



HIV IN THE MARYLAND PORTION OF THE WASHINGTON METROPOLITAN AREA

**PLANNING COUNCIL FOR SUBURBAN MARYLAND
JULY 6, 2015**

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**Maryland Department of Health and Mental Hygiene
Prevention and Health Promotion Administration**



MISSION AND VISION

MISSION

- The mission of the Prevention and Health Promotion Administration is to protect, promote and improve the health and well-being of all Marylanders and their families through provision of public health leadership and through community-based public health efforts in partnership with local health departments, providers, community based organizations, and public and private sector agencies, giving special attention to at-risk and vulnerable populations.

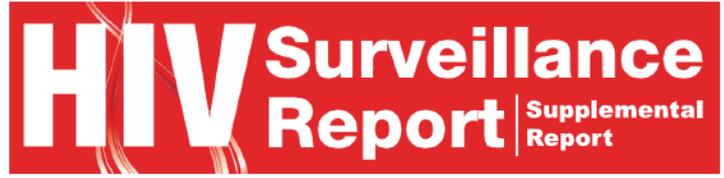
VISION

- The Prevention and Health Promotion Administration envisions a future in which all Marylanders and their families enjoy optimal health and well-being.



National Data

U.S. Prevalence



Volume 19, Number 3

**Monitoring Selected National
HIV Prevention and Care Objectives
by Using HIV Surveillance Data—
United States and
6 Dependent Areas—2012**

- CDC estimated 1,201,100 adults/adolescents were living with HIV at the end of 2011
- 14.0% were undiagnosed

Living Adult/Adolescent HIV Diagnoses, Year-end 2012 Ranked by Estimated Rates

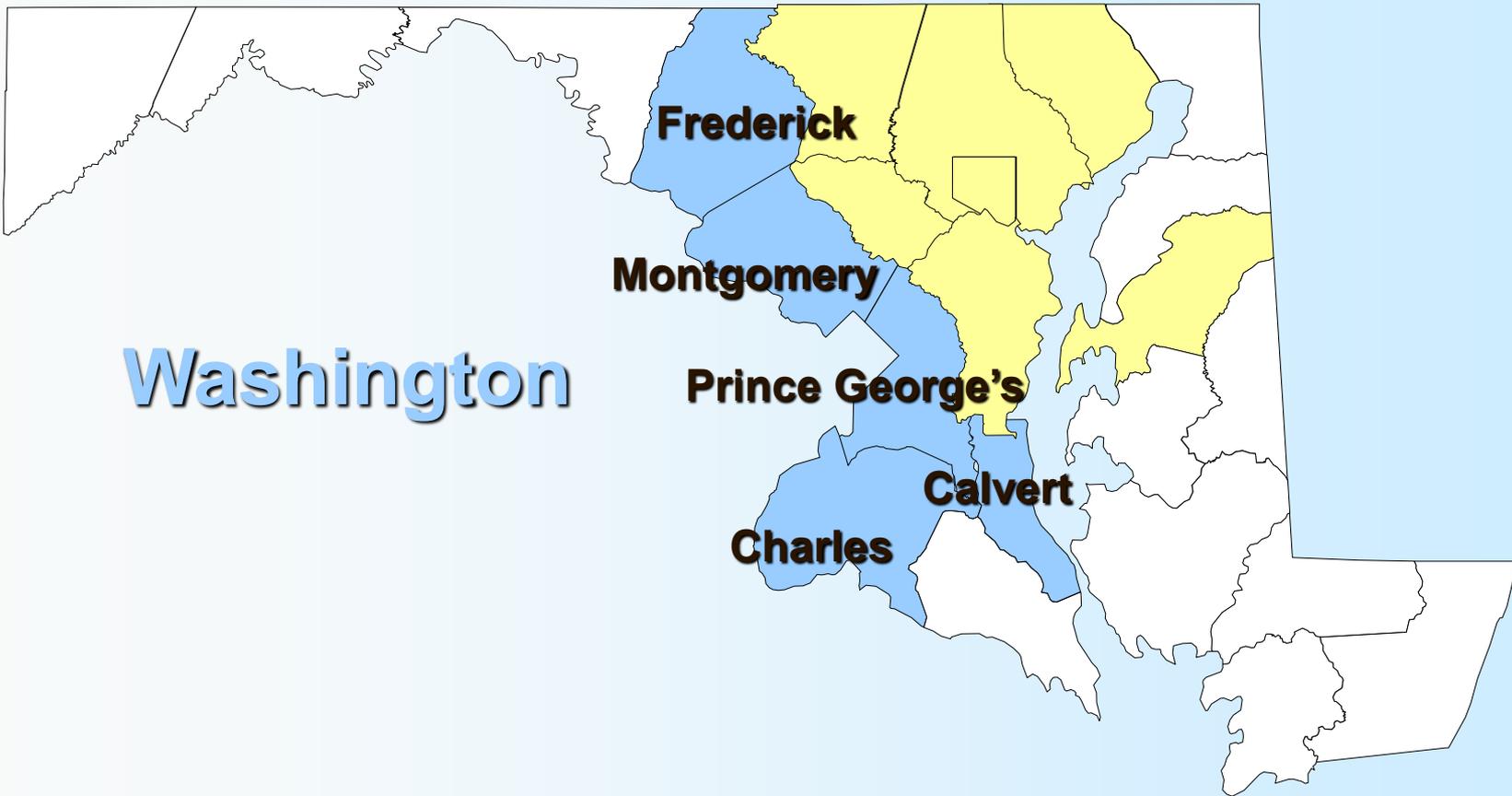


<u>STATE/TERRITORY</u>	<u>Reported Cases</u>	<u>Estimated Cases</u>	<u>Estimated Rate per 100,000</u>
1. District of Columbia	14,989	15,505	2,812.4
2. New York	129,987	129,379	782.0
3. Virgin Islands	600	608	688.7
4. Maryland	30,293	31,067	631.1
5. Puerto Rico	18,386	18,442	600.2
6. Florida	99,209	98,650	599.0
7. New Jersey	37,137	38,115	513.3
8. Louisiana	18,535	18,430	485.8
9. Georgia	38,357	39,102	481.8
10. Delaware	3,029	3,010	391.0
<i>United States</i>	<i>927,148</i>	<i>931,449</i>	<i>352.3</i>

Maryland Ryan White Eligible Metropolitan Areas



Baltimore-Towson



Living HIV Diagnoses, Year-end 2012, Ranked by Estimated Rates



	Reported <u>Cases</u>	<u>Estimated</u> Cases	Rate per <u>100,000</u>
<u>METROPOLITAN AREA</u>			
1. Miami-Fort Lauderdale-West Palm Beach, FL	51,630	51,349	891.0
2. New York-Newark-Jersey City, NY-NJ-PA	143,939	144,282	727.3
3. Baltimore-Columbia-Towson, MD	17,992	18,288	664.1
4. New Orleans-Metairie, LA	8,153	8,101	659.9
5. Jackson, MS	3,354	3,307	573.7
6. Washington-Arlington-Alexandria, DC-VA-MD-WV	32,649	33,595	573.0
7. San Juan-Carolina-Caguas, PR	13,112	13,169	570.9
8. San Francisco-Oakland-Hayward, CA	24,498	24,556	551.3
9. Baton Rouge, LA	4,449	4,425	543.0
10. Memphis, TN-MS-AR	7,373	7,233	539.5
15. Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	26,151	25,920	430.6
<i>United States*</i>	928,953	933,295	293.9

* 50 states, DC, and Puerto Rico, only.
CDC. HIV Surveillance Report, 2013. Vol. 25. Table 22.

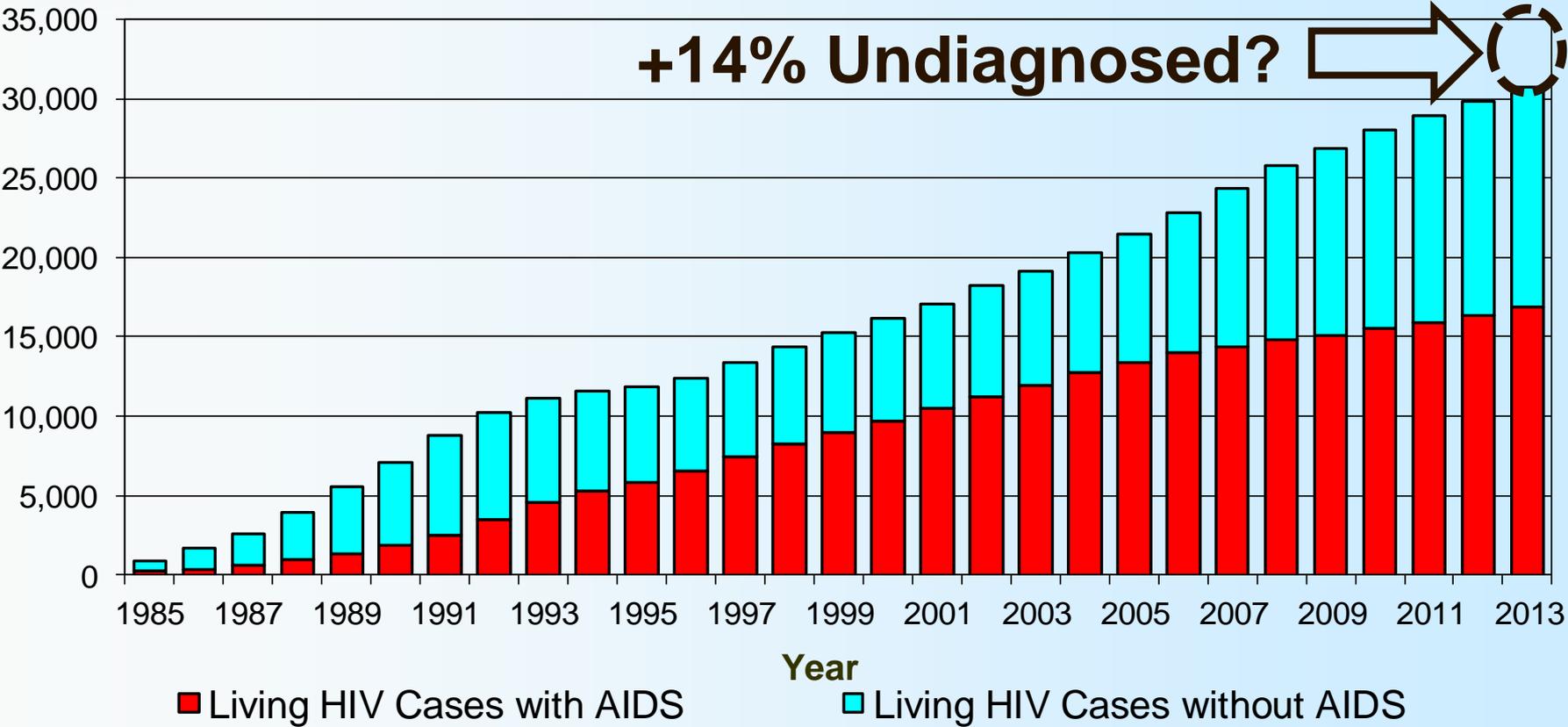


State Data

Maryland Adult/Adolescent Living HIV Cases

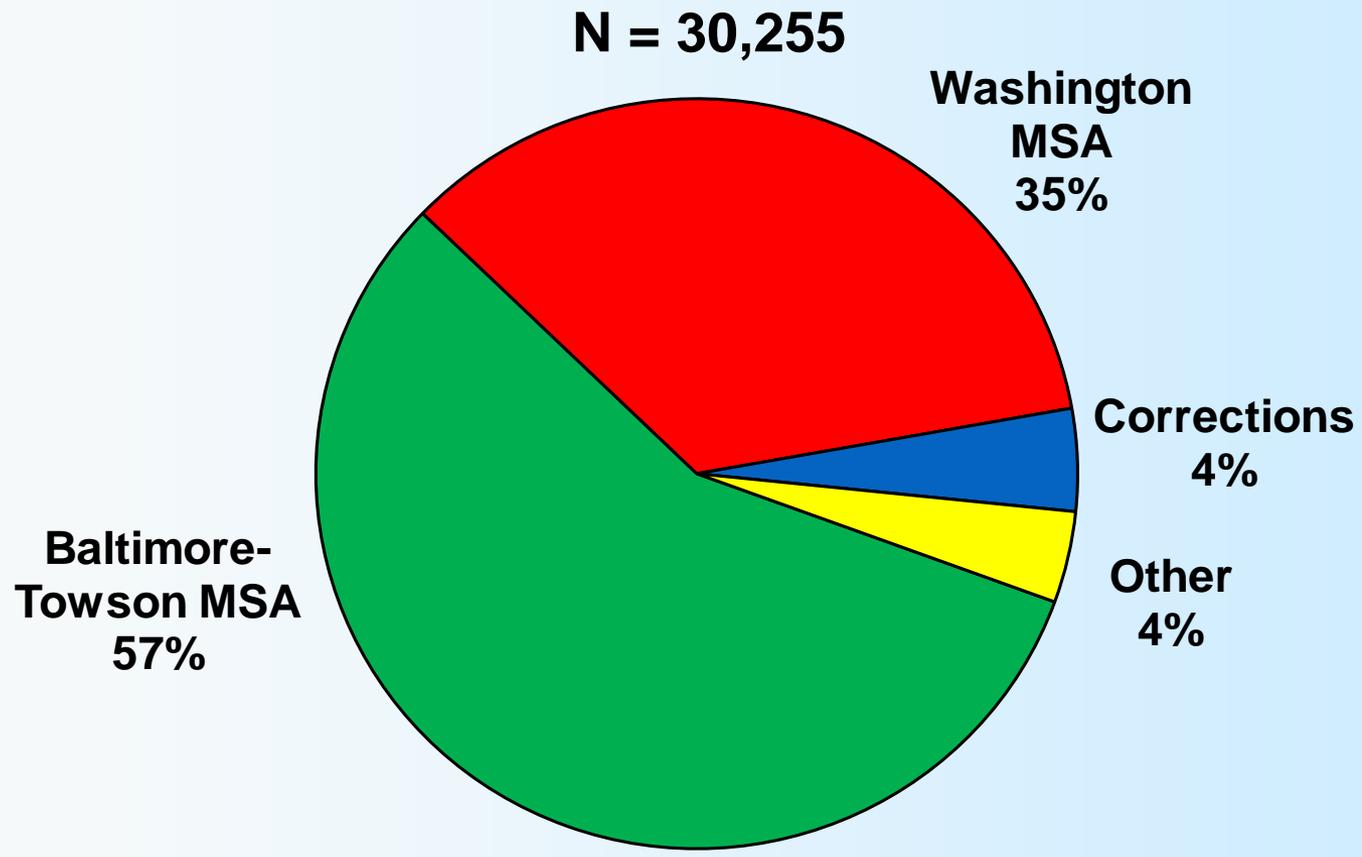


Number of Cases



Using data as reported through 12/31/2014

Maryland Adult/Adolescent Living HIV Cases by MSA, 12/31/13



Using data as reported through 12/31/2014

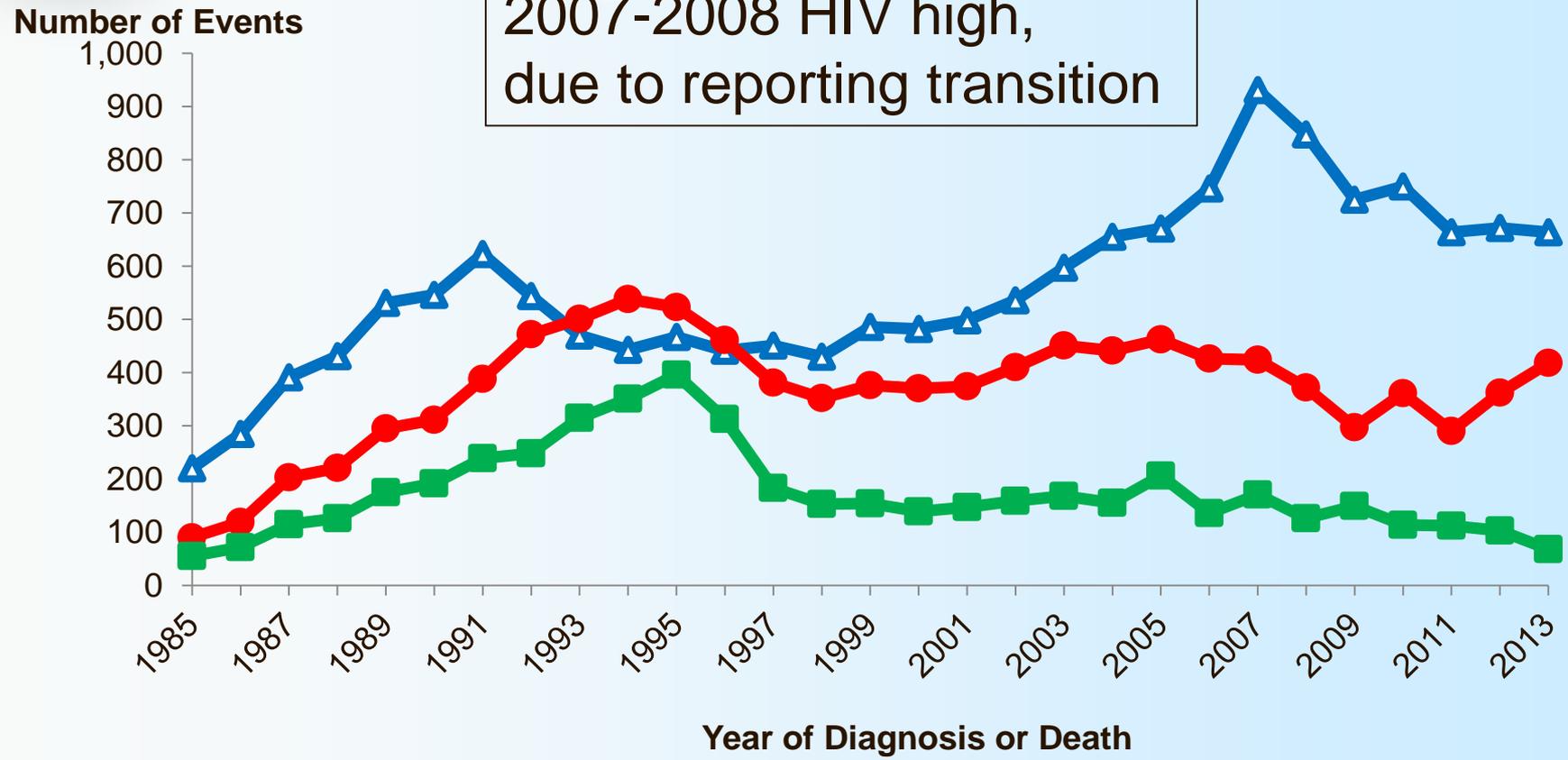


Regional Data

Washington MSA (MD) Adult/Adolescent HIV Trends



2007-2008 HIV high,
due to reporting transition



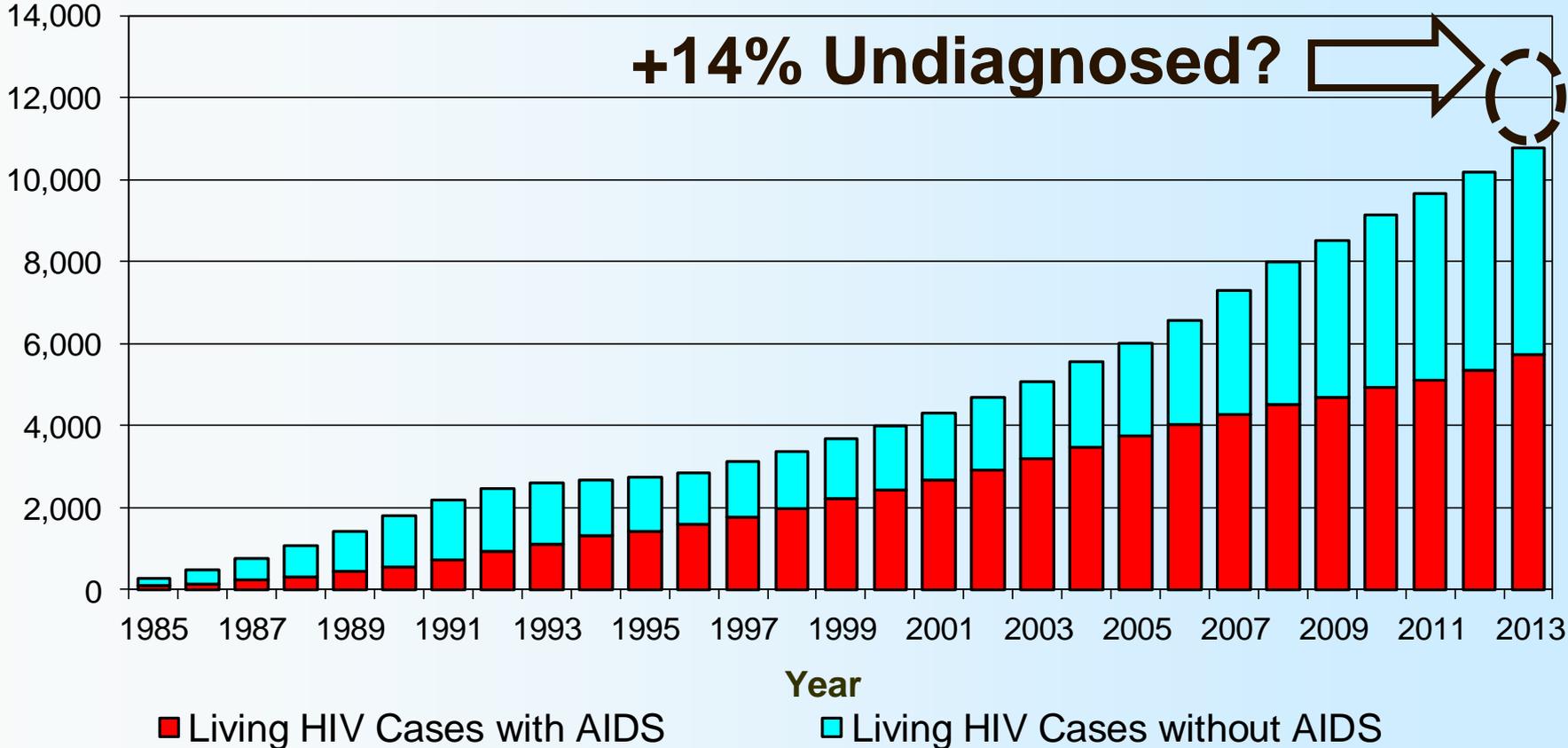
▲ Reported HIV Diagnoses ● Reported AIDS Diagnoses ■ Reported AIDS Deaths

Using data as reported through 12/31/2014

Washington MSA (MD) Adult/ Adolescent Living HIV Cases



Number of Cases



Using data as reported through 12/31/2014



Adult/Adolescent Cases Washington MSA (MD)

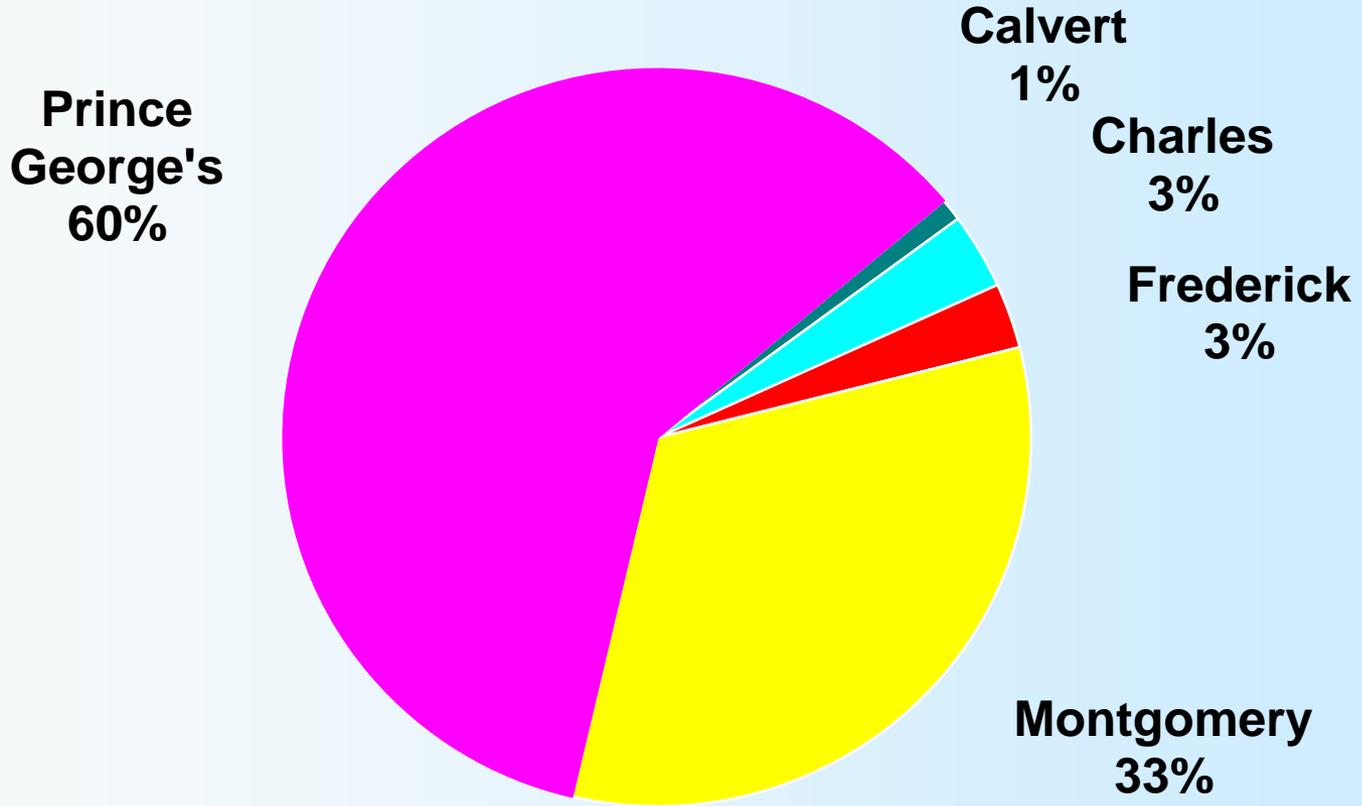
	Reported HIV Diagnoses during 2013	Living HIV Cases on 12/31/2013
Washington MSA (MD)	663	10,605
Calvert	2	104
Charles	33	352
Frederick	15	303
Montgomery	198	3,459
Prince George's	415	6,387

Using data as reported through 12/31/2014

Washington MSA (MD), Living Adult/Adolescent HIV Cases by County, 12/31/13



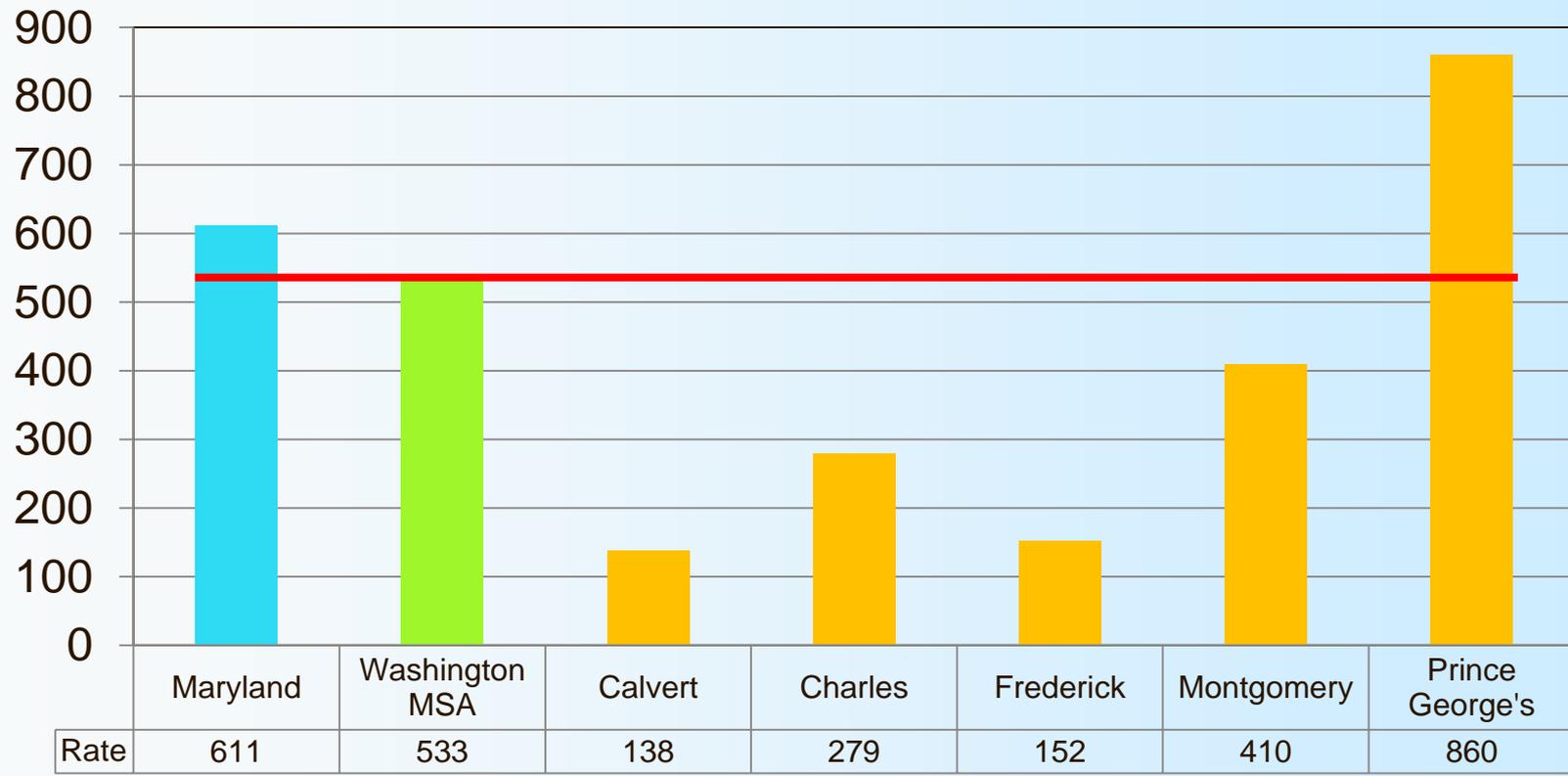
N = 10,605



Using data as reported through 12/31/2014



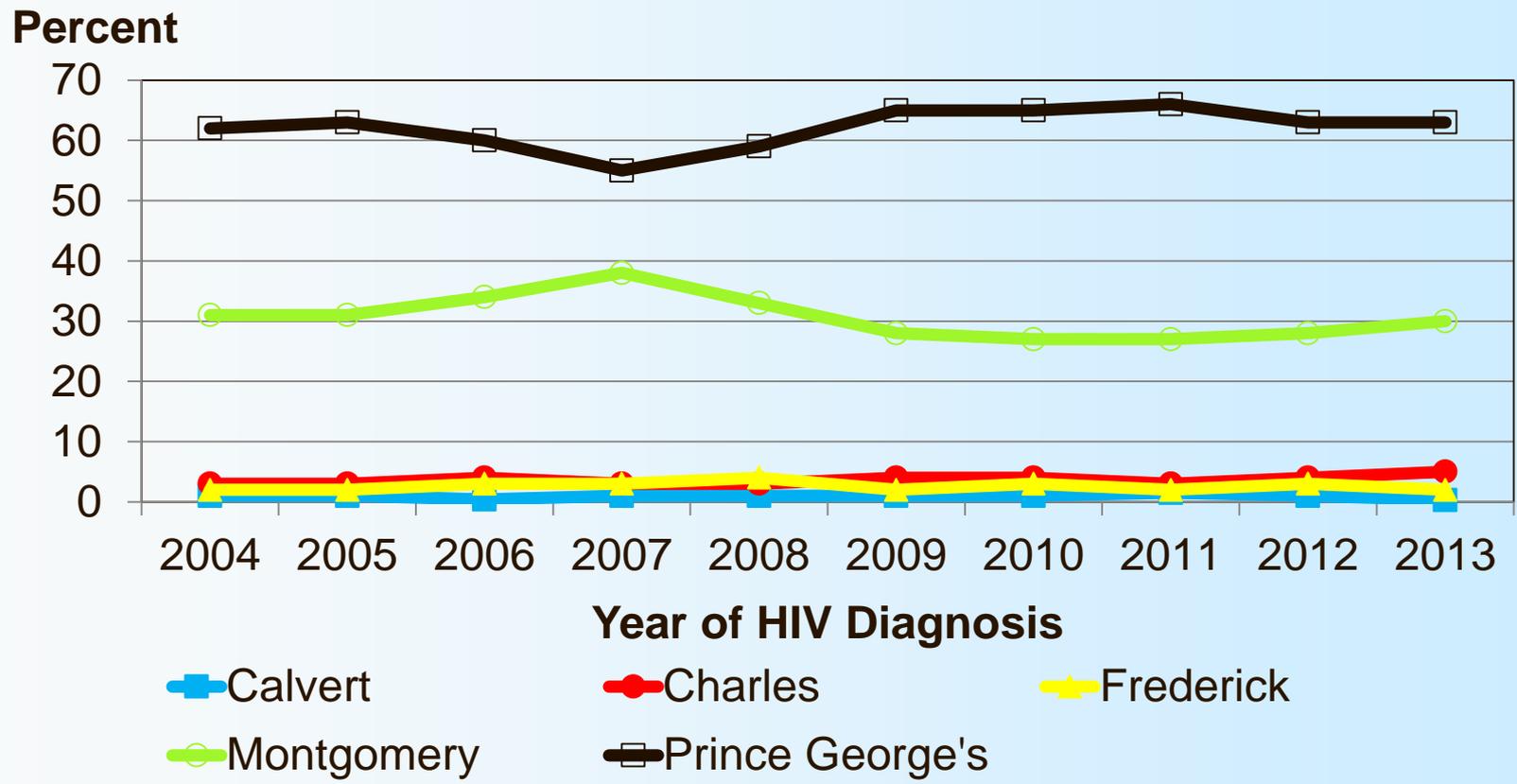
Living Adult/Adolescent HIV Case Rates per 100,000 Population by County, Washington MSA (MD), 12/31/13



Population on 7/1/13. Cases on 12/31/13
as reported through 12/31/14

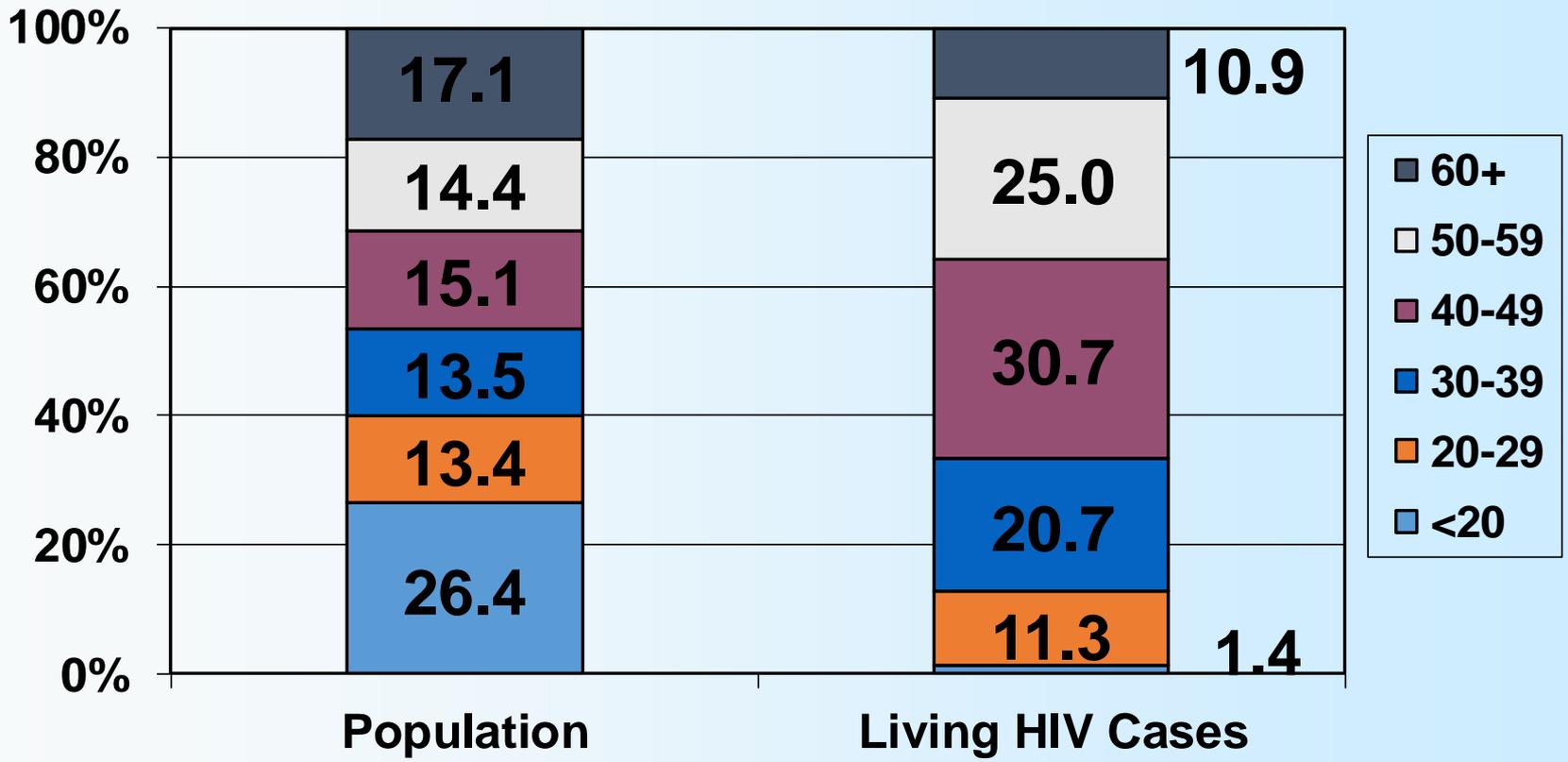


Washington MSA (MD) Adult/ Adolescent HIV Diagnosis Trends by Residence at Diagnosis



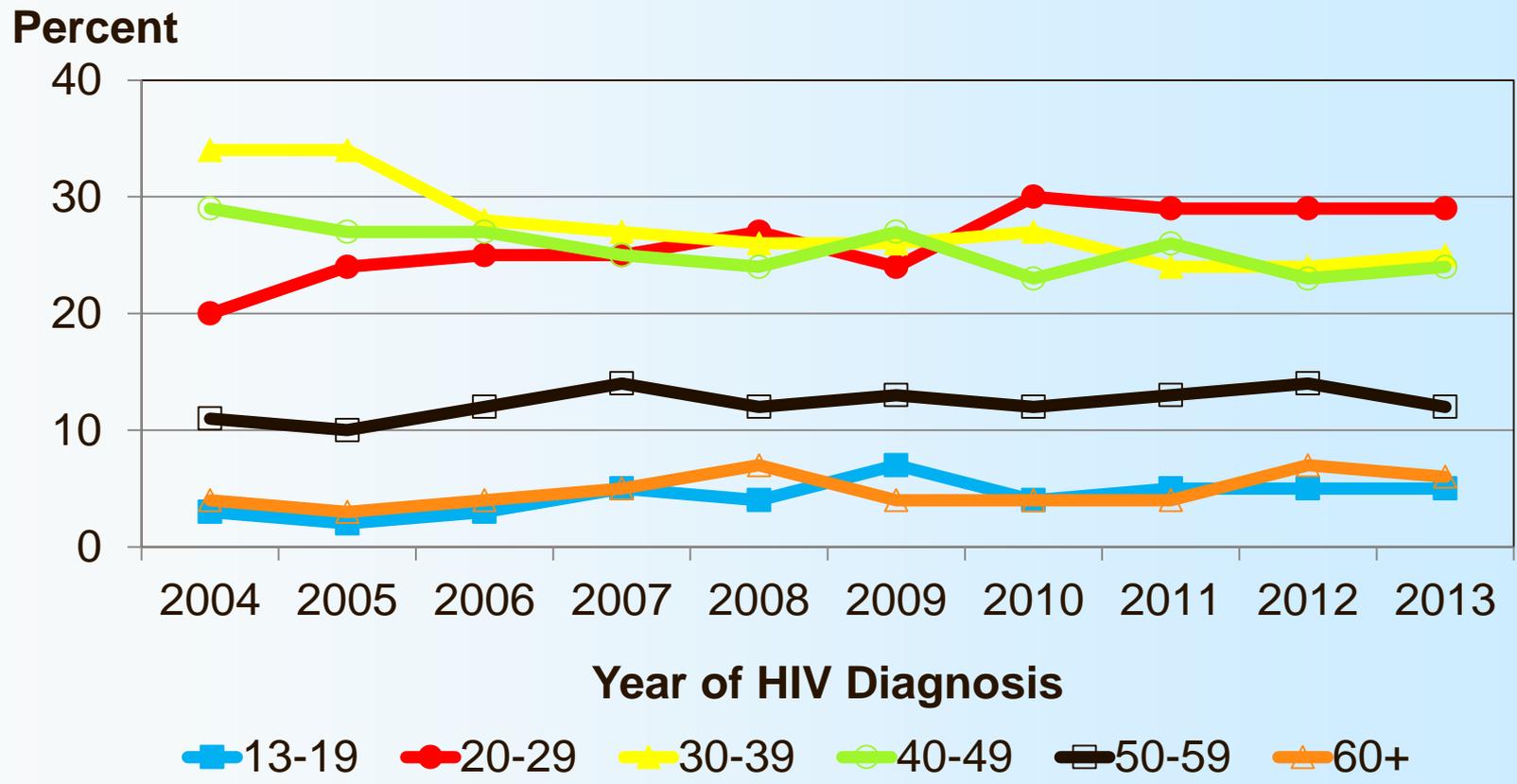
Using data as reported through 12/31/2014

Washington MSA (MD) Adult/Adolescent Population and Living HIV Cases by Age



Population on 7/1/12, Cases on 12/31/13
as reported through 12/31/14

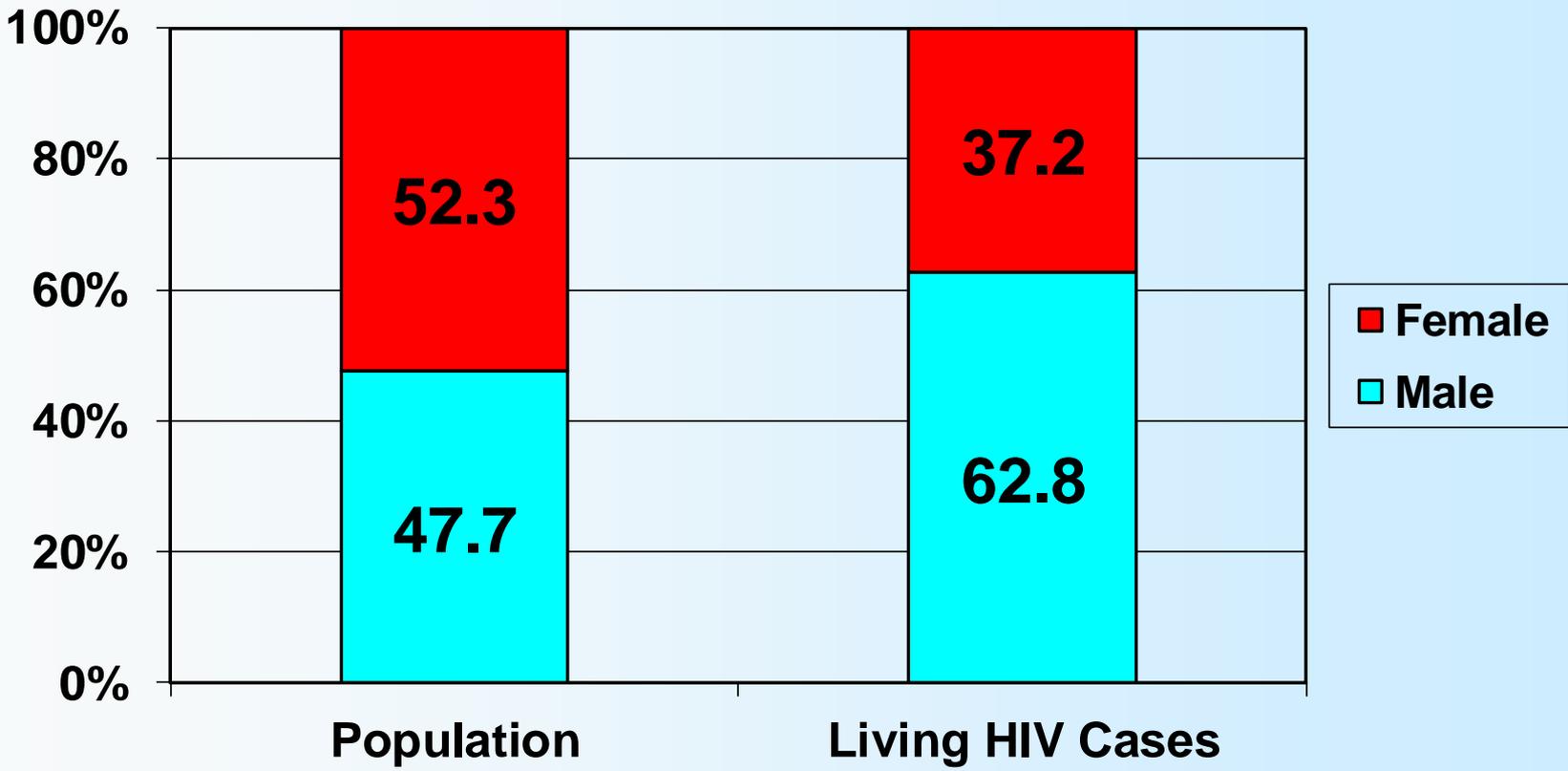
Washington MSA (MD) Adult/ Adolescent HIV Diagnosis Trends by Age at Diagnosis



Using data as reported through 12/31/2014

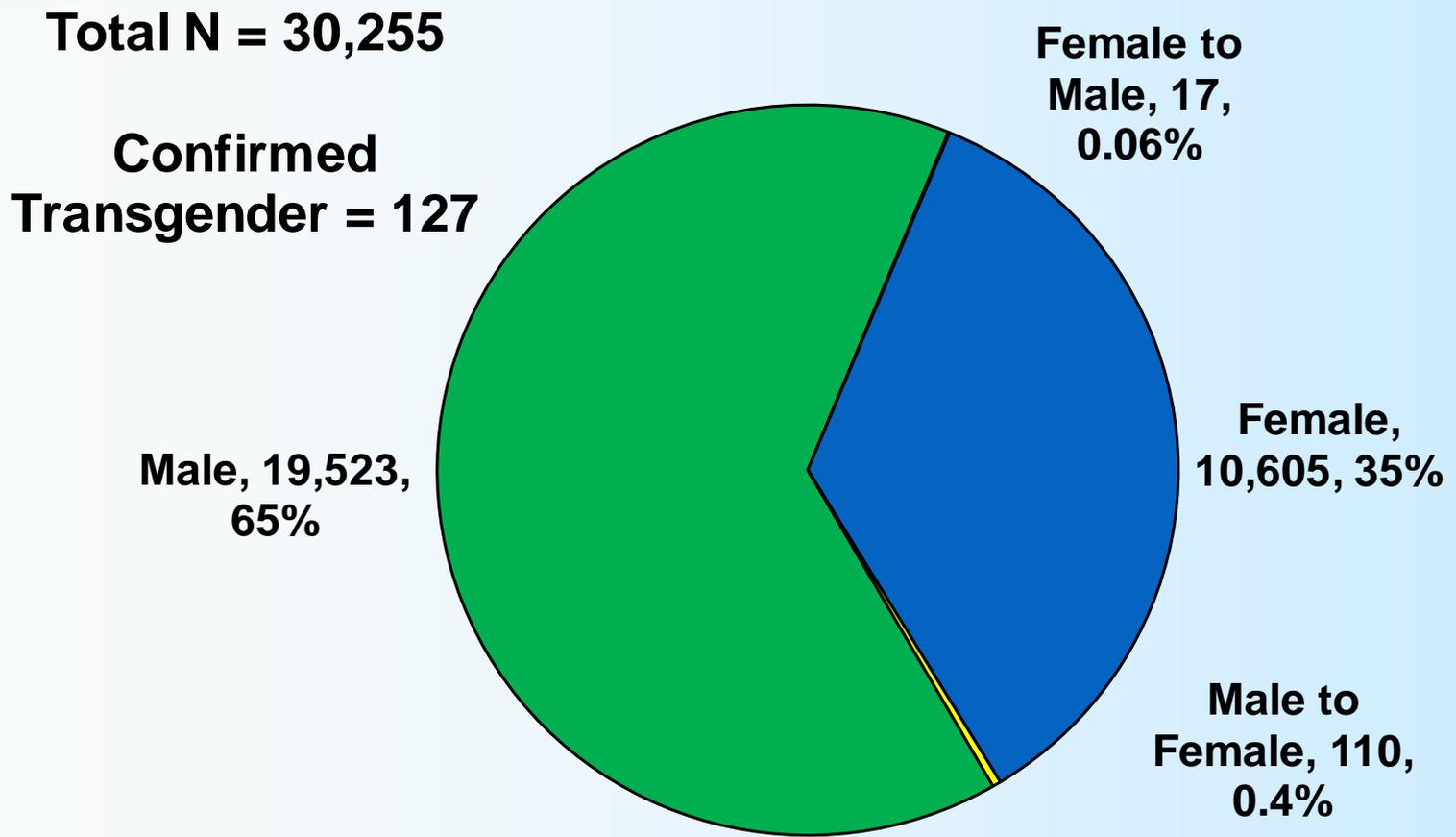


Washington MSA (MD) Population and Living Adult/ Adolescent HIV Cases by Sex at Birth



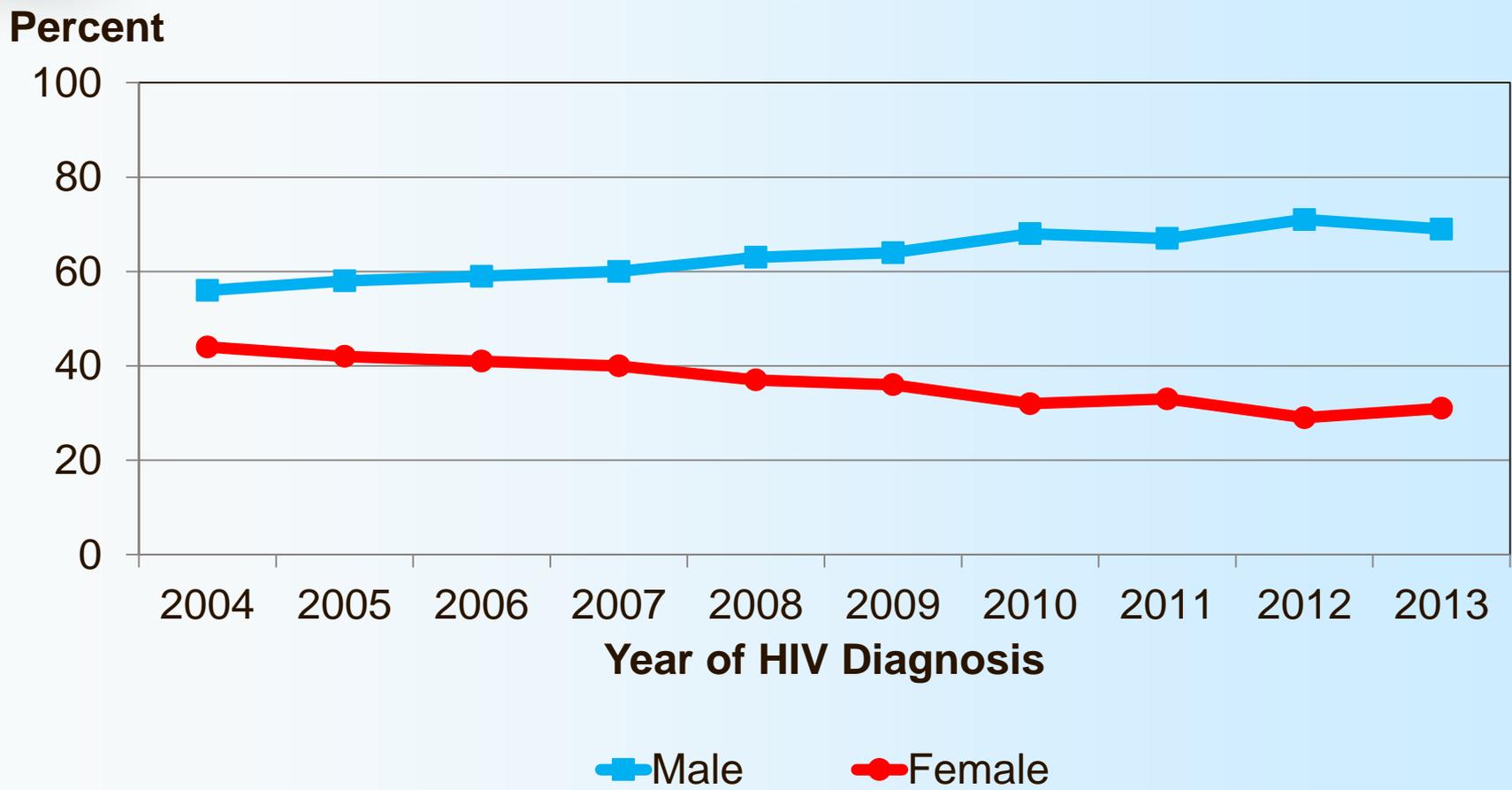
Population on 7/1/12, Cases on 12/31/13
as reported through 12/31/14

Maryland Adult/Adolescent Living HIV Cases by Gender, 12/31/13



Using data as reported through 12/31/2014

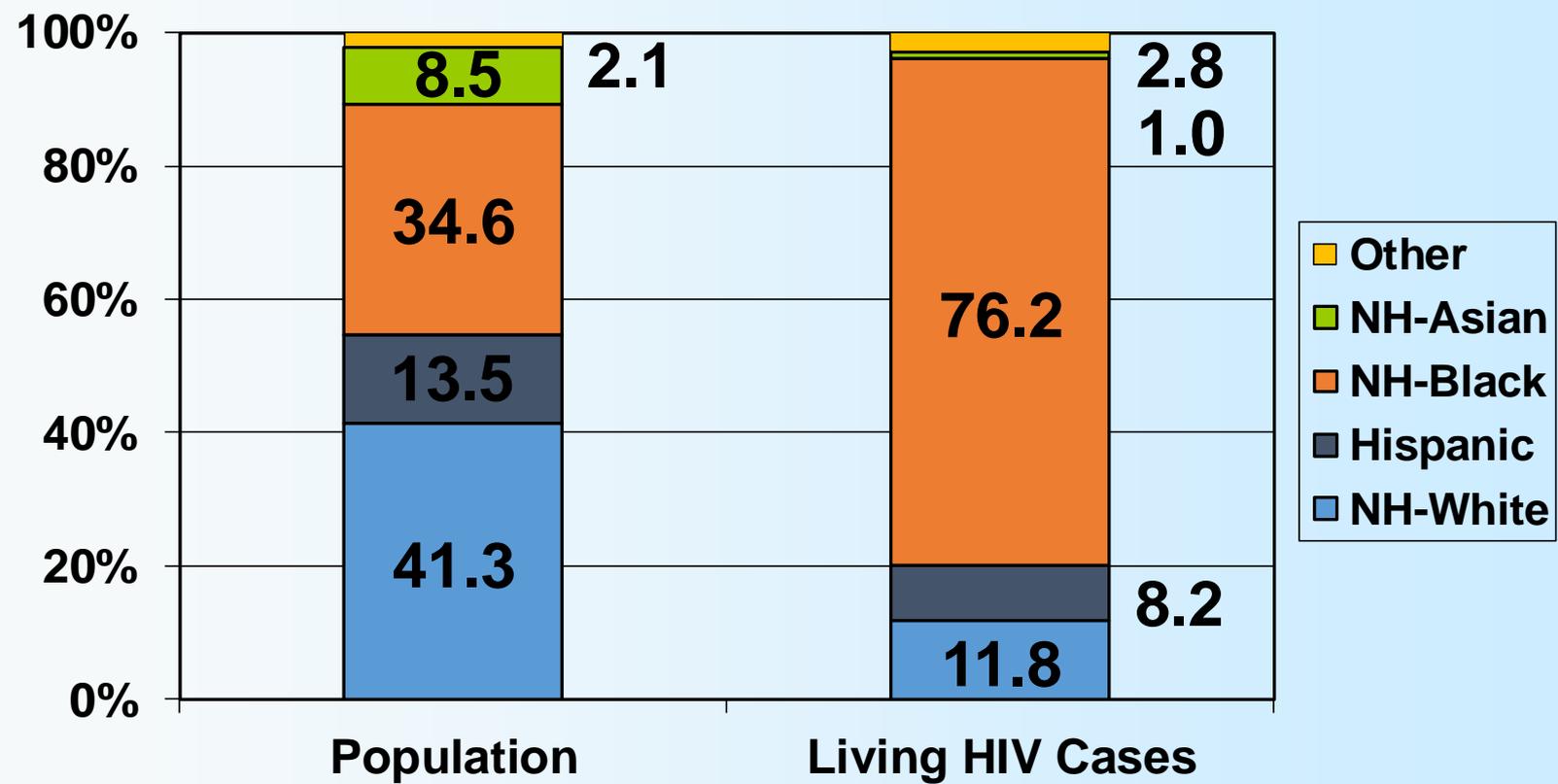
Washington MSA (MD) Adult/ Adolescent HIV Diagnosis Trends by Sex at Birth



Using data as reported through 12/31/2014

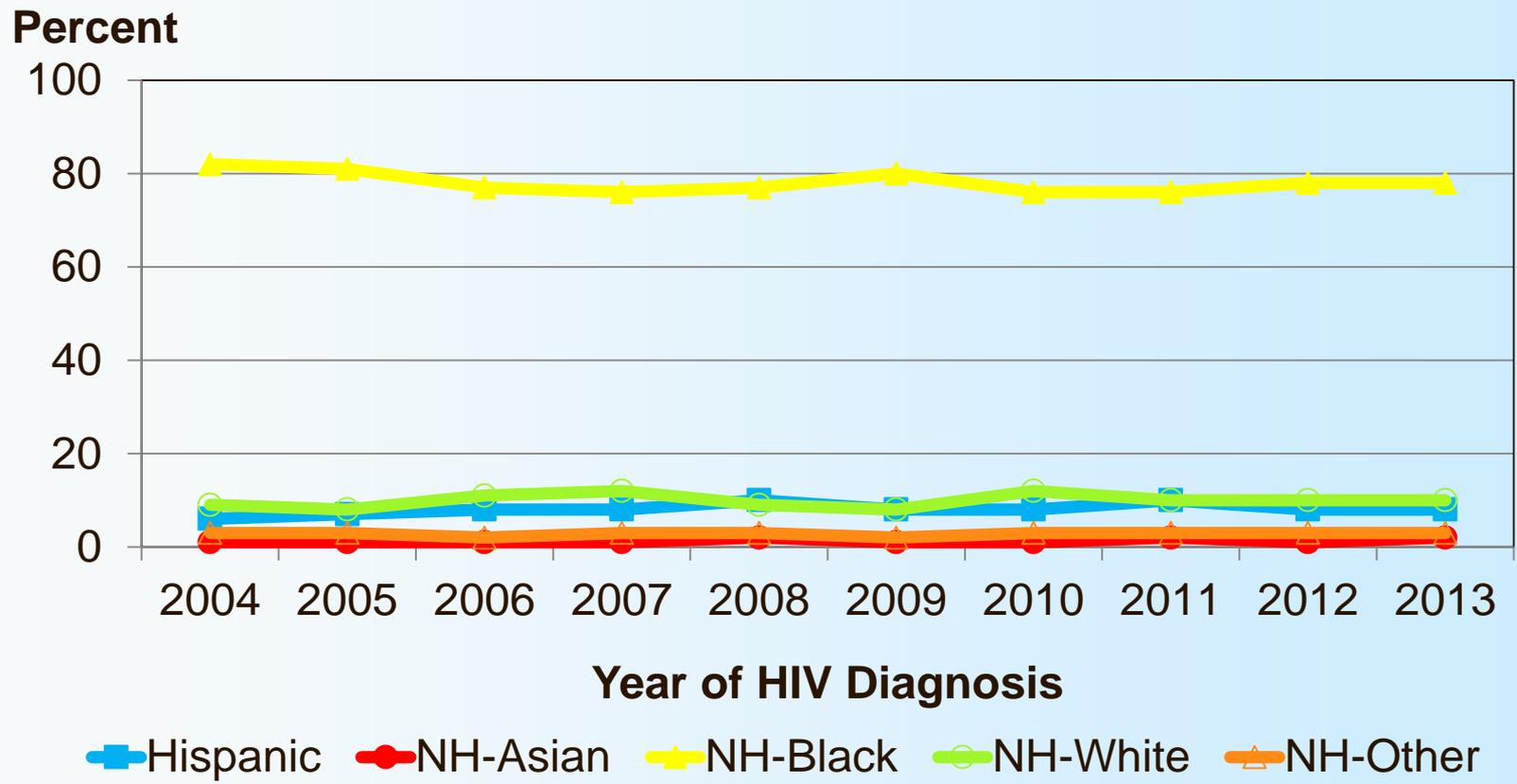


Washington MSA (MD) Adult/ Adolescent Population and Living HIV Cases by Race/ Ethnicity



Population on 7/1/12, Cases on 12/31/13
as reported through 12/31/14

Washington MSA (MD) Adult/ Adolescent HIV Diagnosis Trends by Race/ Ethnicity



Using data as reported through 12/31/2014

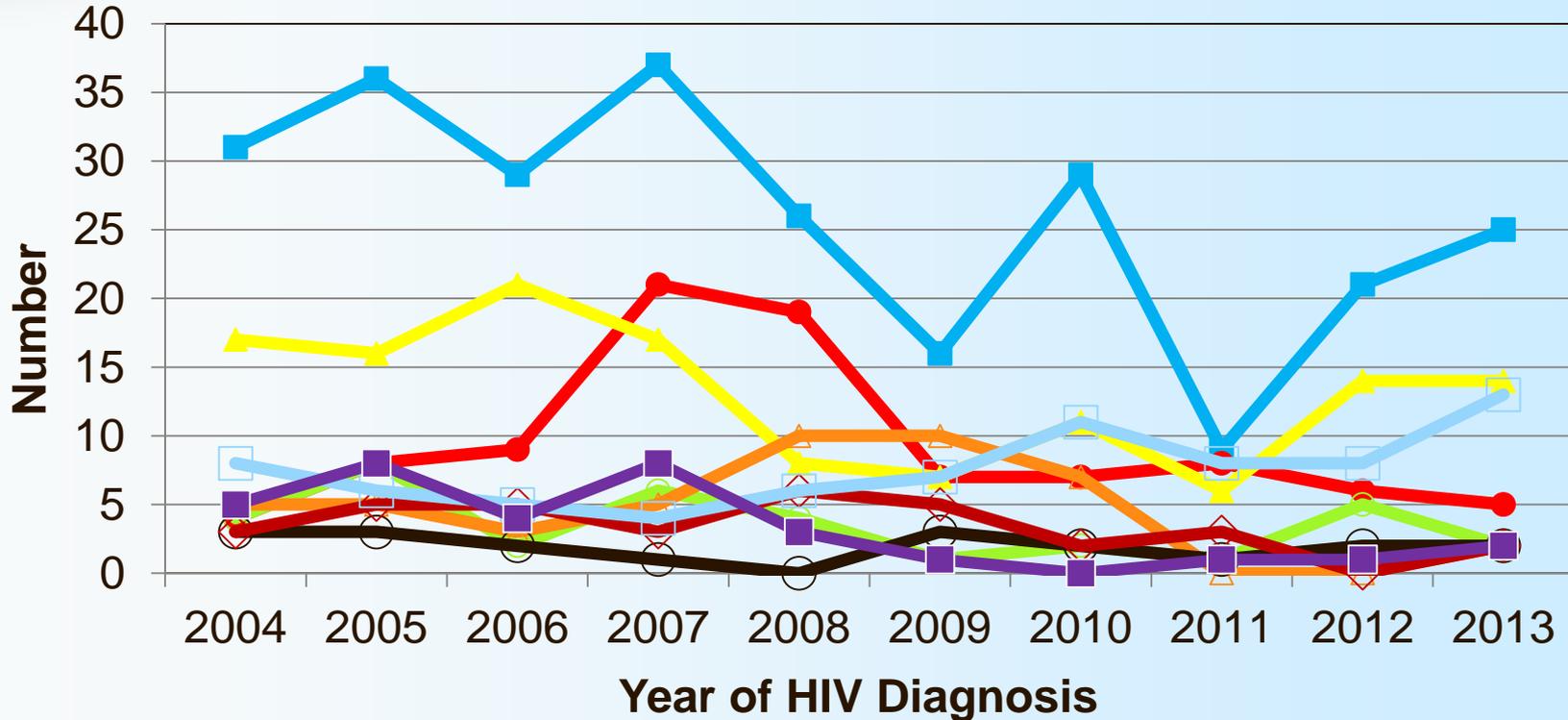
Washington MSA (MD) Living Adult/Adolescent HIV Cases by Country of Birth, 12/31/13



	N	%
Total	10,605	100.0
United States	8,188	77.2
Africa	1,189	11.2
Asia	59	0.6
Caribbean	128	1.2
Central America	281	2.6
Europe/Canada/Australia	26	0.2
South America	74	0.7
Other	11	0.1
Unknown	649	6.1

Using data as reported through 12/31/2014

Washington MSA (MD) Adult/ Adolescent HIV Diagnosis Trends by Country of Birth



-  Cameroon
-  El Salvador
-  Ethiopia
-  Ghana
-  Guatemala
-  Haiti
-  Kenya
-  Nigeria
-  Zambia

Using data as reported through 12/31/2013



Exposure Categories

MSM: Men who have Sex with Men

IDU: Injection Drug Use

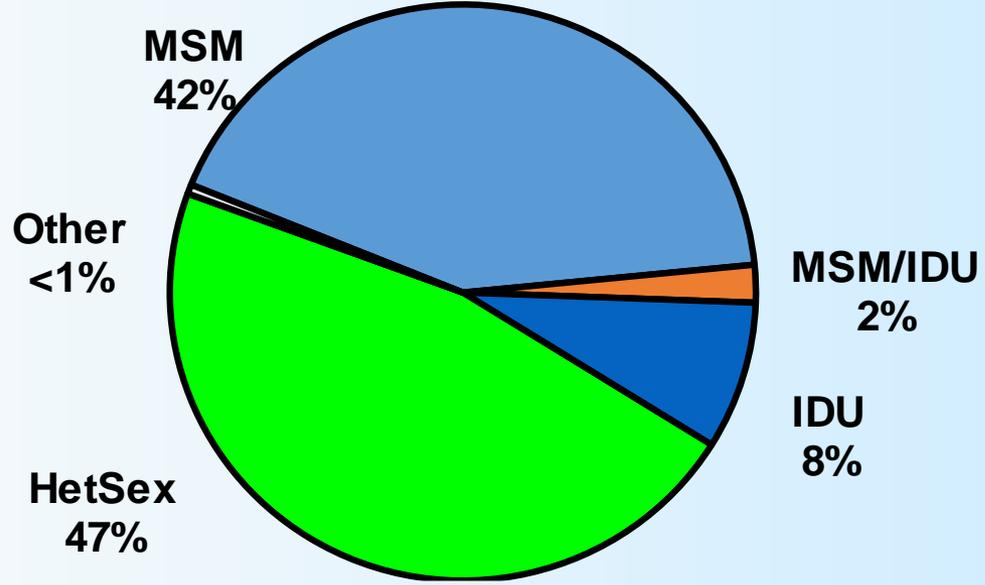
MSM/IDU: Men who have Sex with Men AND Inject Drugs

HetSex: Heterosexual Contact with a Person that has or is at Risk for HIV Infection

Washington MSA (MD) Living Adult/Adolescent HIV Cases by Exposure Category, 12/31/13



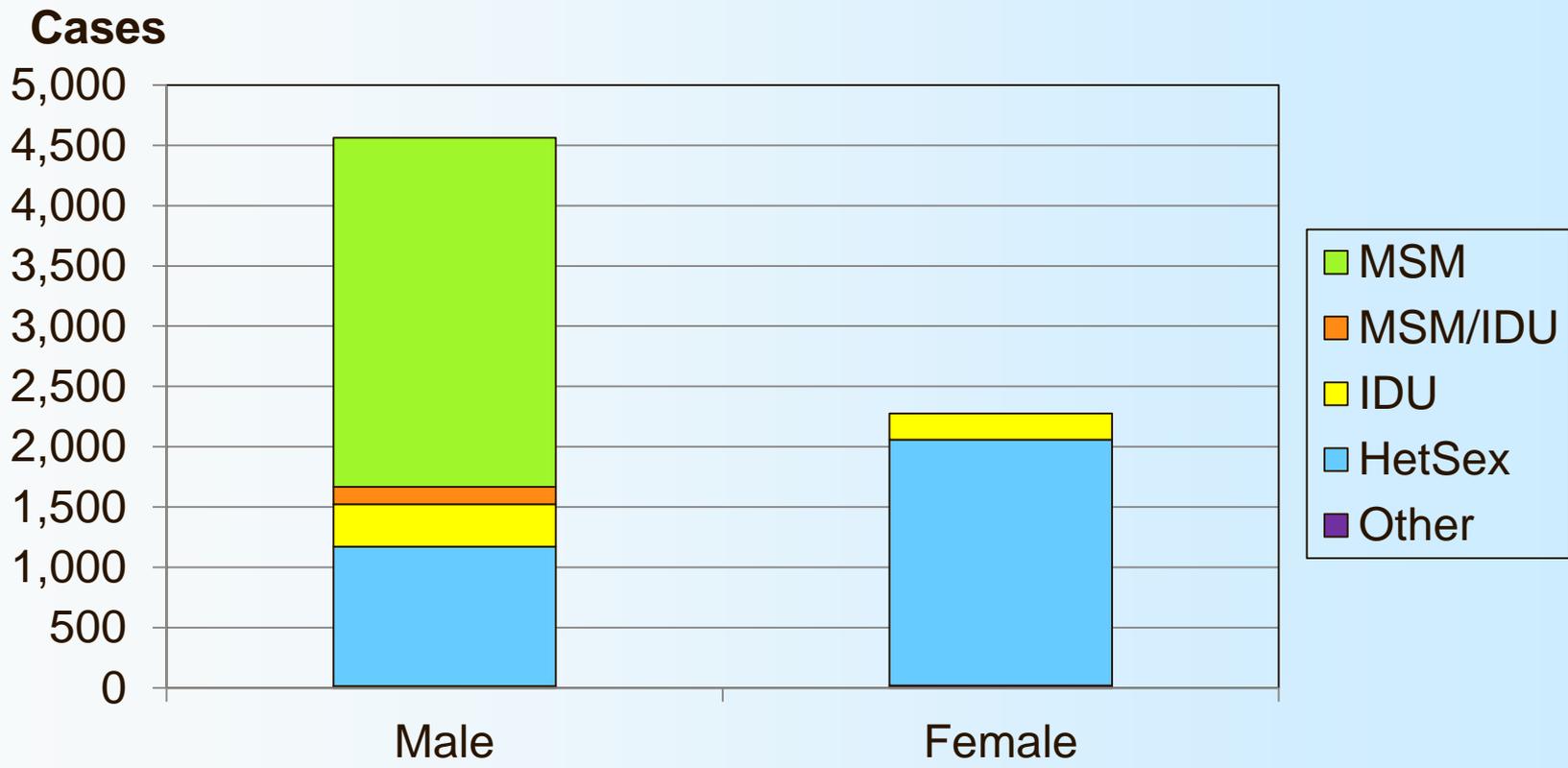
N (with Risk) = 6,839 (64% of Total)



Using data as reported through 12/31/2014

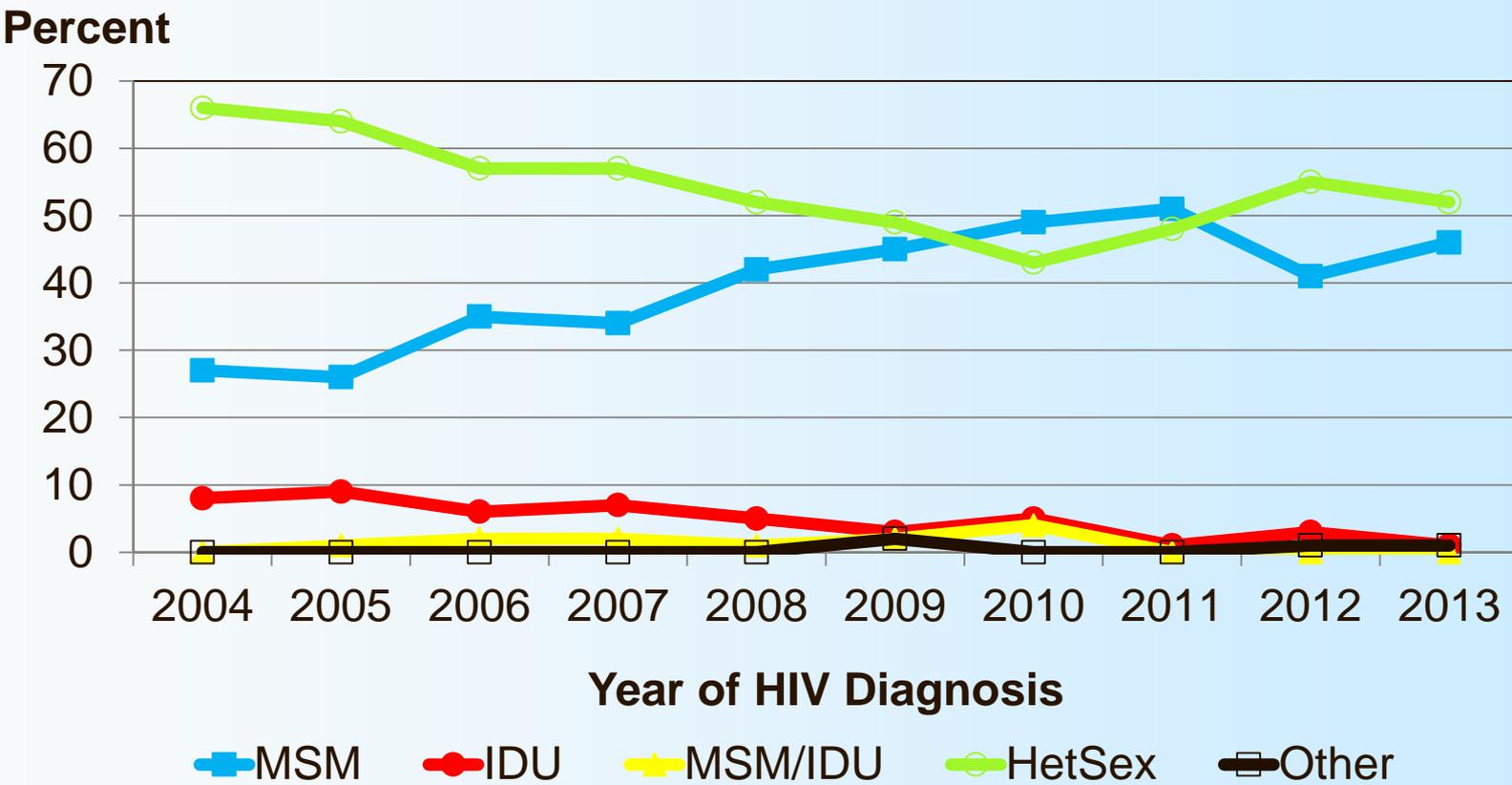


Washington MSA (MD) Living Adult/Adolescent HIV Cases by Exposure Category and Sex at Birth, 12/31/13



Using data as reported through 12/31/2014

Washington MSA (MD) Adult/ Adolescent HIV Diagnosis Trends by Exposure Category



Using data as reported through 12/31/2014

Unmet Need Estimate for HRSA, Washington MSA (MD)

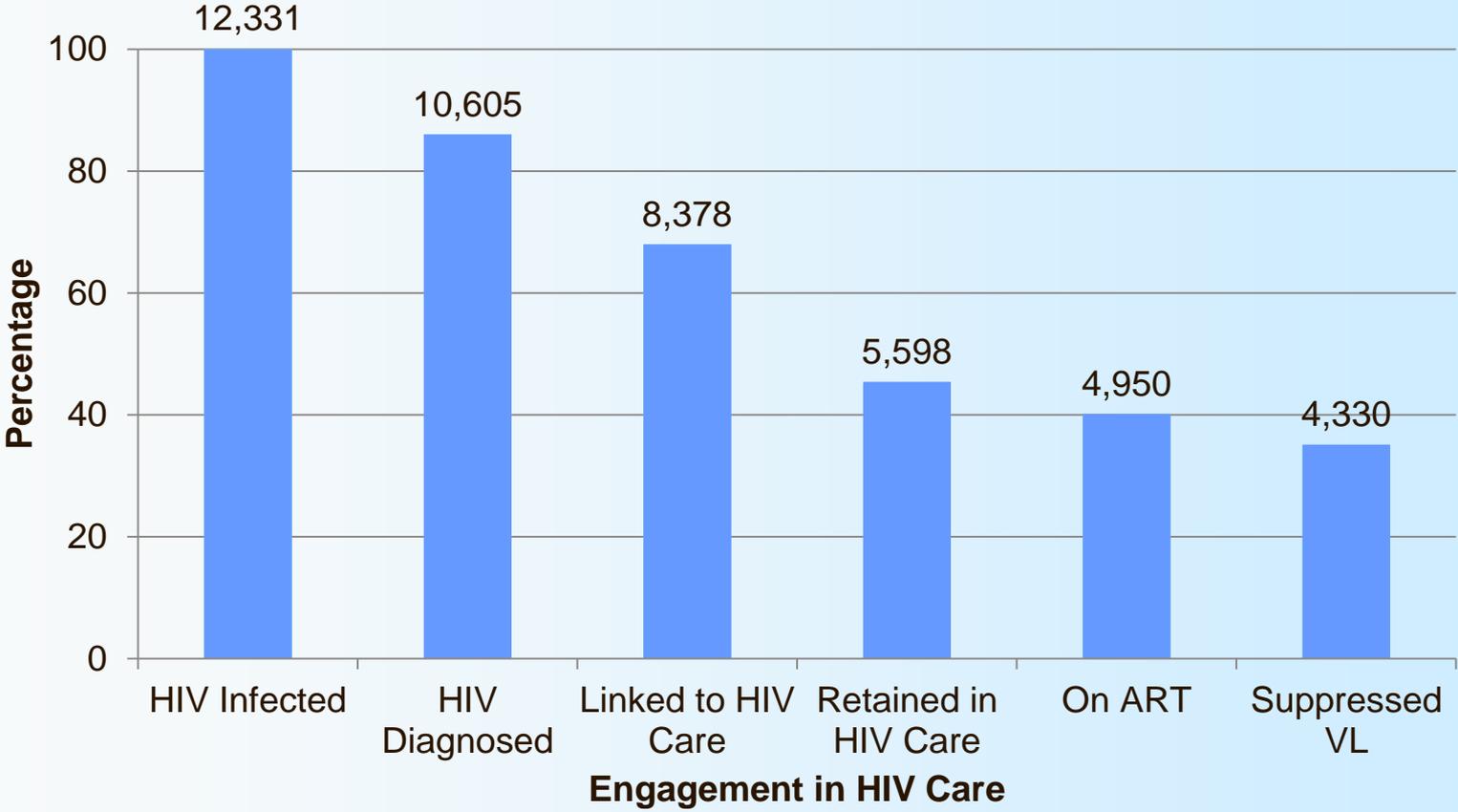


- Calculated using CY 2013 data as reported through 12/31/2014
- 10,605 living adult/adolescent HIV/AIDS cases
- 5,007 (47.2%) with no CD4 test result during 2013
- Likely to be an overestimate due to unreported out of jurisdiction care seeking



Continuum of Care

Estimated number and percentage of HIV infected adults/adolescents engaged in selected stages of the continuum of care, Maryland Portion of the Washington, DC MSA, 2013



Using data as reported through 12/31/2014

Continuum of Care Calculation

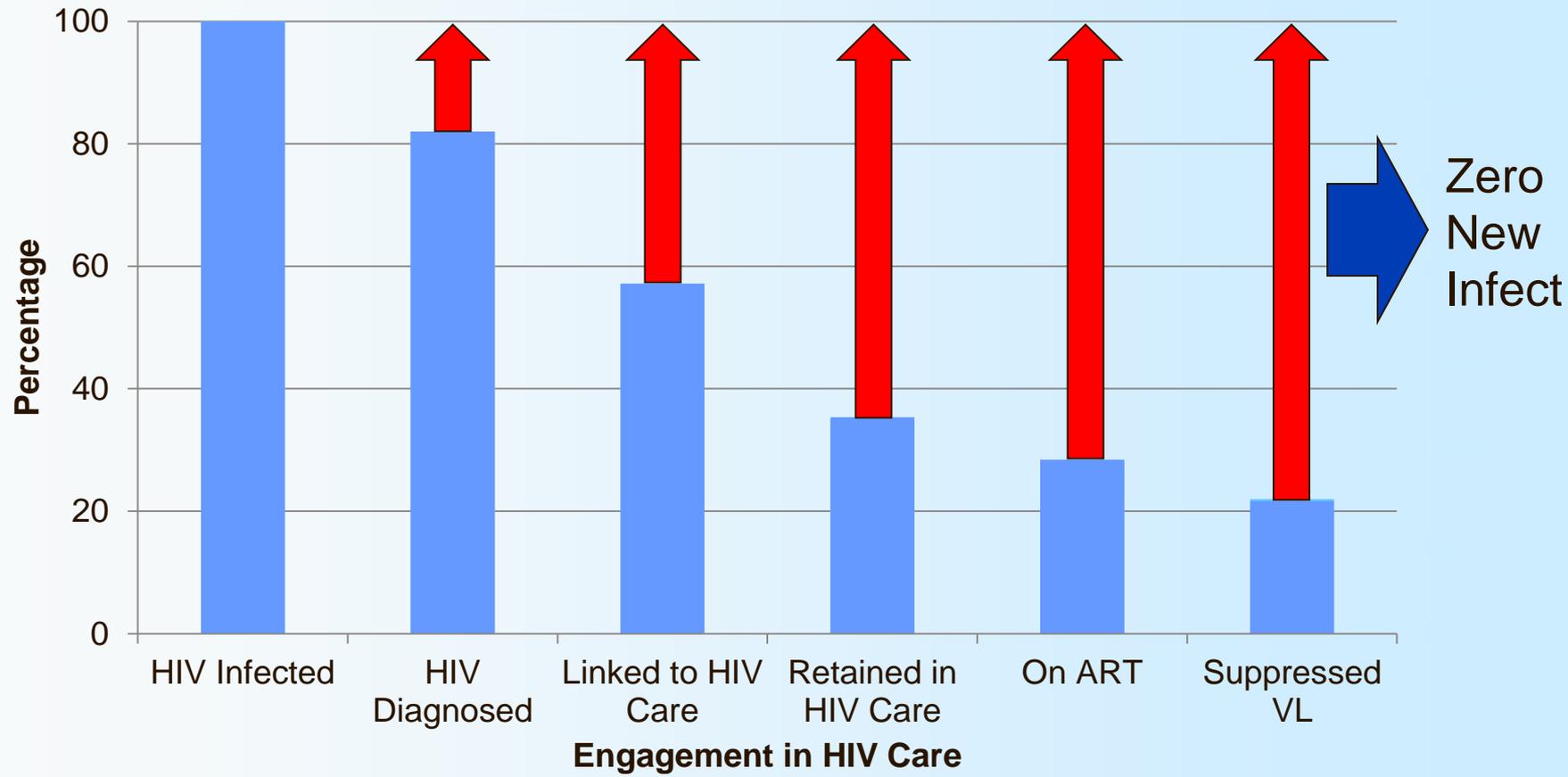


- HIV infected – apply national estimate of undiagnosed to reported living cases
- HIV diagnosed – reported living cases
- Linked to HIV care – apply percent of new diagnoses with CD4/VL within 3 months from most recent year to reported living cases
- Retained in HIV care – reported living cases with a CD4 test during prior year
- On ART – interpolated between retained in HIV care and suppressed VL
- Suppressed VL – most recent VL during prior year for reported living cases that was undetectable or <400 copies/ml



Continuum of Care

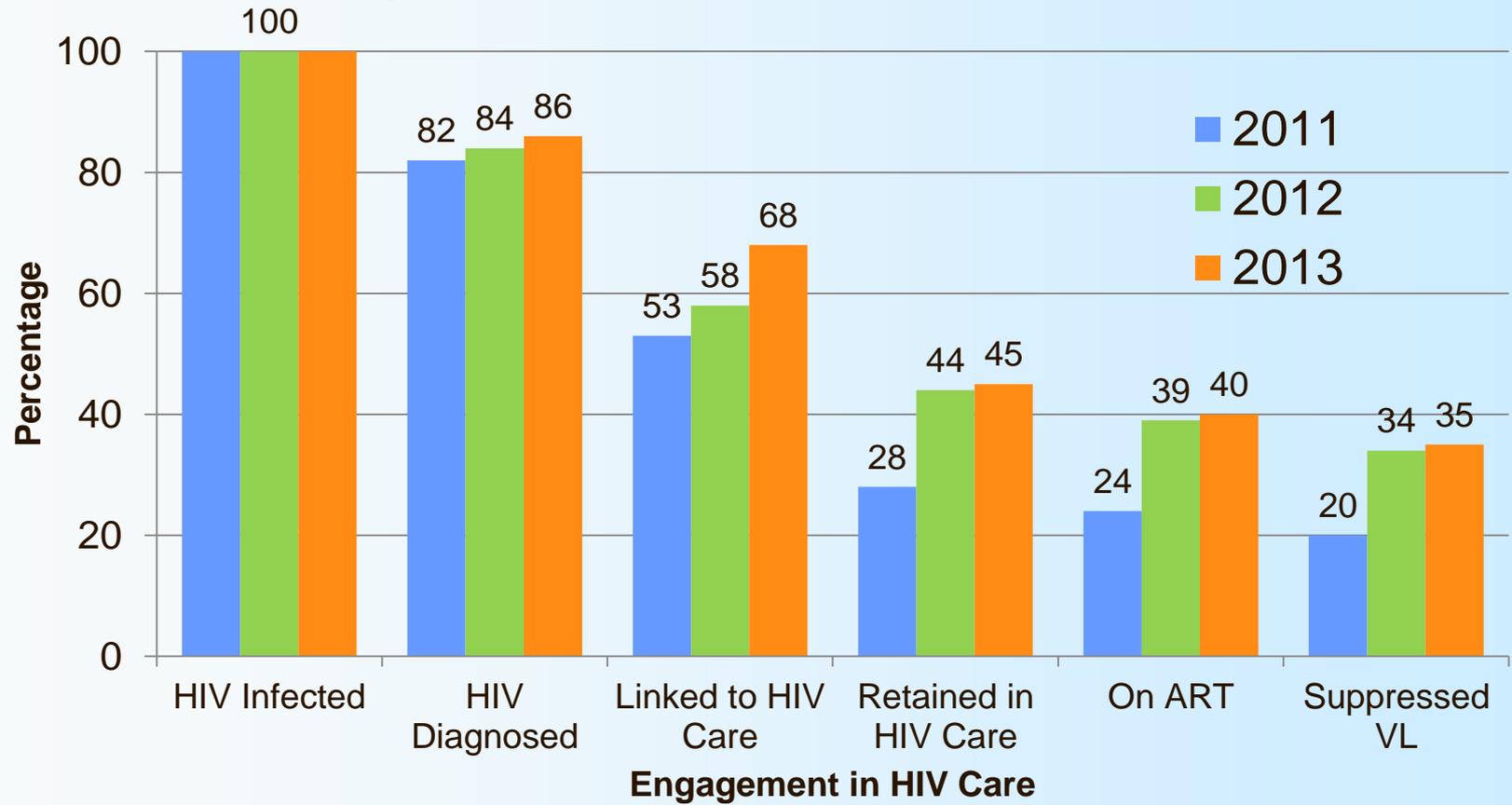
Estimated number and percentage of HIV infected adults/ adolescents engaged in selected stages of the continuum of care





Continuum of Care

Estimated percentage of HIV infected adults/adolescents engaged in selected stages of the continuum of care, Maryland Portion of the Washington MSA, 2011, 2012, and 2013



Using data as reported through 12/31/2012, 12/31/2013, and 12/31/2014

Statistical Reports



- HIV/AIDS Epidemiological Profiles
 - Released annually
 - Available on website
- Maryland (with quarterly updates)
- 5 planning regions (formerly RACs, now HPG regions)
- 2 Ryan White EMAs
 - Baltimore-Towson MSA
 - Washington, DC MSA (Maryland Portion)
- High morbidity jurisdictions
 - Anne Arundel County, Baltimore City, Baltimore County, Montgomery County, Prince George's County
- Detailed data on counts, rates, linkage to care, and CD4 and VL results, by demographics, risk, and geography



Prevention and Health Promotion Administration

<http://phpa.dhmh.maryland.gov/oideor/chse>