



MARYLAND

**Department of Health
and Mental Hygiene**



WORLD AIDS DAY 2016

December 1, 2016

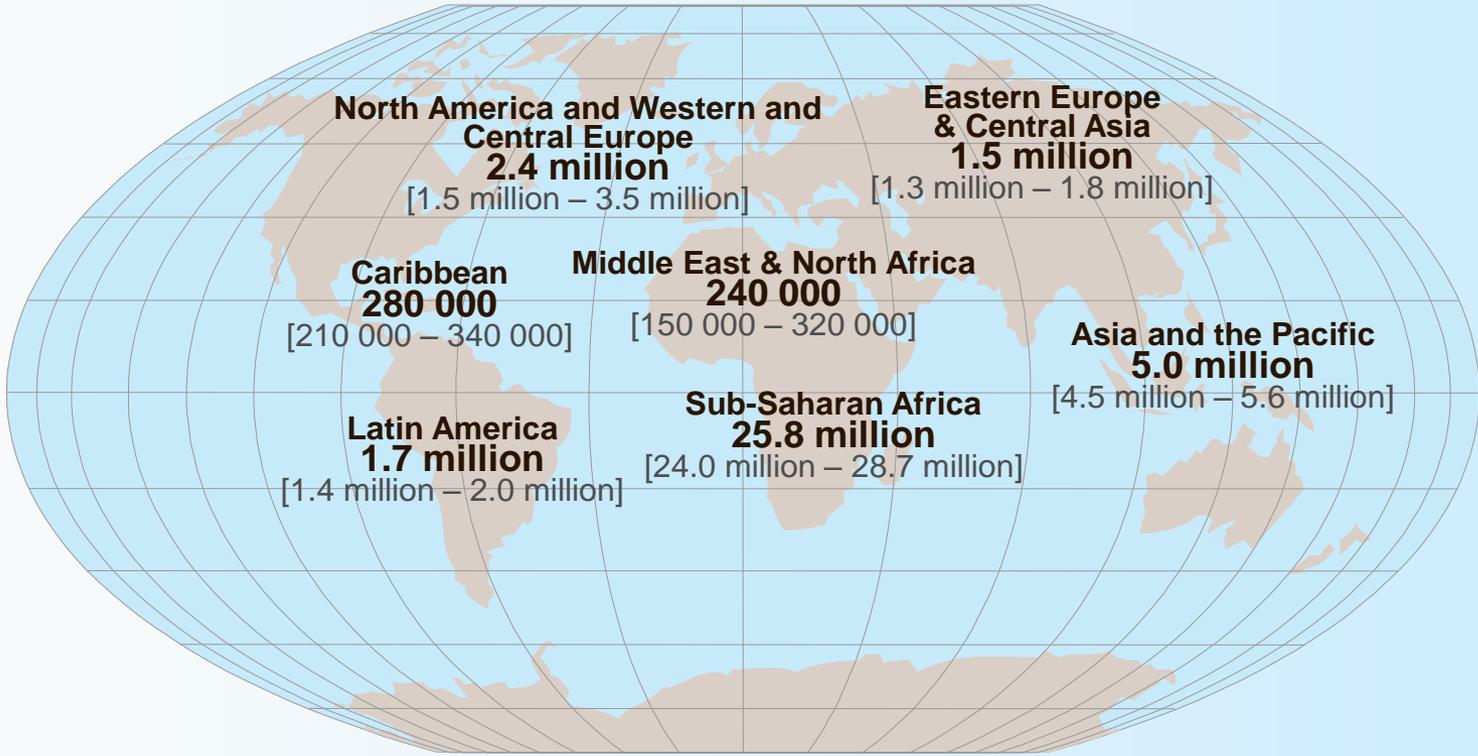
**Infectious Disease Epidemiology and Outbreak Response Bureau
Prevention and Health Promotion Administration
Maryland Department of Health and Mental Hygiene**



INTERNATIONAL



Adults and children estimated to be living with HIV | 2014



Total: 35.3 million [32.2 million – 38.8 million]

International Numbers



36.7 million people living with HIV in 2015

25.5 million are in sub-Saharan Africa

2.1 million new HIV infections in 2015

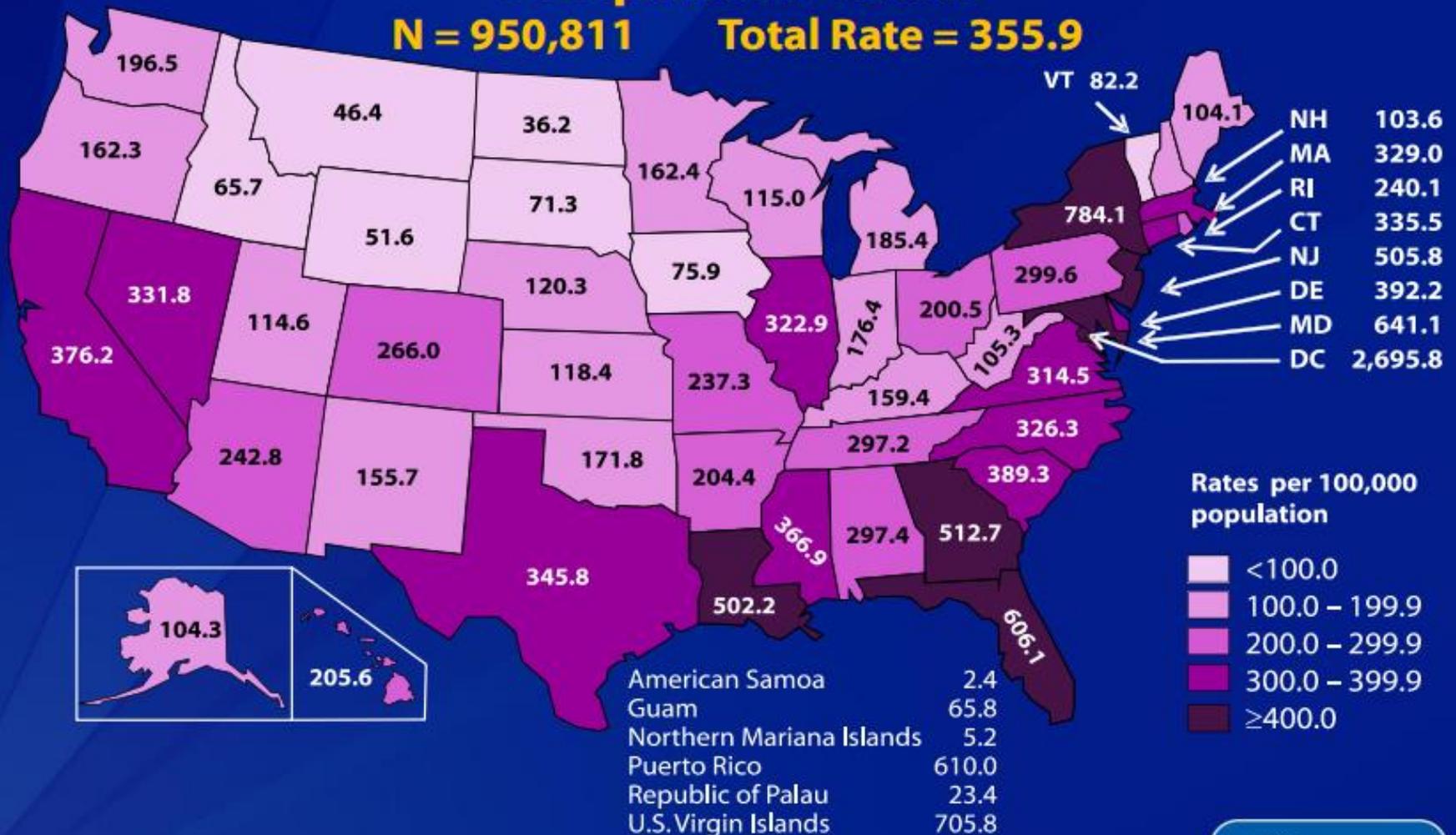
1.1 million AIDS deaths in 2015



UNITED STATES

Rates of Adults and Adolescents Living with Diagnosed HIV Infection, Year-end 2013—United States and 6 Dependent Areas

N = 950,811 **Total Rate = 355.9**



Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. All displayed data have been statistically adjusted to account for reporting delays, but not for incomplete reporting.





National Numbers

1.2 million adults/adolescents living with HIV/AIDS at the end of 2013, **and 13% do not know it**

(CDC. HIV Supplemental Surveillance Report, 2014;21(4))

40,040 new HIV infections in 2015

(CDC. HIV Supplemental Surveillance Report, 2015)

12,688 estimated AIDS deaths in 2014

(CDC. HIV Supplemental Surveillance Report, 2015)

HIV Diagnoses during 2015 Ranked by Rates



Rank	State/Territory	Reported Cases	Rate per 100,000
1	District of Columbia	383	57.0
2	Louisiana	1,131	24.2
3	Florida	4,864	24.0
4	Georgia	2,386	23.4
5	Maryland	1,348	22.4
6	Mississippi	510	17.0
7	Nevada	487	16.8
8	Texas	4,491	16.3
9	New York	3,128	15.8
10	Puerto Rico	509	14.7
	United States	40,040	12.3

HIV Diagnoses during 2015 Ranked by Rates



Rank	Metropolitan Area	Reported Cases	Rate per 100,000
1	Miami-Fort Lauderdale-West Palm Beach, FL	2,332	38.8
2	Baton Rouge, LA	266	32.0
3	New Orleans-Metairie, LA	403	31.9
4	Jackson, MS	181	31.3
5	Atlanta-Sandy Springs-Roswell, GA	1,472	25.8
6	Orlando-Kissimmee-Sanford, FL	614	25.7
7	Louisville/Jefferson County, KY-IN	313	24.5
8	Memphis, TN-MS-AR	311	23.1
9	Jacksonville, FL	329	22.7
10	Baltimore-Columbia-Towson, MD	618	22.1
12	Washington-Arlington-Alexandria, DC-VA-MD-WV	1,308	21.5
32	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	862	14.2
	United States (50 states, DC, PR only)	40,022	12.3

Living Adult/Adolescent HIV Diagnoses, Year-end 2014 Ranked by Rates



Rank	State/Territory	Reported Cases	Rate per 100,000
1	District of Columbia	15,200	2,665.0
2	New York	130,753	781.6
3	U.S. Virgin Islands	565	642.1
4	Maryland	32,002	638.9
5	Florida	103,696	609.0
6	Puerto Rico	17,072	567.3
7	Georgia	46,870	564.0
8	Louisiana	18,950	493.0
9	New Jersey	35,682	474.8
10	Delaware	3,213	406.9
	United States	970,319	360.0

Living HIV Diagnoses, Year-end 2014 Ranked by Estimated Rates



Rank	Metropolitan Area	Reported Cases	Rate per 100,000
1	Miami-Fort Lauderdale-West Palm Beach, FL	51,494	867.3
2	New York-Newark-Jersey City, NY-NJ-PA	139,679	695.1
3	Baton Rouge, LA	4,957	600.5
4	Baltimore-Columbia-Towson, MD	16,325	585.8
5	New Orleans-Metairie, LA	7,263	580.1
6	Jackson, MS	3,181	550.0
7	Atlanta-Sandy Springs-Roswell, GA	28,568	508.7
8	San Francisco-Oakland-Hayward, CA	23,217	505.2
9	Orlando-Kissimmee-Sanford, FL	10,603	455.7
10	Jacksonville, FL	6,455	454.3
13	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	24,823	410.0
26	Washington-Arlington-Alexandria, DC-VA-MD-WV	19,610	325.0
	United States (50 states, DC, PR only)	972,166	301.5

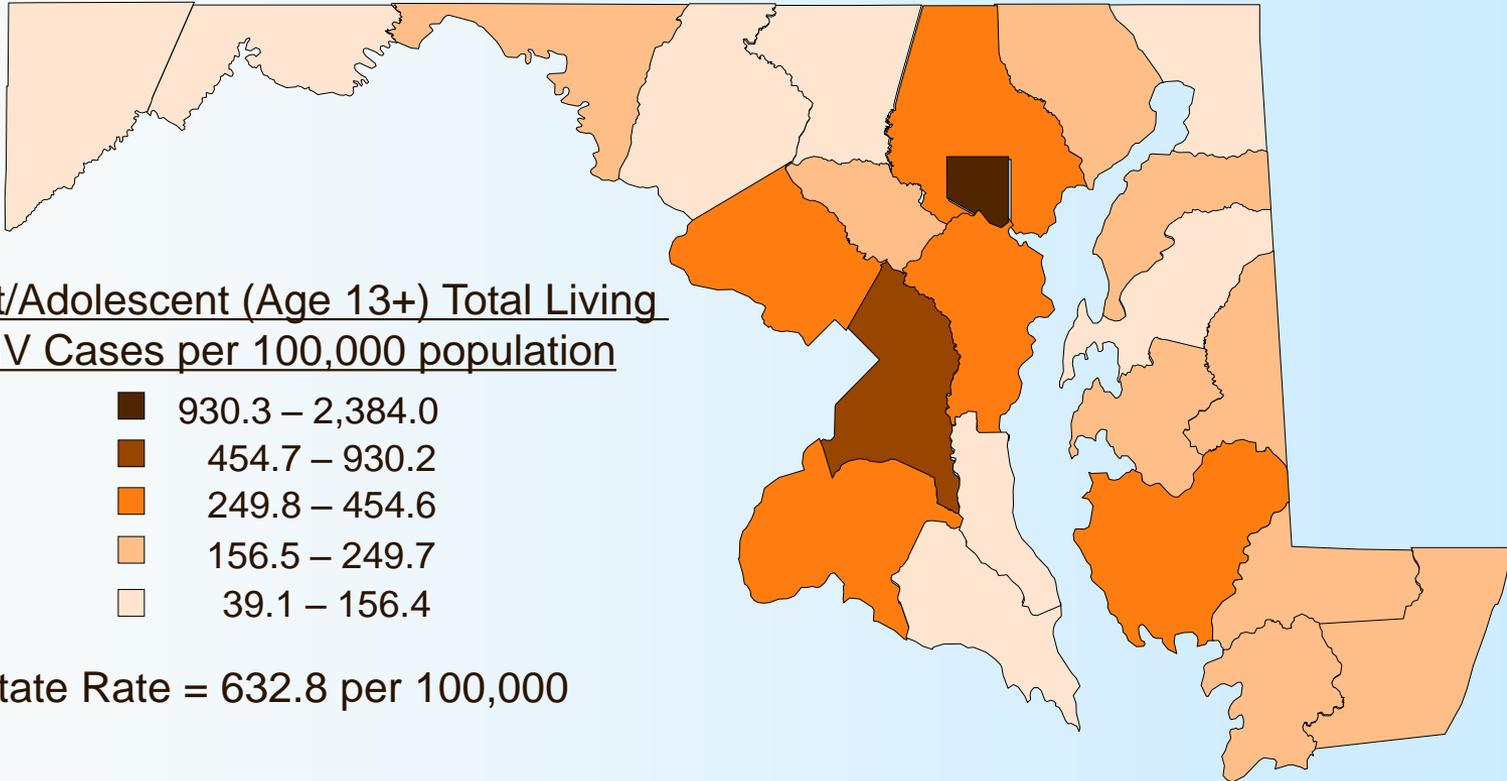
CDC. HIV Surveillance Report, 2015. Vol. 27. Table 26.



MARYLAND



Maryland Adult/Adolescent Total Living HIV Case Rates by Jurisdiction, Alive on 12/31/15



Maryland Numbers



31,882 adults/adolescents living with HIV/AIDS as of the end of 2015

1,334 adults/adolescents reported with HIV diagnoses in 2015

298 AIDS deaths reported during 2014

Maryland had the **4th** highest HIV diagnosis report rate (23.3 cases per 100,000 population) of any state/territory in 2014

CDC: Lifetime Risk of HIV Diagnosis

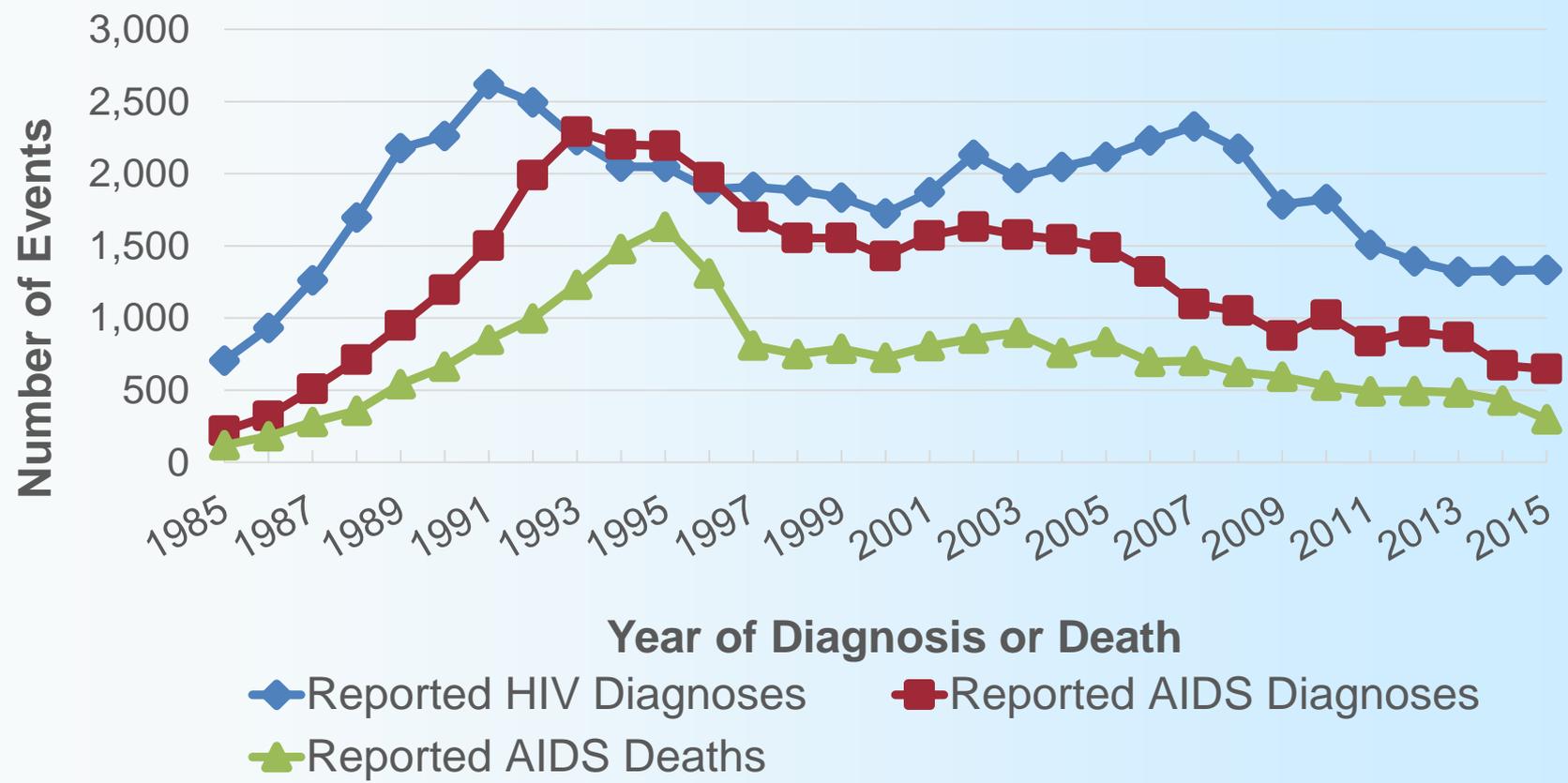


Maryland has the 2nd highest lifetime HIV risk of all U.S. states.

Those states/jurisdictions with the highest risk include:

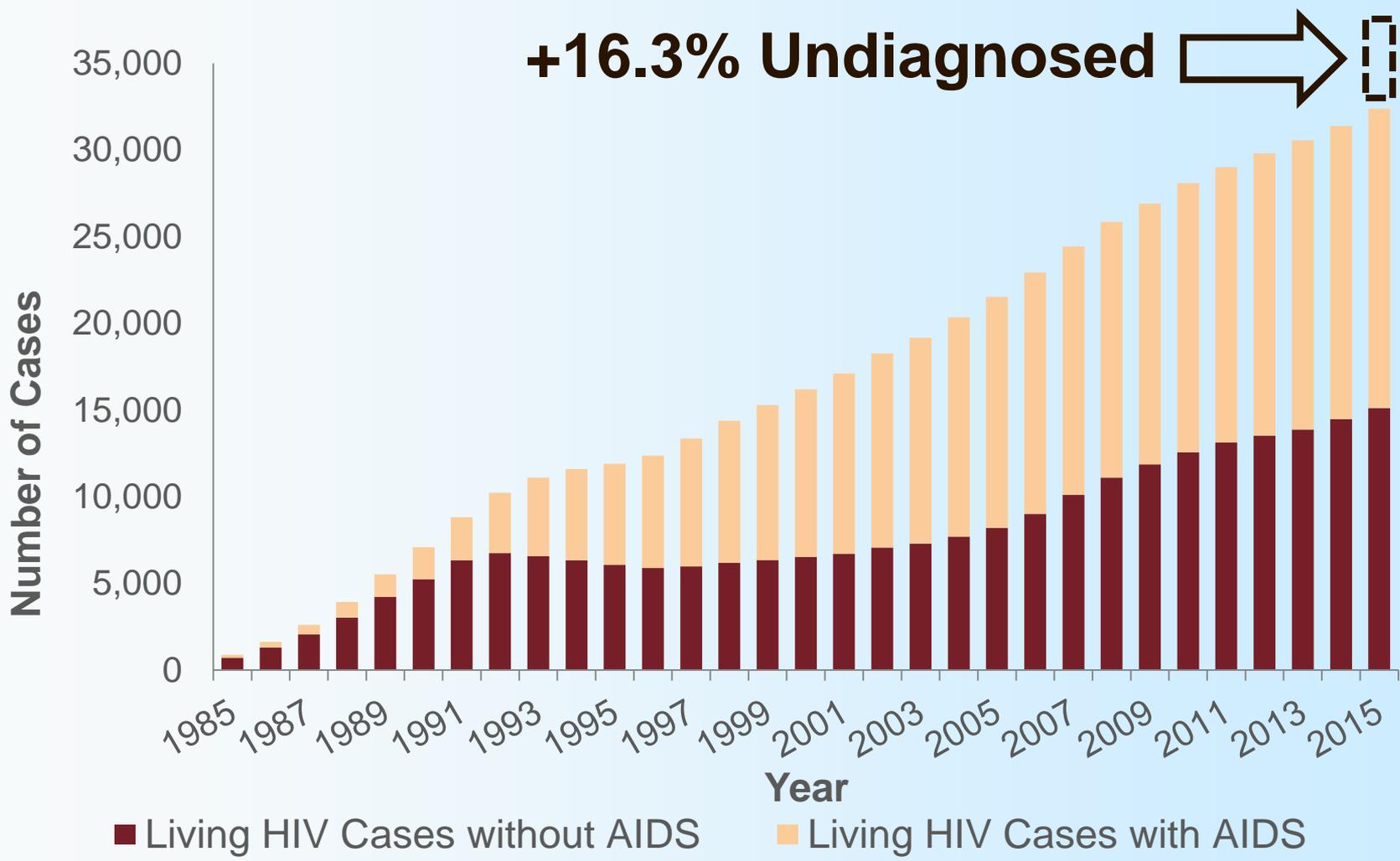
- 1) Washington, DC (1 in 13)
- 2) **Maryland (1 in 49)**
- 3) Georgia (1 in 51)
- 4) Florida (1 in 54)
- 5) Louisiana (1 in 56)

Maryland HIV/AIDS Trends



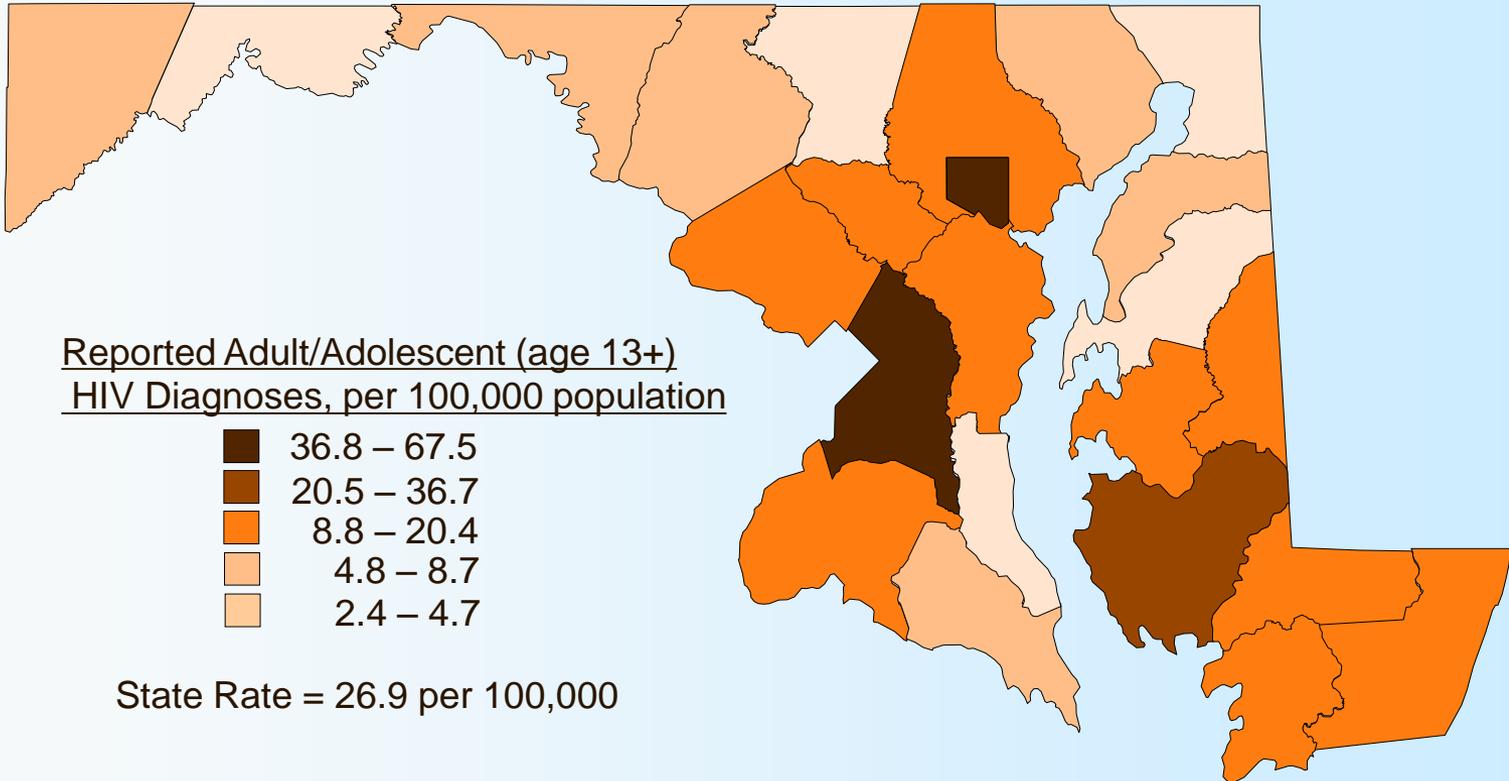
2001-2008 HIV high, due to reporting transition

Maryland Living HIV Cases



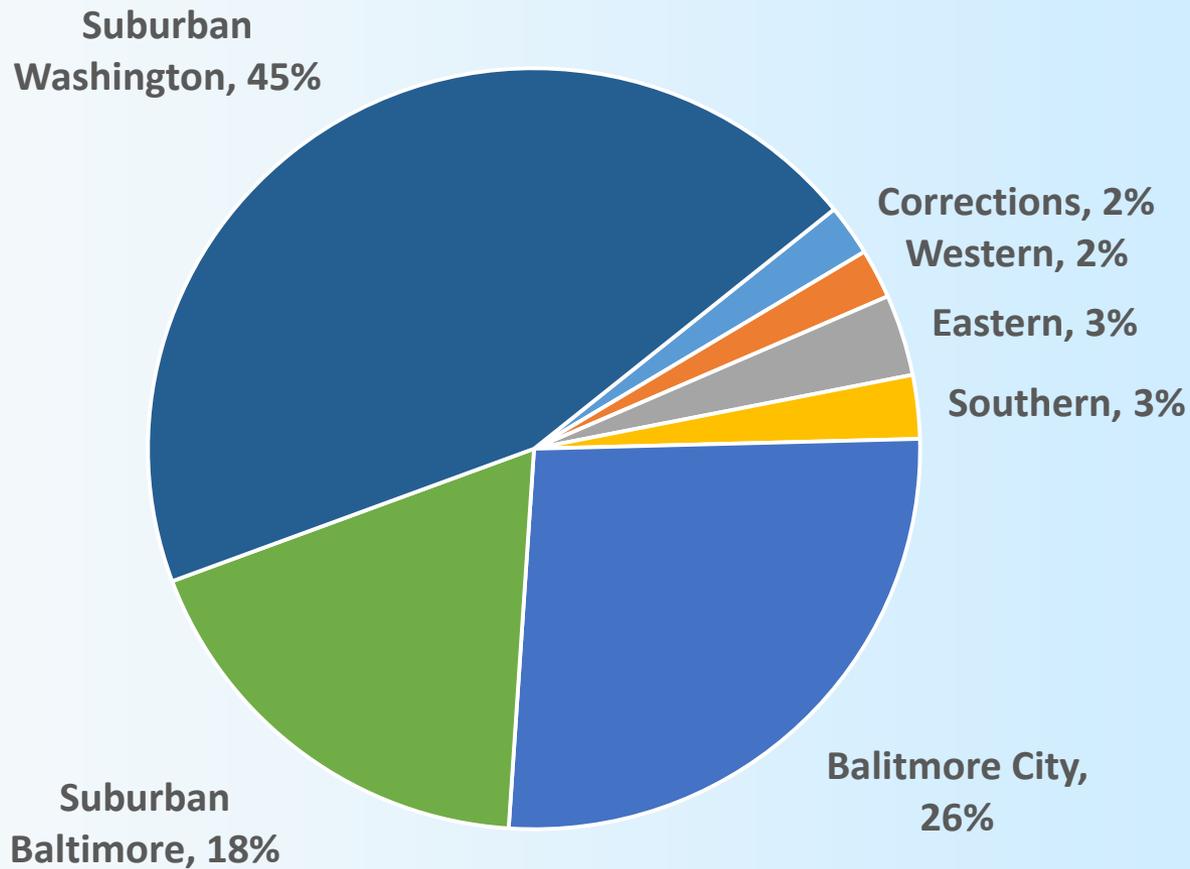
Data reported through 6/30/2016

Maryland Reported Adult/ Adolescent HIV Diagnosis Rates by Jurisdiction, 2015





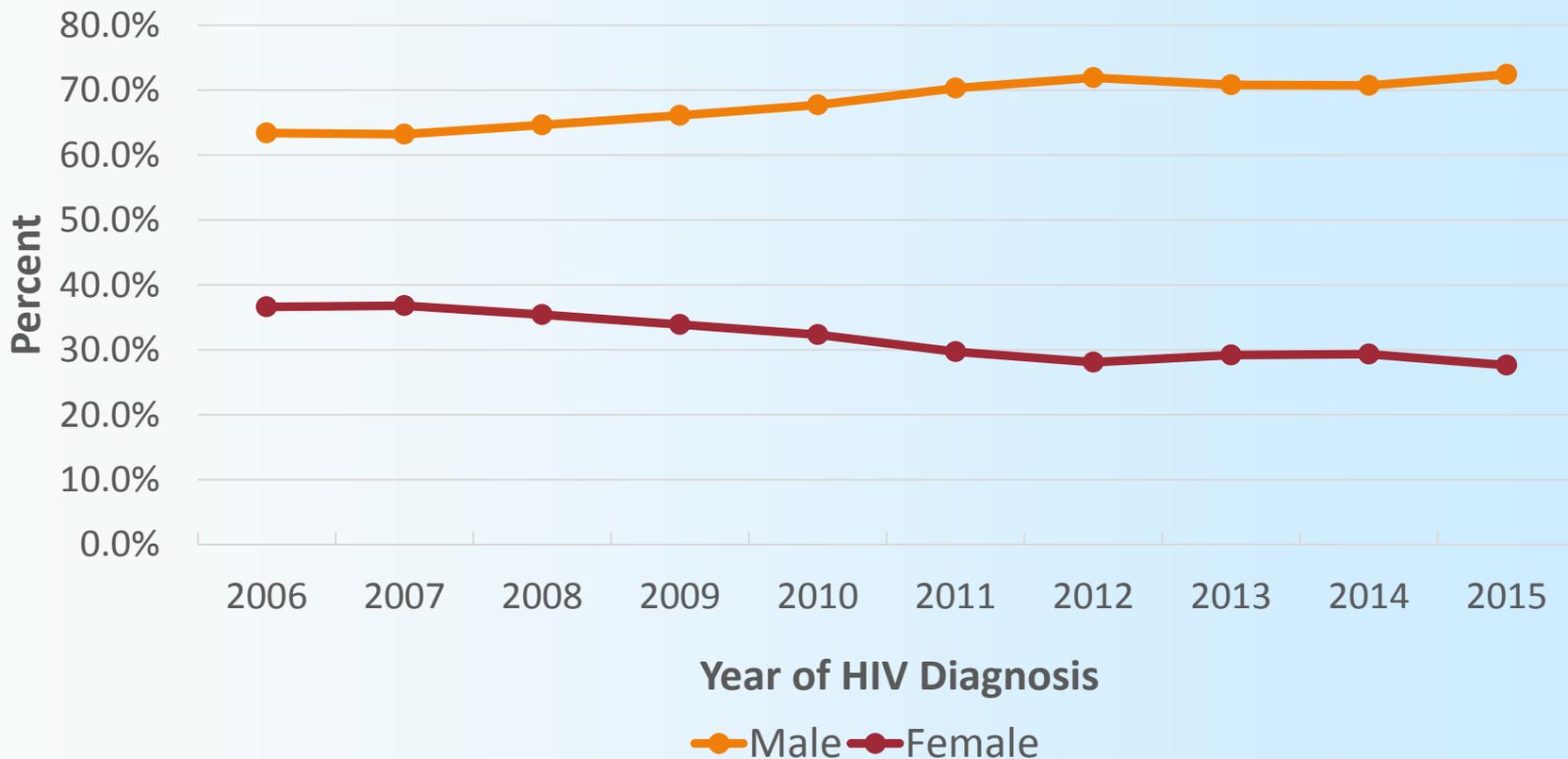
Maryland Reported Adult/Adolescent HIV Diagnoses by Region, 2015



Data reported through 6/30/2016

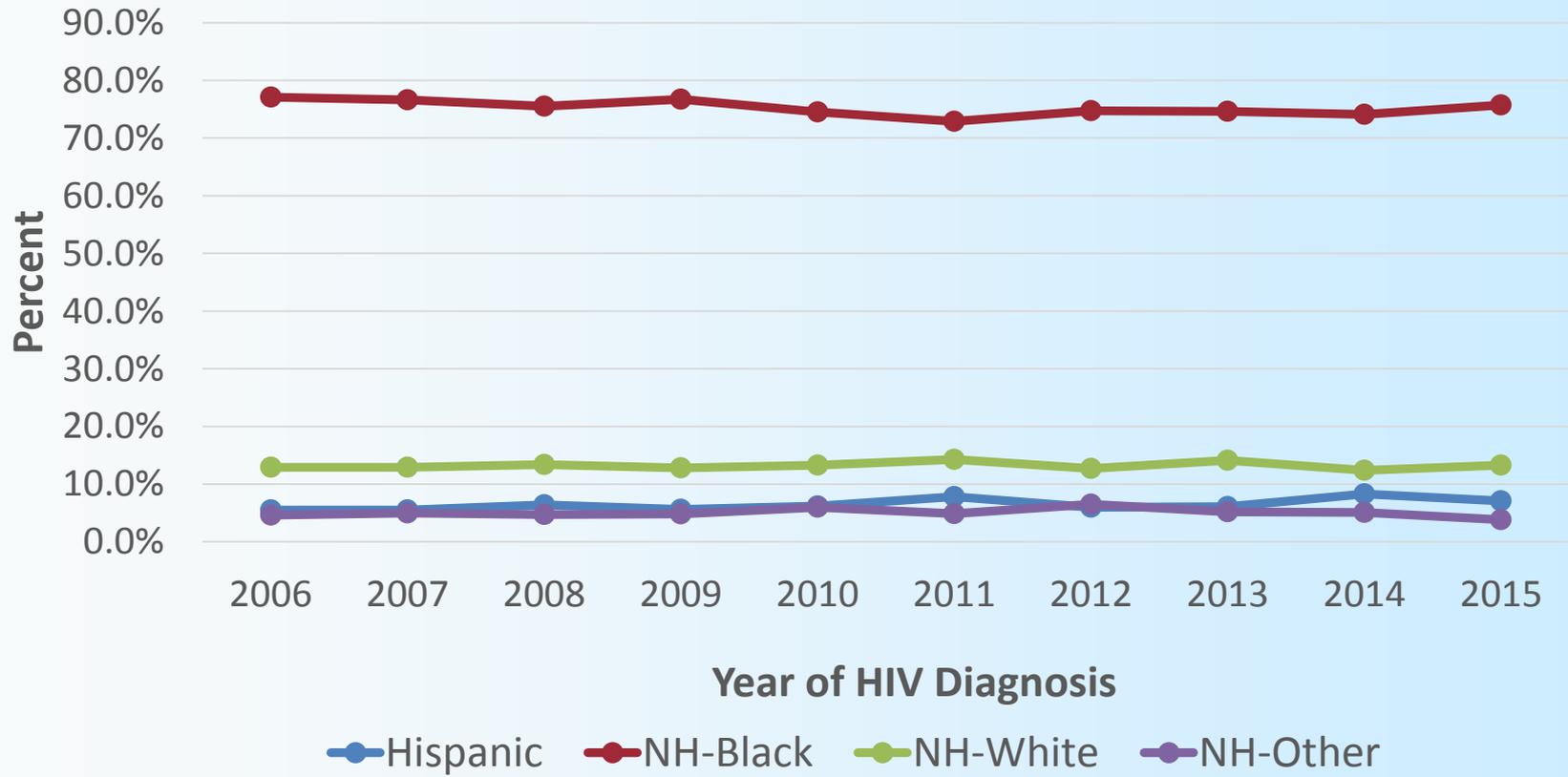


Reported Adult/Adolescent HIV Diagnosis Trends by Sex at Birth, Maryland



Data reported through 6/30/2016

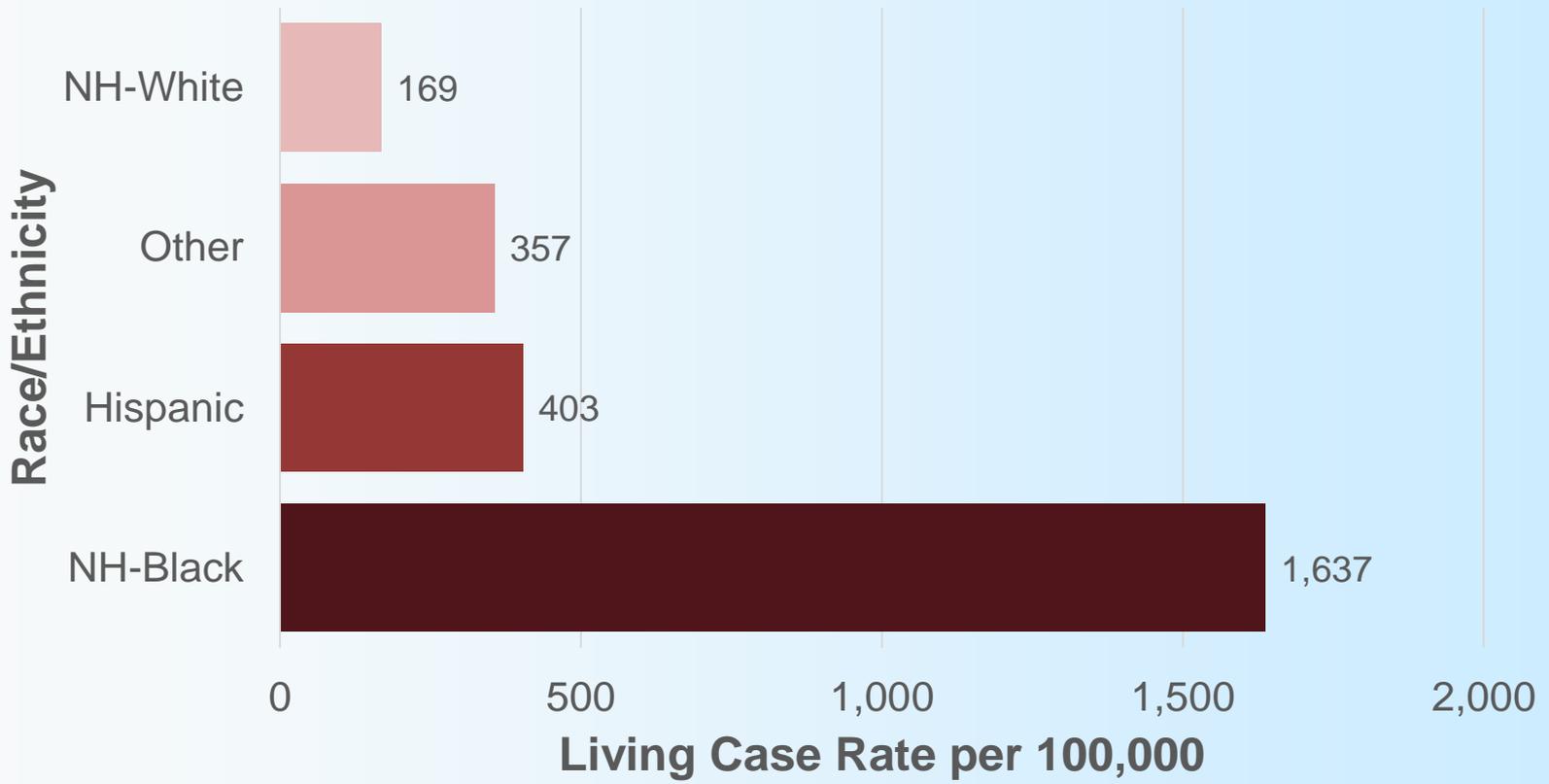
Reported Adult/Adolescent HIV Diagnosis Trends by Race/Ethnicity, Maryland



Data reported through 6/30/2016

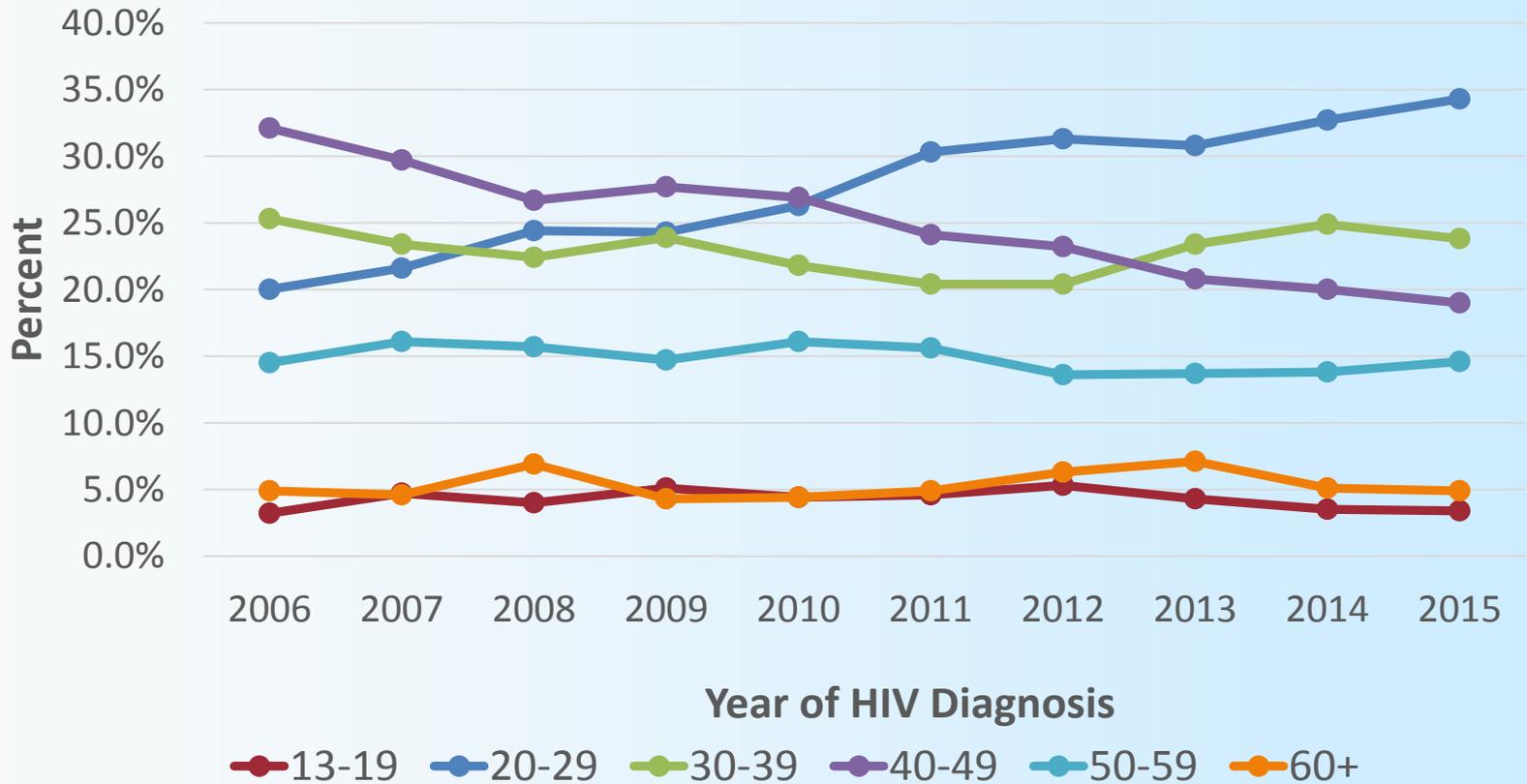


Living Adult/Adolescent HIV Case Rate by Race/Ethnicity, Maryland



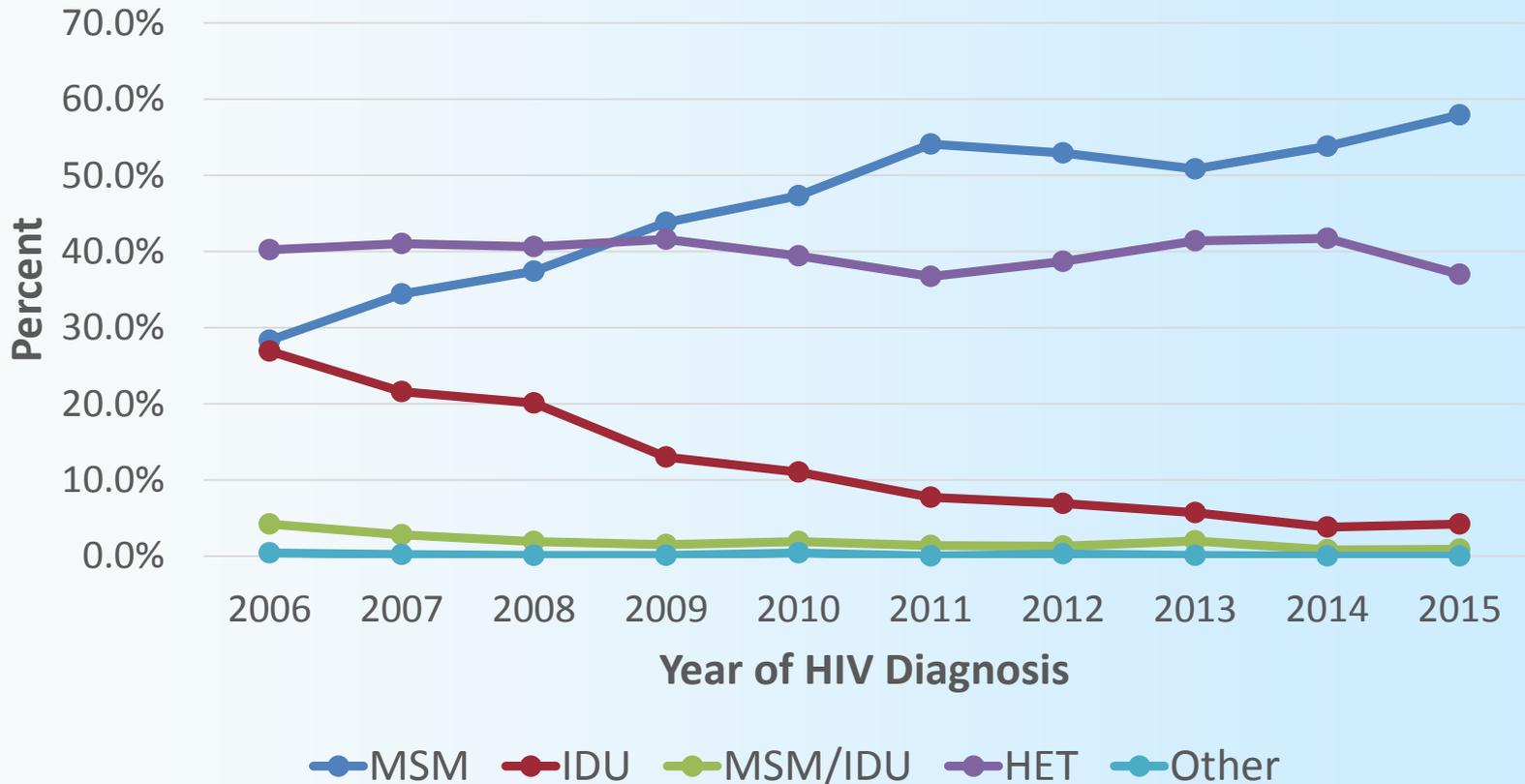
Data reported through 6/30/2016

Reported Adult/Adolescent HIV Diagnosis Trends by Age at Diagnosis, Maryland

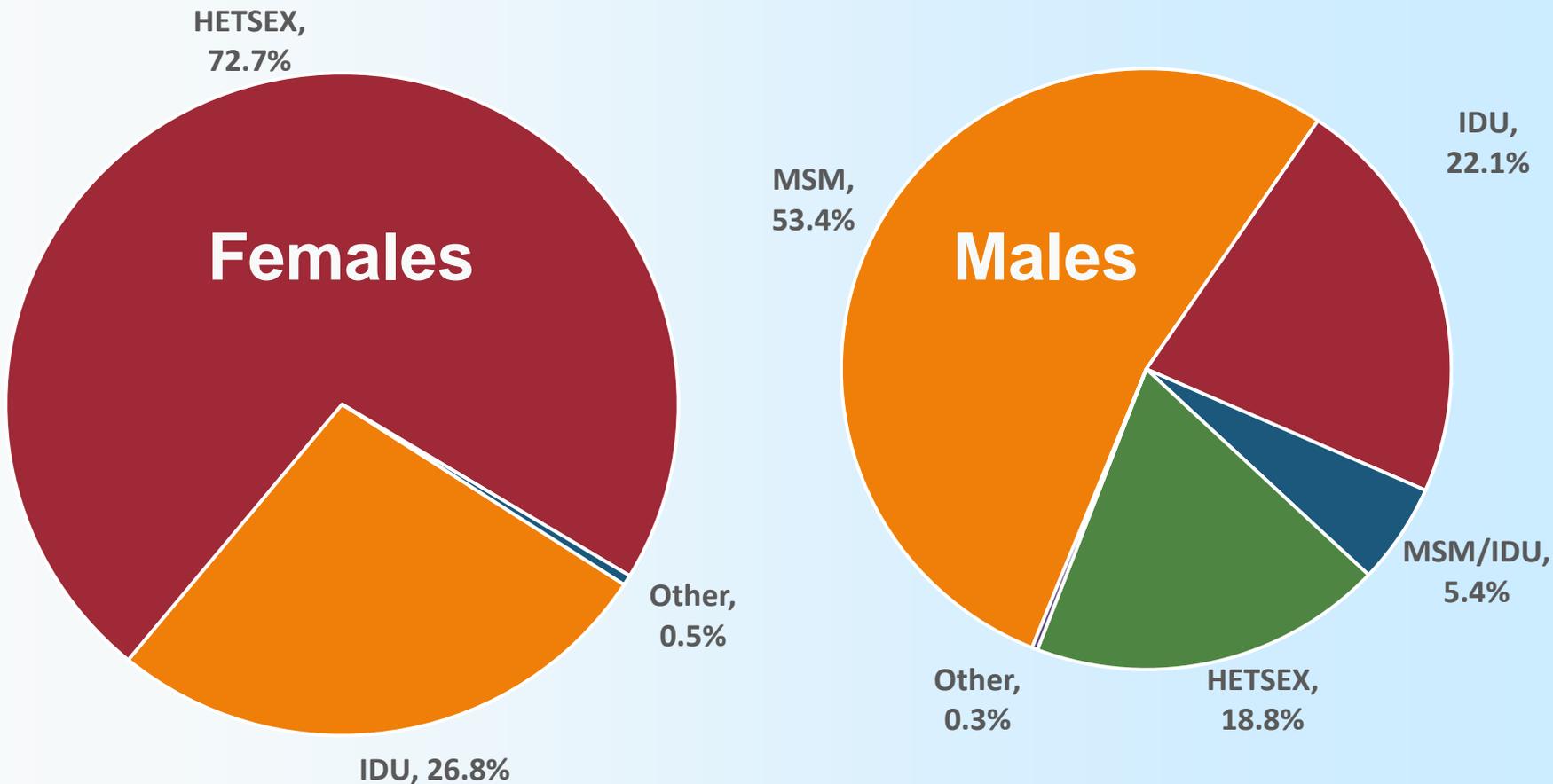




Reported Adult/Adolescent HIV Diagnosis Trends by Exposure Category, Maryland



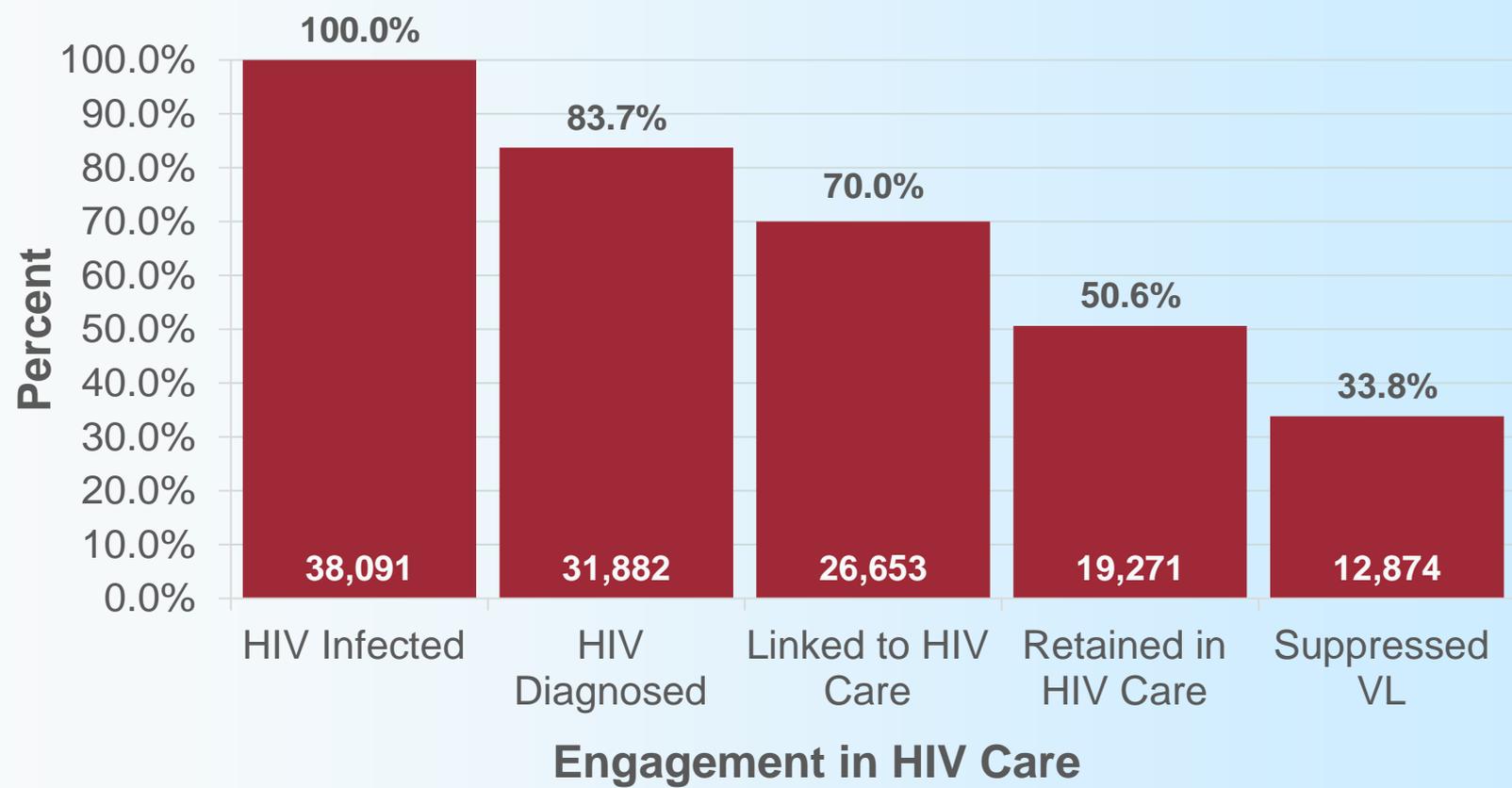
Adult/Adolescent Living HIV Cases by Sex at Birth and Exposure Category, Maryland



Data reported through 6/30/2016



Estimate of HIV Infected Adults Engaged in the Continuum of Care, Maryland

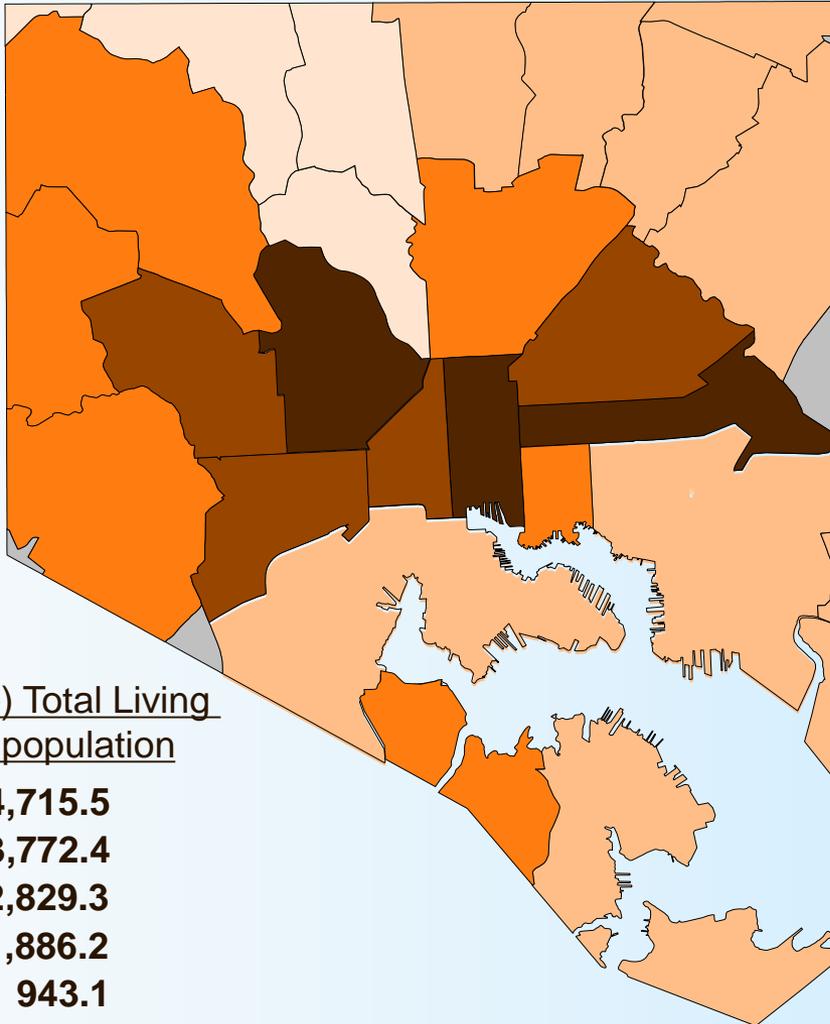


Data reported through 6/30/2016



BALTIMORE CITY

Total Living Adult/Adolescent HIV Case Rates Baltimore City, 12/31/2015



By zip code of residence at diagnosis

N = 12,473

City rate = 2,384.0 cases per 100,000

Adult/Adolescent (Age 13+) Total Living HIV Cases per 100,000 population

- 3,772.4 – 4,715.5
- 2,829.4 – 3,772.4
- 1,886.3 – 2,829.3
- 943.2 – 1,886.2
- 1 – 943.1
- Population <1,000

Data reported through 6/30/2016

Baltimore City Numbers



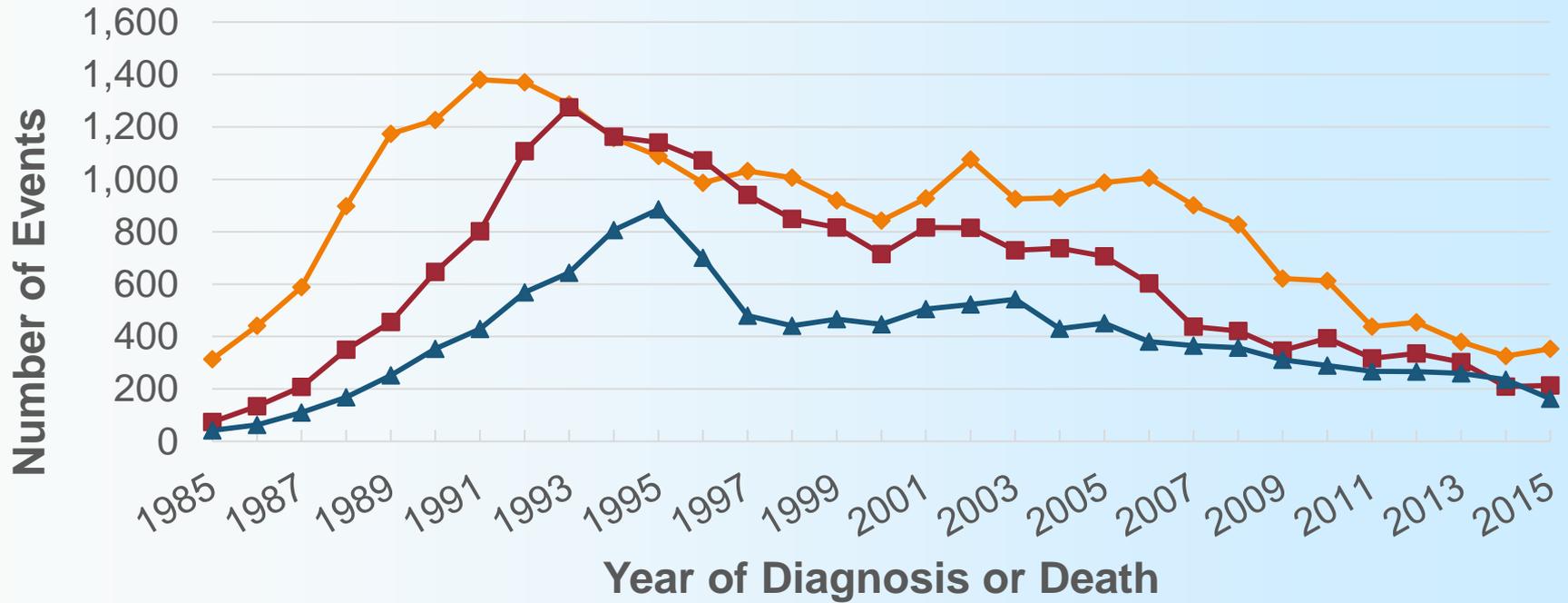
12,473 adults/adolescents living with HIV/AIDS at the end of 2015

353 adults/adolescents reported HIV diagnoses in 2015

163 AIDS deaths reported during 2015

Baltimore-Towson had the **10th** highest HIV diagnosis report rate of any metropolitan area (24.3 cases per 100,000 population) in the U.S. in 2014

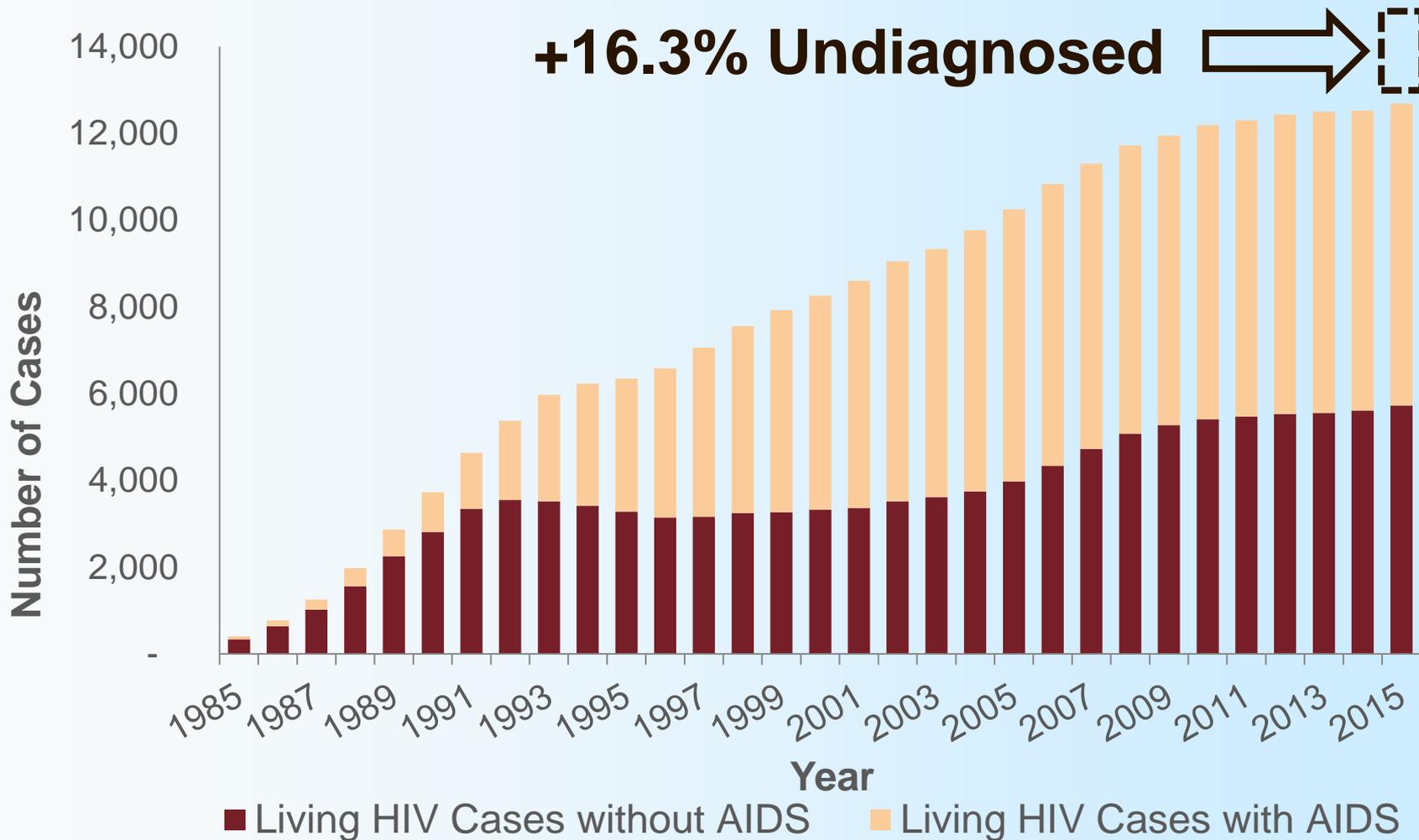
HIV/AIDS Trends Baltimore City



◆ Reported HIV Diagnoses
 ■ Reported AIDS Diagnoses
▲ Reported AIDS Deaths

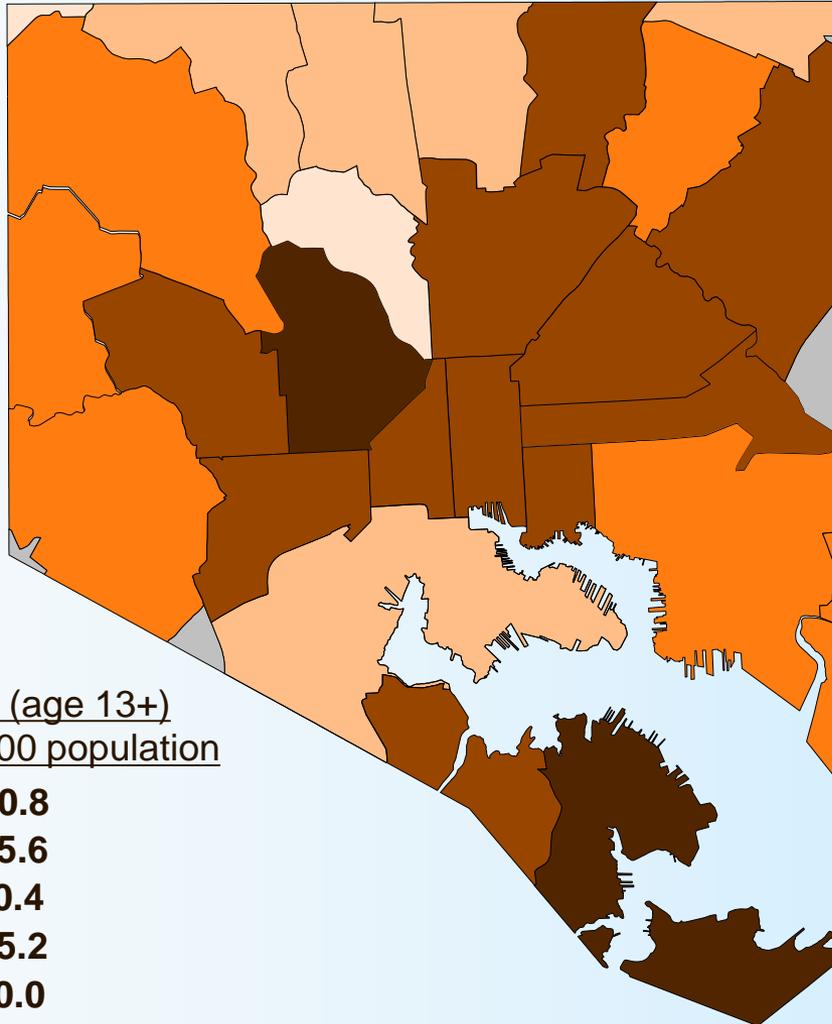
2001-2008 HIV high, due to reporting transition

Baltimore City Living HIV Cases



Data reported through 6/30/2016

Reported Adult/Adolescent HIV Diagnosis Rates Baltimore City, 2015



By zip code of
residence at
diagnosis

N = 353

City rate = 67.5
cases per 100,000

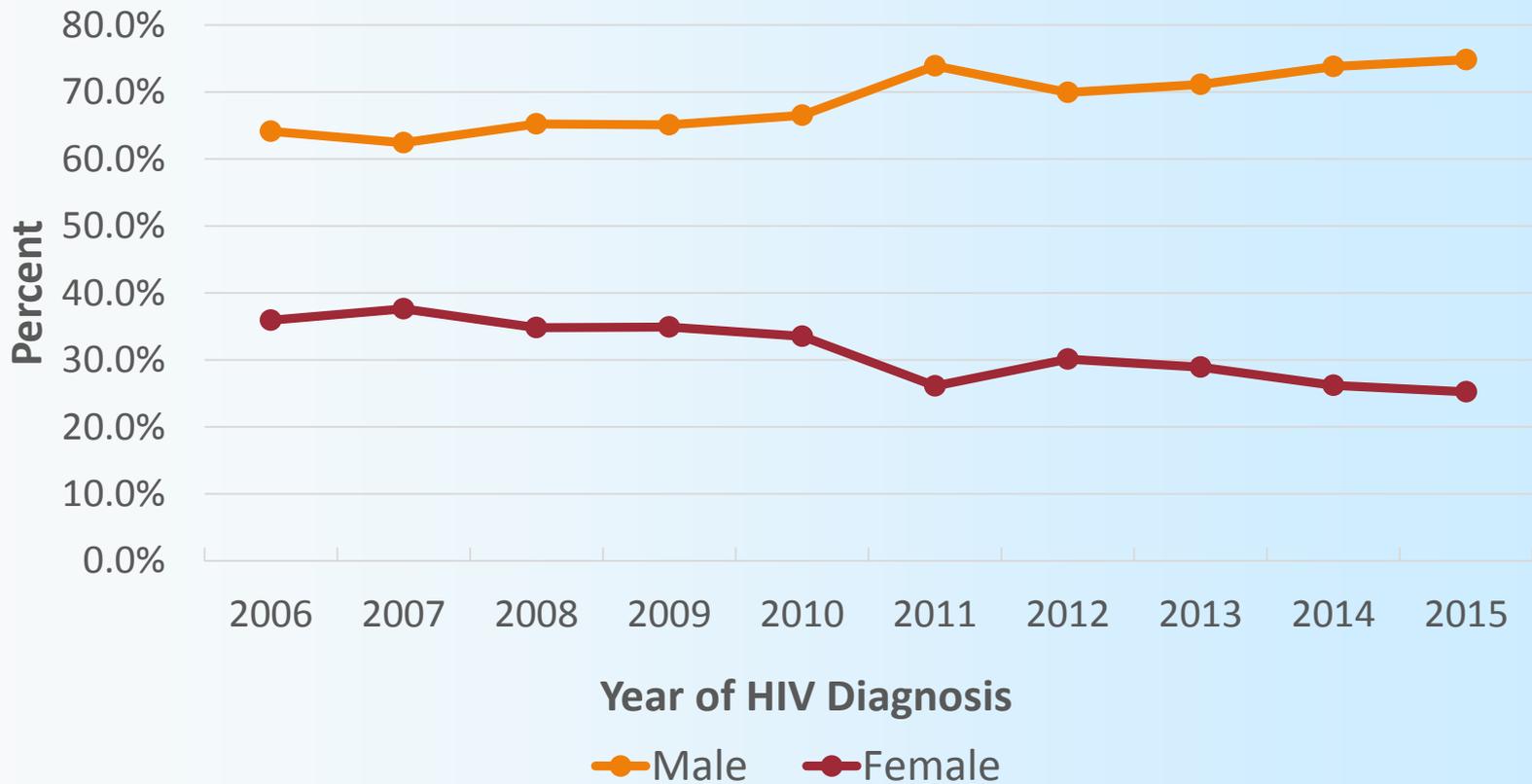
Reported Adult/Adolescent (age 13+)
HIV Diagnoses, per 100,000 population

- 105.7 – 140.8
- 70.5 – 705.6
- 35.3 – 70.4
- 0.1 – 35.2
- 0.0
- Population <1,000

Data reported through 6/30/2016

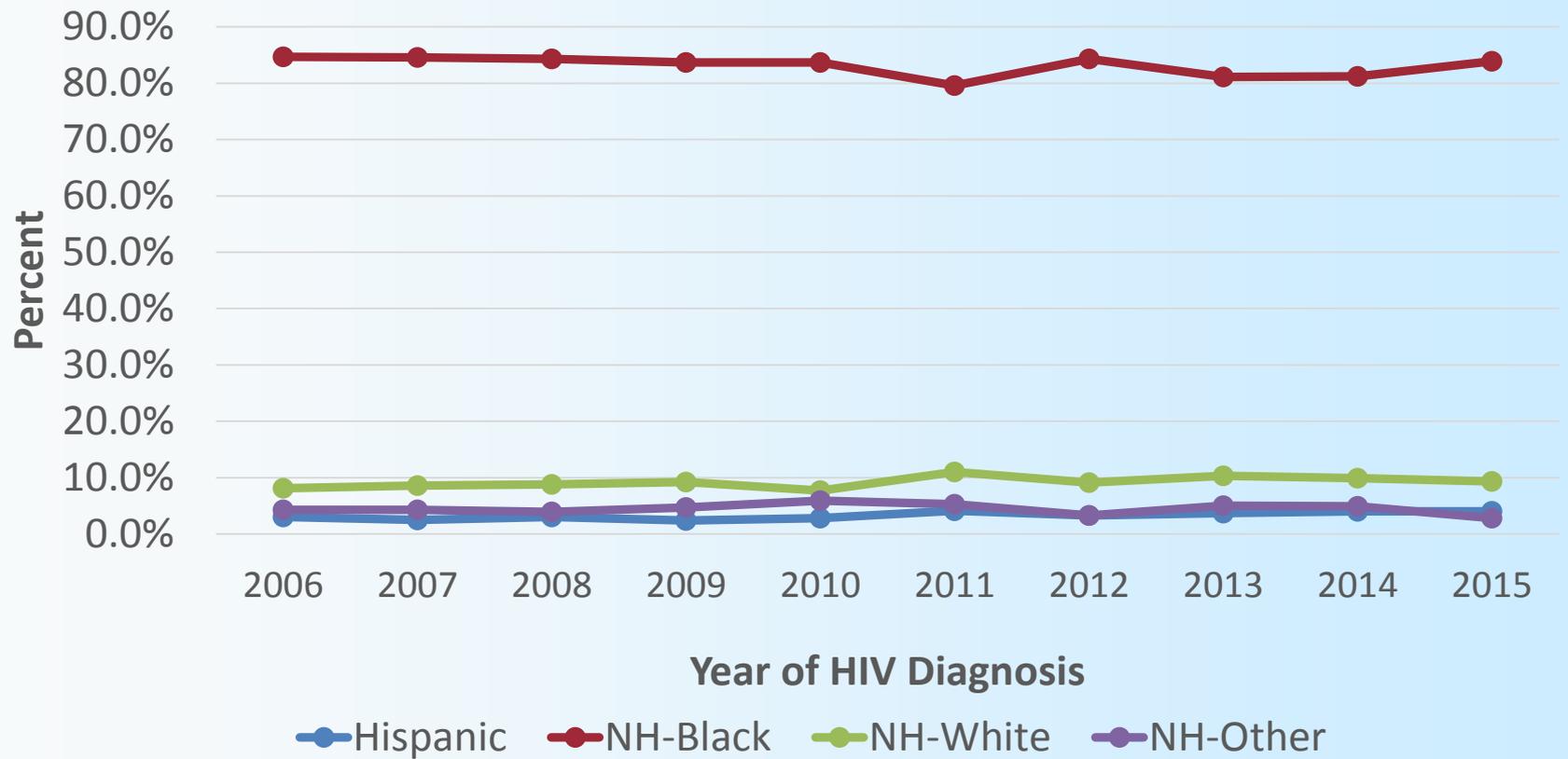


Reported Adult/Adolescent HIV Diagnosis Trends by Sex at Birth, Baltimore City



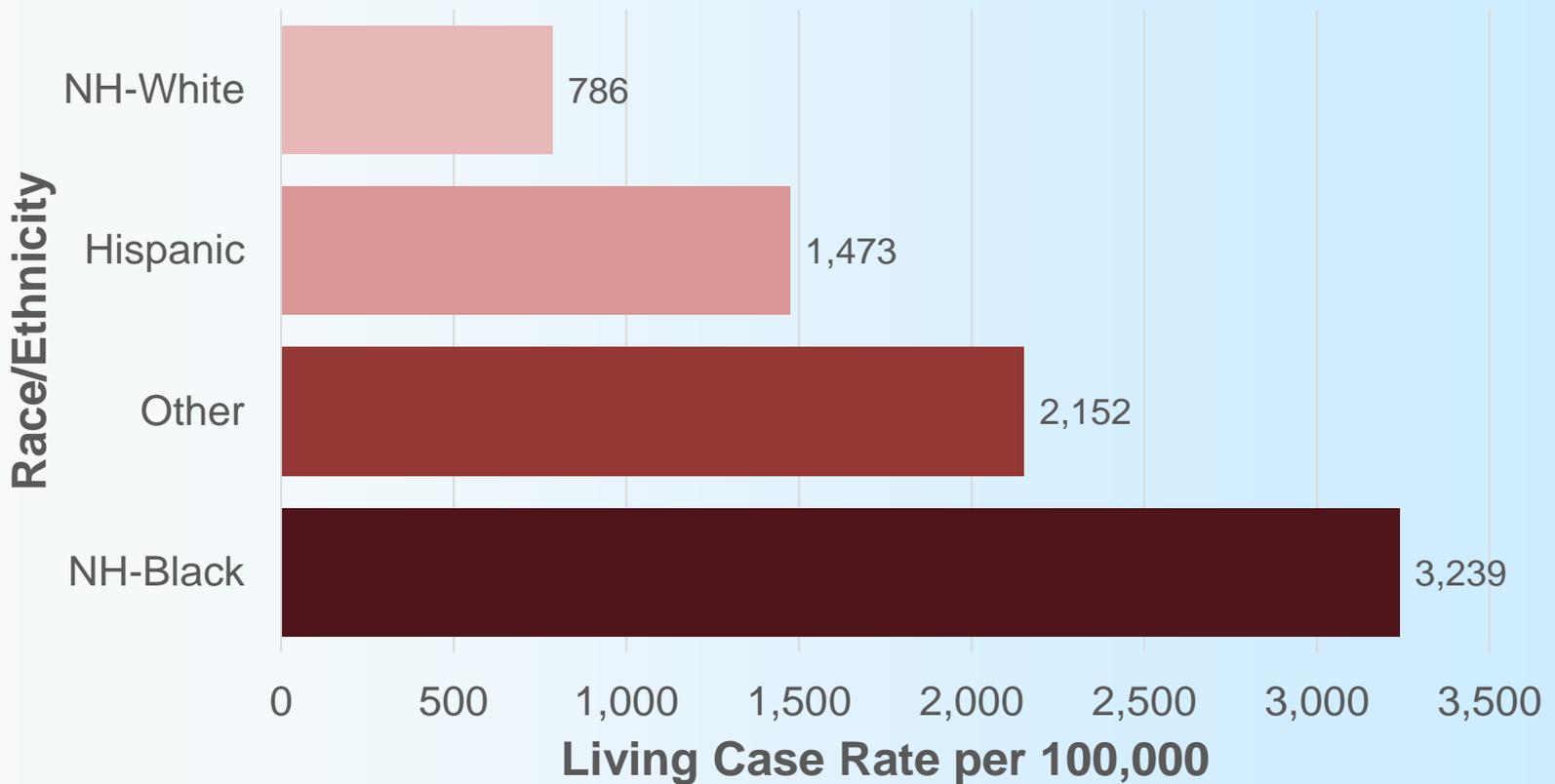


Reported Adult/Adolescent HIV Diagnosis Trends by Race/Ethnicity, Baltimore City





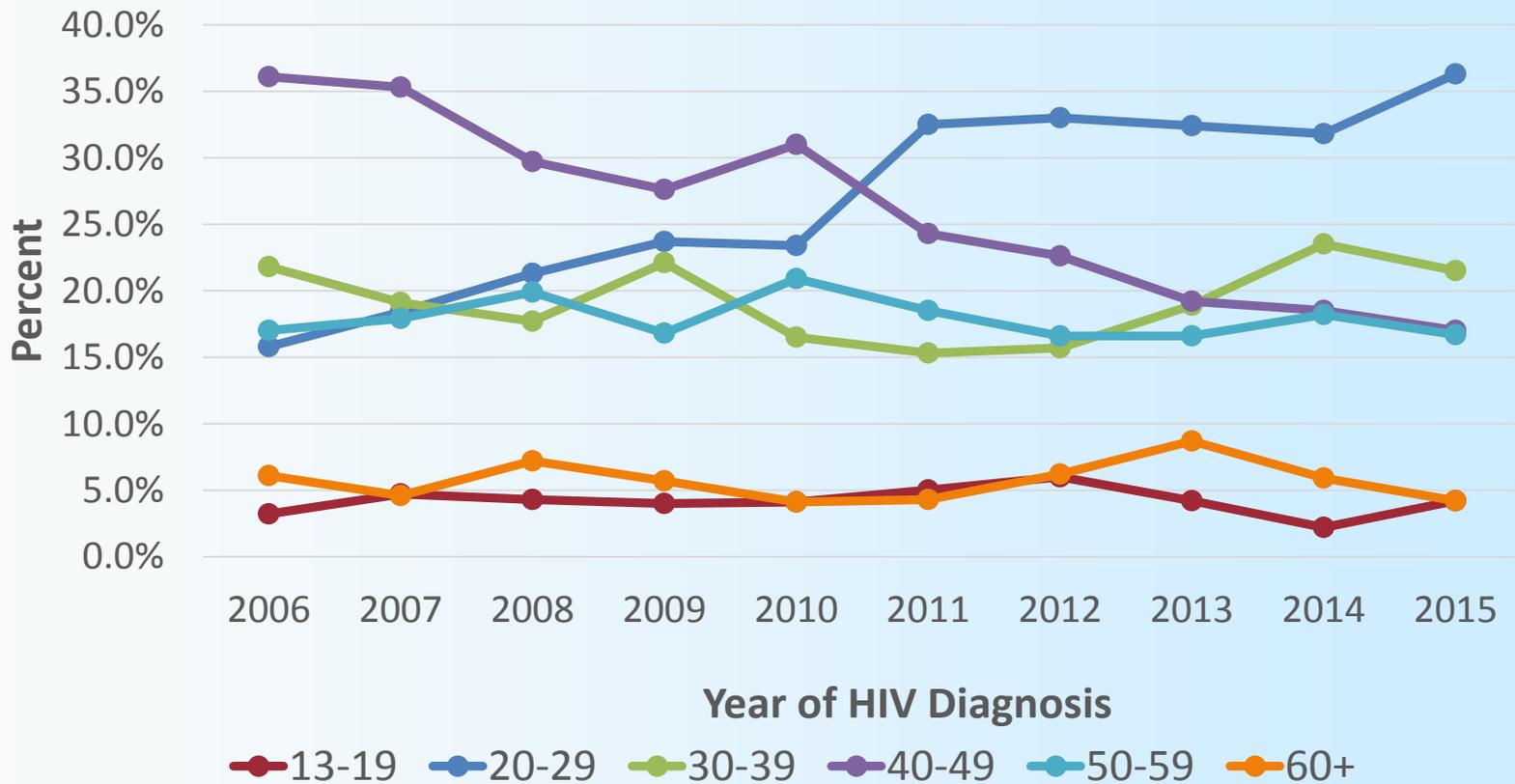
Living Adult/Adolescent HIV Case Rate by Race/Ethnicity, Baltimore City



Data reported through 6/30/2016

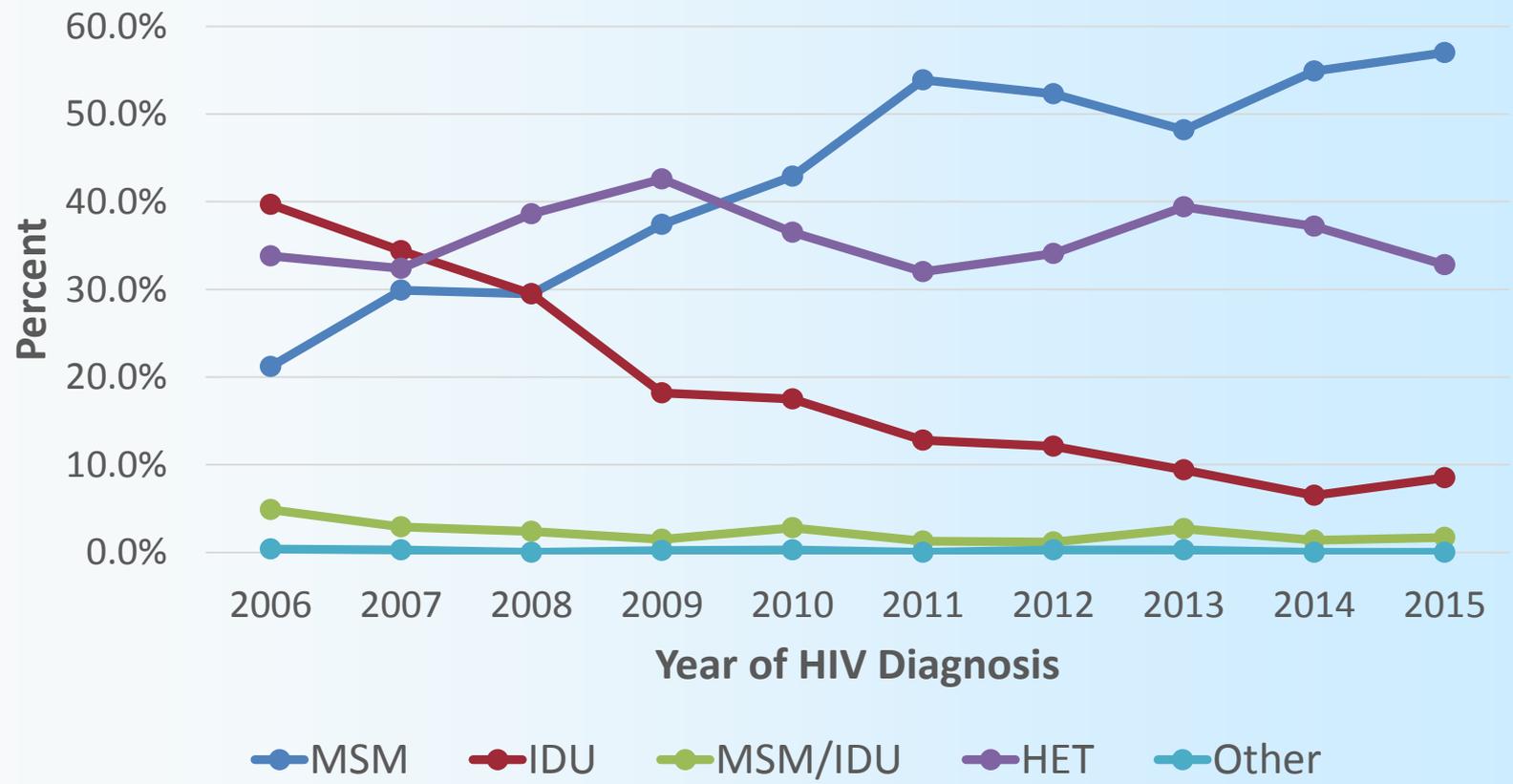


Reported Adult/Adolescent HIV Diagnosis Trends by Age at Diagnosis, Baltimore City





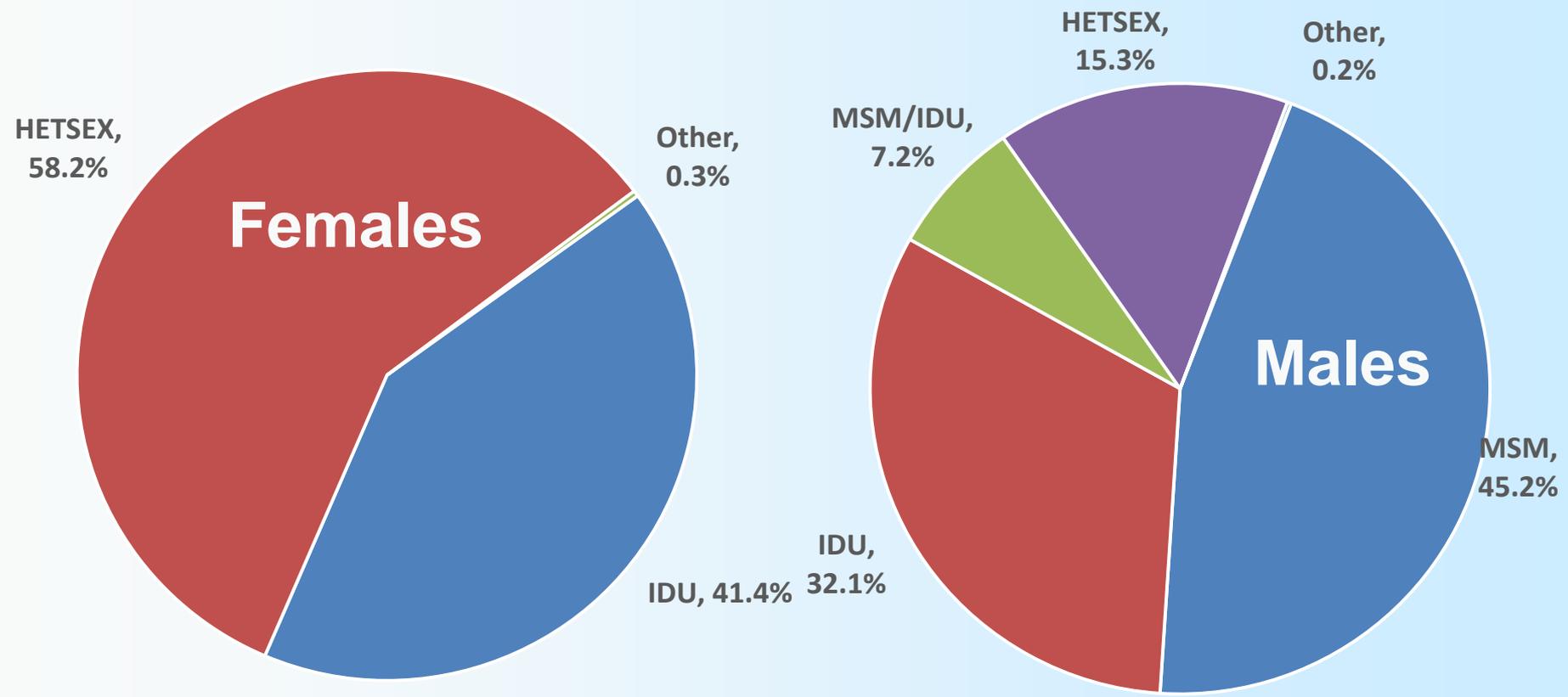
Reported Adult/Adolescent HIV Diagnoses, Exposure Category Trends, Baltimore City



Data reported through 6/30/2016



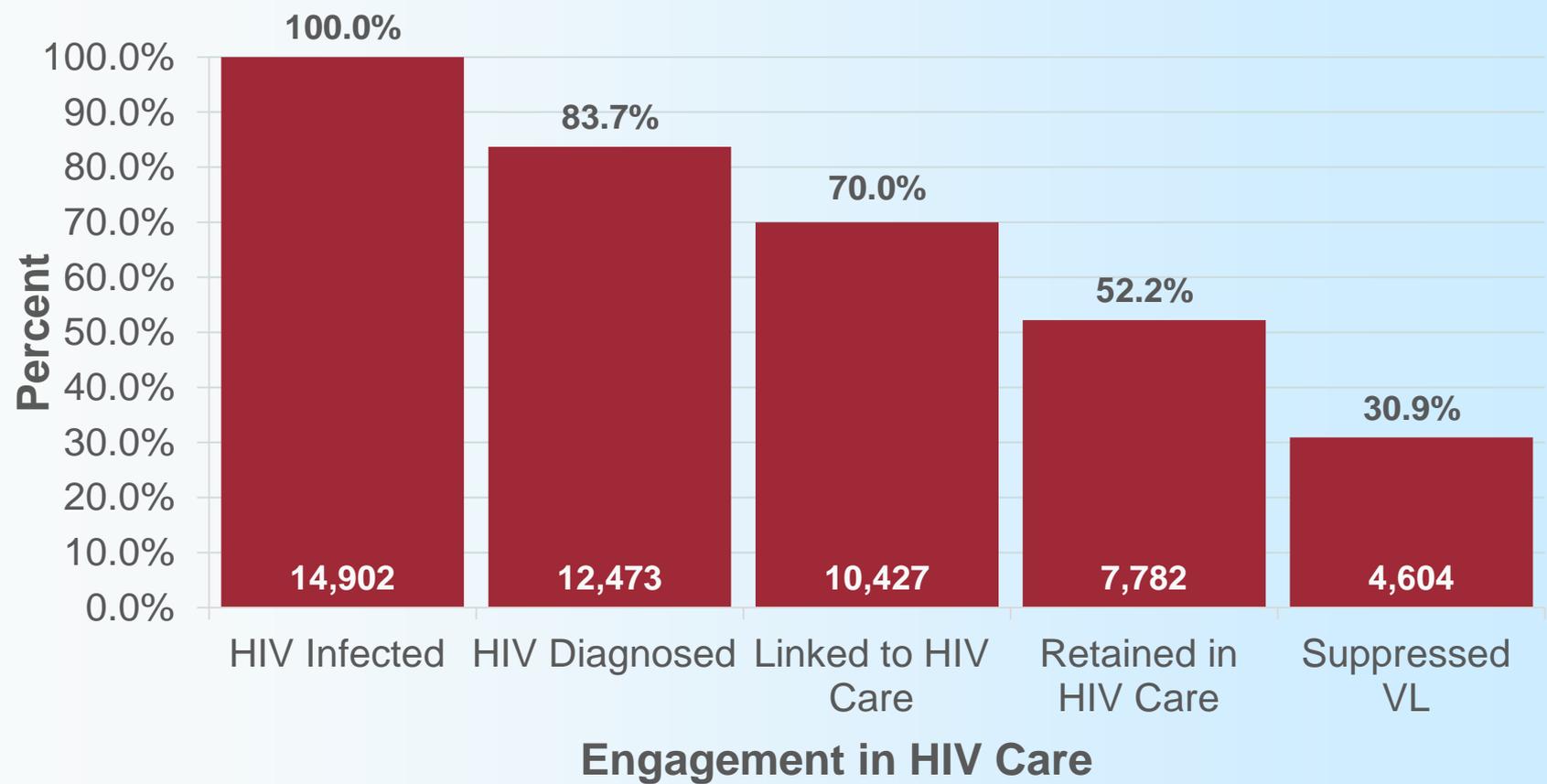
Adult/Adolescent Living HIV Cases by Sex at Birth and Exposure Category, Baltimore City



Data reported through 6/30/2016



Estimate of HIV Infected Adults Engaged in the Continuum of Care, Baltimore City

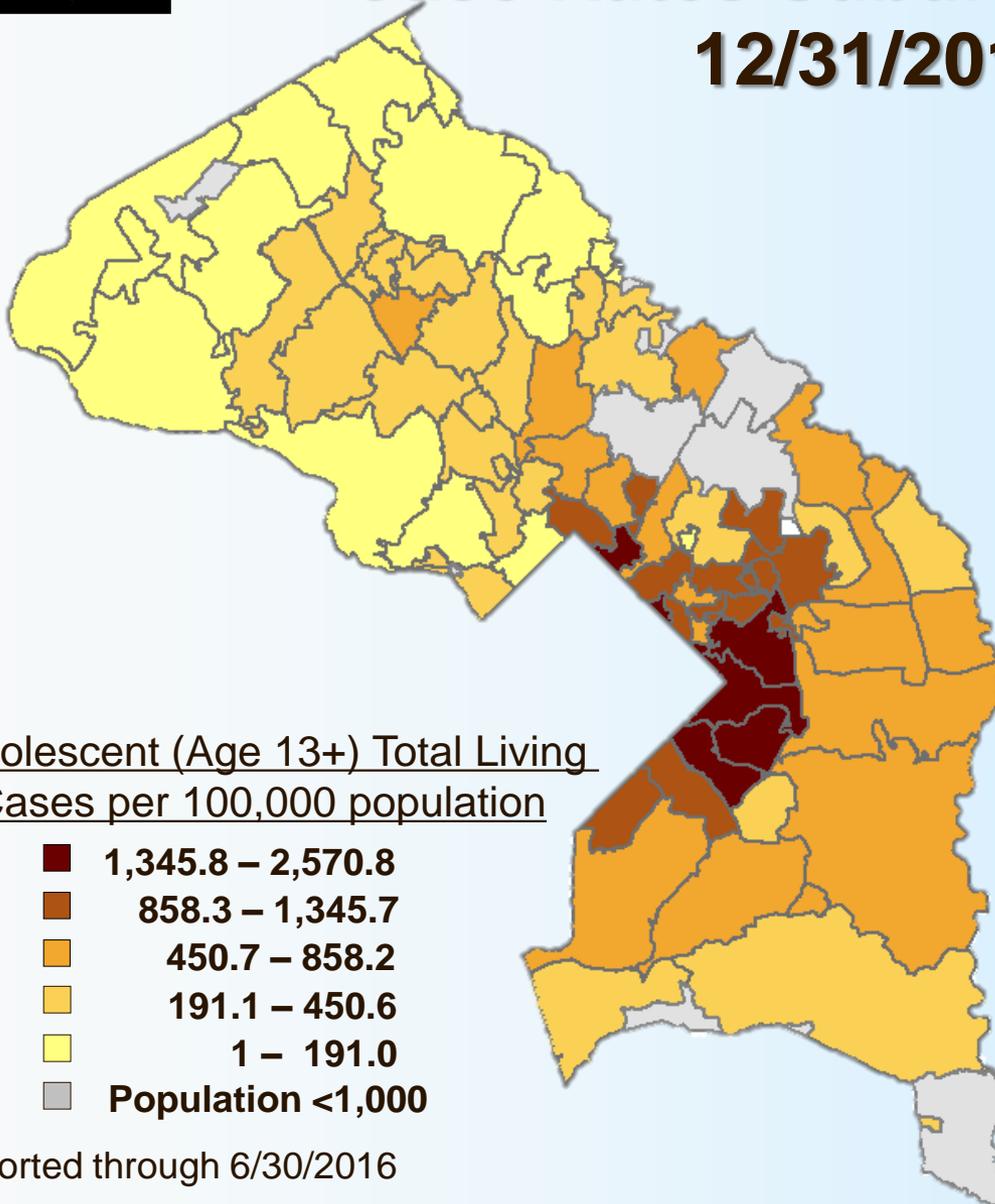


Data reported through 6/30/2016



SUBURBAN REGION: MONTGOMERY Co. PRINCE GEORGE'S Co.

Total Living Adult/Adolescent HIV Case Rates Suburban Region, 12/31/2015



By zip code of residence
at diagnosis

Total Cases: 10,796
Montgomery: 3,736
Prince George's: 7,060

Region rate: 1,396.5
cases per 100,000
Montgomery: 907.3
Prince George's: 1,954.1

Adult/Adolescent (Age 13+) Total Living
HIV Cases per 100,000 population

- 1,345.8 – 2,570.8
- 858.3 – 1,345.7
- 450.7 – 858.2
- 191.1 – 450.6
- 1 – 191.0
- Population <1,000

Data reported through 6/30/2016

Suburban Region Numbers

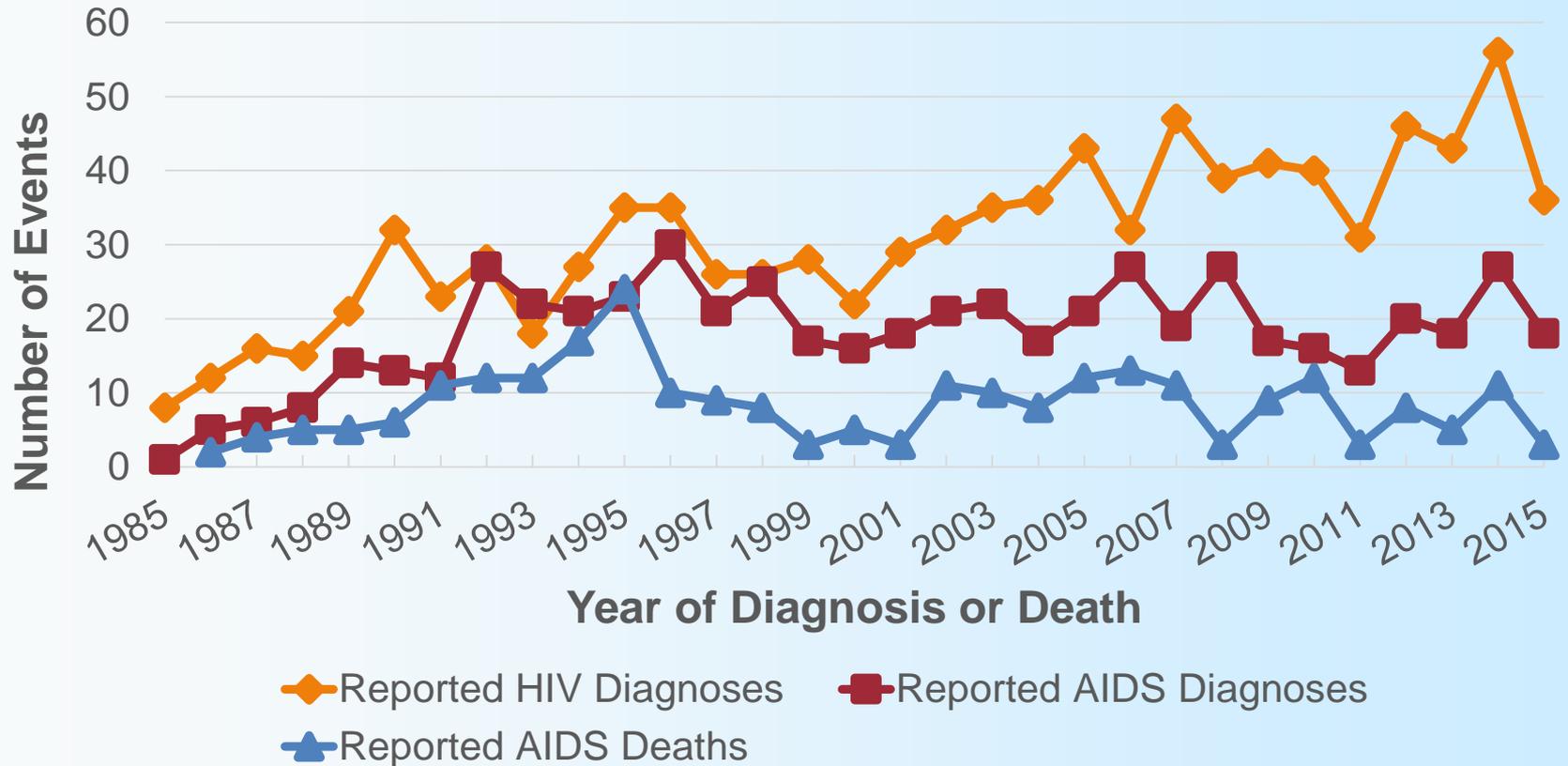


10,796 adults/adolescents living with
HIV/AIDS at the end of 2015

598 adults/adolescents reported HIV
diagnoses in 2015

49 AIDS deaths reported during 2015

HIV/AIDS Trends Suburban Region

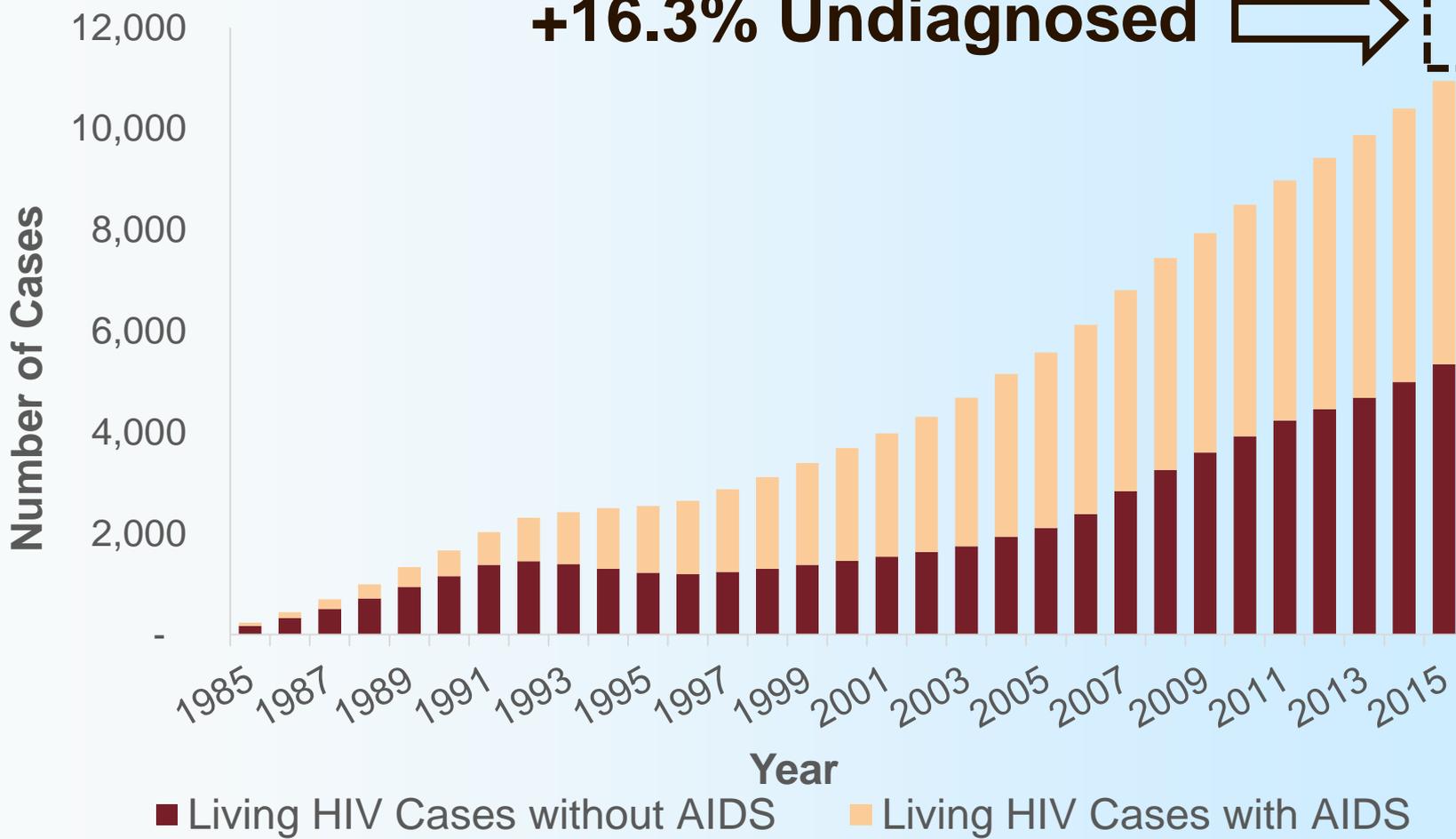
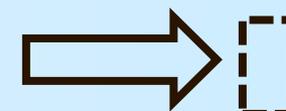


2001-2008 HIV high, due to reporting transition

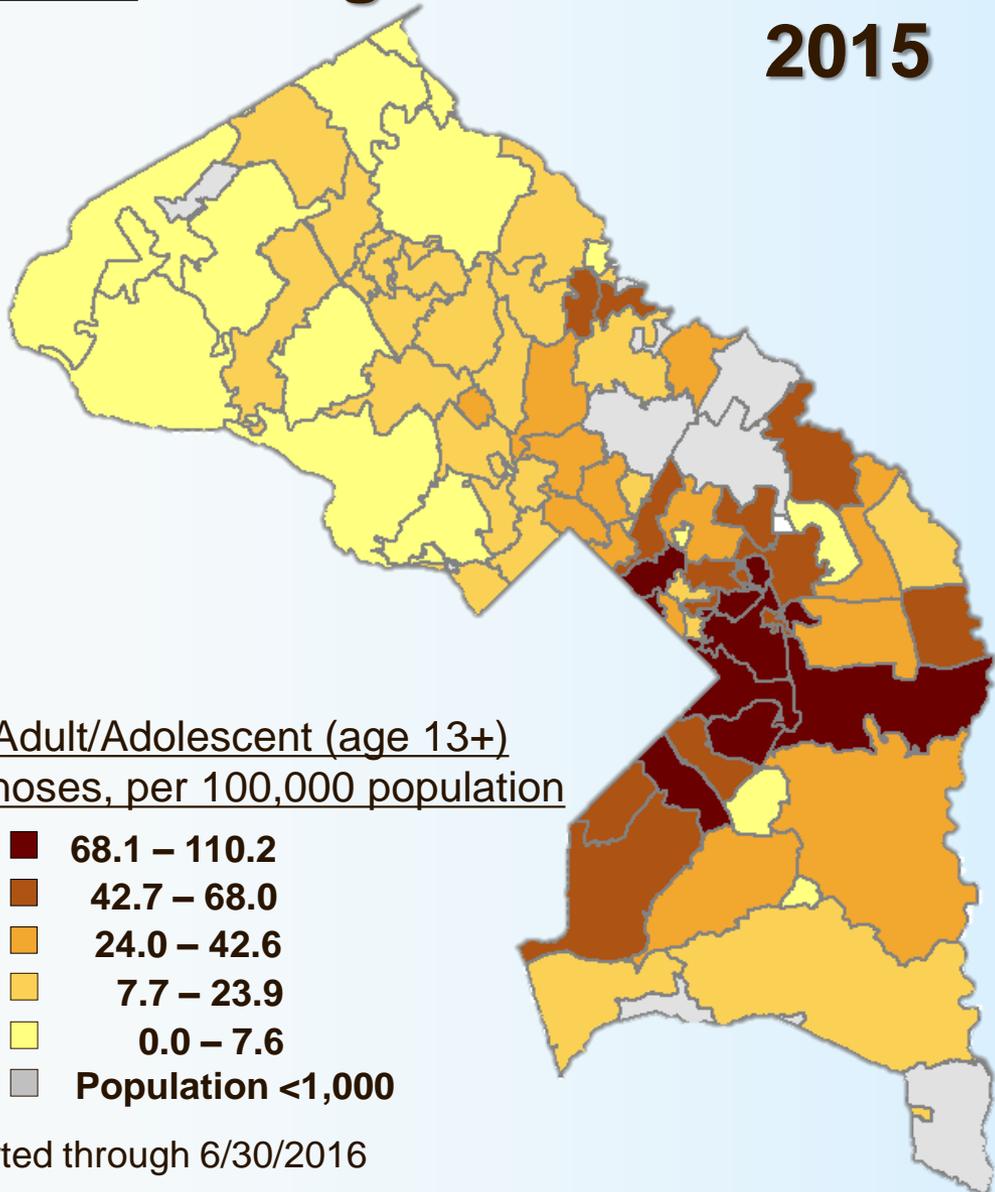
Suburban Region Living HIV Cases



+16.3% Undiagnosed



Reported Adult/Adolescent HIV Diagnosis Rates Suburban Region, 2015



By ZIP code of residence
at diagnosis

Total Reported HIV
Diagnoses: 598
Montgomery: 176
Prince George's: 422

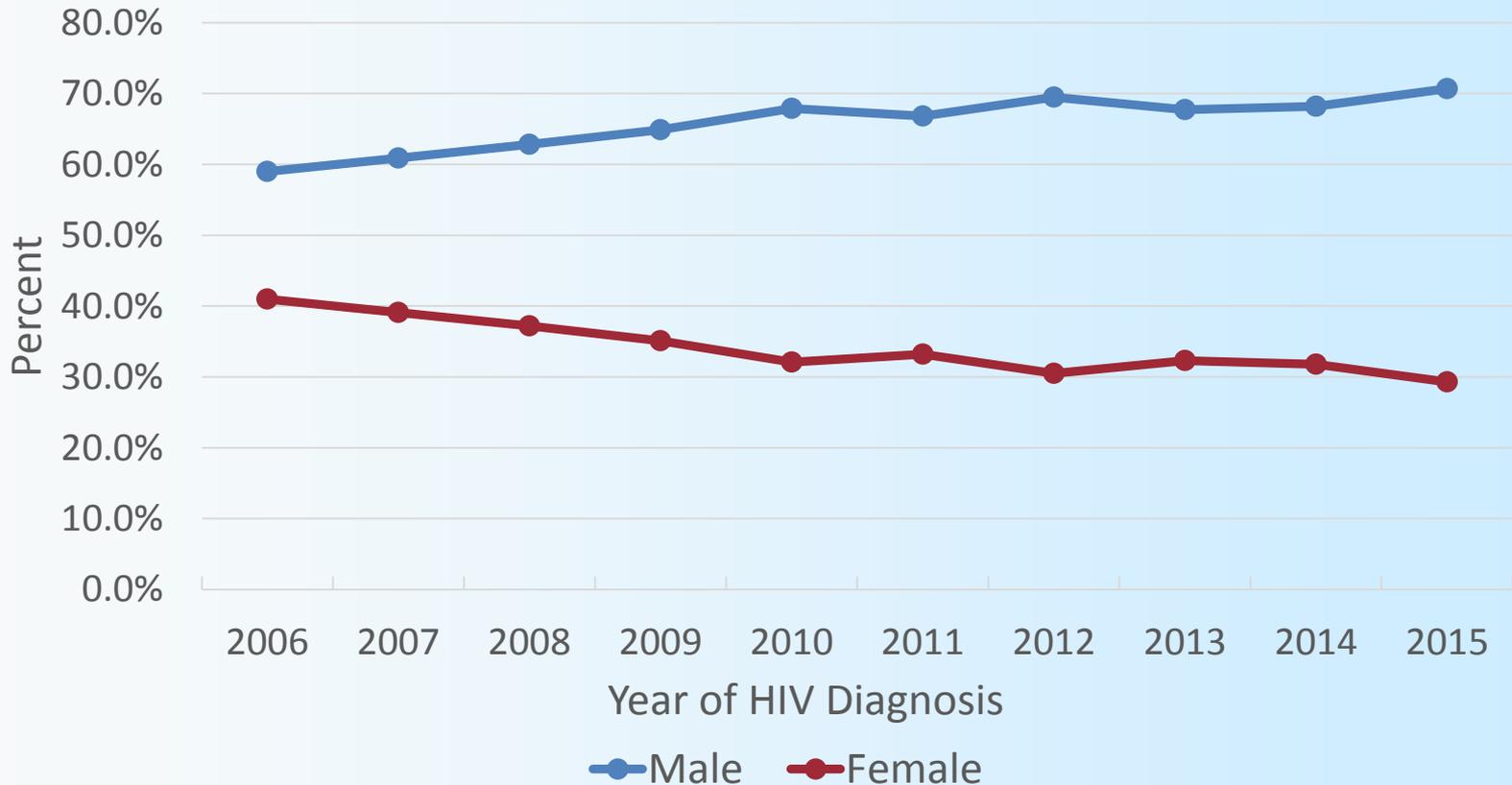
Region rate: 77.4 cases
per 100,000
Montgomery: 42.7
Prince George's: 116.8

Reported Adult/Adolescent (age 13+)
HIV Diagnoses, per 100,000 population

- 68.1 – 110.2
- 42.7 – 68.0
- 24.0 – 42.6
- 7.7 – 23.9
- 0.0 – 7.6
- Population <1,000

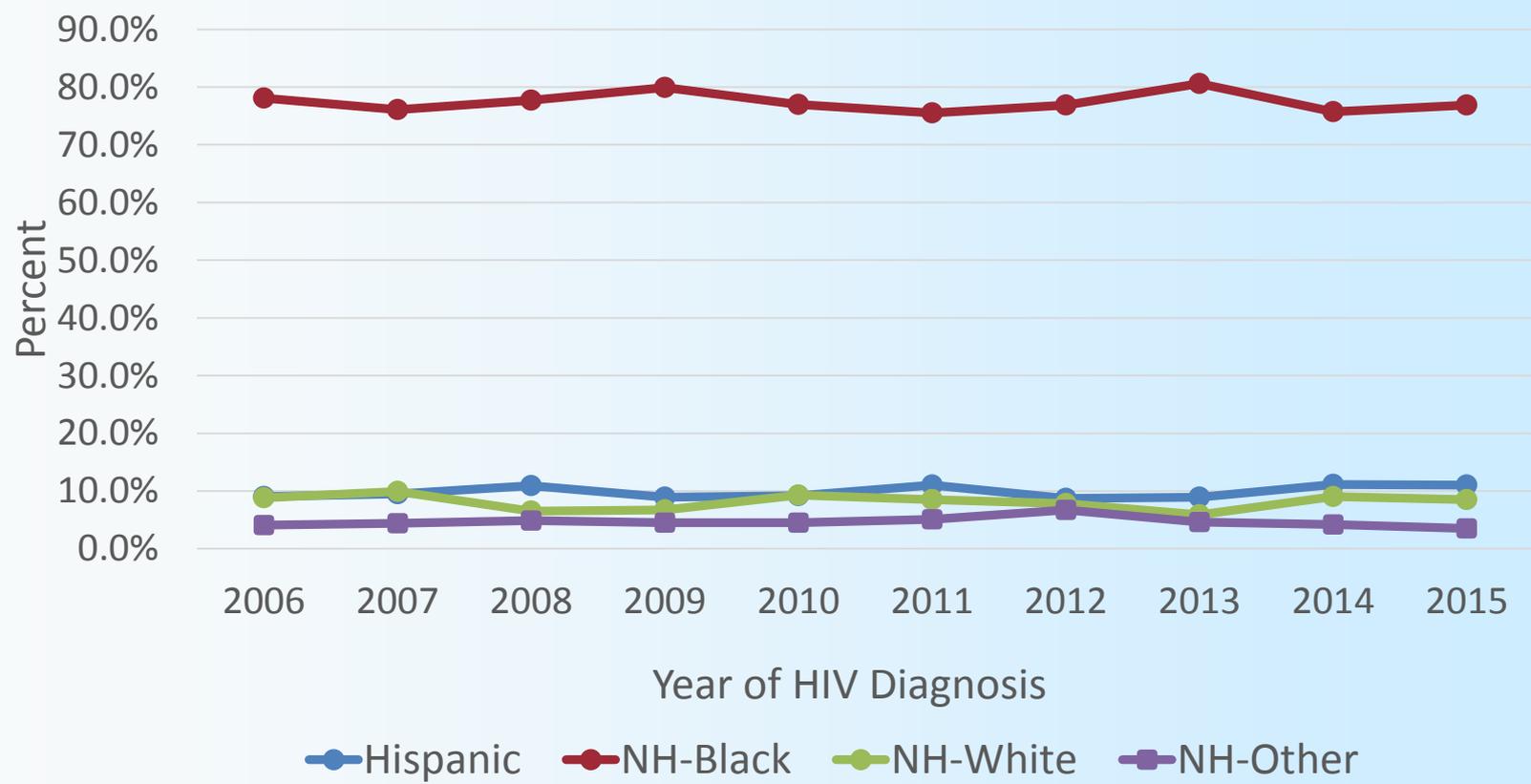
Data reported through 6/30/2016

Reported Adult/Adolescent HIV Diagnosis Trends by Sex at Birth, Suburban Region





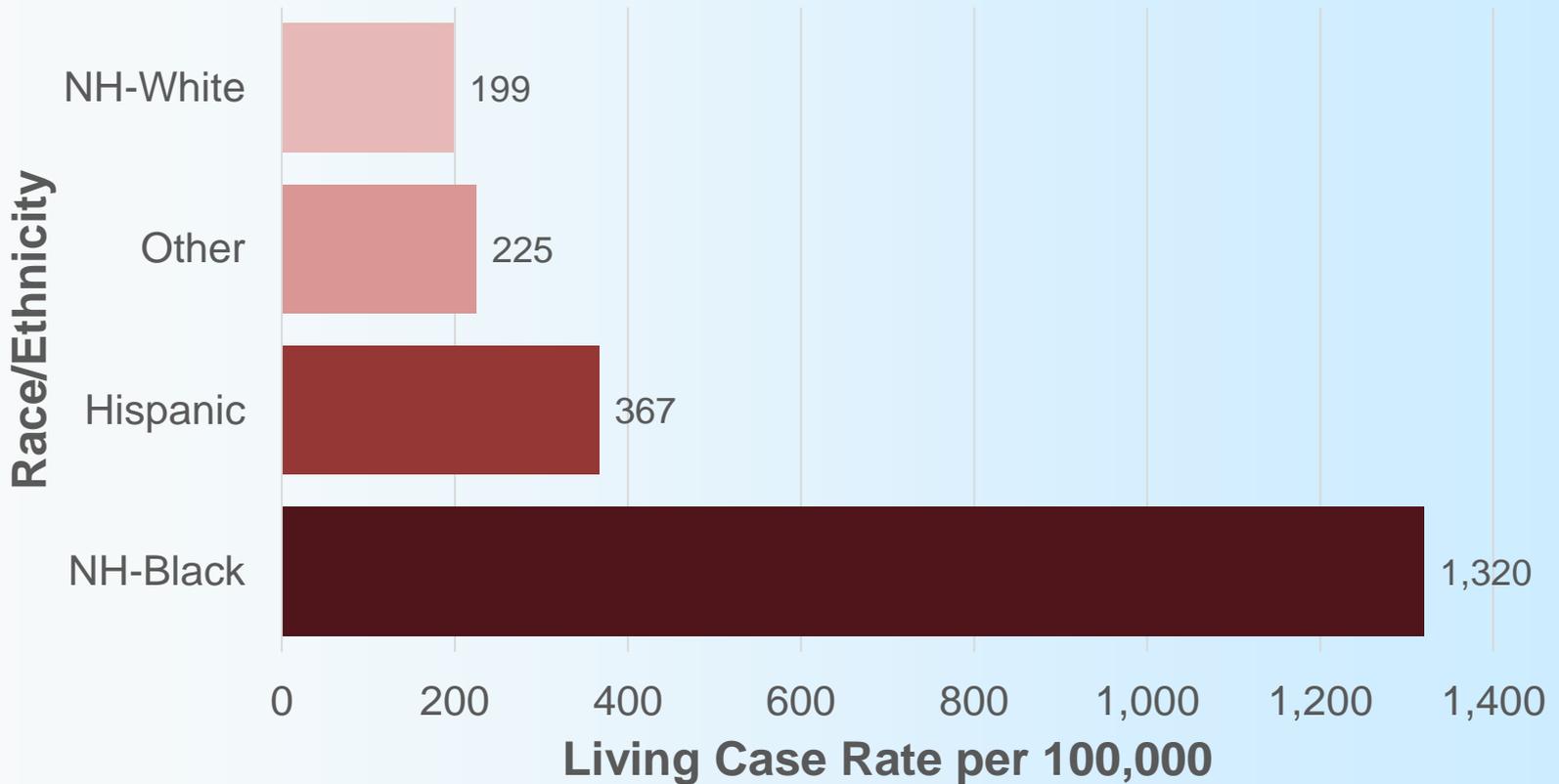
Reported Adult/Adolescent HIV Diagnosis Trends by Race/Ethnicity, Suburban Region



Data reported through 6/30/2016



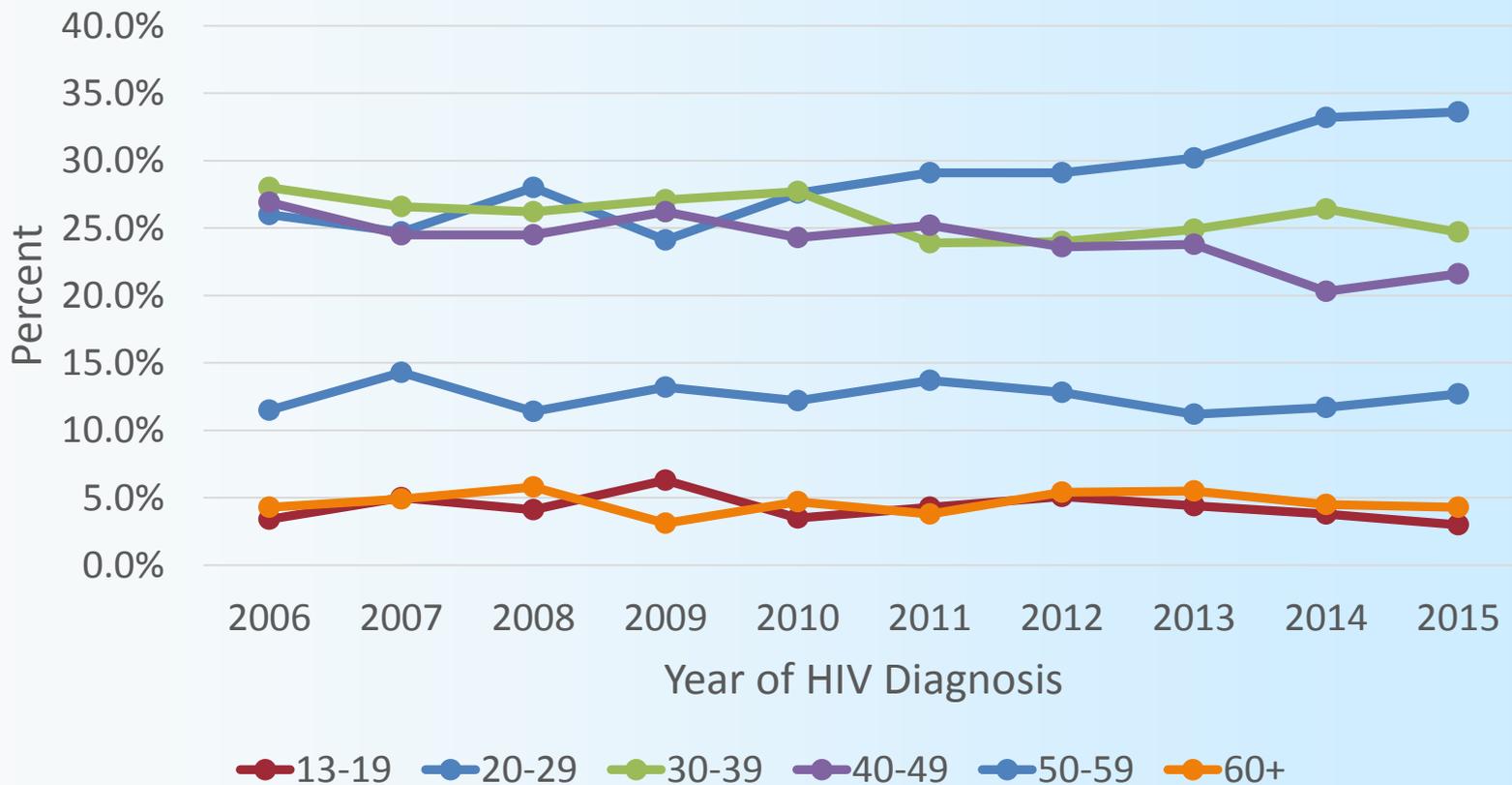
Living Adult/Adolescent HIV Case Rate by Race/Ethnicity, Suburban Region



Data reported through 6/30/2016

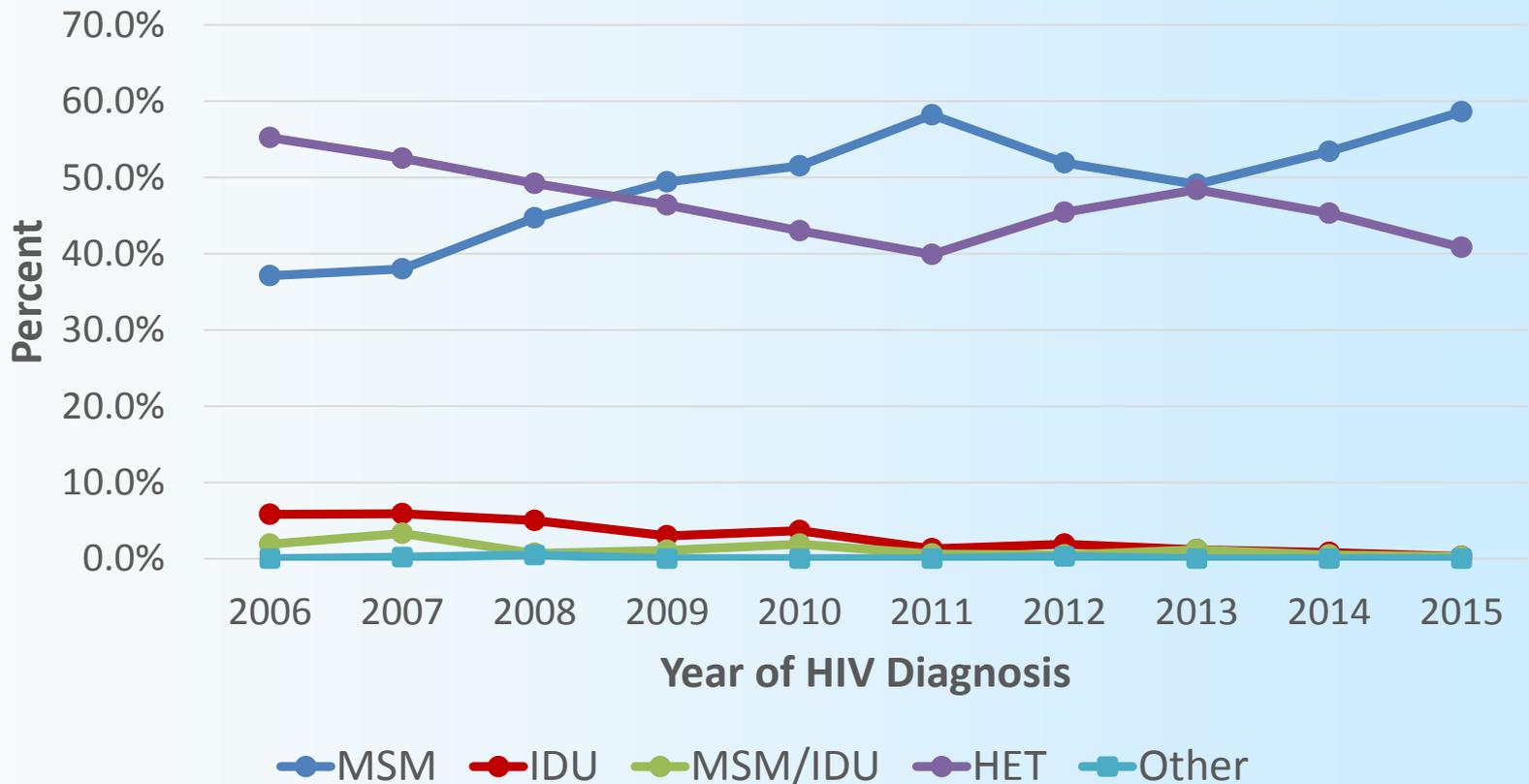


Reported Adult/Adolescent HIV Diagnosis Trends by Age at Diagnosis, Suburban Region

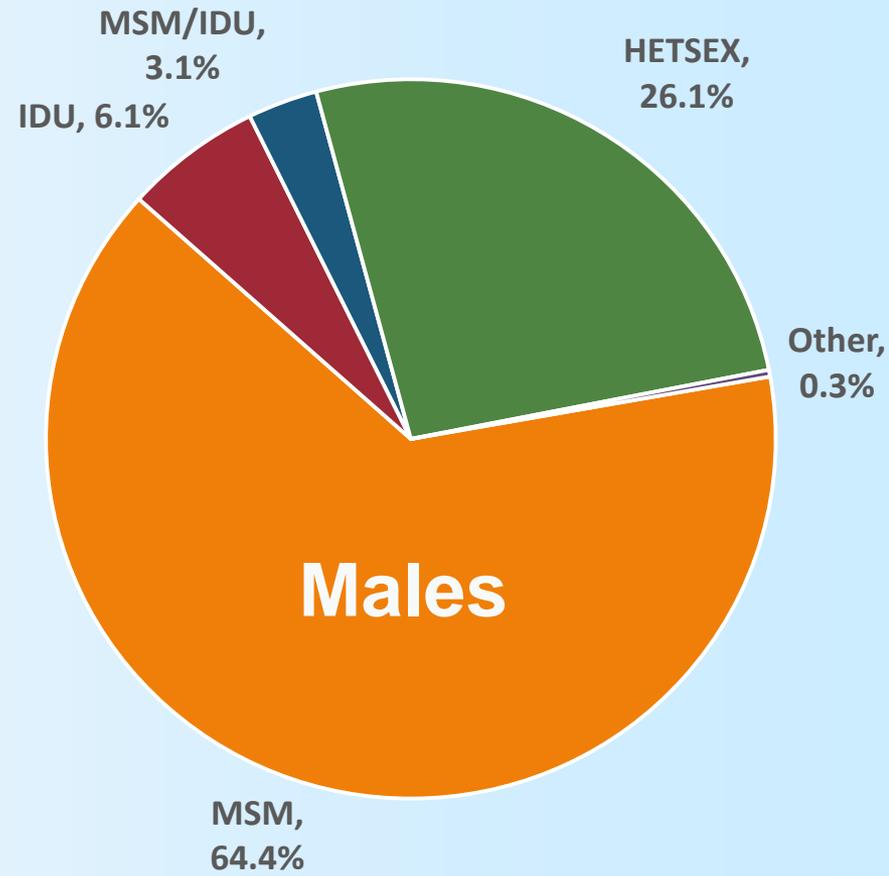
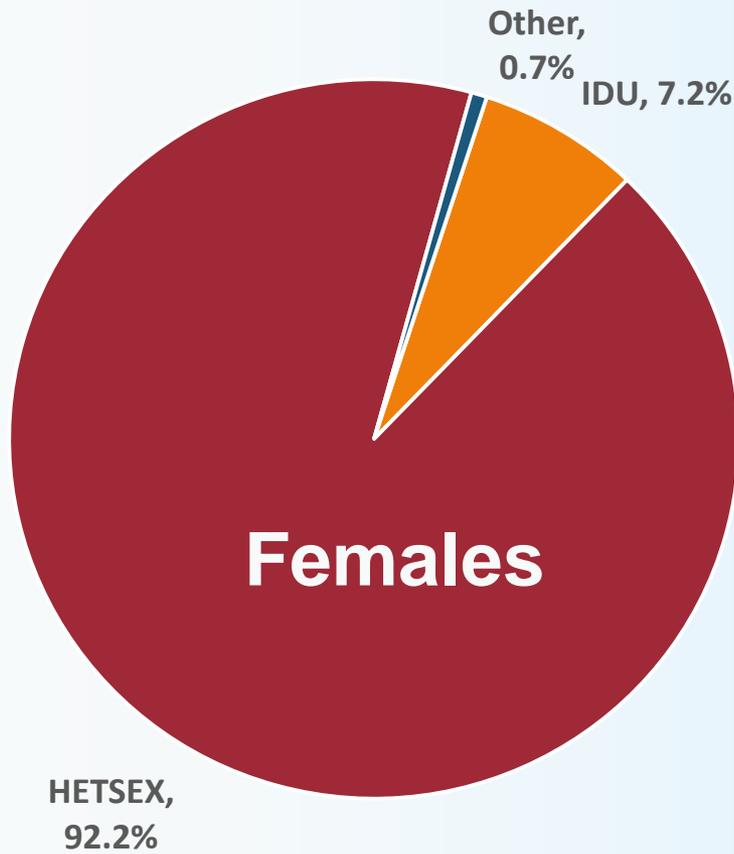




Reported Adult/Adolescent HIV Diagnoses, Exposure Category Trends, Suburban Region



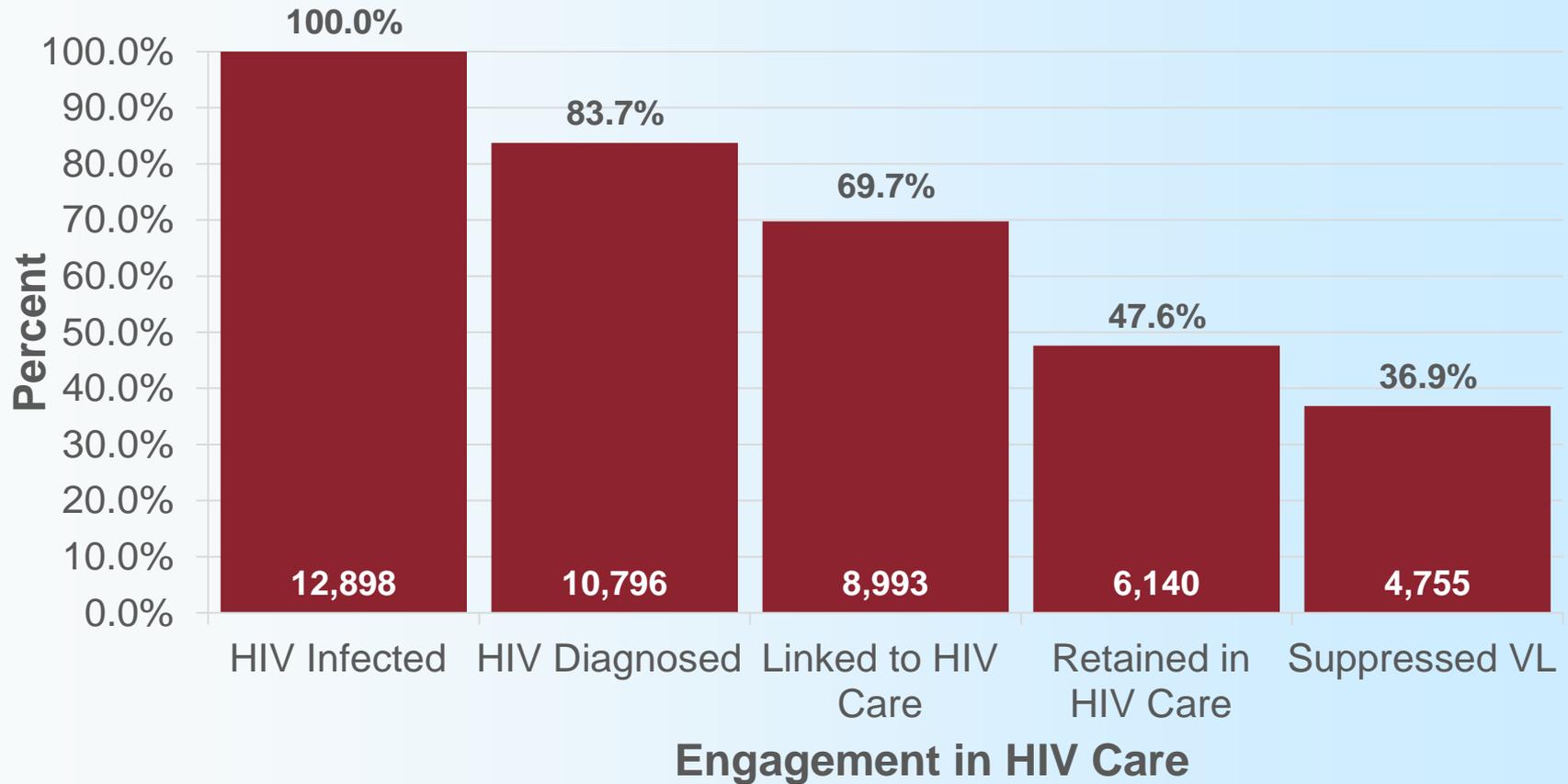
Adult/Adolescent Living HIV Cases by Sex at Birth and Exposure Category, Suburban Region



Data reported through 6/30/2016



Estimate of HIV Infected Adults Engaged in the Continuum of Care, Suburban Region



Data reported through 6/30/2016

Maryland Prevention and
Health Promotion Administration
December 1, 2016



Prevention and Health Promotion Administration

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