



HIV Epidemiology Area 1

(Excluding Department of Corrections)

Presented By:

Florida Department of Health

HIV/AIDS Section

Data as of 6/30/2018



Technical Notes

- 🧣 HIV diagnoses by year of diagnosis represent persons whose HIV was diagnosed in that year, regardless of AIDS status at time of diagnosis.
- 🧣 AIDS and HIV diagnoses by year of diagnosis are not mutually exclusive and cannot be added together.
- 🧣 HIV prevalence data represent persons who were living with an HIV diagnosis in the reporting area through the end of the calendar year (regardless of where they were diagnosed).
- 🧣 Resident deaths due to HIV represent persons who resided in Florida and whose underlying cause of death was HIV, regardless if their HIV status was reported in Florida or not.

Technical Notes, Continued

- ⚡ Adult diagnoses represent ages 13 and older; pediatric diagnoses are those under the age of 13.
 - ⚡ For data by year of diagnosis, the age is by age at diagnosis.
 - ⚡ For living data, the age is by current age at the end of the most recent calendar year, regardless of age at diagnosis






- ⚡ Unless otherwise noted, Whites are non-Hispanic, Blacks are non-Hispanic and Other (which may be omitted in some graphs due to small numbers) represents Asian, American Indian, or mixed races

- ⚡ For data by year, area and county data will exclude Department of Corrections diagnoses. For living data, Department of Corrections will **not** be excluded from area and county data.

Florida's Plan to Eliminate HIV Transmission and Reduce HIV-related Deaths

- 🧣 Implement routine HIV and Sexually Transmitted Infections (STIs) screening in health care settings and priority testing in non-health care settings
- 🧣 Provide rapid access to treatment and ensure retention in care (Test and Treat)
- 🧣 Improve and promote access to antiretroviral pre-exposure prophylaxis (PrEP) and non-occupational post-exposure prophylaxis (nPEP)
- 🧣 Increase HIV awareness and community response through outreach, engagement, and messaging

Definitions of Mode of Exposure Categories

-  **MSM:** Men who have sex with men or male-to-male sexual contact. The term MSM indicates a behavior that allows for HIV transmission, it does not indicate how individuals self-identify in terms of sexuality or gender
-  **IDU:** Injection drug use
-  **MSM/IDU:** Men who have sex with men or male-to-male sexual contact & injection drug use
-  **Heterosexual:** Heterosexual contact with person with HIV or known HIV risk
-  **Other Risk:** includes hemophilia, transfusion, perinatal and other pediatric risks and other confirmed risks

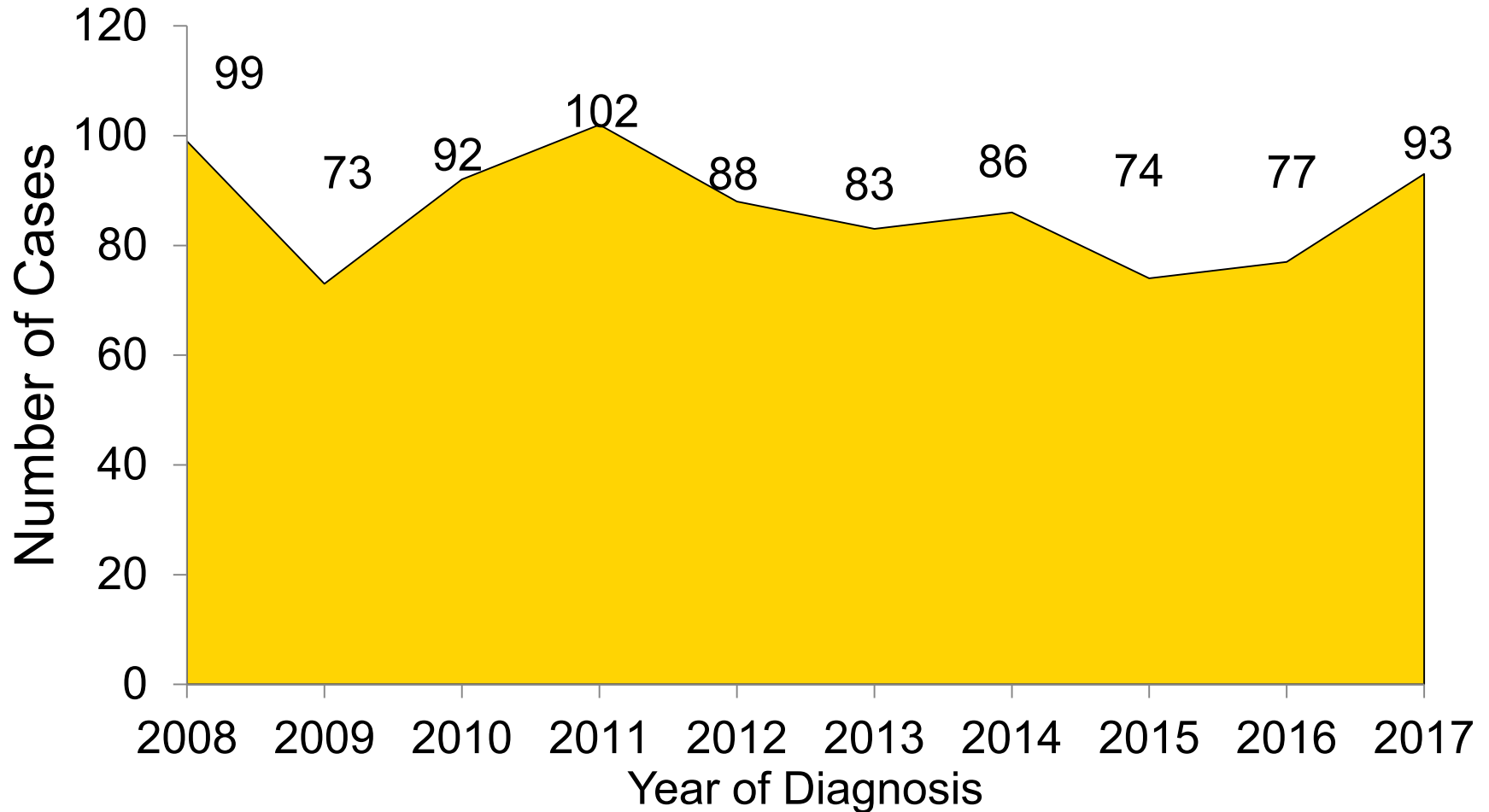
The Epidemic in Area 1

| | 2016 | 2017 | Trend |
|--|-------------|-------------|----------------|
| Population | 735,477 | 745,197 | 1.3% increase |
| Diagnosed HIV cases | 77 | 93 | 20.8% increase |
| Diagnosed AIDS cases | 45 | 47 | 4.4% increase |
| Pediatric AIDS cases diagnosed | 0 | 0 | |
| Perinatal HIV cases | 1 | 1 | |
| People diagnosed living with HIV (Prevalence) | 2,210 | 2,215 | 0.2% increase |
| HIV-related deaths | 25 | 15 | 40.0% decrease |

HIV by Year of Diagnosis

HIV Cases by Year of Diagnosis, Area 1, 2008–2017

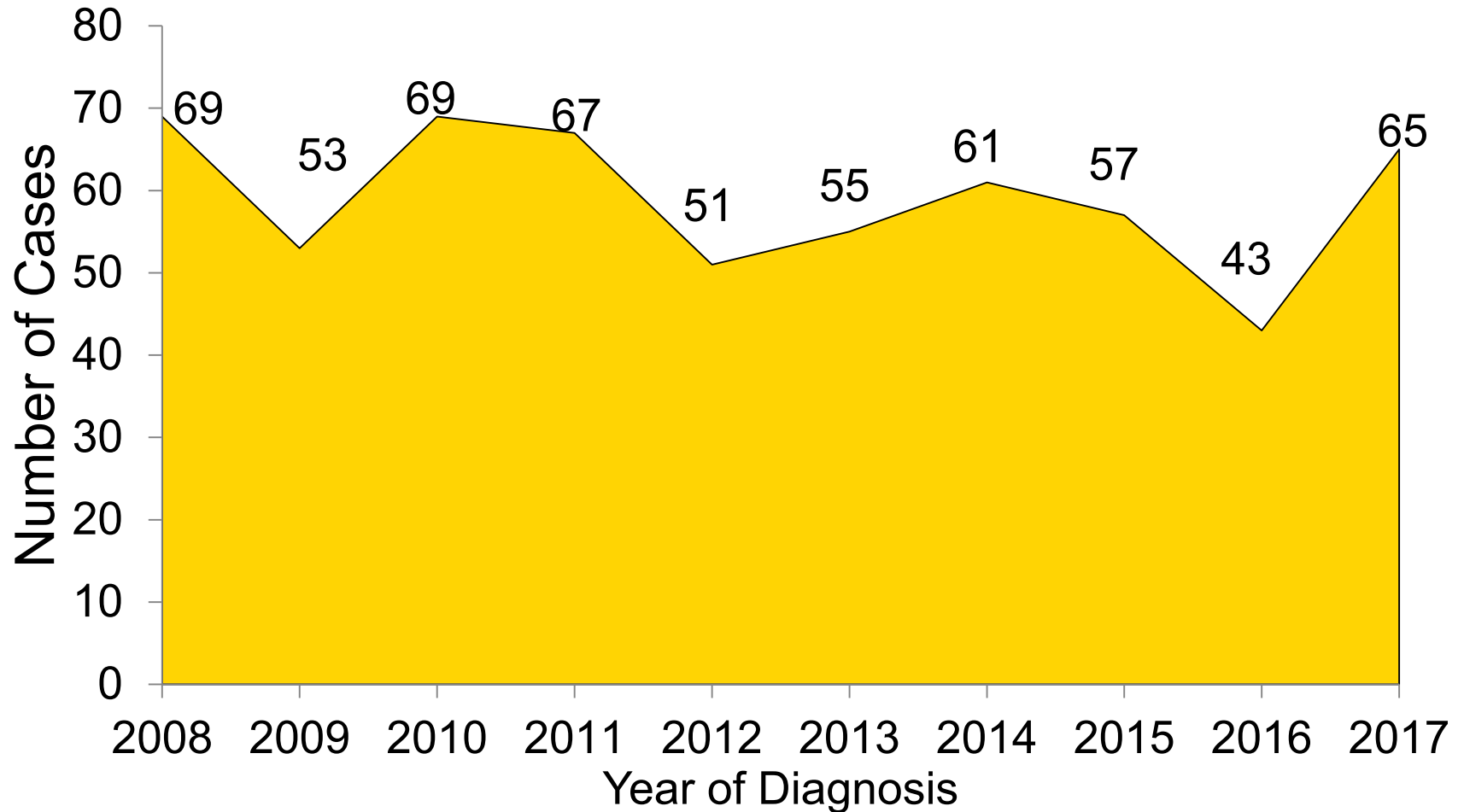
10 year % change (2008–2017) = 6% decrease





HIV Cases by Year of Diagnosis, Escambia County, 2008–2017

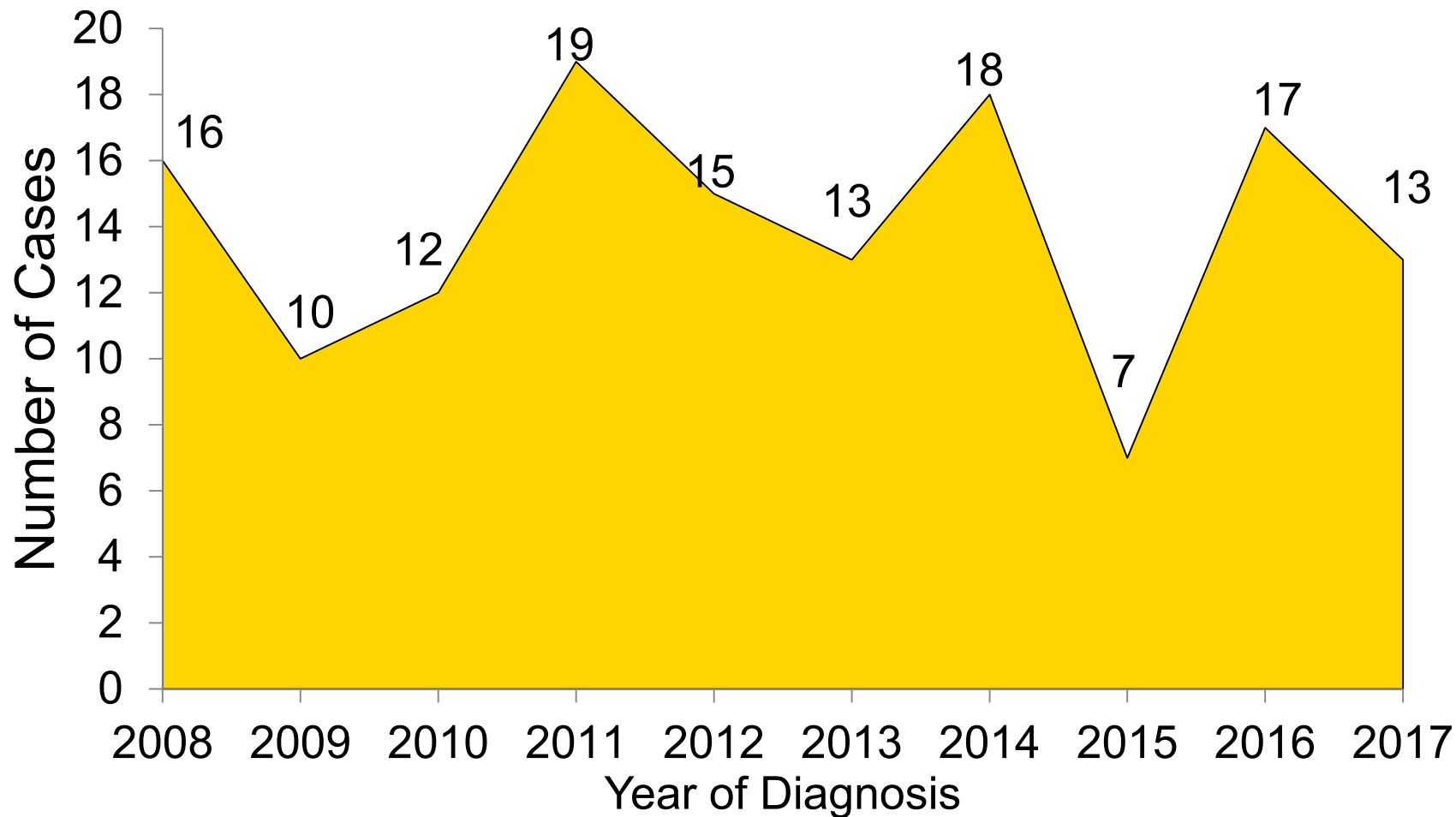
10 year % change (2008–2017) = 6% decrease





HIV Cases by Year of Diagnosis, Okaloosa County, 2008–2017

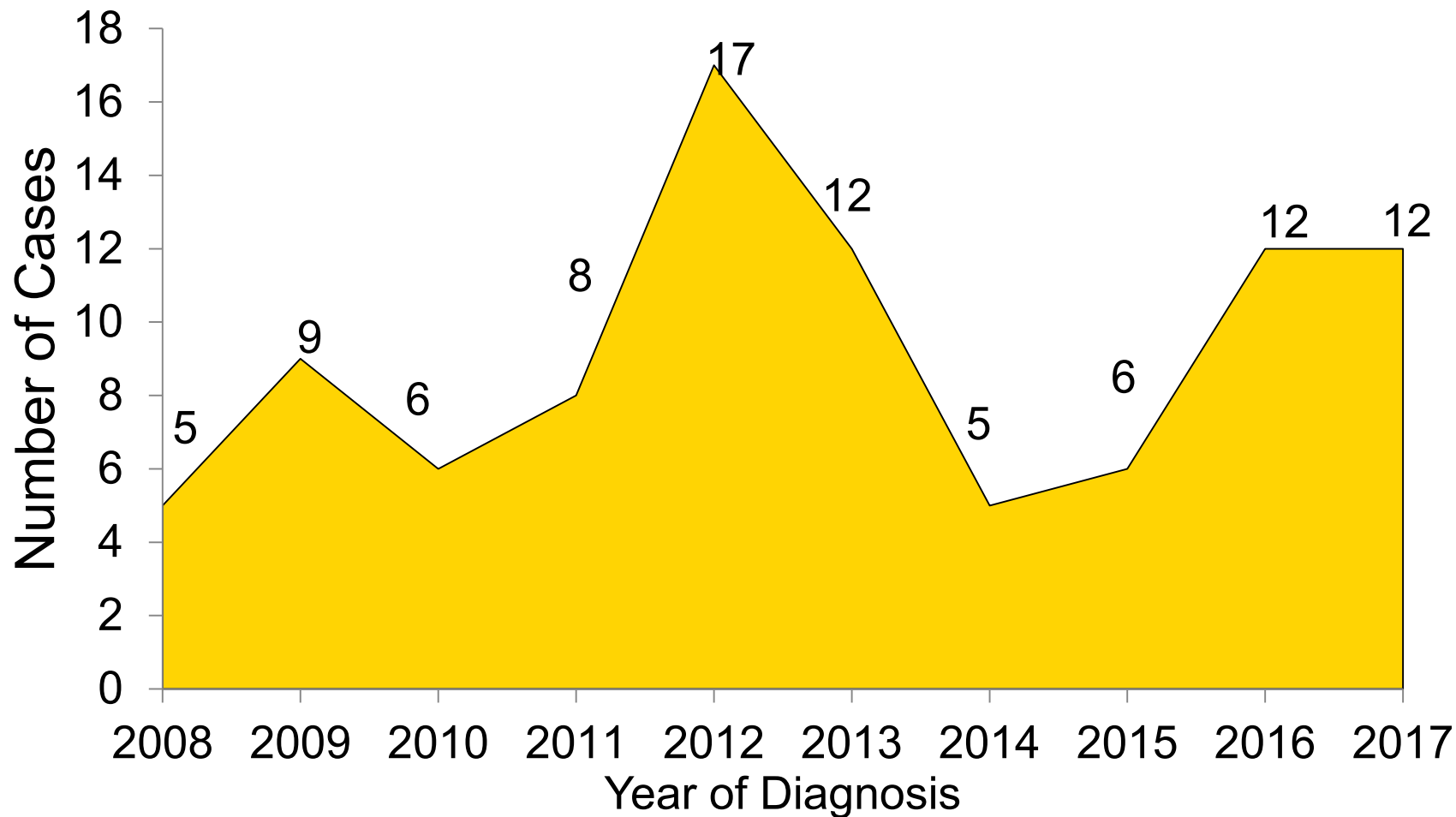
10 year % change (2008–2017) = 19% decrease





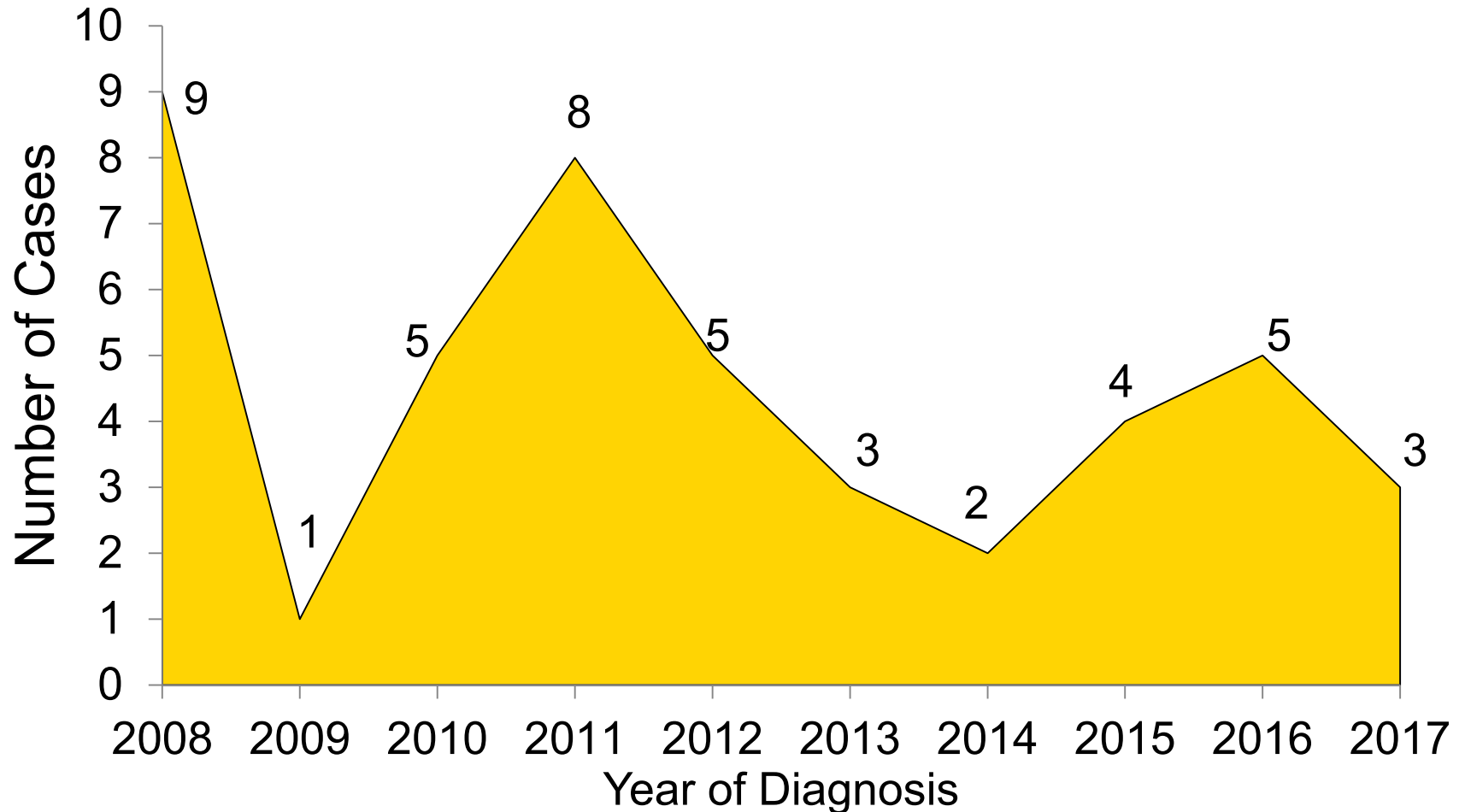
HIV Cases by Year of Diagnosis, Santa Rosa County, 2008–2017

10 year % change (2008–2017) = 19% decrease



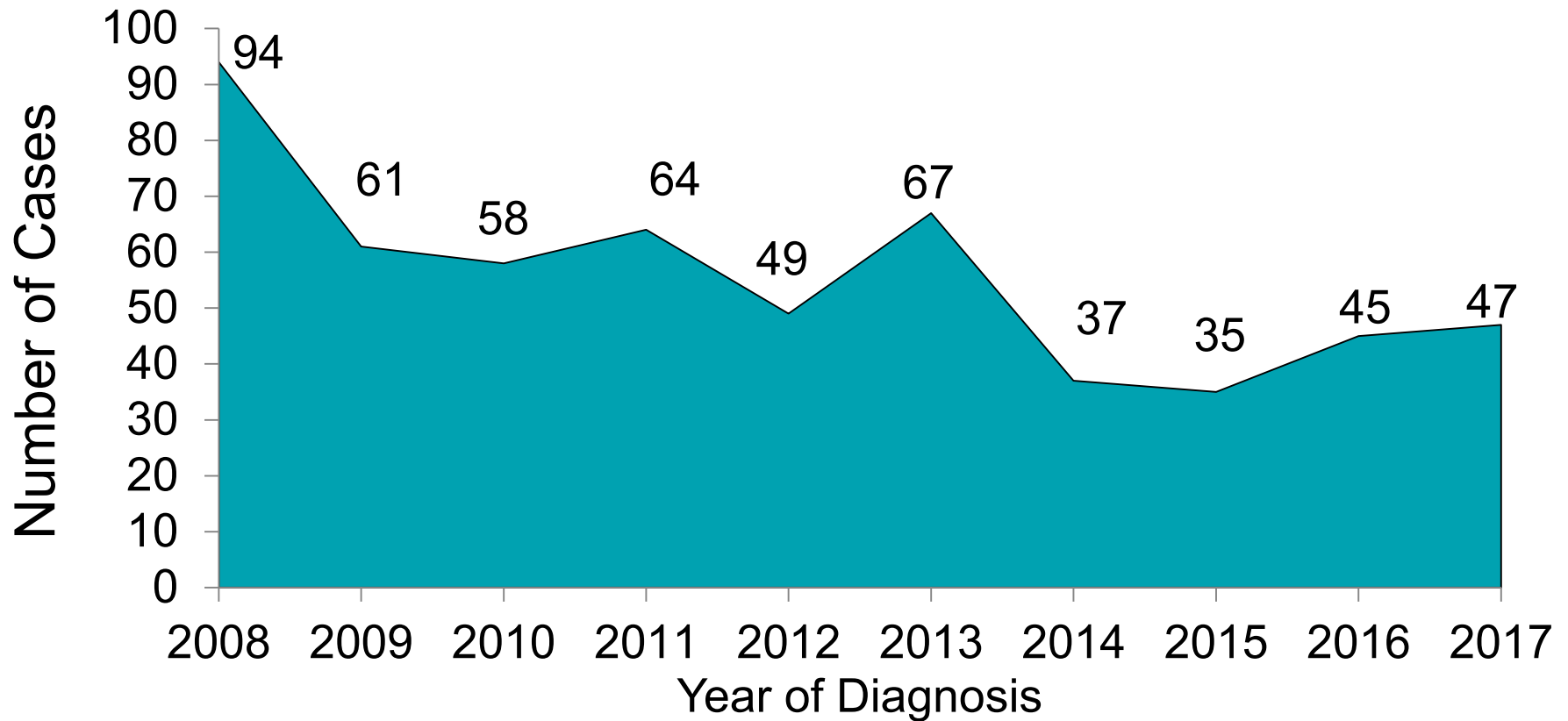
HIV Cases by Year of Diagnosis, Walton County, 2008–2017

10 year % change (2008–2017) = 66% decrease

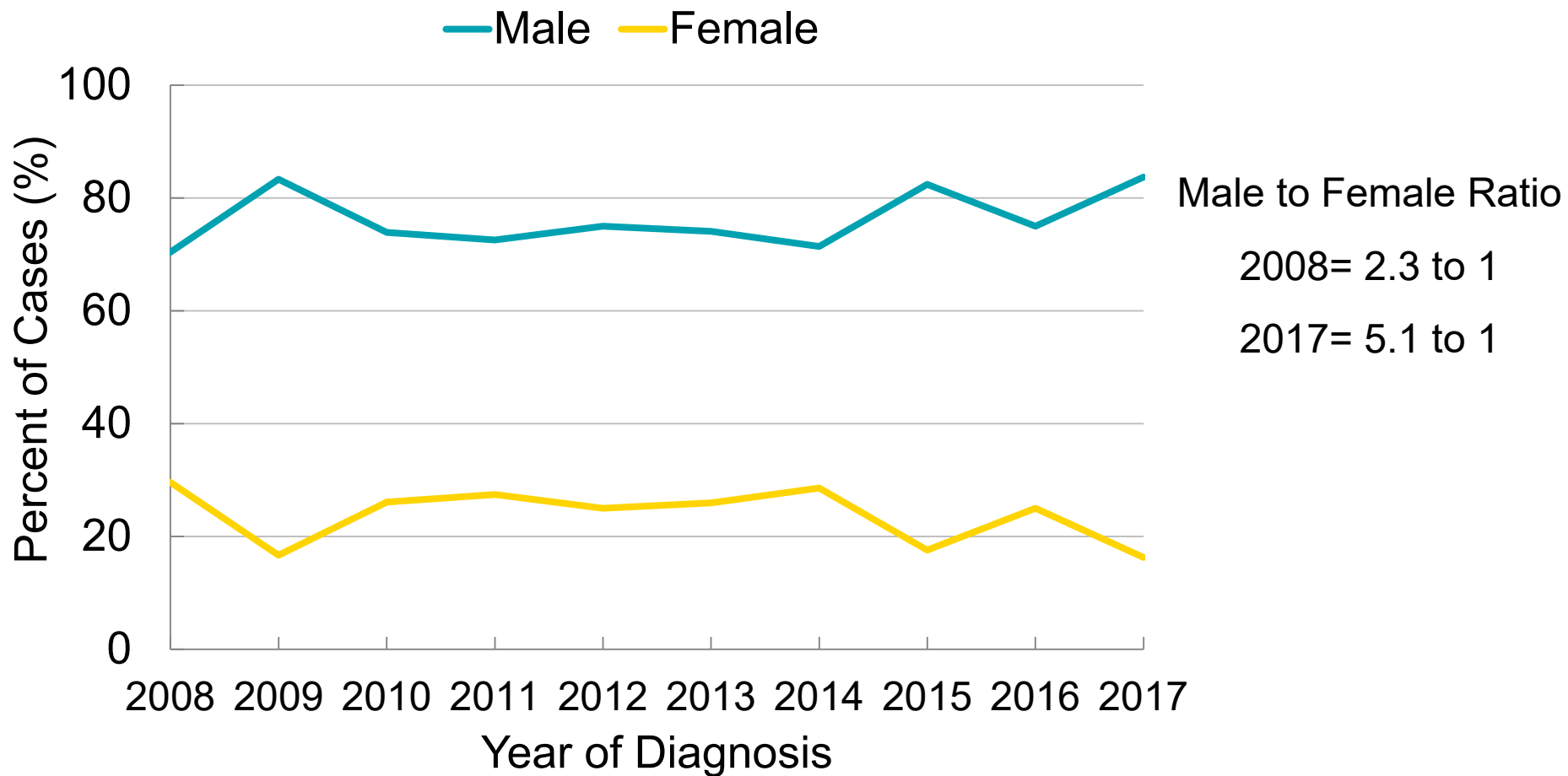


AIDS Cases by Year of Diagnosis, Area 1, 2008–2017

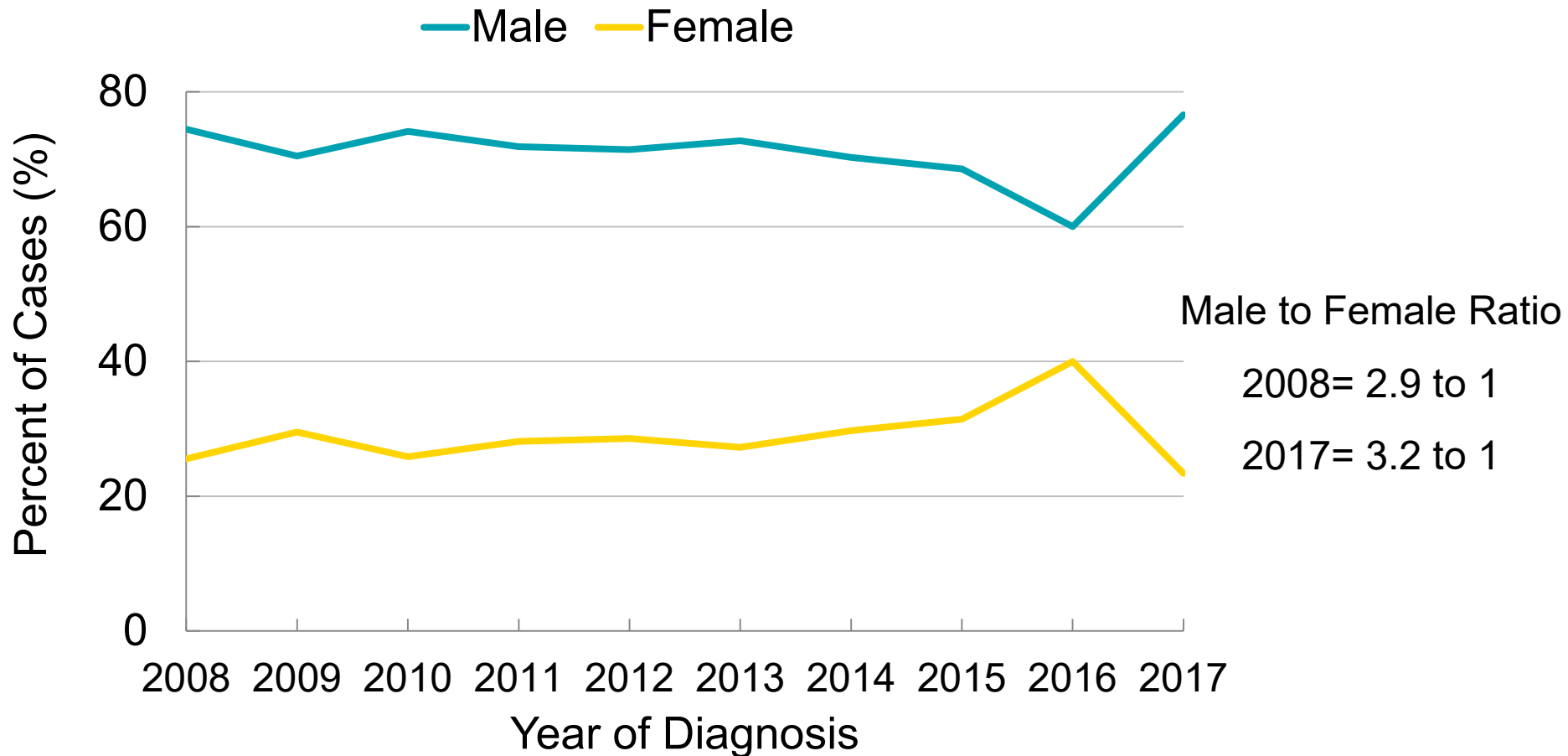
10 year % change (2008–2017) = 50% decrease



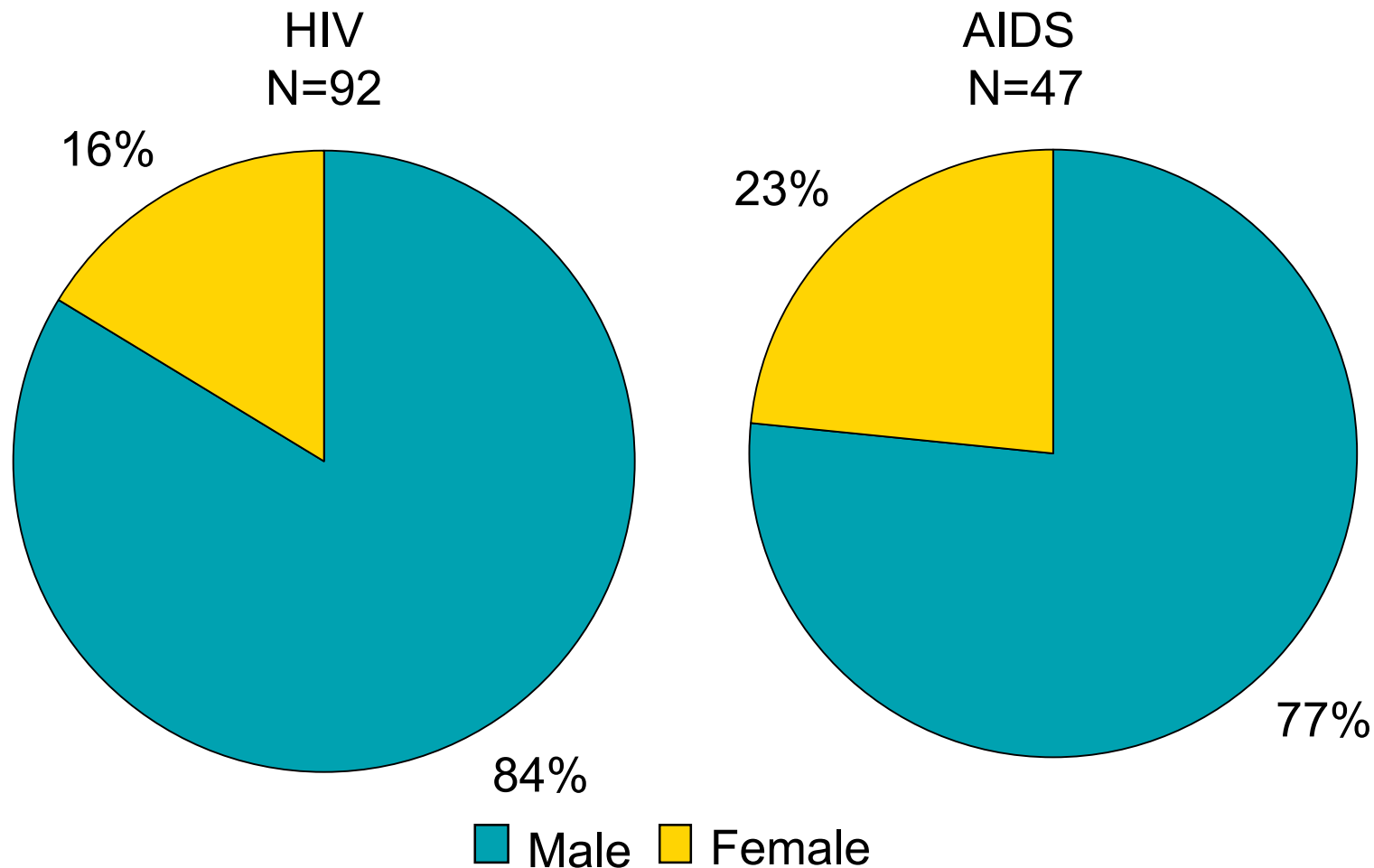
Adult (Age 13+) HIV Cases, by Sex and Year of Diagnosis, Area 1, 2008–2017



Adult (Age 13+) AIDS Cases, by Sex and Year of Diagnosis, Area 1, 2008–2017

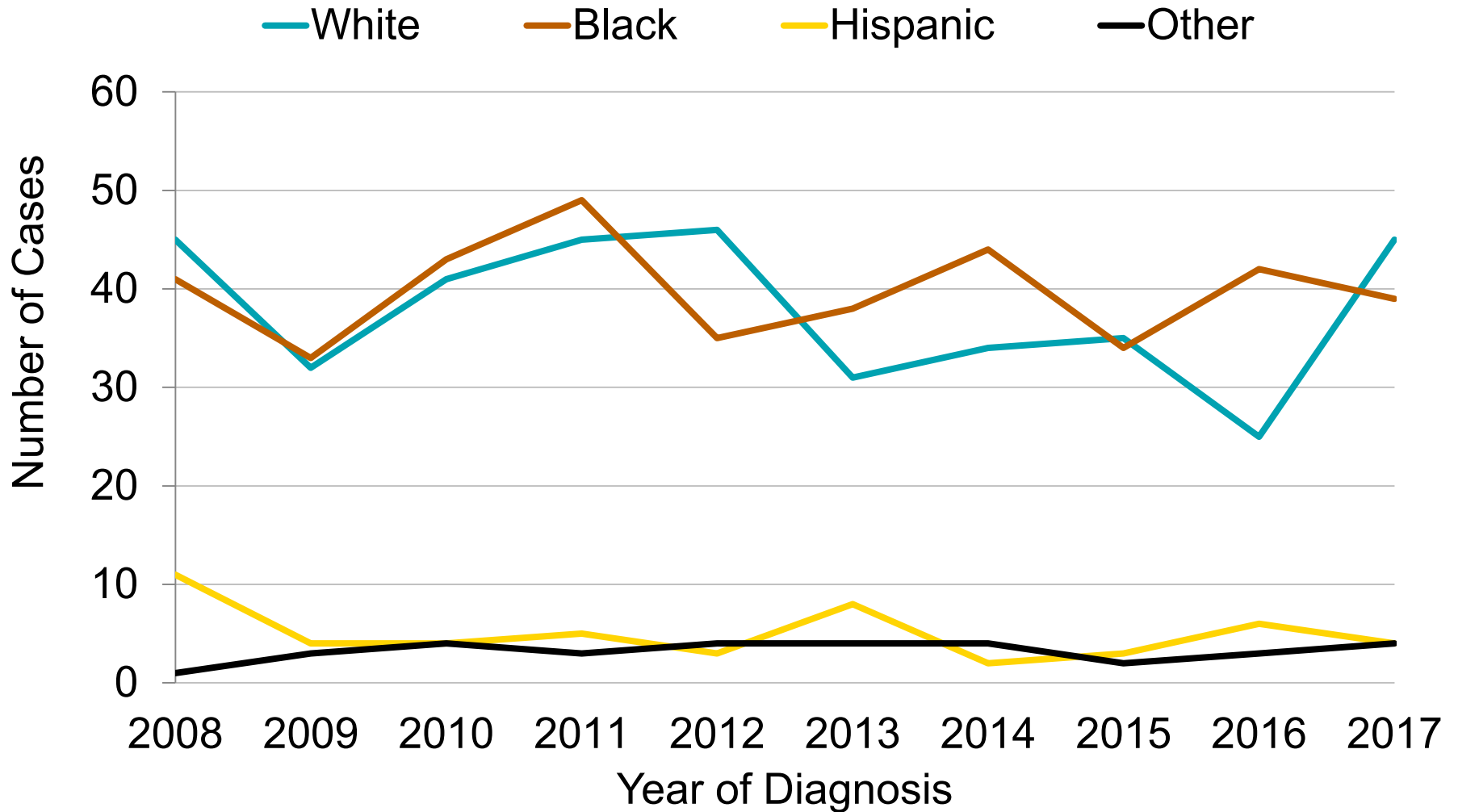


Adult (Age 13+) HIV and AIDS Cases by Sex, Area 1, Diagnosed in 2017





Adult (Age 13+) HIV Cases by Race/Ethnicity and Year of Diagnosis, Area 1, 2008–2017

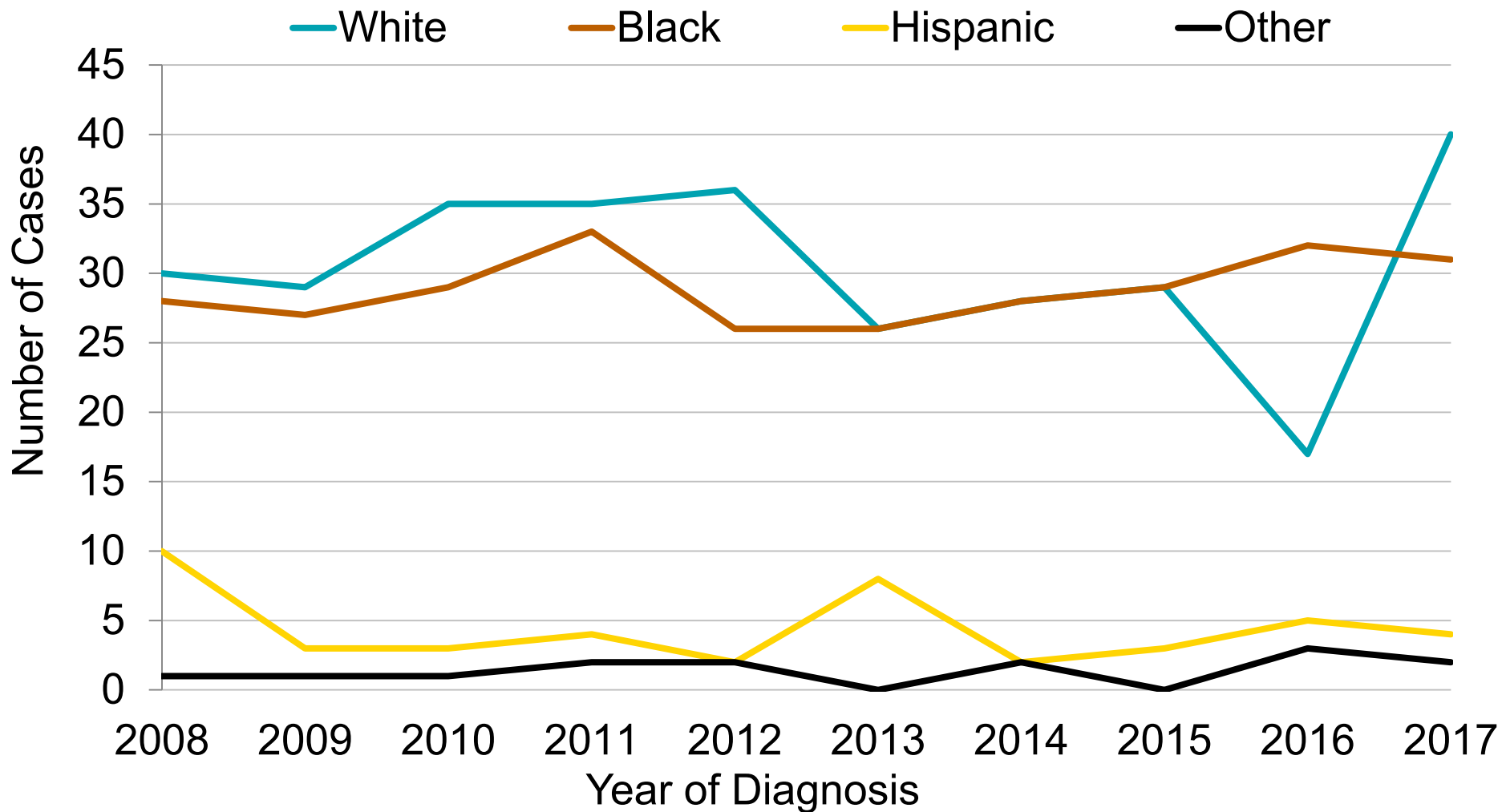


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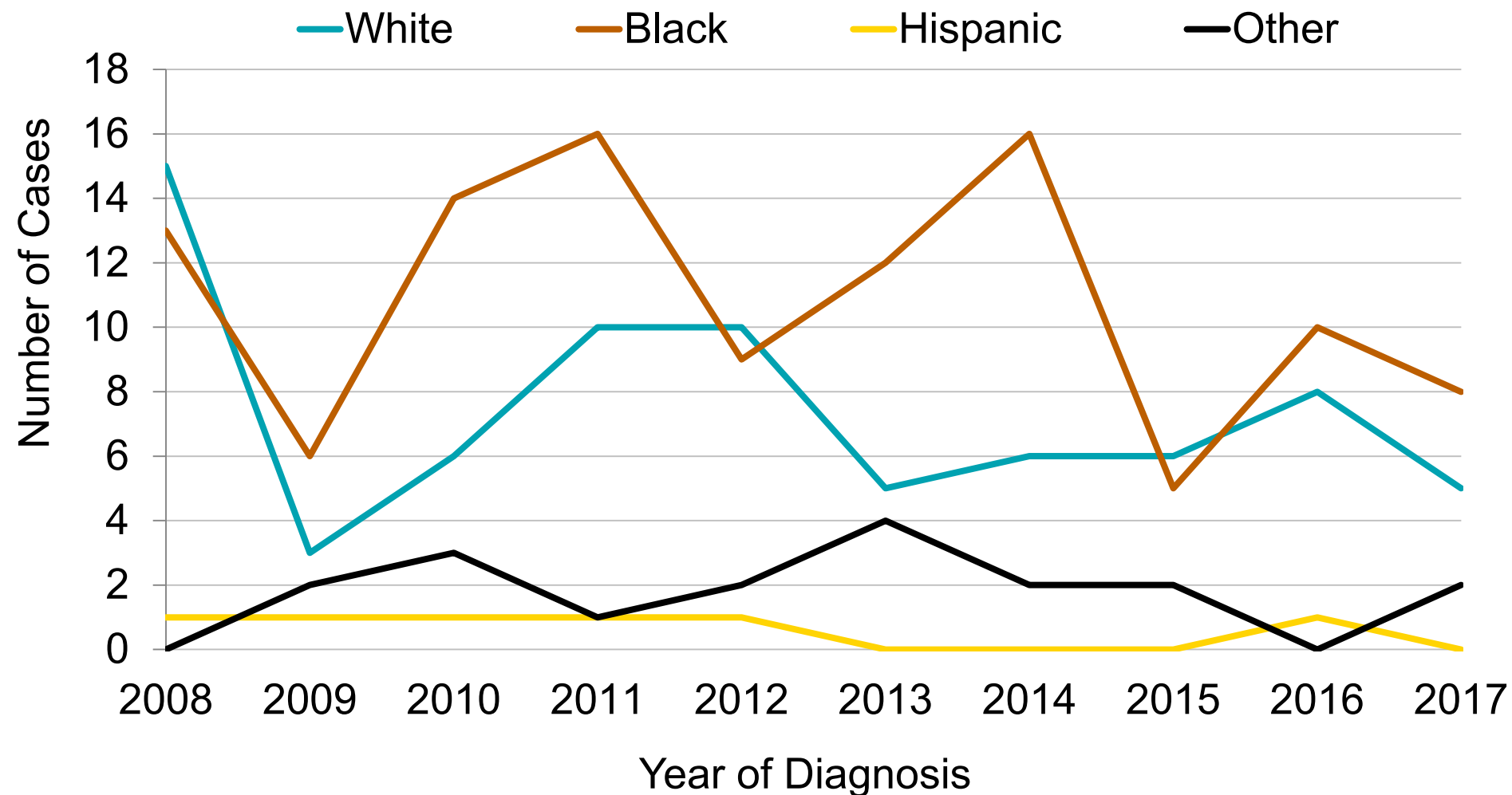
¹Other includes American Indian/Alaska Native, Asian/Pacific Islander, and multi-racial.



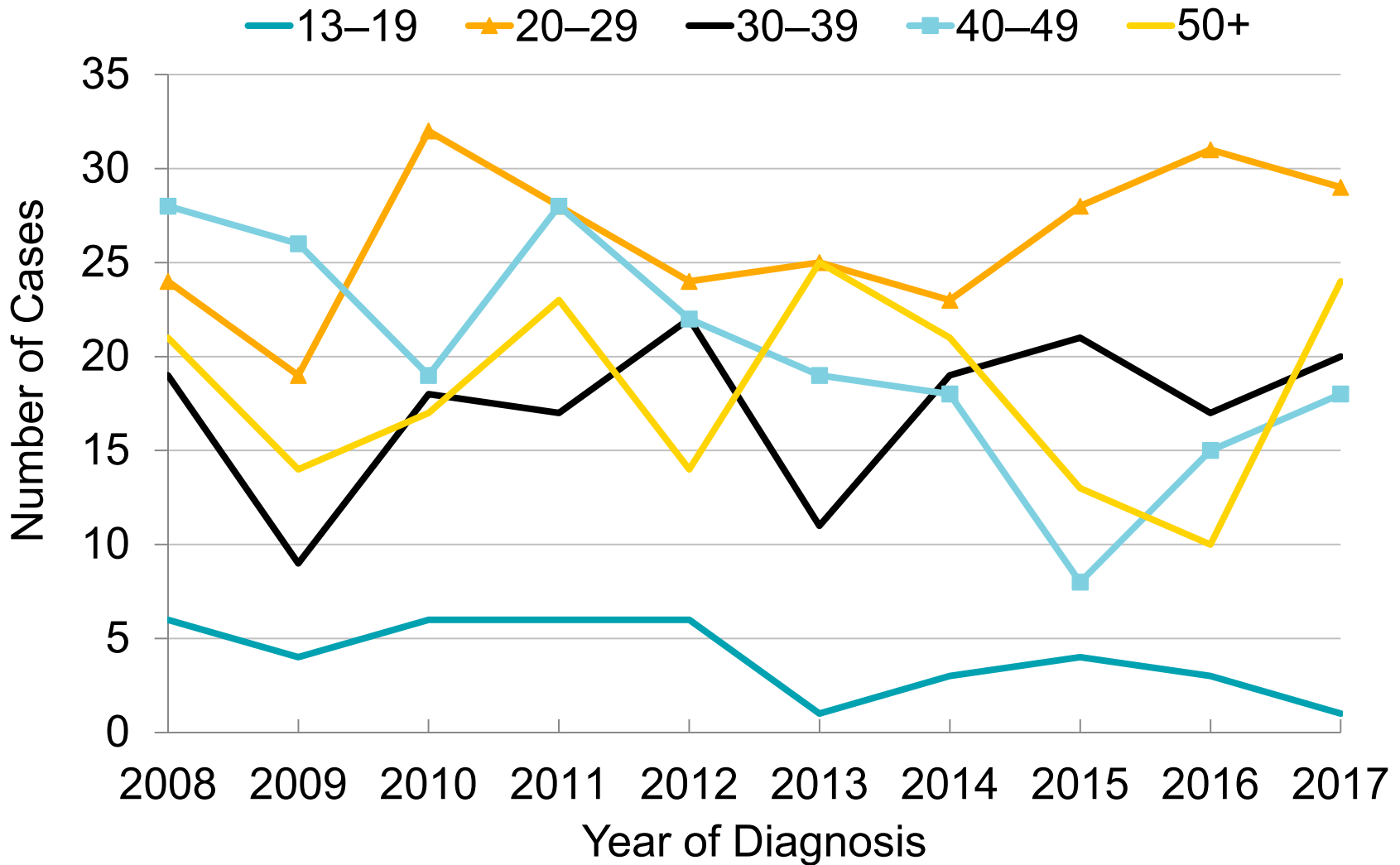
Adult (Age 13+) Male HIV Cases by Race/Ethnicity and Year of Diagnosis, Area 1, 2008–2017



Adult (Age 13+) Female HIV Cases by Race/Ethnicity and Year of Diagnosis, Area 1, 2008–2017

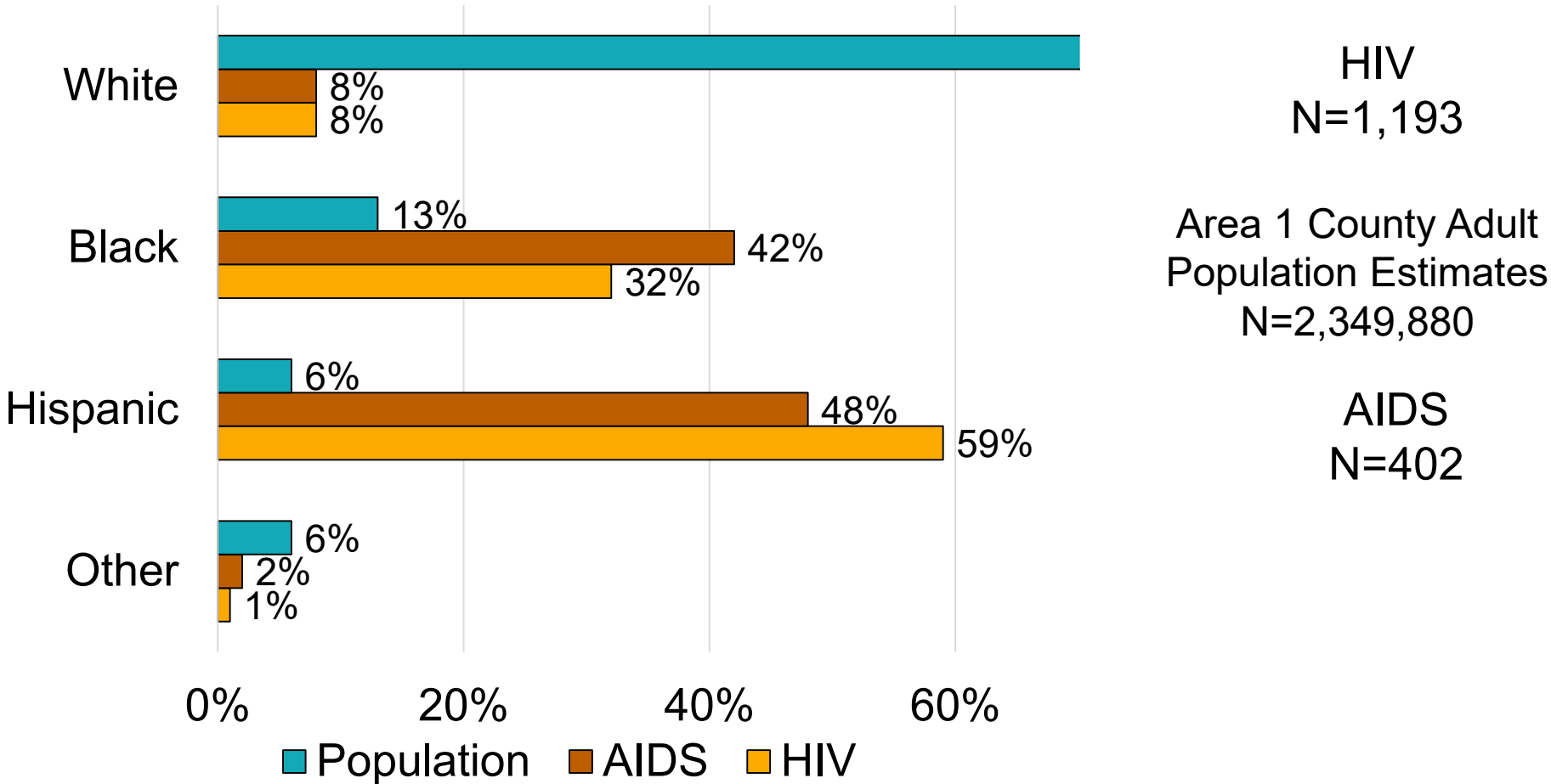


Adult (Age 13+) HIV Cases, by Age Group at Diagnosis, and Year of Diagnosis, Area 1, 2008–2017





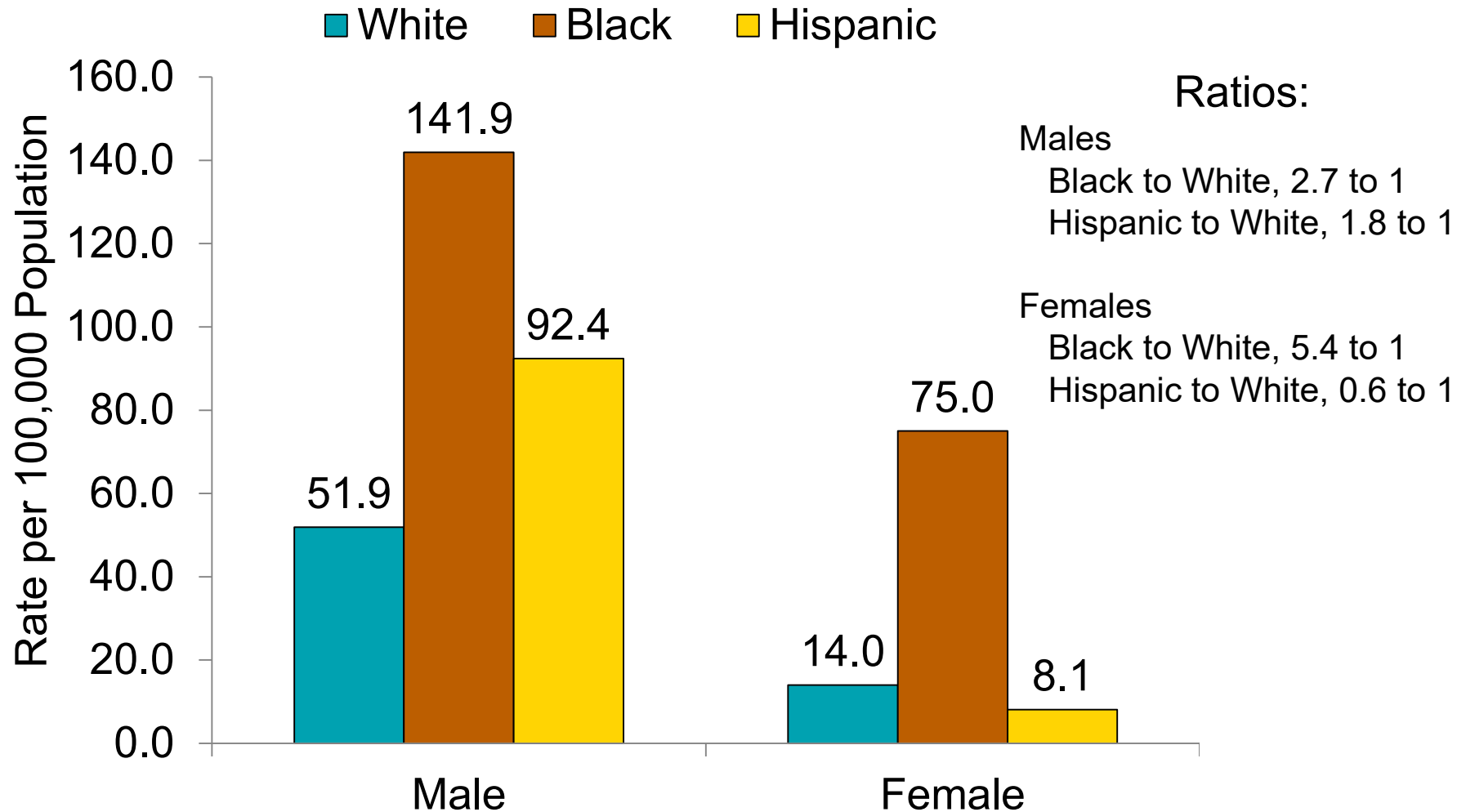
Percentage of Adult (Age 13+) HIV Cases and AIDS Cases Diagnosed in 2017 and Population, by Race/Ethnicity, Area 1



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Other includes American Indian/Alaska Native, Asian/Pacific Islander, and multi-racial.

Adult (Age 13+) HIV Case Rates¹ by Sex and Race/Ethnicity, Area 1, Diagnosed in 2017

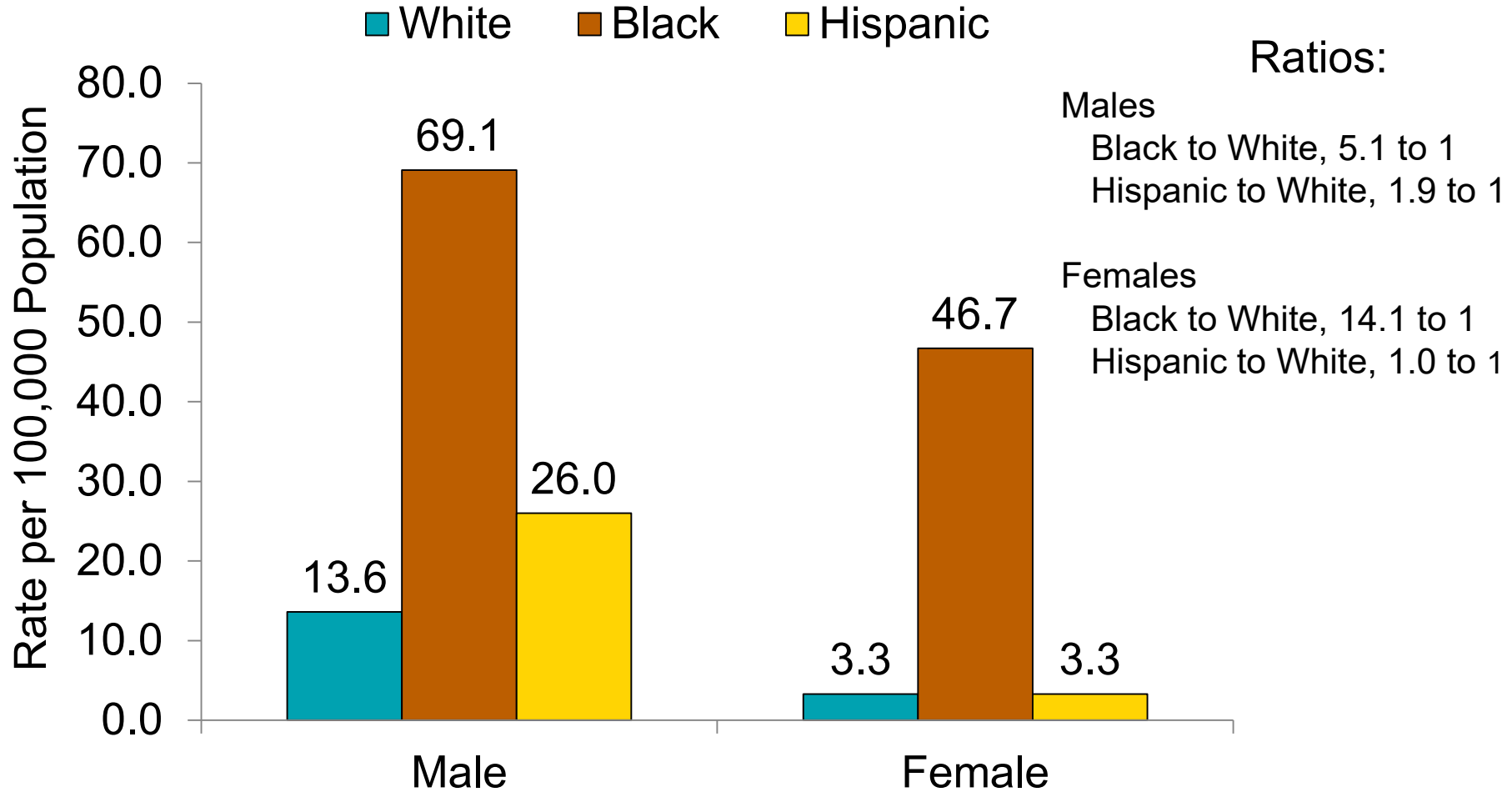


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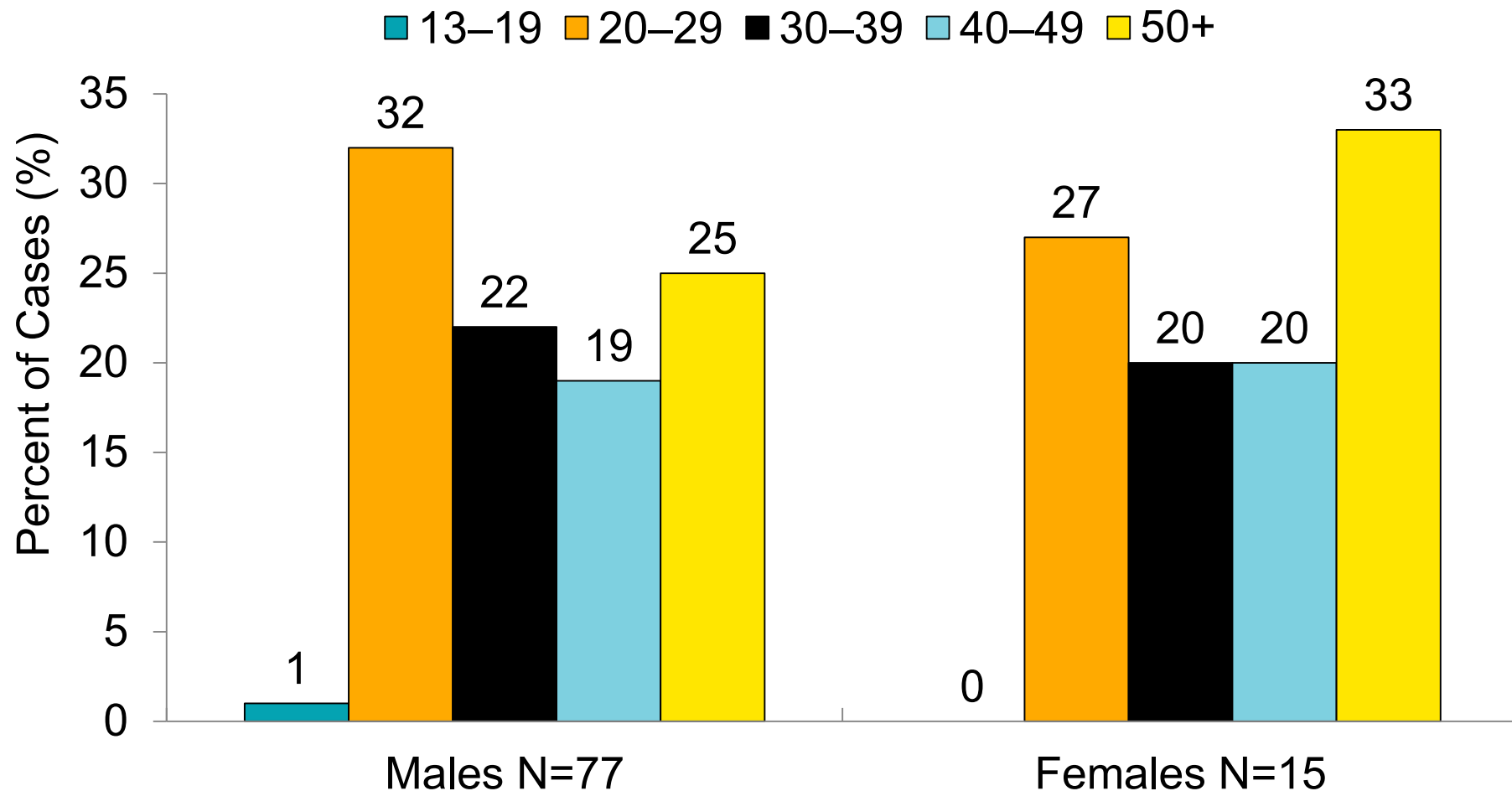
¹Source: Population estimates are provided by Florida CHARTS as of 6/20/2017.



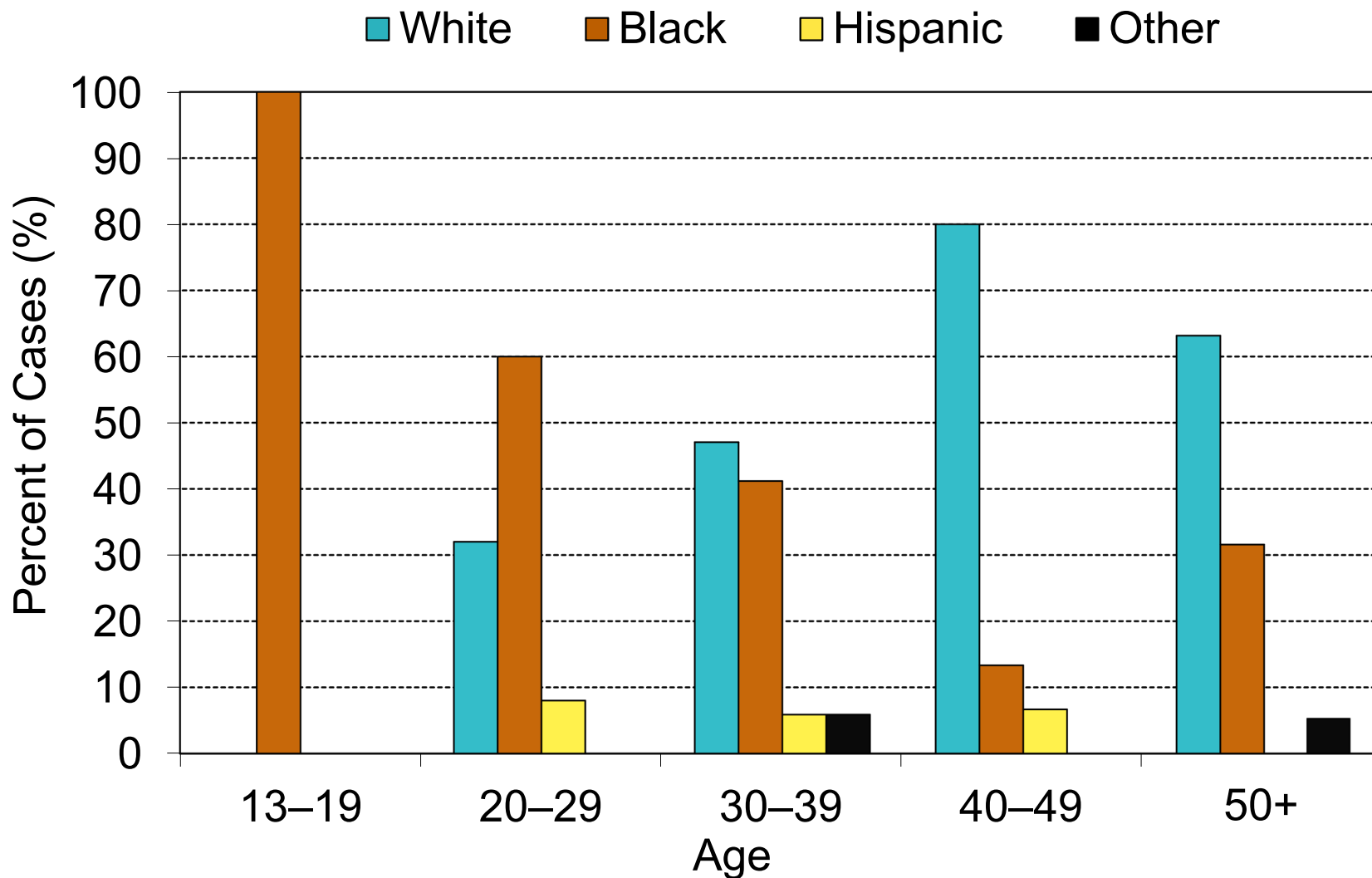
Adult (Age 13+) AIDS Case Rates¹ by Sex and Race/Ethnicity, Area 1, Diagnosed in 2017



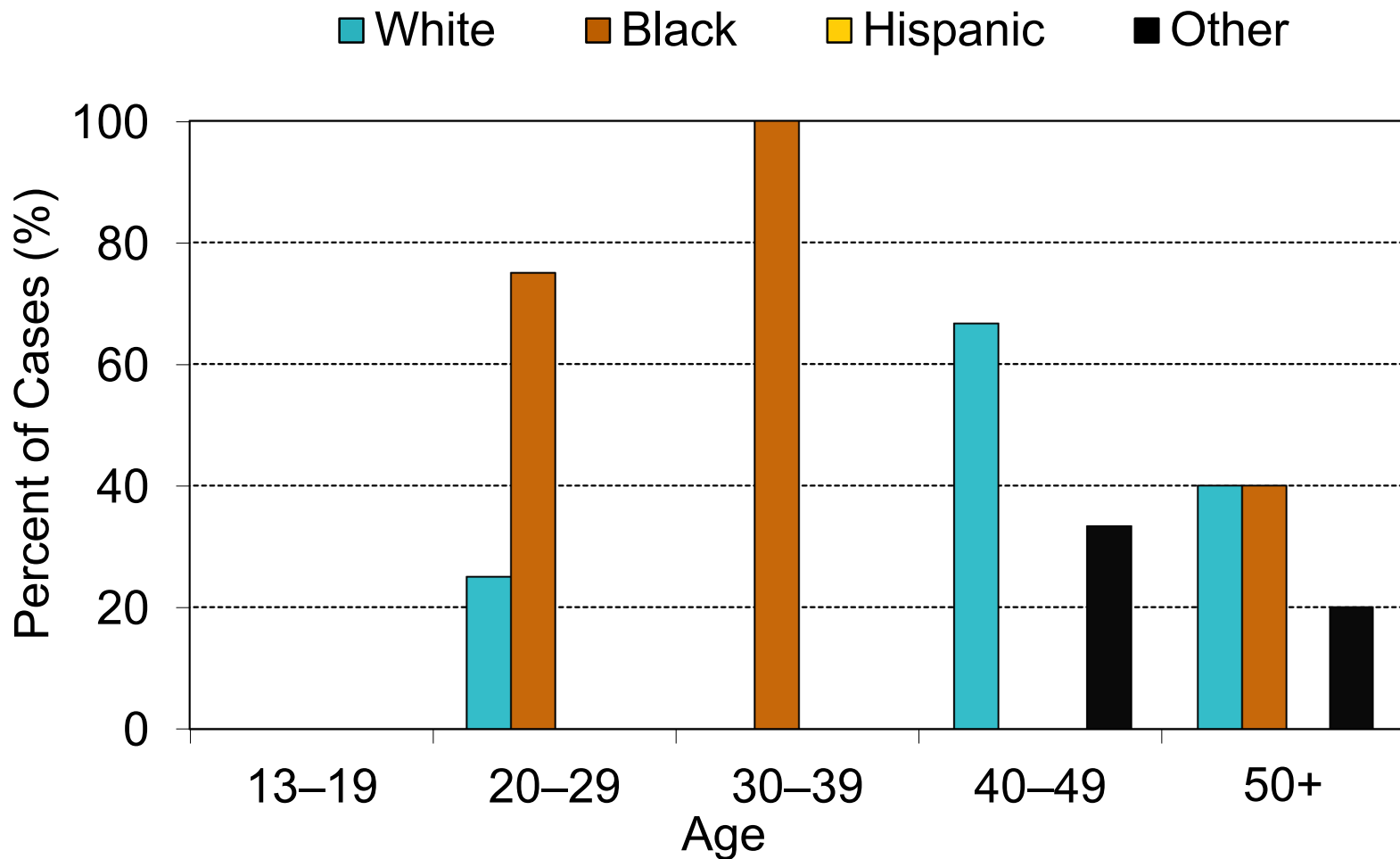
Adult (Age 13+) HIV Cases, by Sex and Age Group at Diagnosis, Area 1 , Diagnosed in 2017



Adult (Age 13+) Male HIV Cases by Race/Ethnicity and Age at Diagnosis, Area 1, Diagnosed in 2017

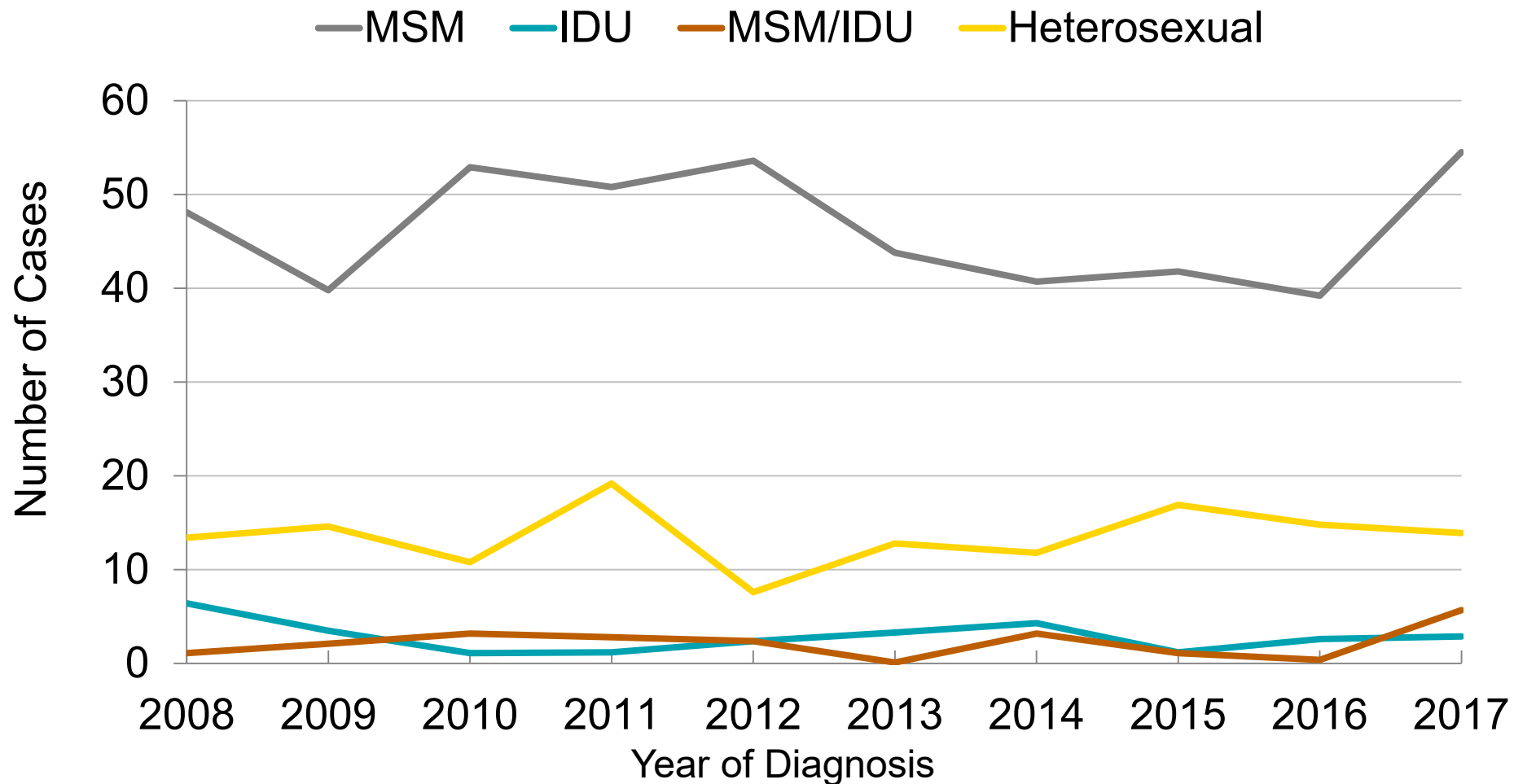


Adult (Age 13+) Female HIV Cases by Race/Ethnicity and Age at Diagnosis, Area 1, Diagnosed in 2017



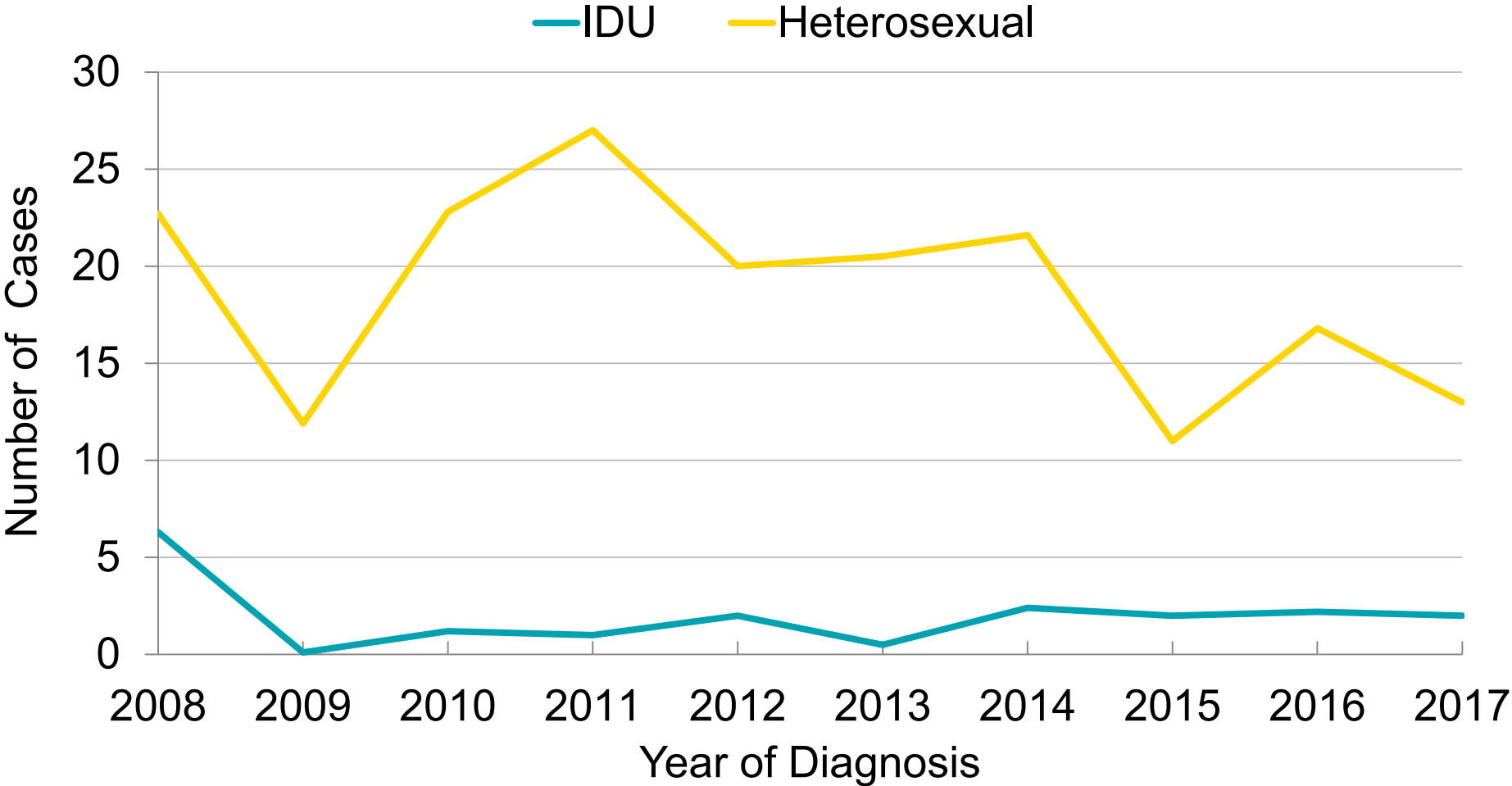


Adult (Age 13+) Male HIV Cases, by Mode of Exposure and Year of Diagnosis, Area 1, 2008–2017





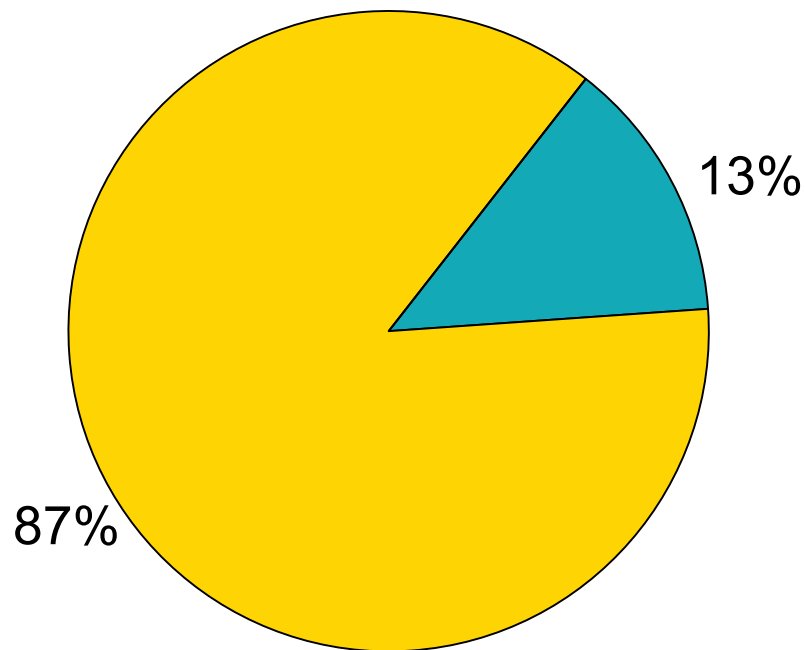
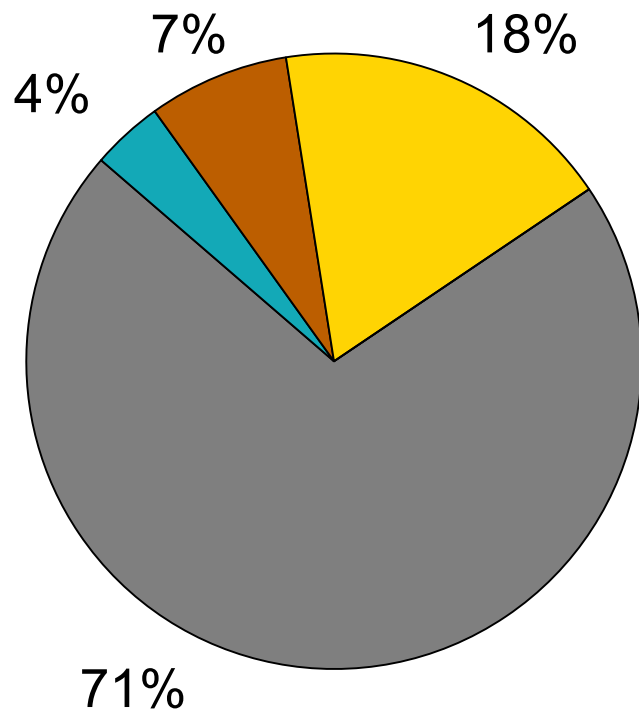
Adult (Age 13+) Female HIV Cases by Exposure Category and Year of Diagnosis, Area 1, 2008–2017



Adult (Age 13+) HIV Cases for Males and Females, by Mode of Exposure, Area 1, 2017

Male
N=77

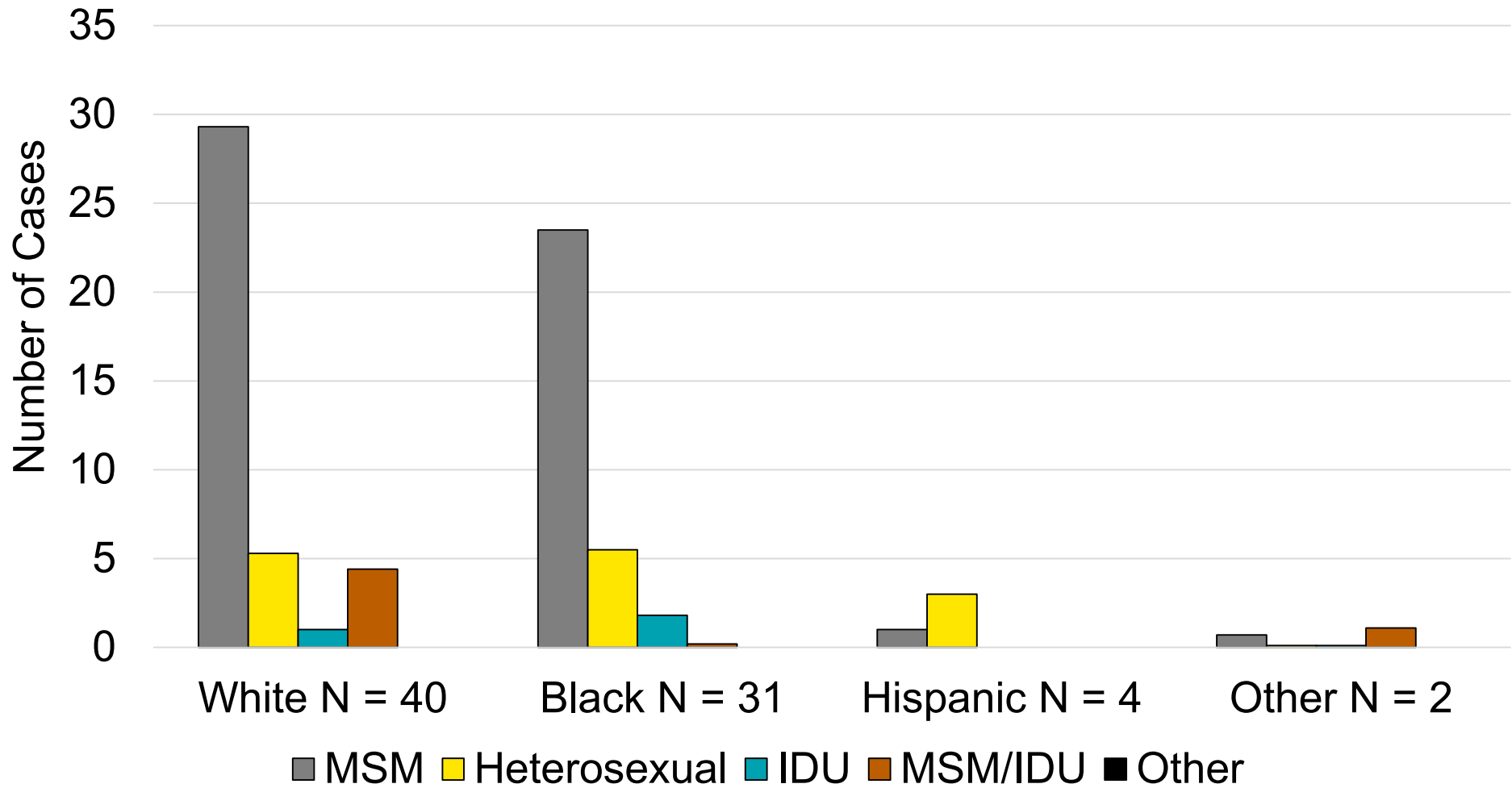
Female
N=15



■ MSM ■ IDU ■ MSM/IDU ■ Heterosexual ■ Other



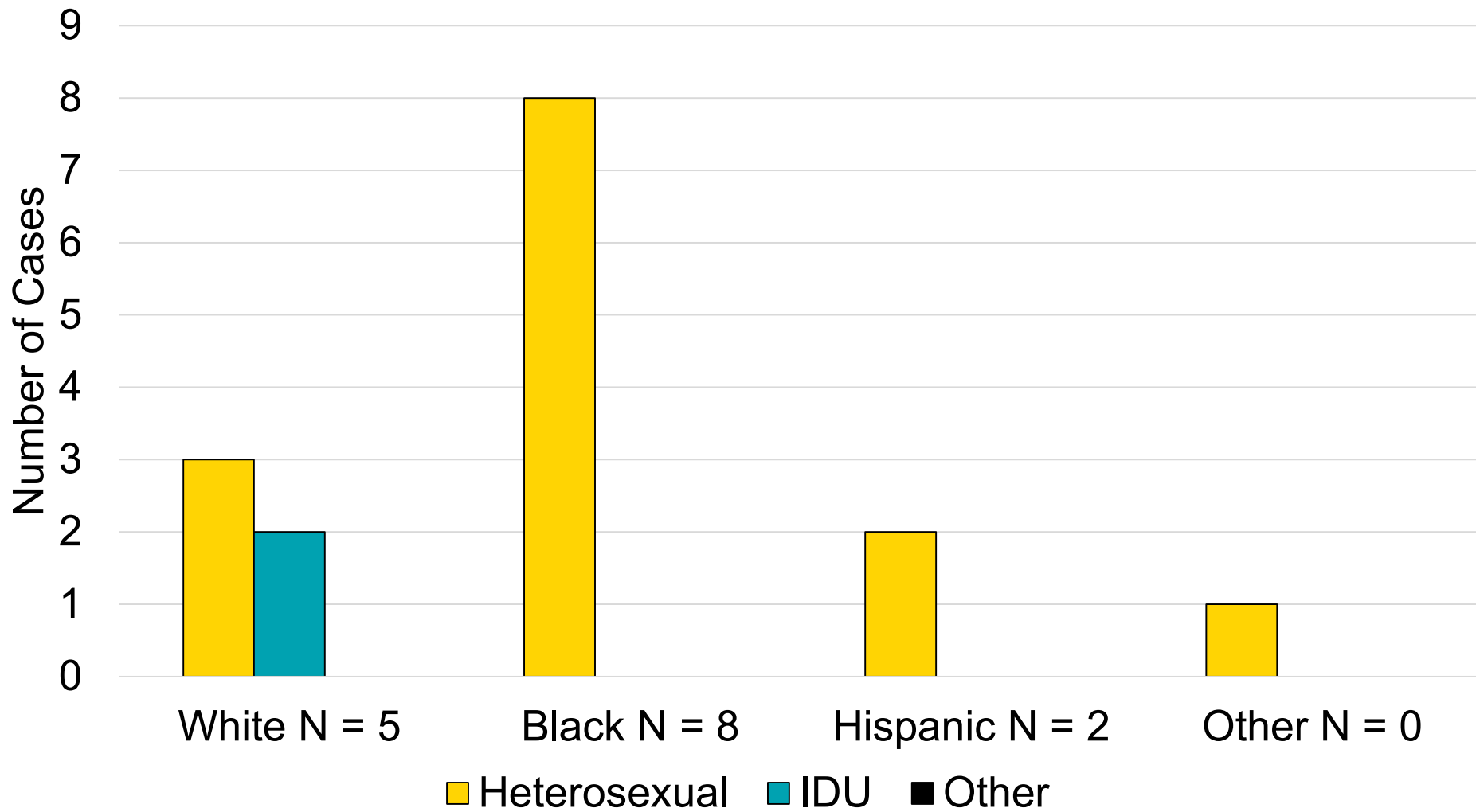
Adult (Age 13+) Male HIV Cases by Race/Ethnicity and Mode of Exposure, Area 1, Diagnosed in 2017



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Other includes Asian/Pacific Islander, Native Alaskan/American Indian and Multi-racial individuals.
Other Risk includes hemophilia, transfusion, perinatal and other pediatric risks as well as other confirmed risks.

Adult (Age 13+) Female HIV Cases by Race/Ethnicity and Mode of Exposure, Area 1, Diagnosed in 2017

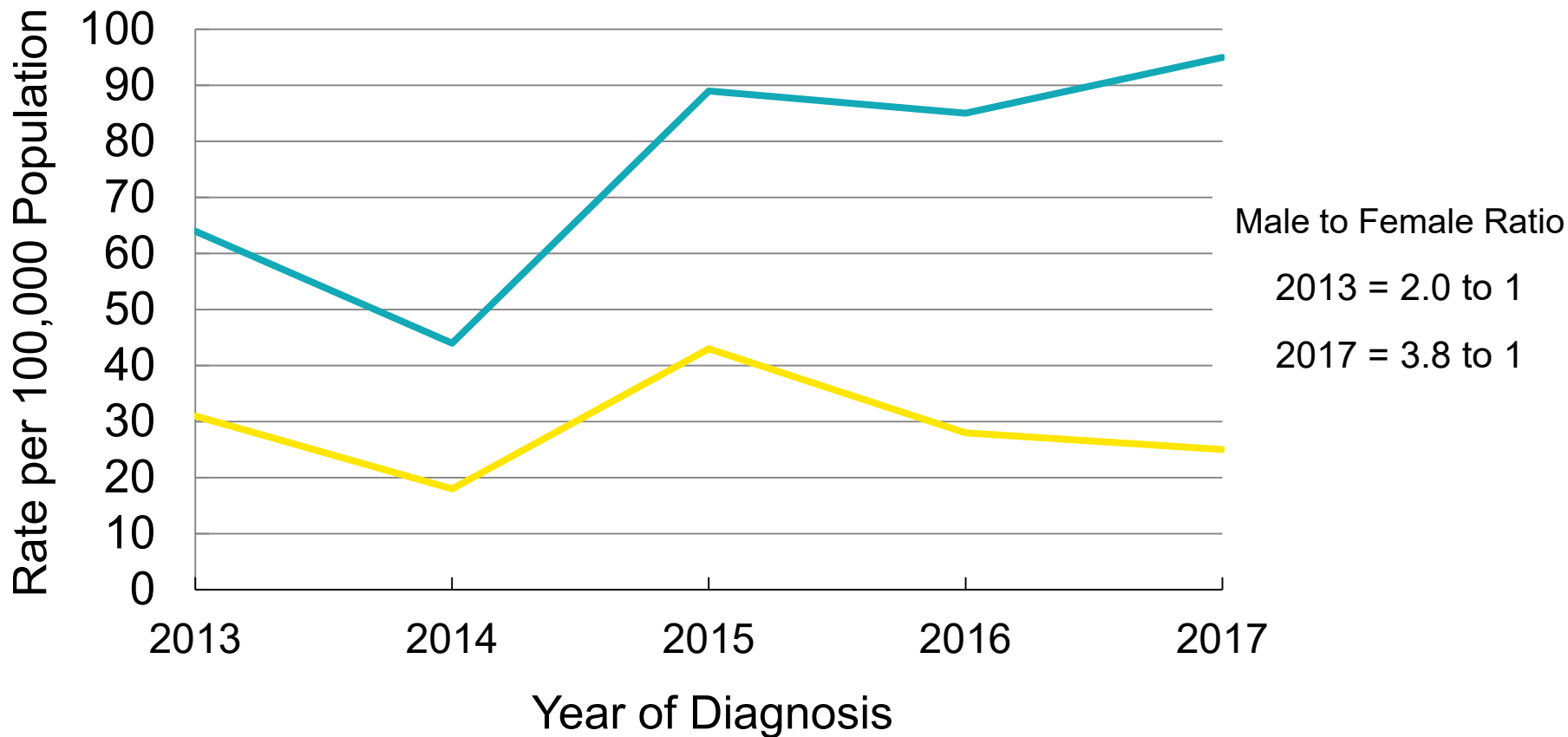


Co-Morbidity Data



Adult (Age 13+) Infectious Syphilis Case Rates¹ by Sex and Year of Diagnosis, Area 1, 2013–2017

— Male — Female

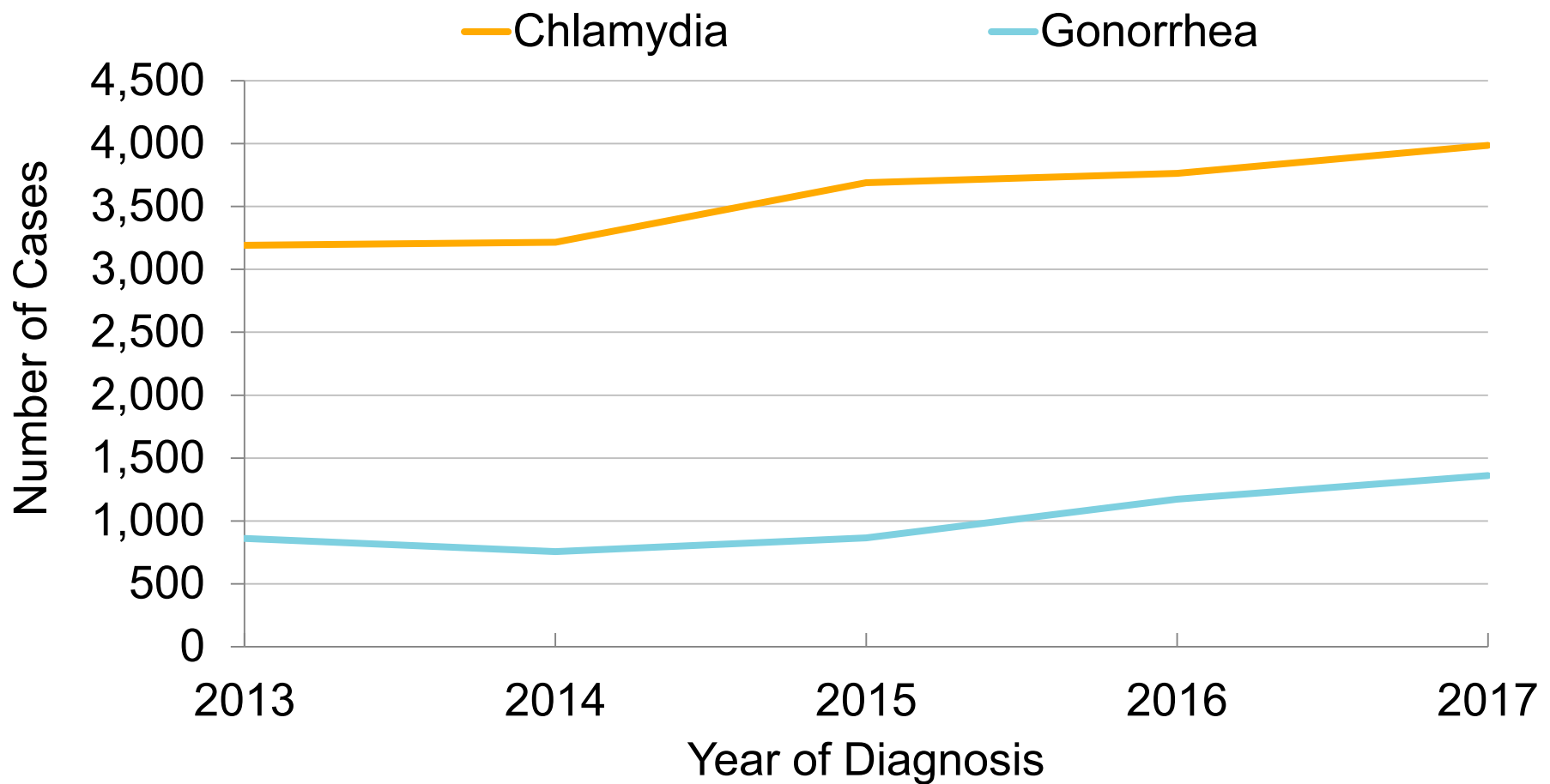


Adult (Age 13+) HIV Diagnoses with STD by Type and Year of STD Report, 2013–2017, Area 1

| Years of STD Report | HIV/Syphilis | HIV/Chlamydia | HIV/Gonorrhea |
|---------------------|--------------|---------------|---------------|
| 2013 | 177 | 334 | 261 |
| 2014 | 198 | 377 | 309 |
| 2015 | 210 | 426 | 374 |
| 2016 | 238 | 487 | 461 |
| 2017 | 168 | 595 | 590 |



Adult (Age 13+) Chlamydia and Gonorrhea¹ Cases, Area 1, Diagnosed 2013–2017



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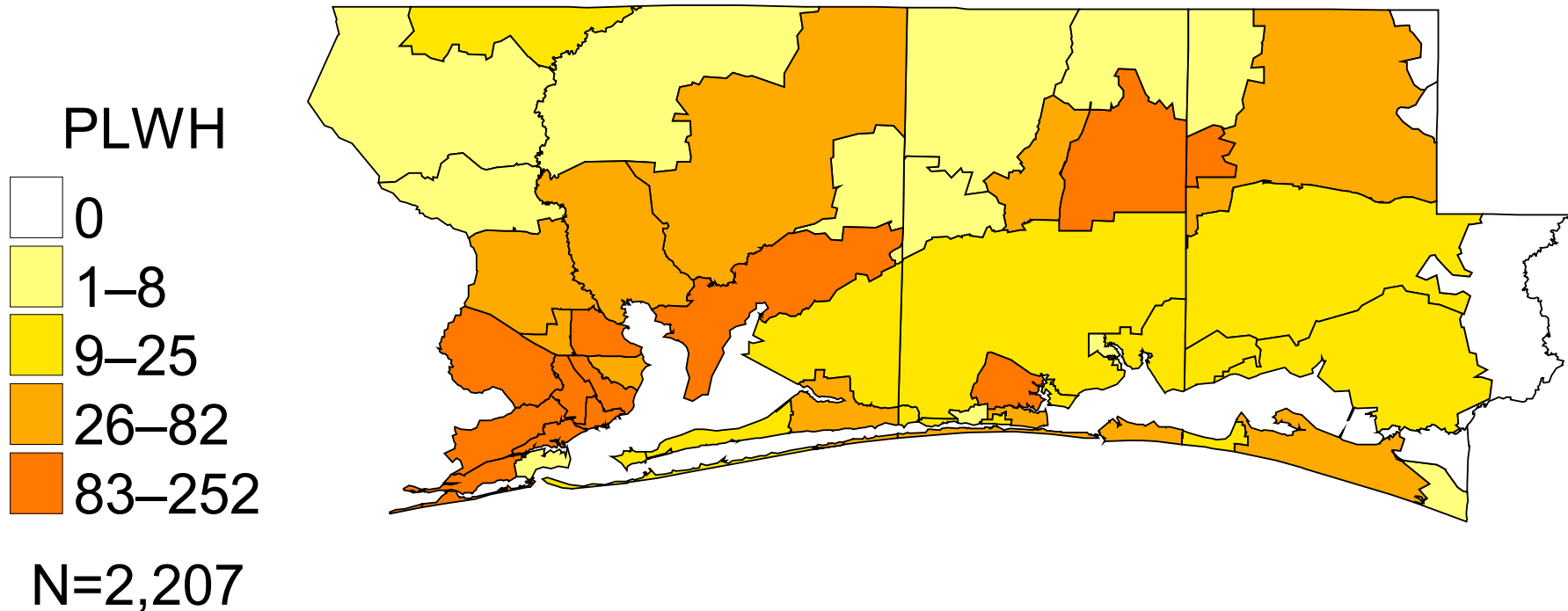
¹Source: STD data provided by the Sexually Transmitted Disease & Viral Hepatitis Section.

Adult (Age 13+) AIDS Diagnoses with TB¹ by Year of TB Report², 2013–2017, Area 1

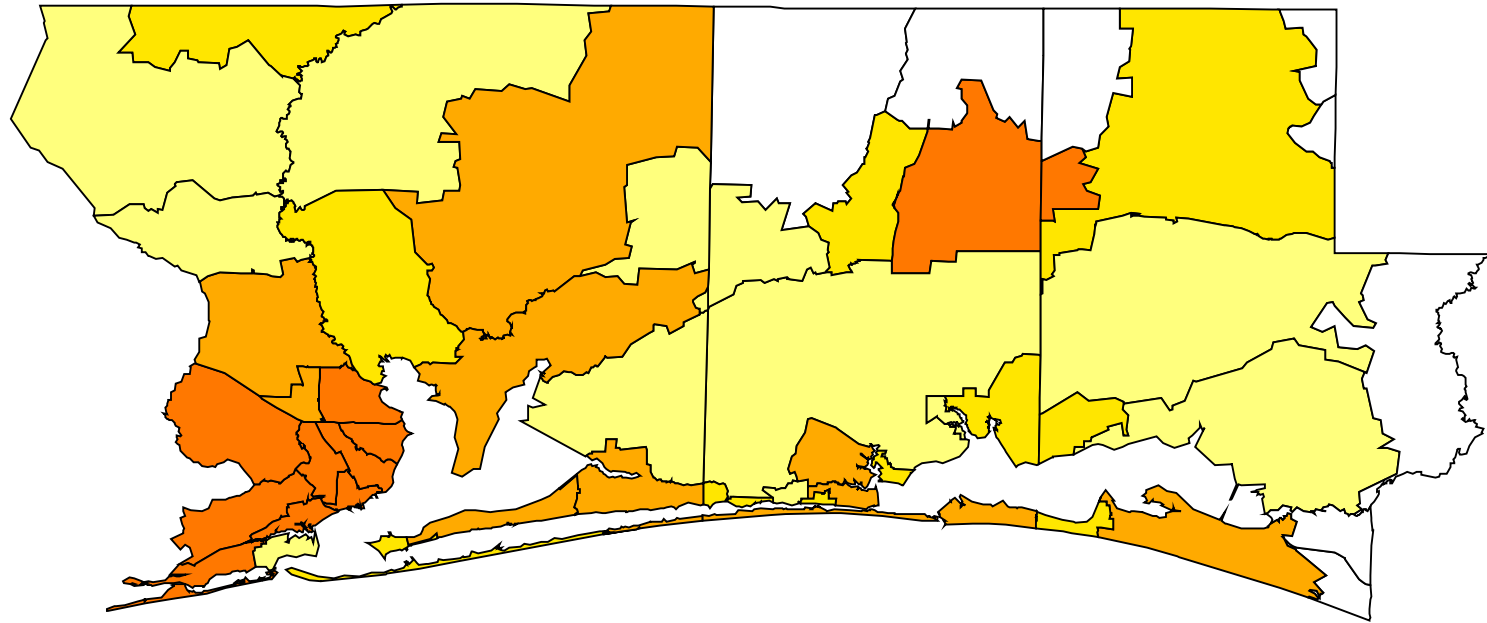
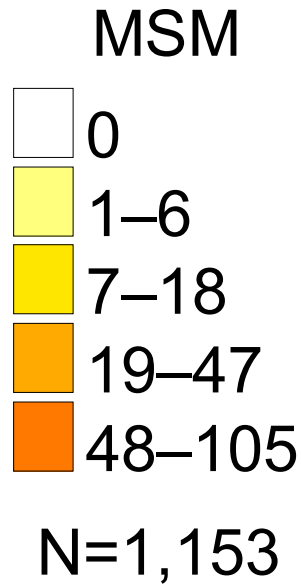
| Years of TB Report | TB/HIV |
|--------------------|--------|
| 2013 | 2 |
| 2014 | 0 |
| 2015 | 1 |
| 2016 | 1 |
| 2017 | 0 |

Persons Living with HIV

Adults (Age 13+) Living with HIV by ZIP Code of Current Residence, Area 1, Year-end 2017



MSM¹ Living with HIV By ZIP, Area 1, Year-end 2017

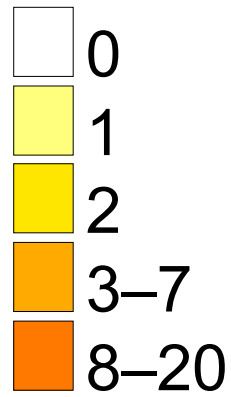


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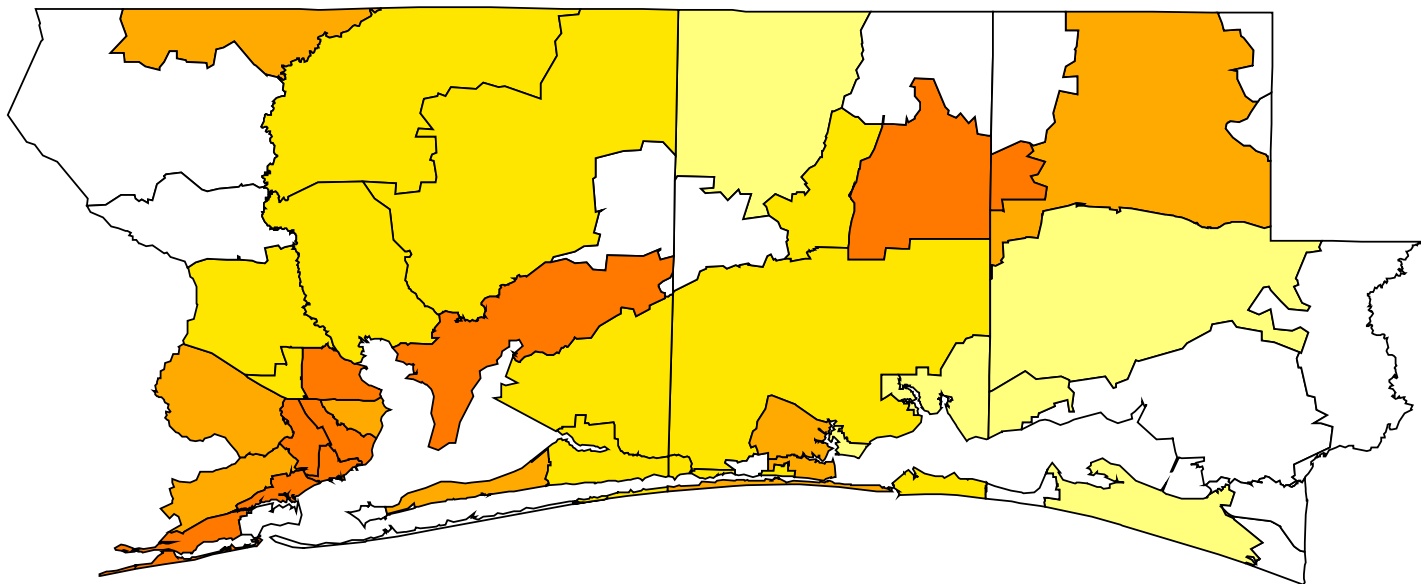
¹Includes MSM and MSM/IDU cases. Excludes DOC, homeless, and cases with unknown zips. Data as of 6/30/2018

Person's Who Inject Drugs¹ Living with HIV By ZIP, Area 1, Year-end 2017

Injection Drug Use



N=163

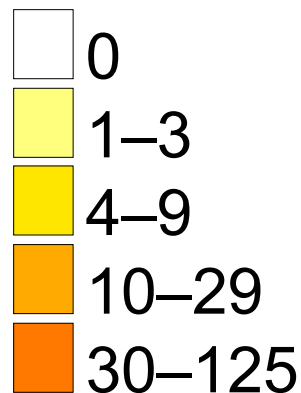


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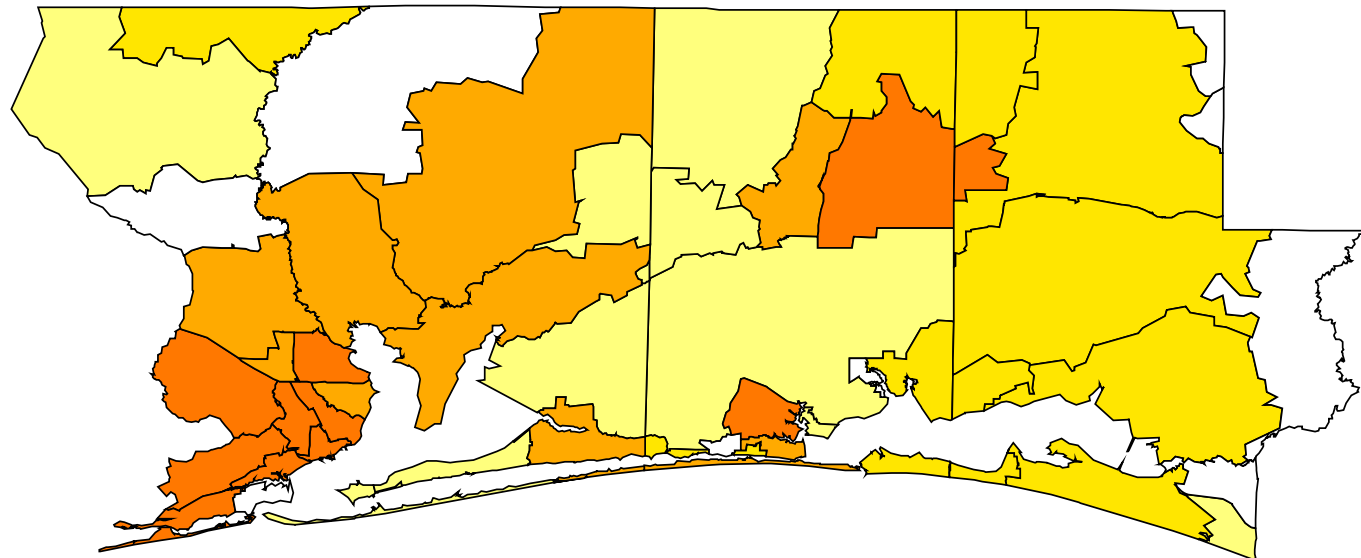
¹Includes IDU and MSM/IDU cases. Excludes DOC, homeless, and cases with unknown zips. Data as of 6/30/2018

Adult (Age 13+) Heterosexuals Living with HIV By ZIP, Area 1, Year-end 2017

Heterosexual Contact



N=756



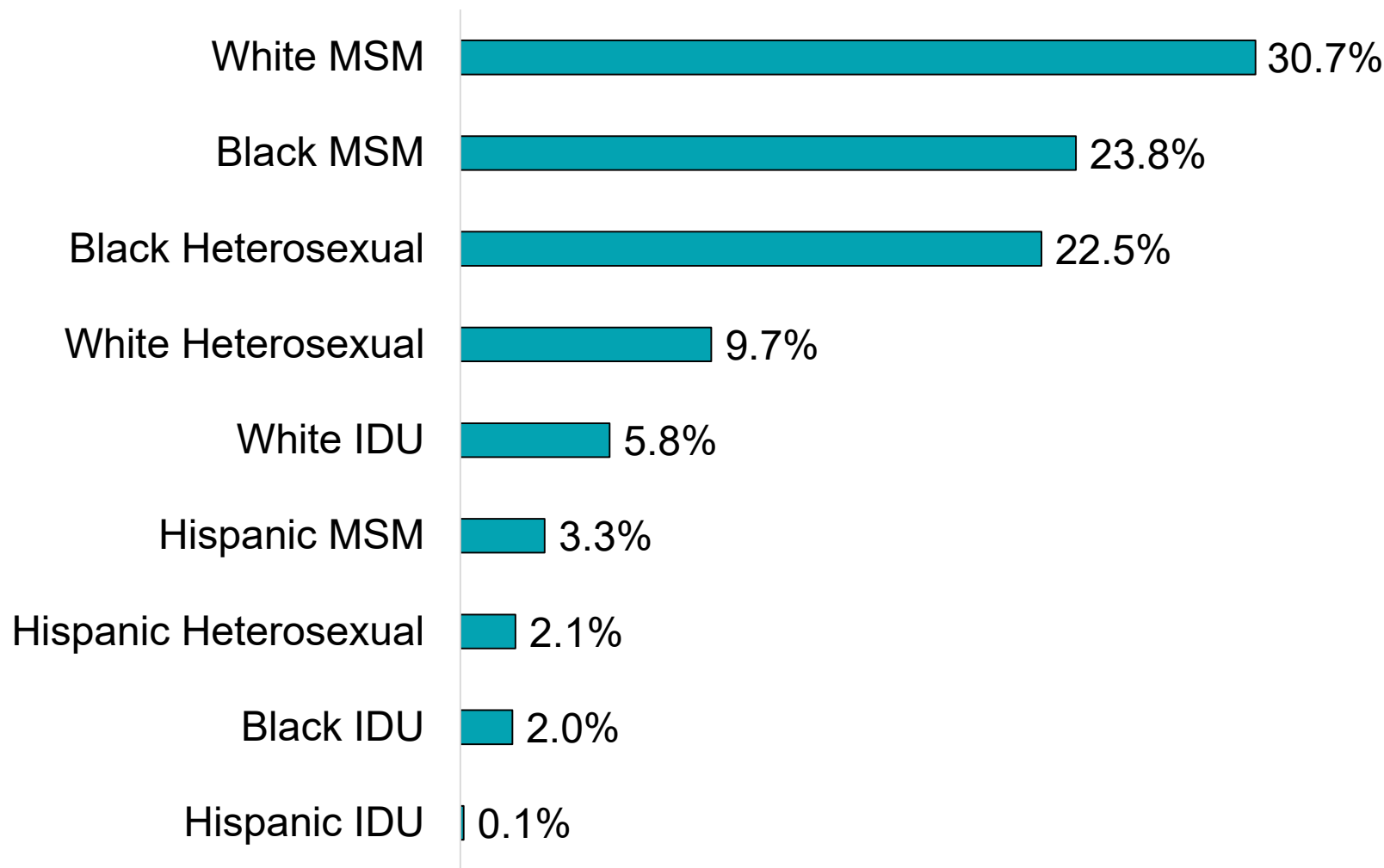
One-In-Statements for Adults (Age 13+) Living with HIV in Area 1, Year-end 2017

- 🎗️ One in 285 adults in Area 1 County were known to be living with HIV
 - 🎗️ One in 455 Whites were living with HIV
 - 🎗️ One in 83 Blacks were living with HIV
 - 🎗️ One in 308 Hispanics were living with HIV

Adults (Age 13+) Living with HIV, Year-end 2017, Area 1

| | Male(#) | (%) | Female(#) ¹ | (%) |
|-------------------------|---------|--------|------------------------|--------|
| Race/Ethnicity | | | | |
| White | 855 | 51.2% | 180 | 33.4% |
| Black | 686 | 41.1% | 314 | 58.3% |
| Hispanic | 102 | 6.1% | 18 | 3.3% |
| Other | 26 | 1.6% | 27 | 5.0% |
| Age Group | | | | |
| 13-19 | 3 | 0.2% | 2 | 0.4% |
| 20-29 | 166 | 9.9% | 53 | 9.8% |
| 30-39 | 286 | 17.1% | 108 | 20.0% |
| 40-49 | 356 | 21.3% | 142 | 26.3% |
| 50+ | 858 | 51.4% | 234 | 43.4% |
| Mode of Exposure | | | | |
| MSM | 1,155 | 69.2% | 0 | 0.0% |
| IDU | 115 | 6.9% | 50 | 9.3% |
| MSM/IDU | 97 | 5.8% | 0 | 0.0% |
| Heterosexual | 288 | 17.3% | 472 | 87.6% |
| Other risk | 14 | 0.8% | 17 | 3.2% |
| Total | | | | |
| Total | 1,669 | 100.0% | 539 | 100.0% |

Area 1 County's Top-Nine Priority Populations¹ for Primary HIV Prevention, 2017

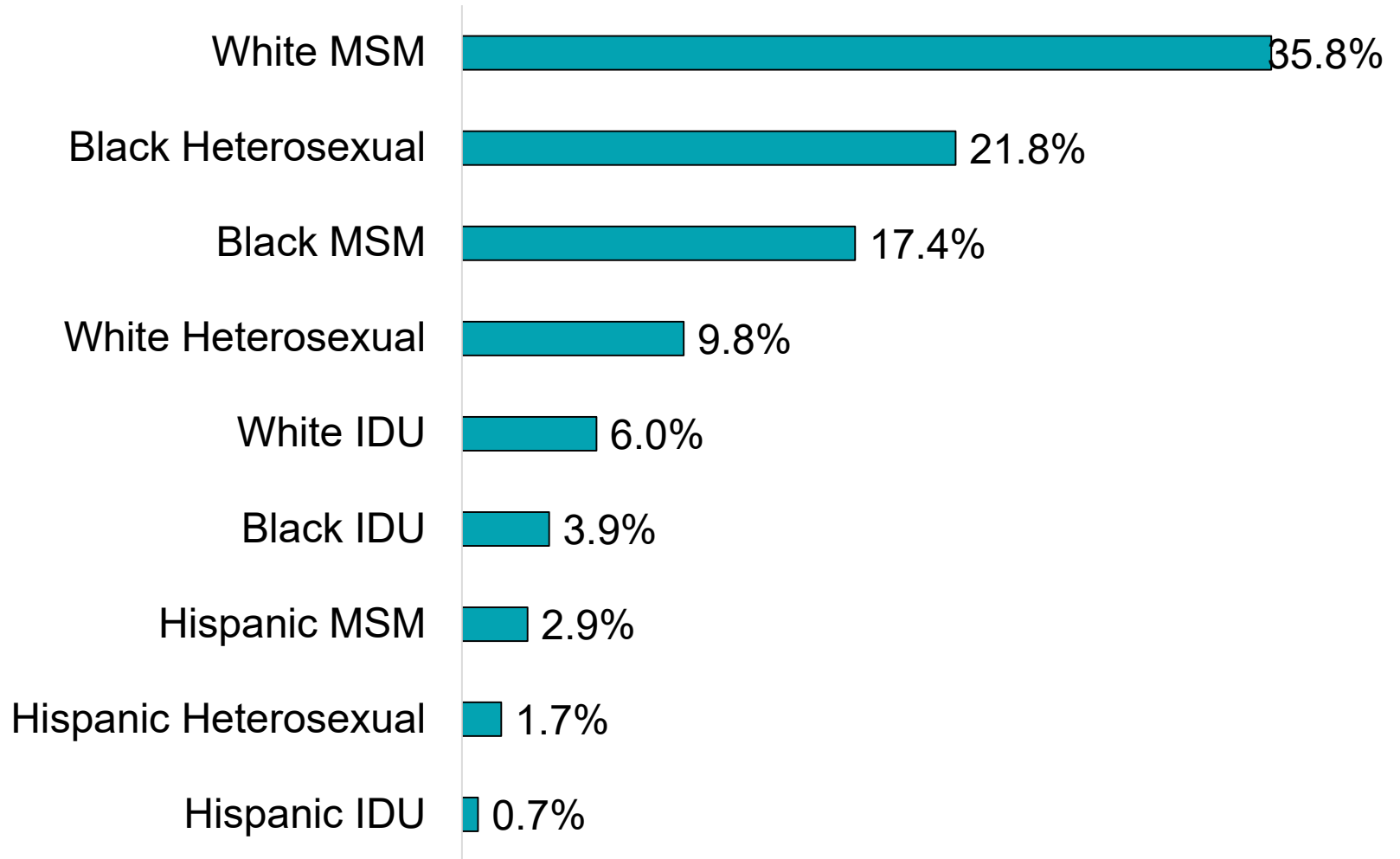


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¹MSM=(MSM and MSM/IDU Diagnoses) and IDU=(IDU and MSM/IDU Diagnoses), therefore the data are not mutually exclusive.



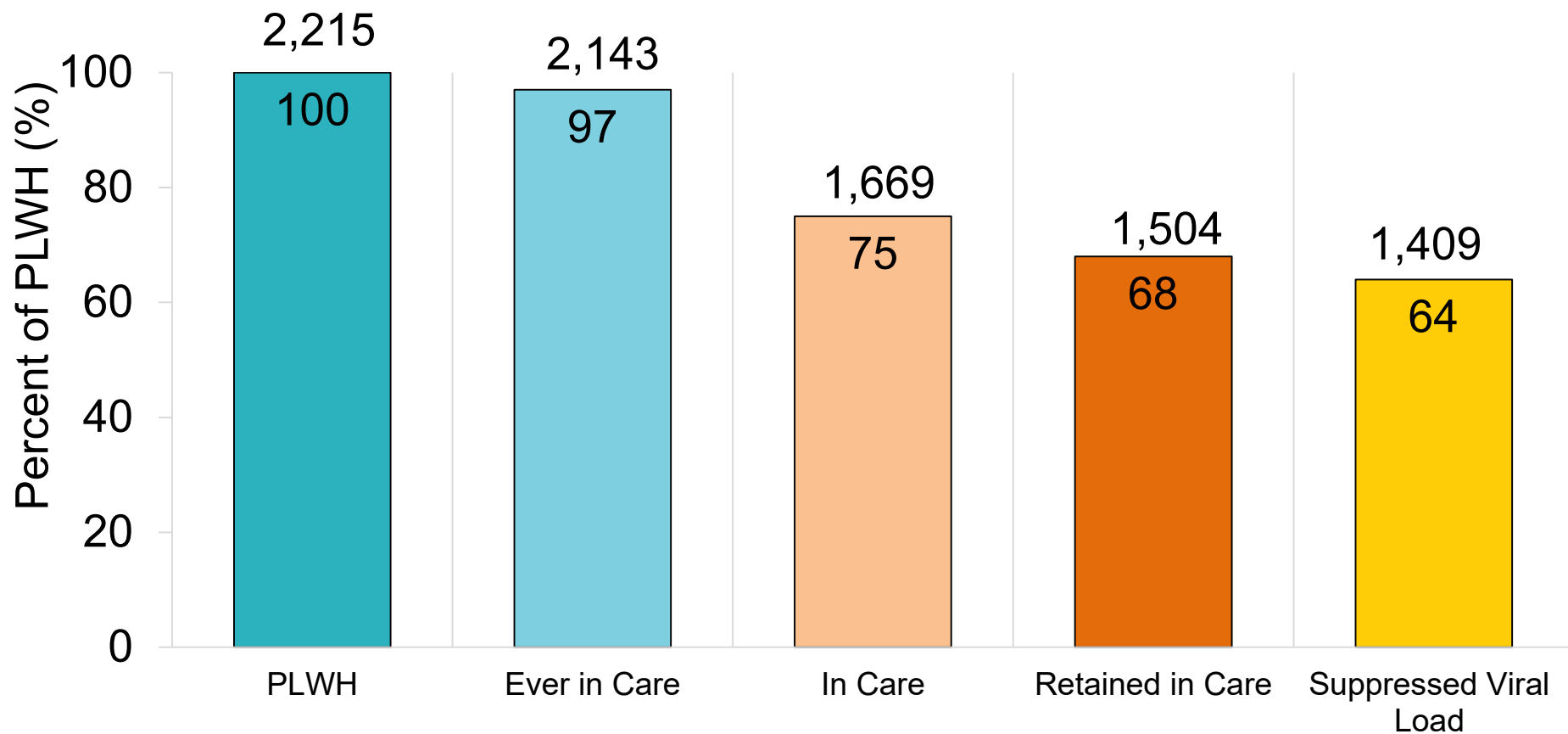
Area 1 County's Top-Nine Priority Populations¹ Prevention for Positives, 2017



HIV Care Continuum Definitions

- HIV Diagnosed:** The number of persons known to be diagnosed and living in Florida with HIV (PLWH) at the end of 2017, from data as of 6/30/2018
- Ever in Care:** PLWH with at least one documented Viral Load (VL) or CD4 lab, medical visit, or prescription from HIV diagnosis through 3/31/2018
- Currently in Care:** PLWH with at least one documented VL or CD4 lab, medical visit, or prescription from 1/1/2017 through 3/31/2018
- Retained in Care:** PLWH with two or more documented VL or CD4 labs, medical visits, or prescriptions at least three months apart from 1/1/2017 through 6/30/2018
- Suppressed Viral Load:** PLWH with a suppressed VL (<200 copies/mL) on the last VL from 1/1/2017 through 3/31/2018

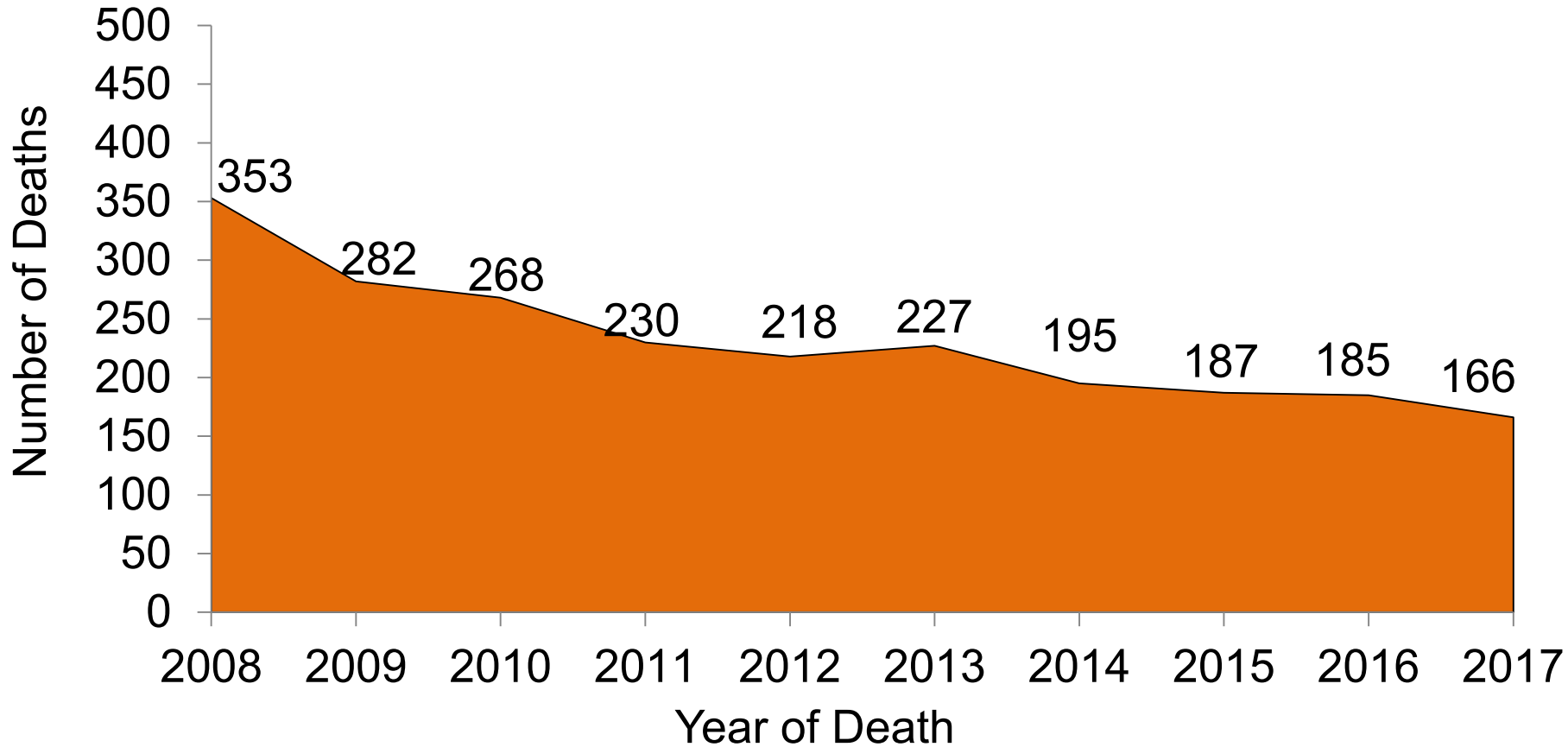
Persons Living with HIV (PLWH) in Area 1 along the HIV Care Continuum in 2017



Resident HIV Deaths by Year of Death

Resident Deaths Due to HIV by Year of Death, Area 1, 2008–2017

Need
2008-2016 data
10 year % change (2008–2017) = 53% decrease



Some Useful Links

Department. of Health, HIV Section Website

<http://www.floridahealth.gov/diseases-and-conditions/aids/surveillance/index.html>

CDC HIV Surveillance Reports (State and Metro Data):

<http://www.cdc.gov/hiv/stats/hasrlink.htm>

MMWR (Special Articles on Diseases, Including HIV):

<http://www.cdc.gov/mmwr/>

U.S. Census Data (Available by State, County):

<http://www.census.gov>

Area 1 County Surveillance Contacts:

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HIV/AIDS surveillance data are frozen on June 30, following the end of each calendar year.

These are the same data used for Florida CHARTS and all grant-related data.

www.floridacharts.com/charts/CommunicableDiseases/default.aspx



Division of Disease Control and Health Protection

To protect, promote and improve the health of all people in Florida through integrated state, county, and community efforts.