

Maryland HIV Progress Report

October 2016

Quick Stats

- During 2014, Maryland was ranked fourth among U.S. states and territories in estimated adult/adolescent HIV diagnosis rates and ranked ninth in cumulative number of AIDS cases (39,656). †
- Baltimore-Columbia-Towson metropolitan statistical area (MSA) had the tenth highest estimated adult/adolescent HIV diagnosis rate of any major metropolitan area, per 100,000 population. †
- In 2014, in Maryland, among individuals newly identified as being HIV-positive and with reported exposure, the greatest proportion of cases included Black men who have sex with men (MSM) (36.9%), Black heterosexual females (HET) (21.0%), and Black heterosexual males (HET) (11.6%).††

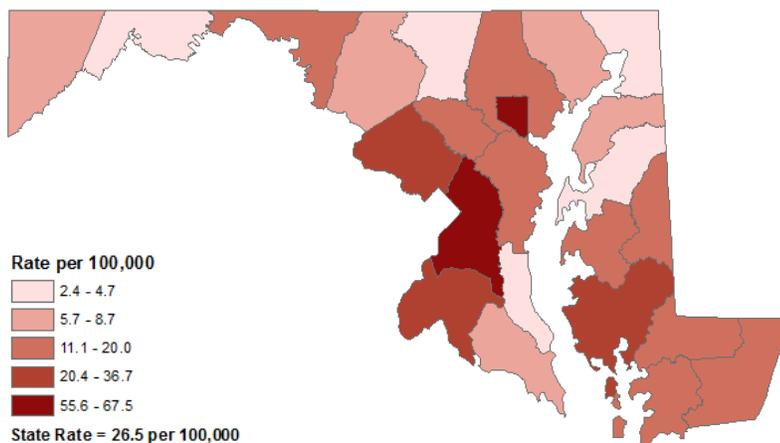
Purpose: This report aims to provide a summary of Maryland's progress in response to the HIV epidemic, specifically in regards to accomplishing the 2020 goals of the National HIV/AIDS Strategy (NHAS). This report uses state and national surveillance data as measures to evaluate the annual progress of reducing new HIV infections, increasing access to care and improving health outcomes, and reducing HIV-related health disparities. Yearly evaluations will improve inter-agency coordination, encourage progress, and ultimately enhance health outcomes in Maryland.

2015 General Demographics	U.S. §	Maryland§	Baltimore City§
Population	321,418,821	6,006,401	621,849
Socio-economic			
In Poverty	14.7%	10.1%	23.6%
No Health Insurance	9.4%	7.9%	8.5%
High School/GED or less	40.4%	36.1%	47.3%
Age			
< 13 ^{§§}	16.4%	16.2%	16.0%
13-24 ^{§§}	16.2%	15.8%	16.0%
25-34	13.7%	13.8%	18.5%
35-44	12.7%	12.9%	12.1%
45-54	13.4%	14.7%	12.9%
55-64	12.7%	12.8%	12.1%
≥ 65	14.9%	13.8%	12.3%
Sex			
Male	49.2%	48.5%	47.1%
Female	50.8%	51.5%	52.9%
Race/Ethnicity†			
Black	12.3%	29.4%	62.1%
White	61.5%	52.0%	28.3%
Hispanic	17.6%	9.5%	4.8%
Asian	5.3%	6.5%	2.8%
Other	2.7%	2.5%	2.1%

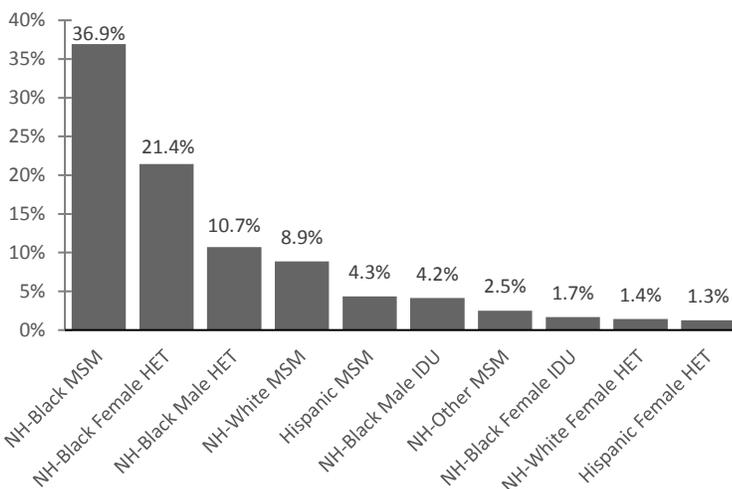
HIV/AIDS Data*	U.S.†	Maryland††	Baltimore City††
HIV Diagnoses	40,493	1,334	353
Living HIV/AIDS Cases	949,331	29,961	10,709
Living AIDS Cases	526,172	16,527	6,360
Reported AIDS Deaths ^Ω	11,964	428	236

HIV Diagnoses during 2015			
Age at HIV Diagnosis			
< 13	0.4%	0.0%	0.0%
13-24	22.1%	18.9%	21.5%
25-34	31.4%	31.8%	31.2%
35-44	20.2%	19.7%	15.9%
45-54	16.5%	18.8%	21.0%
55-64	7.4%	8.2%	9.1%
≥ 65	2.1%	2.5%	1.4%
Sex at Birth			
Male	80.7% ^β	72.4%	74.8%
Female	18.9% ^β	27.6%	25.2%
Race/Ethnicity			
Black	43.5%	75.7%	83.9%
White	27.1%	13.3%	9.3%
Hispanic	24.3%	7.1%	4.0%
Asian	2.3%	1.4%	0.6%
Other	2.8%	2.4%	2.3%

Maryland Adult/Adolescent HIV Diagnoses, Rates by Jurisdiction, 2015



Maryland Adult/Adolescent HIV Diagnoses during 2015 by Sex at Birth, Race/Ethnicity, and Exposure Category, Reported through 6/30/2016^{α**}



† Data Source: Centers for Disease Control and Prevention. HIV Surveillance Report, 2014, vol. 26, by residence at HIV/AIDS diagnosis. ^βAdult/Adolescent HIV Diagnoses

§ Data Source: 2015 American Community Survey ^{§§} Estimated values † Non-Hispanic

*2015 HIV Cases Reported by Name through 6/30/2016. HIV diagnoses by address at HIV diagnosis. Living HIV/AIDS cases and living AIDS cases by current address. AIDS deaths by address at AIDS diagnosis

^Ω Reported deaths are for 2014 due to reporting lag ^α Risk estimation and redistribution using multiple imputation method

**MSM: Men who have Sex with Men | HET: Heterosexual Exposure | IDU: Injection Drug User | NH = Non-Hispanic

†† Data Source: Maryland Department of Health and Mental Hygiene's (DHMH) Enhanced HIV/AIDS Reporting System (eHARS), Geocoded Data, for current Maryland residents, as of 6/30/2016

National HIV/AIDS Strategy (NHAS)

On July 20, 2015, the White House released the updated [National HIV/AIDS Strategy for the United States](#) in an effort to re-focus the response to the HIV epidemic in the U.S. The document summarizes a set of priorities and strategic action steps with measurable goals to be achieved by 2020. The NHAS identifies three primary goals: 1) Reduce the number of new HIV infections, 2) Increase access to care and improve health outcomes for people living with HIV (PLWH), and 3) Reduce HIV-related health disparities and inequities. In response to the NHAS, Maryland developed objectives consistent with NHAS goals to be locally relevant and measurable using Maryland adult/adolescent HIV surveillance data. Maryland 2020 goals were calculated using 2010 baseline data.

NHAS Indicators	Maryland 2010 Baseline**	Maryland 2013**	Maryland 2014**	Maryland 2015**	Maryland 2020 Goals	Maryland Progress
Reducing New HIV Infections						
Increase the percentage of people living with HIV who know their serostatus to at least 90% ¹	84.6	83.7	N/A	N/A	90.0%	■
Reduce the number of new HIV diagnoses by at least 25%	1,780	1,323	1,312	1,334	1,335	■
Reduce the percentage of young gay and bisexual men who have engaged in HIV risk behaviors by at least 10% [†]	N/A	30.7	N/A	25.8	27.7%	■
Increasing Access to Care and Improving Health Outcomes						
Increase the percentage of newly diagnosed persons linked to HIV medical care within three months of diagnosis to at least 85%	61.2%	75.7%	78.5%	83.0%	85.0%	■
Increase the percentage of persons with diagnosed HIV infection who are retained in HIV medical care to at least 90%	63.2%	73.5%	73.2%	72.0%	90.0%	■
Increase the percentage of persons with diagnosed HIV infection who are virally suppressed to at least 80% [‡]	35.9%	46.3%	48.5%	48.9%	80.0%	■
Reduce the death rate among persons with diagnosed HIV infection by at least 33%	21.0	18.3	15.5	--	14.1	■
Reducing HIV-Related Health Disparities and Health Inequities						
Reduce disparities in the rate of new diagnoses by at least 15% among gay and bisexual men [§]	% of HIV Diagnoses 46.5%	49.3%	51.8%	54.3%	--	■
Disparity Ratio	12.9	14.7	14.5	15.2	11.0	
Reduce disparities in the rate of new diagnoses by at least 15% among young Black gay and bisexual men [§]	% of HIV Diagnoses 11.5%	11.8%	11.6%	11.7%	--	■
Disparity Ratio	58.6	62.0	61.6	63.4	49.8	
Reduce disparities in the rate of new diagnoses by at least 15% among Black females	0.68	0.50	0.55	0.52	0.57	■
Increase the percentage of youth with diagnosed HIV infection who are virally suppressed to at least 80% [‡]	18.1%	29.8%	32.4%	35.4%	80.0%	■
Increase the percentage of persons who inject drugs with diagnosed HIV infection who are virally suppressed to at least 80% [‡]	37.4%	37.5%	37.5%	37.5%	80.0%	■

■ Annual target met ■ Annual target not met, progress in expected direction ■ Annual target not met, progress in opposite direction -- Unable to calculate

** Data Source: Maryland Department of Health and Mental Hygiene's (DHMH) Enhanced HIV/AIDS Reporting System (eHARS), Geocoded Data, as of 6/30/2016

† Data Source: Youth Risk Behavioral Surveillance System. Baseline: 2013, grades 9 - 12. Data not collected in 2014. ‡ Data Source: Centers for Disease Control and Prevention, HIV Surveillance Report 2014, vol 21, June 26, 2015

§ Viral suppression is defined as the most recent viral load test that was less than 200 copies per milliliter.

¶ Living adults/adolescents ages 13-24 diagnosed with HIV § Risk estimation and redistribution using multiple imputation method

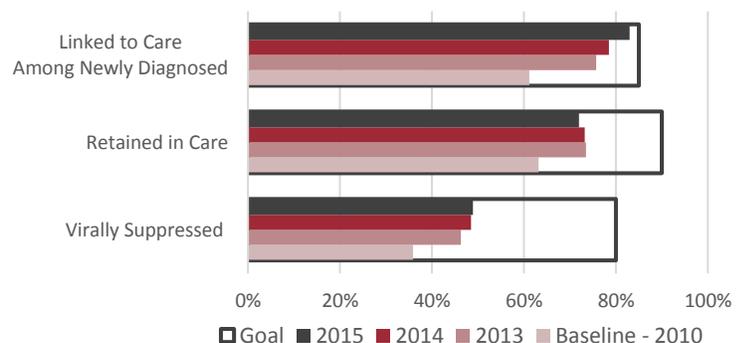
Limitations:

- Lab 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.
- 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 and deaths due to delays in reporting.

Summary:

- The percentage of new HIV diagnoses that are in care within three months of diagnosis increased from **79% in 2014 to 83% in 2015**.
- According to the U.S. HIV/AIDS Continuum of Care,² of the **1.1 million** individuals living with HIV/AIDS, an estimated 30% have a suppressed viral load. Of the **29,961** current Maryland residents living with HIV/AIDS, approximately **48.9%** have a suppressed viral load.

Maryland Progress towards NHAS Goals Related to the Continuum of Care**



² <http://aids.gov/federal-resources/policies/care-continuum/index.html>, HIV/AIDS Care Continuum