	***
Queen Anne's	40,871	2	0.1%	4.9	***	***	***	***	***	***	***
Somerset	23,041	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
Talbot	32,981	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
Wicomico	84,554	8	0.5%	9.5	7	87.5%	***	***	8	100.0%	296
Worcester	45,218	5	0.3%	11.1	***	***	***	***	***	***	***
TOTAL	383,461	32	100.0%	8.3	29	90.6%	14	43.8%	31	96.9%	360

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

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

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

Population Age 13+: Population age 13 years or older, estimate for 7/1/2012.

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 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): 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 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction, Reported through 12/31/2013

JURISDICTION 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
Caroline	27,021	3	11.1%	11.1	***	***
Cecil	84,566	3	11.1%	3.5	***	***
Dorchester	27,518	7	25.9%	25.4	2.8	57.1%
Kent	17,692	1	3.7%	5.7	***	***
Queen Anne's	40,871	0	0.0%	0.0	--	0.0%
Somerset	23,041	0	0.0%	0.0	--	0.0%
Talbot	32,981	1	3.7%	3.0	***	***
Wicomico	84,554	6	22.2%	7.1	4.2	50.0%
Worcester	45,218	6	22.2%	13.3	1.0	83.3%
TOTAL	383,461	27	100.0%	7.0	3.3	63.0%

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

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

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

Population Age 13+: Population age 13 years or older, estimate for 7/1/2012.

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 12/31/2012, by Jurisdiction, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
Caroline	27,021	27	0.2%	99.9	30	0.2%	111.0	57	0.2%	211.0	474
Cecil	84,566	47	0.4%	55.6	69	0.4%	81.6	116	0.4%	137.2	729
Dorchester	27,518	36	0.3%	130.8	77	0.5%	279.8	113	0.4%	410.6	243
Kent	17,692	16	0.1%	90.4	15	0.1%	84.8	31	0.1%	175.2	570
Queen Anne's	40,871	16	0.1%	39.1	23	0.1%	56.3	39	0.1%	95.4	1,047
Somerset	23,041	16	0.1%	69.4	22	0.1%	95.5	38	0.1%	164.9	606
Talbot	32,981	21	0.2%	63.7	38	0.2%	115.2	59	0.2%	178.9	559
Wicomico	84,554	94	0.7%	111.2	131	0.8%	154.9	225	0.8%	266.1	375
Worcester	45,218	32	0.2%	70.8	51	0.3%	112.8	83	0.3%	183.6	544
TOTAL	383,461	305	100.0%	79.5	456	100.0%	118.9	761	100.0%	198.5	503

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

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2012.

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 12/31/2012, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases								
	No.	Recent CD4 Test Result						350-499	500+
		No. with Test	% with Test	Median Count	<200	200-349			
Caroline	57	34	59.6%	579	17.6%	8.8%	14.7%	58.8%	
Cecil	116	61	52.6%	429	9.8%	21.3%	29.5%	39.3%	
Dorchester	113	77	68.1%	499	13.0%	23.4%	14.3%	49.4%	
Kent	31	17	54.8%	620	5.9%	11.8%	23.5%	58.8%	
Queen Anne's	39	24	61.5%	511	4.2%	29.2%	12.5%	54.2%	
Somerset	38	23	60.5%	614	4.3%	13.0%	17.4%	65.2%	
Talbot	59	45	76.3%	466	22.2%	17.8%	15.6%	44.4%	
Wicomico	225	124	55.1%	467	17.7%	17.7%	17.7%	46.8%	
Worcester	83	53	63.9%	478	18.9%	17.0%	18.9%	45.3%	
TOTAL	761	458	60.2%	490	14.6%	18.6%	18.3%	48.5%	

*** 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.

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

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

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

Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, by Jurisdiction, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
Caroline	57	36	63.2%	72.2%	4,670
Cecil	116	51	44.0%	74.5%	2,153
Dorchester	113	69	61.1%	76.8%	33,755
Kent	31	18	58.1%	100.0%	--
Queen Anne's	39	23	59.0%	87.0%	25,842
Somerset	38	25	65.8%	68.0%	8,225
Talbot	59	38	64.4%	76.3%	51,897
Wicomico	225	115	51.1%	69.6%	5,898
Worcester	83	53	63.9%	79.2%	4,660
TOTAL	761	428	56.2%	75.5%	7,620

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

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

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

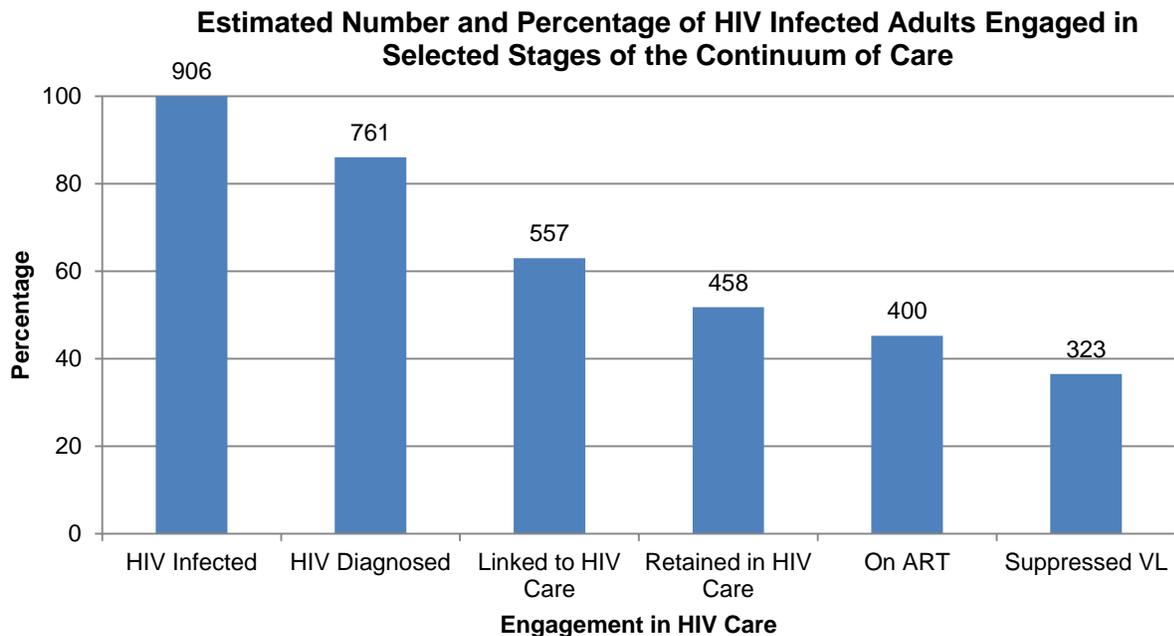
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 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 2012 HIV Continuum of Care, Reported through 12/31/2013

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.



Continuum of Care Stage	Number	Percentage
HIV Infected	906	100.0%
HIV Diagnosed	761	86.0%
Linked to HIV Care	557	61.5%
Retained in HIV Care	458	50.6%
On ART	400	44.2%
Suppressed VL	323	35.7%

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 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2013

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)	17,239	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
5-12 (Pediatric)	28,799	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
13-19	29,215	1	3.1%	3.4	***	***	***	***	***	***	***
20-29	42,082	6	18.8%	14.3	5	83.3%	***	***	5	83.3%	316
30-39	32,359	6	18.8%	18.5	6	100.0%	***	***	6	100.0%	157
40-49	41,754	9	28.1%	21.6	9	100.0%	5	55.6%	9	100.0%	419
50-59	47,000	6	18.8%	12.8	5	83.3%	***	***	6	100.0%	270
60+	79,465	4	12.5%	5.0	***	***	***	***	***	***	***
TOTAL	317,913	32	100.0%	10.1	29	90.6%	14	43.8%	31	96.9%	360

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

Table 7 – AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2013

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	17,239	0	0.0%	0.0	--	0.0%
5-12 (Pediatric)	28,799	0	0.0%	0.0	--	0.0%
13-19	29,215	0	0.0%	0.0	--	0.0%
20-29	42,082	5	18.5%	11.9	1.9	60.0%
30-39	32,359	5	18.5%	15.5	2.3	60.0%
40-49	41,754	8	29.6%	19.2	3.9	75.0%
50-59	47,000	6	22.2%	12.8	4.2	66.7%
60+	79,465	3	11.1%	3.8	***	***
TOTAL	317,913	27	100.0%	8.5	3.3	63.0%

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

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

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

Population: Population estimate for 7/1/2012.

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 12/31/2012, by Age on 12/31/2012, Reported through 12/31/2013

AGE ON 12/31/2012	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	17,239	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	-
5-12	28,799	4	1.3%	13.9	0	0.0%	0.0	4	0.5%	13.9	7,199
13-19	29,215	5	1.6%	17.1	1	0.2%	3.4	6	0.8%	20.5	4,869
20-29	42,082	43	13.7%	102.2	24	5.2%	57.0	67	8.6%	159.2	628
30-39	32,359	68	21.6%	210.1	49	10.6%	151.4	117	15.1%	361.6	276
40-49	41,754	80	25.4%	191.6	157	34.1%	376.0	237	30.5%	567.6	176
50-59	47,000	76	24.1%	161.7	161	34.9%	342.6	237	30.5%	504.3	198
60+	79,465	39	12.4%	49.1	69	15.0%	86.8	108	13.9%	135.9	735
TOTAL	317,913	315	100.0%	99.1	461	100.0%	145.0	776	100.0%	244.1	409

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

Population: Population estimate for 7/1/2012.

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 12/31/2012, by Age on 12/31/2012, Reported through 12/31/2013

AGE ON 12/31/2012	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	4	***	***	***	***	***	***	***
20-29	61	***	***	***	***	***	***	***
30-39	114	59	51.8%	519	11.9%	16.9%	18.6%	52.5%
40-49	237	149	62.9%	473	15.4%	16.8%	20.1%	47.7%
50-59	237	150	63.3%	518	15.3%	16.7%	16.7%	51.3%
60+	108	61	56.5%	414	16.4%	21.3%	19.7%	42.6%
TOTAL	761	458	60.2%	490	14.6%	18.6%	18.3%	48.5%

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

Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, by Age on 12/31/2012, Reported through 12/31/2013

AGE ON 12/31/2012	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
13-19	4	***	***	***	***
20-29	61	***	***	***	***
30-39	114	60	52.6%	70.0%	9,180
40-49	237	135	57.0%	75.6%	10,993
50-59	237	138	58.2%	86.2%	5,053
60+	108	57	52.8%	77.2%	15,200
TOTAL	761	428	56.2%	75.5%	7,620

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

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

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

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

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

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

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

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 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 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2013

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	186,280	25	78.1%	13.4	22	88.0%	***	***	24
Female	197,181	7	21.9%	3.6	7	100.0%	***	***	7	100.0%	245
TOTAL	383,461	32	100.0%	8.3	29	90.6%	14	43.8%	31	96.9%	360

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	13,889	4	12.5%	28.8	4	100.0%	0	0.0%	4
Non-Hispanic	369,572	28	87.5%	7.6	25	89.3%	14	50.0%	27	96.4%	360
American Indian/Alaska Native, only	966	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
Asian, only	5,339	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
Black, only	60,554	21	65.6%	34.7	18	85.7%	11	52.4%	20	95.2%	292
Native Hawaiian/Other Pacific Islander, only	124	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
White only	298,265	4	12.5%	1.3	***	***	***	***	***	***	***
Multiracial/Other	4,324	3	9.4%	69.4	***	***	***	***	***	***	***
TOTAL	383,461	32	100.0%	8.3	29	90.6%	14	43.8%	31	96.9%	360

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	352,794	27	84.4%	7.7	25	92.6%	13	48.1%	26
Foreign-born	19,937	4	12.5%	20.1	***	***	***	***	***	***	***
Africa	--	0	0.0%	--	0	0.0%	0	0.0%	0	0.0%	--
Asia	--	0	0.0%	--	0	0.0%	0	0.0%	0	0.0%	--
Caribbean	--	1	25.0%	--	***	***	***	***	***	***	***
Central America	--	2	50.0%	--	***	***	***	***	***	***	***
Other	--	1	25.0%	--	***	***	***	***	***	***	***
Unknown	--	1	3.1%	--	***	***	***	***	***	***	***
TOTAL	372,732	32	100.0%	8.6	29	90.6%	14	43.8%	31	96.9%	360

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates

** Population data by country of birth are from the 2012 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 7/1/2012.

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 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2013

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	186,280	16	59.3%	8.6	2.5	68.8%
Female	197,181	11	40.7%	5.6	4.4	54.5%
TOTAL	383,461	27	100.0%	7.0	3.3	63.0%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	13,889	1	3.7%	7.2	***	***
Non-Hispanic	369,572	26	96.3%	7.0	3.3	65.4%
American Indian/Alaska Native, only	966	0	0.0%	--	--	0.0%
Asian, only	5,339	0	0.0%	--	--	0.0%
Black, only	60,554	21	80.8%	34.7	2.7	71.4%
Native Hawaiian/Other Pacific Islander, only	124	0	0.0%	--	--	0.0%
White only	298,265	3	11.5%	1.0	***	***
Multiracial/Other	4,324	2	7.7%	46.2	***	***
TOTAL	383,461	27	100.0%	7.0	3.3	63.0%

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	352,794	24	88.9%	6.8	3.2	62.5%
Foreign-born	19,937	3	11.1%	15.0	***	***
Africa	--	1	33.3%	--	***	***
Asia	--	0	0.0%	--	--	0.0%
Caribbean	--	2	66.7%	--	***	***
Central America	--	0	0.0%	0.0	--	0.0%
Other	--	0	0.0%	--	--	0.0%
Unknown	--	0	0.0%	--	--	0.0%
TOTAL	372,732	27	100.0%	7.2	3.3	63.0%

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates

** Population data by country of birth are from the 2012 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 7/1/2012.

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 12/31/2012 and Reported through 12/31/2013

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	186,280	204	66.9%	109.5	306	67.1%	164.3	510	67.0%	273.8	365
Female	197,181	101	33.1%	51.2	150	32.9%	76.1	251	33.0%	127.3	785
TOTAL	383,461	305	100.0%	79.5	456	100.0%	118.9	761	100.0%	198.5	503

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	13,889	17	5.6%	122.4	20	4.4%	144.0	37	4.9%	266.4	375
Non-Hispanic	369,572	288	94.4%	77.9	436	95.6%	118.0	724	95.1%	195.9	510
American Indian/Alaska Native, only	966	0	0.0%	0.0	1	0.2%	103.5	1	0.1%	103.5	966
Asian, only	5,339	1	0.3%	18.7	0	0.0%	0.0	1	0.1%	18.7	5,338
Black, only	60,554	184	63.9%	303.9	283	64.9%	467.4	467	64.5%	771.2	129
Native Hawaiian/Other Pacific Islander, only	124	1	0.3%	803.9	0	0.0%	0.0	1	0.1%	803.9	124
White only	298,265	94	32.6%	31.5	132	30.3%	44.3	226	31.2%	75.8	1,319
Multiracial/ Other	4,324	8	2.8%	185.0	20	4.6%	462.5	28	3.9%	647.5	154
TOTAL	383,461	305	100.0%	79.5	456	100.0%	118.9	761	100.0%	198.5	503

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	352,794	286	93.8%	81.1	418	91.7%	118.5	704	92.5%	199.5	501
Foreign-born	19,937	15	4.9%	75.2	35	7.7%	175.5	50	6.6%	250.8	398
Africa	--	1	6.7%	--	12	34.3%	--	13	26.0%	--	--
Asia	--	1	6.7%	--	1	2.9%	--	2	4.0%	--	--
Caribbean	--	6	40.0%	--	12	34.3%	--	18	36.0%	--	--
Central America	--	4	26.7%	--	8	22.9%	--	12	24.0%	--	--
Other	--	3	20.0%	--	2	5.7%	--	5	10.0%	--	--
Unknown	--	4	1.3%	--	3	0.7%	--	7	0.9%	--	--
TOTAL	372,732	305	100.0%	81.8	456	100.0%	122.3	761	100.0%	204.2	489

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates

** Population data by country of birth are from the 2012 American Community Survey

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2012.

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 12/31/2012 and Reported through 12/31/2013

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	510	303	59.4%	459	13.5%	21.5%	21.1%	43.9%
Female	251	155	61.8%	556	16.8%	12.9%	12.9%	57.4%
TOTAL	761	458	60.2%	490	14.6%	18.6%	18.3%	48.5%

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	37	17	45.9%	396	29.4%	17.6%	5.9%	47.1%
Non-Hispanic	724	441	60.9%	490	14.1%	18.6%	18.8%	48.5%
American Indian/Alaska Native, only	1	***	***	***	***	***	***	***
Asian, only	1	***	***	***	***	***	***	***
Black, only	467	287	61.5%	461	17.1%	20.2%	15.3%	47.4%
Native Hawaiian/Other Pacific Islander, only	1	***	***	***	***	***	***	***
White only	226	127	56.2%	525	7.9%	15.0%	23.6%	53.5%
Multiracial/Other	28	25	89.3%	444	12.0%	20.0%	36.0%	32.0%
TOTAL	761	458	60.2%	490	14.6%	18.6%	18.3%	48.5%

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	704	432	61.4%	495	14.1%	17.8%	19.2%	48.8%
Foreign-born	50	21	42.0%	226	23.8%	28.6%	4.8%	42.9%
Africa	13	8	61.5%	366	25.0%	25.0%	0.0%	50.0%
Asia	2	***	***	***	***	***	***	***
Caribbean	18	5	27.8%	154	60.0%	20.0%	0.0%	20.0%
Central America	12	6	50.0%	311	0.0%	50.0%	16.7%	33.3%
Other	5	***	***	***	***	***	***	***
Unknown	7	5	71.4%	336	20.0%	40.0%	0.0%	40.0%
TOTAL	761	458	60.2%	490	14.6%	18.6%	18.3%	48.5%

*** 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 12/31/2012 and Reported through 12/31/2013

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	510	288	56.5%	76.7%	10,000
Female	251	140	55.8%	72.9%	4,225
TOTAL	761	428	56.2%	75.5%	7,620

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	37	18	48.6%	61.1%	11,090
Non-Hispanic	724	410	56.6%	76.1%	7,585
American Indian/Alaska Native, only	1	1	100.0%	***	***
Asian, only	1	0	0.0%	0.0%	--
Black, only	467	261	55.9%	72.8%	8,360
Native Hawaiian/Other Pacific Islander, only	1	1	100.0%	***	***
White only	226	124	54.9%	84.7%	7,550
Multiracial/Other	28	23	82.1%	65.2%	5,377
TOTAL	761	428	56.2%	75.5%	7,620

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	704	400	56.8%	76.3%	6,958
Foreign-born	50	23	46.0%	65.2%	35,853
Africa	13	8	61.5%	87.5%	254,888
Asia	2	0	0.0%	0.0%	--
Caribbean	18	6	33.3%	66.7%	27,742
Central America	12	7	58.3%	57.1%	16,965
Other	5	2	40.0%	***	***
Unknown	7	5	71.4%	60.0%	14,910
TOTAL	761	428	56.2%	75.5%	7,620

*** 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.

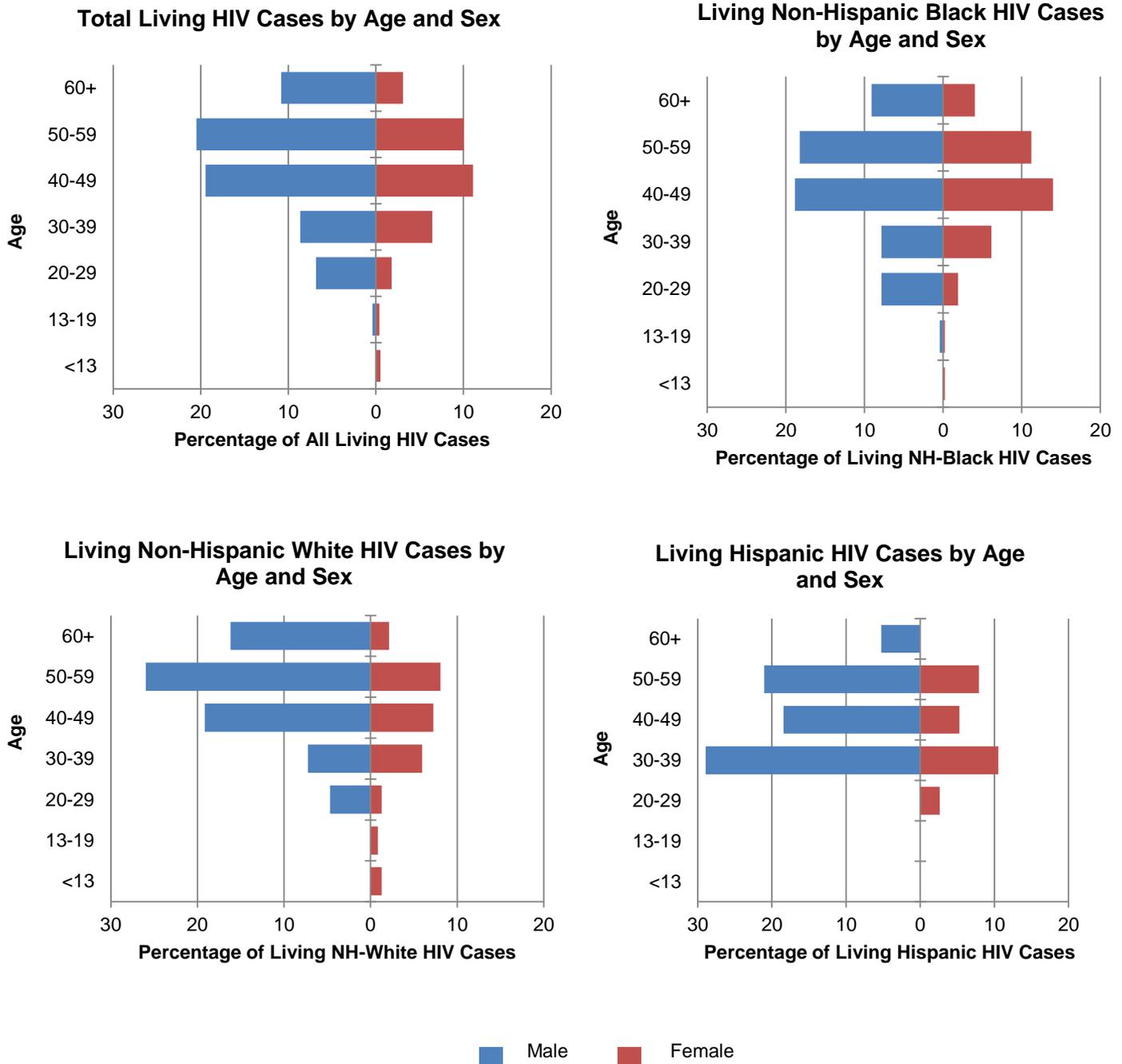
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

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 12/31/2012 and Reported through 12/31/2013



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 12/31/2012 and Reported through 12/31/2013

MALES						
AGE ON 12/31/2012		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	2,702	6,371	23,570	2,321	34,964
	Cases	0	0	0	0	0
	Rate	0.0	0.0	0.0	0.0	0.0
	Ratio (1 in X)	--	--	--	--	--
13-19	Population	1,209	4,062	14,976	954	21,201
	Cases	0	***	0	***	3
	Rate	0.0	***	0.0	***	14.1
	Ratio (1 in X)	--	***	--	***	7,067
20-29	Population	2,182	6,124	20,280	964	29,550
	Cases	***	37	11	***	53
	Rate	***	604.2	54.2	***	179.4
	Ratio (1 in X)	***	165	1,843	***	557
30-39	Population	1,854	4,043	17,028	778	23,703
	Cases	***	37	17	***	67
	Rate	***	915.2	99.8	***	282.7
	Ratio (1 in X)	***	109	1,001	***	353
40-49	Population	1,291	4,852	23,653	819	30,615
	Cases	***	89	45	***	151
	Rate	***	1,834.3	190.3	***	493.2
	Ratio (1 in X)	***	54	525	***	202
50-59	Population	652	4,846	26,622	770	32,890
	Cases	***	86	61	***	159
	Rate	***	1,774.7	229.1	***	483.4
	Ratio (1 in X)	***	56	436	***	206
60+	Population	520	5,381	41,653	766	48,320
	Cases	***	43	38	***	84
	Rate	***	799.1	91.2	***	173.8
	Ratio (1 in X)	***	125	1,096	***	575
TOTAL MALES BY RACE/ ETHNICITY	Population	10,410	35,679	167,782	7,372	221,243
	Cases	28	294	172	23	517
	Rate	269.0	824.0	102.5	312.0	233.7
	Ratio (1 in X)	371	121	975	320	427

*** 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 7/1/2012.

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 12/31/2012 and Reported through 12/31/2013

FEMALES						
AGE ON 12/31/2012		RACE/ETHNICITY				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	2,932	6,274	31,613	3,044	43,863
	Cases	0	1	3	0	4
	Rate	0.0	15.9	9.5	0.0	9.1
	Ratio (1 in X)	--	6,274	10,537	--	10,965
13-19	Population	1,254	3,988	21,151	1,452	27,845
	Cases	0	1	2	0	3
	Rate	0.0	25.1	9.5	0.0	10.8
	Ratio (1 in X)	--	3,987	10,575	--	9,281
20-29	Population	1,783	5,876	26,662	1,330	35,651
	Cases	1	9	3	1	14
	Rate	56.1	153.2	11.3	75.2	39.3
	Ratio (1 in X)	1,783	652	8,887	1,330	2,546
30-39	Population	1,619	4,160	23,976	1,192	30,947
	Cases	4	29	14	3	50
	Rate	247.1	697.1	58.4	251.7	161.6
	Ratio (1 in X)	404	143	1,712	397	618
40-49	Population	1,185	4,897	35,720	1,266	43,068
	Cases	2	66	17	1	86
	Rate	168.8	1,347.8	47.6	79.0	199.7
	Ratio (1 in X)	592	74	2,101	1,266	500
50-59	Population	709	5,264	38,669	1,085	45,727
	Cases	***	53	19	***	78
	Rate	***	1,006.8	49.1	***	170.6
	Ratio (1 in X)	***	99	2,035	***	586
60+	Population	675	7,037	63,014	1,102	71,828
	Cases	***	19	5	***	24
	Rate	***	270.0	7.9	***	33.4
	Ratio (1 in X)	***	370	12,602	***	2,992
TOTAL FEMALES BY RACE/ETHNICITY	Population	10,157	37,496	240,805	10,471	298,929
	Cases	10	178	63	8	259
	Rate	98.5	474.7	26.2	76.4	86.6
	Ratio (1 in X)	1,015	210	3,822	1,308	1,154

*** 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 7/1/2012.

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 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2013

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	23	100.0%	22	95.7%	10	43.5%	100.0%	409
Men who have Sex with Men (MSM)	12	52.2%	12	100.0%	6	50.0%	100.0%	414
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	7	30.4%	7	100.0%	***	***	100.0%	496
Other Exposure	0	0.0%	0	0.0%	0	0.0%	0.0%	--
No Reported Exposure	9		7	77.8%	4	44.4%	88.9%	188
TOTAL	32		29	90.6%	14	43.8%	96.9%	360

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	21	100.0%	20	95.2%	9	42.9%	100.0%	409
Men who have Sex with Men (MSM)	12	57.1%	12	100.0%	6	50.0%	100.0%	414
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***	***	***	***	***
Other Exposure	0	0.0%	0	0.0%	0	0.0%	0.0%	--
No Reported Exposure	4		2	50.0%	2	50.0%	75.0%	144
TOTAL	25		22	88.0%	11	44.0%	96.0%	399

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	***	***	***	***	***	***	***	***
Injection Drug Users (IDU)	0	0.0%	0	0.0%	0	0.0%	0.0%	--
Heterosexual Exposure (HET)	***	***	***	***	***	***	***	***
Other Exposure	0	0.0%	0	0.0%	0	0.0%	0.0%	--
No Reported Exposure	5		5	100.0%	***	***	100.0%	231
TOTAL	7		7	100.0%	***	***	100.0%	245

*** 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 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	19	100.0%	4.1	63.2%
Men who have Sex with Men (MSM)	6	31.6%	2.9	83.3%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***
Heterosexual Exposure (HET)	10	52.6%	3.9	60.0%
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure	8		1.2	62.5%
TOTAL	27		3.3	63.0%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	11	100.0%	3.2	72.7%
Men who have Sex with Men (MSM)	6	54.5%	2.9	83.3%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure	5		0.8	60.0%
TOTAL	16		2.5	68.8%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	8	100.0%	5.4	50.0%
Injection Drug Users (IDU)	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure	3		1.8	66.7%
TOTAL	11		4.4	54.5%

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

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

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

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

Table 20 – Adult/Adolescent Living HIV Cases with and without AIDS by Exposure Category and Sex at Birth, Alive on 12/31/2012 and Reported through 12/31/2013

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	219	100.0%	384	100.0%	603	100.0%
Men who have Sex with Men (MSM)	109	49.8%	141	36.7%	250	41.5%
Injection Drug Users (IDU)	29	13.2%	104	27.1%	133	22.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	7	3.2%	13	3.4%	20	3.3%
Heterosexual Exposure (HET)	74	33.8%	125	32.6%	199	33.0%
Other Exposures	0	0.0%	1	0.3%	1	0.2%
No Reported Exposure	86		72		158	
TOTAL	305		456		761	

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	160	100.0%	258	100.0%	418	100.0%
Men who have Sex with Men (MSM)	109	68.1%	141	54.7%	250	59.8%
Injection Drug Users (IDU)	18	11.3%	67	26.0%	85	20.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	7	4.4%	13	5.0%	20	4.8%
Heterosexual Exposure (HET)	26	16.3%	37	14.3%	63	15.1%
Other Exposures	0	0.0%	0	0.0%	0	0.0%
No Reported Exposure	44		48		92	
TOTAL	204		306		510	

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	59	100.0%	126	100.0%	185	100.0%
Injection Drug Users (IDU)	11	18.6%	37	29.4%	48	25.9%
Heterosexual Exposure (HET)	48	81.4%	88	69.8%	136	73.5%
Other Exposures	0	0.0%	1	0.8%	1	0.5%
No Reported Exposure	42		24		66	
TOTAL	101		150		251	

* Includes 17 HIV cases without AIDS and 10 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 12/31/2012 and Reported through 12/31/2013

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	26	100.0%	363	100.0%	185	100.0%
Men who have Sex with Men (MSM)	12	46.2%	119	32.8%	105	56.8%
Injection Drug Users (IDU)	***	***	90	24.8%	29	15.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	10	2.8%	6	3.2%
Heterosexual Exposure (HET)	7	26.9%	143	39.4%	45	24.3%
Other Exposures	0	0.0%	1	0.3%	0	0.0%
No Reported Exposure	11		104		41	
TOTAL	37		467		226	

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	20	100.0%	237	100.0%	138	100.0%
Men who have Sex with Men (MSM)	12	60.0%	119	50.2%	105	76.1%
Injection Drug Users (IDU)	***	***	61	25.7%	14	10.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	10	4.2%	6	4.3%
Heterosexual Exposure (HET)	***	***	47	19.8%	13	9.4%
Other Exposures	0	0.0%	0	0.0%	0	0.0%
No Reported Exposure	8		54		30	
TOTAL	28		291		168	

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	6	100.0%	126	100.0%	47	100.0%
Injection Drug Users (IDU)	***	***	29	23.0%	15	31.9%
Heterosexual Exposure (HET)	***	***	96	76.2%	32	68.1%
Other Exposures	0	0.0%	1	0.8%	0	0.8%
No Reported Exposure	3		50		11	
TOTAL	9		176		58	

* Includes 2 Hispanic cases, 22 non-Hispanic black cases, and 2 non-Hispanic white cases with Presumed Female Heterosexual exposure

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

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

Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2012 and Reported through 12/31/2013

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	603	385	63.8%	489	13.8%	19.0%	19.0%	48.3%
Men who have Sex with Men (MSM)	250	148	59.2%	506	8.8%	18.9%	21.6%	50.7%
Injection Drug Users (IDU)	133	92	69.2%	458	16.3%	20.7%	20.7%	42.4%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	20	11	55.0%	315	36.4%	18.2%	27.3%	18.2%
Heterosexual Exposure (HET)	199	134	67.3%	529	15.7%	17.9%	14.2%	52.2%
Other Exposures	1	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
No Reported Exposure	158	73	46.2%	499	19.2%	16.4%	15.1%	49.3%
TOTAL	761	458	60.2%	490	14.6%	18.6%	18.3%	48.5%

* Includes 27 cases with Presumed Female Heterosexual exposure

Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2012 and Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Results			
		No. with Test	% with Test	% Suppressed	Median Count
With Exposure	603	360	59.7%	76.1%	7,144
Men who have Sex with Men (MSM)	250	147	58.8%	76.9%	15,114
Injection Drug Users (IDU)	133	75	56.4%	74.7%	1,830
Men who have Sex with Men and Inject Drugs (MSM/IDU)	20	11	55.0%	81.8%	285
Heterosexual Exposure (HET)	199	127	63.8%	75.6%	6,410
Other Exposures	1	0	0.0%	0.0%	--
No Reported Exposure	158	68	43.0%	72.1%	10,993
TOTAL	761	428	56.2%	75.5%	7,620

* Includes 27 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.

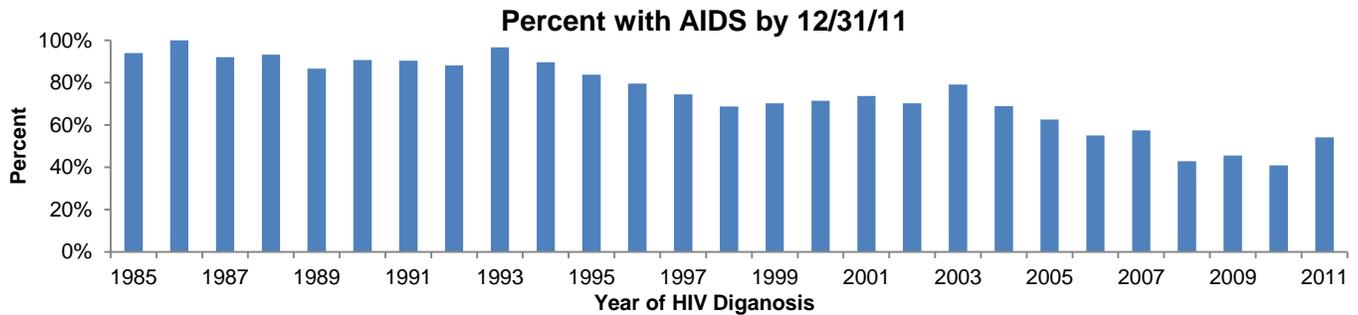
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

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, 1985-2011, Reported through 12/31/2013

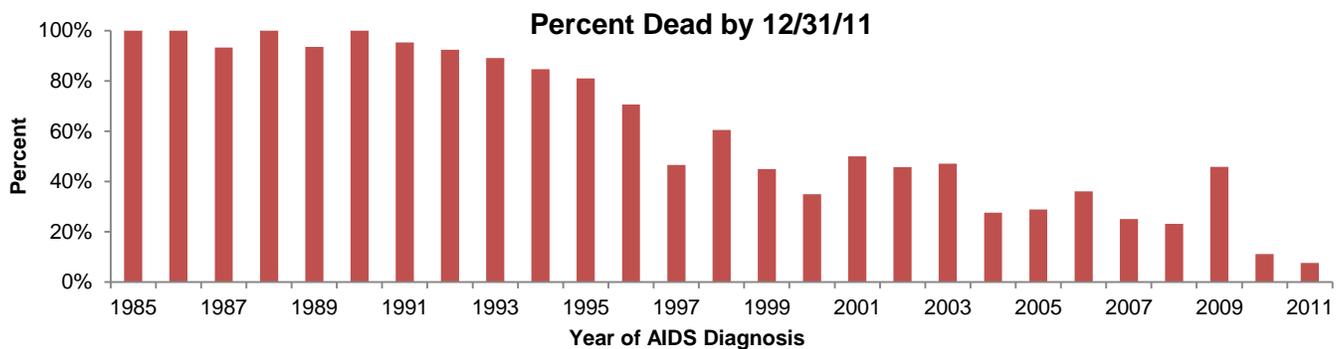
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/11 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2012 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2012, 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 2011, as Reported by Name through 12/31/2013



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	8	8	100.0%	0.8	87.5%	87.5%	87.5%	100.0%
1985	17	16	94.1%	3.9	58.8%	58.8%	64.7%	82.4%
1986	20	20	100.0%	3.1	50.0%	55.0%	75.0%	95.0%
1987	38	35	92.1%	4.9	36.8%	36.8%	57.9%	76.3%
1988	45	42	93.3%	3.7	48.9%	53.3%	73.3%	82.2%
1989	75	65	86.7%	4.0	40.0%	44.0%	57.3%	81.3%
1990	54	49	90.7%	3.4	38.9%	42.6%	61.1%	85.2%
1991	74	67	90.5%	3.0	45.9%	50.0%	66.2%	86.5%
1992	67	59	88.1%	3.9	40.3%	46.3%	64.2%	79.1%
1993	62	60	96.8%	2.6	53.2%	66.1%	83.9%	90.3%
1994	78	70	89.7%	2.1	62.8%	67.9%	75.6%	83.3%
1995	68	57	83.8%	2.1	52.9%	57.4%	72.1%	82.4%
1996	49	39	79.6%	3.1	44.9%	46.9%	55.1%	75.5%
1997	55	41	74.5%	1.4	56.4%	58.2%	67.3%	72.7%
1998	64	44	68.8%	2.9	43.8%	46.9%	51.6%	59.4%
1999	57	40	70.2%	1.7	56.1%	57.9%	59.6%	64.9%
2000	35	25	71.4%	1.5	51.4%	51.4%	65.7%	68.6%
2001	57	42	73.7%	1.3	56.1%	59.6%	64.9%	73.7%
2002	37	26	70.3%	1.3	51.4%	56.8%	64.9%	67.6%
2003	48	38	79.2%	1.4	62.5%	64.6%	70.8%	79.2%
2004	45	31	68.9%	1.7	48.9%	48.9%	57.8%	68.9%
2005	48	30	62.5%	1.1	52.1%	52.1%	58.3%	62.5%
2006	49	27	55.1%	0.8	46.9%	46.9%	55.1%	55.1%
2007	40	23	57.5%	1.1	47.5%	47.5%	52.5%	57.5%
2008	42	18	42.9%	0.7	33.3%	35.7%	42.9%	42.9%
2009	44	20	45.5%	0.3	45.5%	45.5%	45.5%	45.5%
2010	44	18	40.9%	0.3	36.4%	40.9%	40.9%	40.9%
2011	48	26	54.2%	0.2	52.1%	54.2%	54.2%	54.2%
TOTAL	1,368	1,036	75.7%	2.4	48.9%	52.1%	62.1%	71.8%

Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2011, Reported through 12/31/2012

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/11 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2012 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2012, 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 2011, as Reported by Name through 12/31/2013

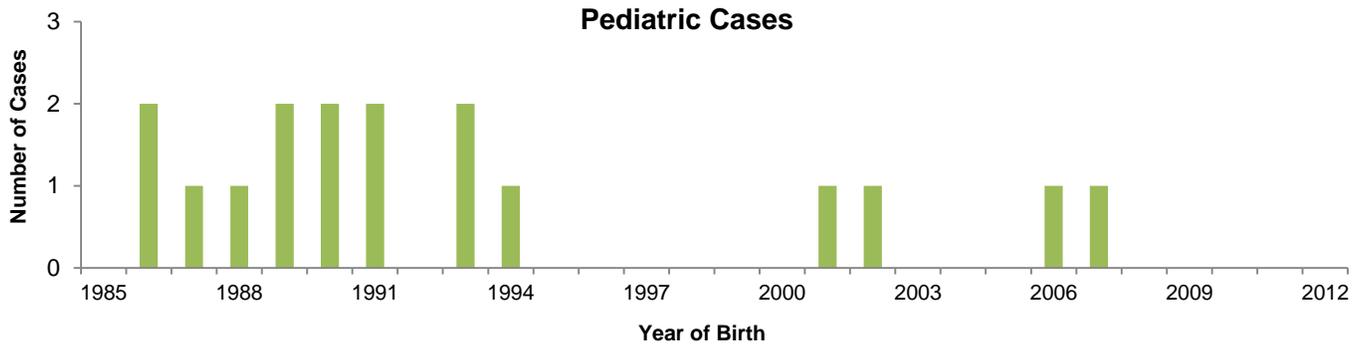


YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	7	7	100.0%	0.4	14.3%	0.0%	0.0%	0.0%
1985	10	10	100.0%	0.5	30.0%	0.0%	0.0%	0.0%
1986	9	9	100.0%	0.8	33.3%	22.2%	0.0%	0.0%
1987	15	14	93.3%	2.5	60.0%	40.0%	13.3%	13.3%
1988	20	20	100.0%	1.8	60.0%	25.0%	10.0%	0.0%
1989	31	29	93.5%	2.8	58.1%	41.9%	19.4%	12.9%
1990	32	32	100.0%	2.5	75.0%	46.9%	12.5%	0.0%
1991	43	41	95.3%	2.4	69.8%	44.2%	18.6%	7.0%
1992	39	36	92.3%	2.4	61.5%	38.5%	15.4%	12.8%
1993	55	49	89.1%	2.8	76.4%	54.5%	27.3%	14.5%
1994	78	66	84.6%	3.6	74.4%	60.3%	34.6%	21.8%
1995	63	51	81.0%	3.9	71.4%	61.9%	47.6%	25.4%
1996	34	24	70.6%	4.1	79.4%	73.5%	52.9%	35.3%
1997	58	27	46.6%	5.3	89.7%	82.8%	72.4%	62.1%
1998	38	23	60.5%	4.4	81.6%	76.3%	57.9%	47.4%
1999	49	22	44.9%	5.5	95.9%	89.8%	77.6%	61.2%
2000	43	15	34.9%	2.9	86.0%	79.1%	74.4%	65.1%
2001	40	20	50.0%	2.2	75.0%	72.5%	57.5%	50.0%
2002	46	21	45.7%	4.4	87.0%	82.6%	71.7%	56.5%
2003	34	16	47.1%	2.3	76.5%	67.6%	61.8%	52.9%
2004	40	11	27.5%	3.4	92.5%	85.0%	82.5%	72.5%
2005	52	15	28.8%	3.2	88.5%	88.5%	80.8%	71.2%
2006	36	13	36.1%	1.9	80.6%	77.8%	66.7%	63.9%
2007	20	5	25.0%	1.3	90.0%	90.0%	75.0%	75.0%
2008	39	9	23.1%	1.1	84.6%	82.1%	76.9%	76.9%
2009	24	11	45.8%	1.4	70.8%	66.7%	54.2%	54.2%
2010	36	4	11.1%	0.6	91.7%	88.9%	88.9%	88.9%
2011	40	3	7.5%	0.1	92.5%	92.5%	92.5%	92.5%
TOTAL	1,031	603	58.5%	3.0	78.5%	68.3%	53.8%	44.5%

Section IX – Pediatric Cases

Figure 11 – Trends in Pediatric HIV Cases, 1985-2012, Reported through 12/31/2013

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 2012, as Reported by Name through 12/31/2013



YEAR	Pediatric Reported HIV Diagnoses				Pediatric Total Living HIV Cases
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on 12/31 of Each Year
<1985	6	0	0	0	--
1985	0	1	1	0	1
1986	2	1	0	0	2
1987	1	0	0	0	2
1988	1	1	0	0	3
1989	2	0	0	1	2
1990	2	1	0	0	3
1991	2	5	1	0	8
1992	0	3	2	1	9
1993	2	1	1	0	9
1994	1	1	2	0	10
1995	0	0	0	2	10
1996	0	1	1	1	9
1997	0	2	0	0	11
1998	0	0	0	0	11
1999	0	1	0	0	12
2000	0	0	0	0	12
2001	1	0	1	0	12
2002	1	0	1	0	12
2003	0	1	0	0	13
2004	0	1	0	0	14
2005	0	0	0	0	14
2006	1	0	0	1	13
2007	1	1	0	0	14
2008	0	0	2	0	14
2009	0	1	0	0	15
2010	0	1	0	0	16
2011	0	0	0	0	16
2012	0	0	1	0	15
TOTAL	23	23	13	6	--

Table 24 – Pediatric HIV Diagnoses during 2012 and Pediatric Total Living HIV Cases, Alive on 12/31/2012, by Jurisdiction, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Caroline	0	0.0%	1	6.7%
Cecil	0	0.0%	3	20.0%
Dorchester	0	0.0%	4	26.7%
Kent	0	0.0%	1	6.7%
Queen Anne's	0	0.0%	0	0.0%
Somerset	0	0.0%	1	6.7%
Talbot	0	0.0%	2	13.3%
Wicomico	0	0.0%	1	6.7%
Worcester	0	0.0%	2	13.3%
TOTAL	0	100.0%	15	100.0%

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

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

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

Table 25 – Pediatric HIV Diagnosis during 2012 and Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013

SEX AT BIRTH	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Male	0	0.0%	7	46.7%
Female	0	0.0%	8	53.3%
TOTAL	0	100.0%	15	100.0%

RACE/ETHNICITY	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Hispanic	0	0.0%	1	6.7%
Non-Hispanic	0	0.0%	14	93.3%
American Indian/ Alaska Native, only	0	0.0%	0	0.0%
Asian, only	0	0.0%	0	0.0%
Black, only	0	0.0%	5	35.7%
Native Hawaiian/Other Pacific Islander, only	0	0.0%	0	0.0%
White, only	0	0.0%	9	64.3%
Multiracial/Other	0	0.0%	0	0.0%
TOTAL	0	100.0%	15	100.0%

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

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

Glossary of Terms

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Live Births: Babies born alive in the general population.

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

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

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

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

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

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

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

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 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 7/1/2012.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2012.

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

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

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

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

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

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

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

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

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

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

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