



# SEXUALLY TRANSMITTED DISEASES IN SAN DIEGO COUNTY 2015 DATA SLIDES

---

*County of San Diego  
Health and Human Services Agency  
Public Health Services  
HIV, STD, and Hepatitis Branch*



*July 2016  
[www.STDSanDiego.org](http://www.STDSanDiego.org)*



## Preface

This publication, *Sexually Transmitted Diseases in San Diego County, 2015 Data Slides*, includes reported disease data collected through 2015 for chlamydia, gonorrhea and syphilis. All tables and figures published here supersede those in prior publications.

This slide set provides a comprehensive picture of reported sexually transmitted disease trends and current morbidity in San Diego. These data are compiled to guide policy and program development within the County of San Diego HIV, STD and Hepatitis Branch, local STD programs, and other public health agencies.

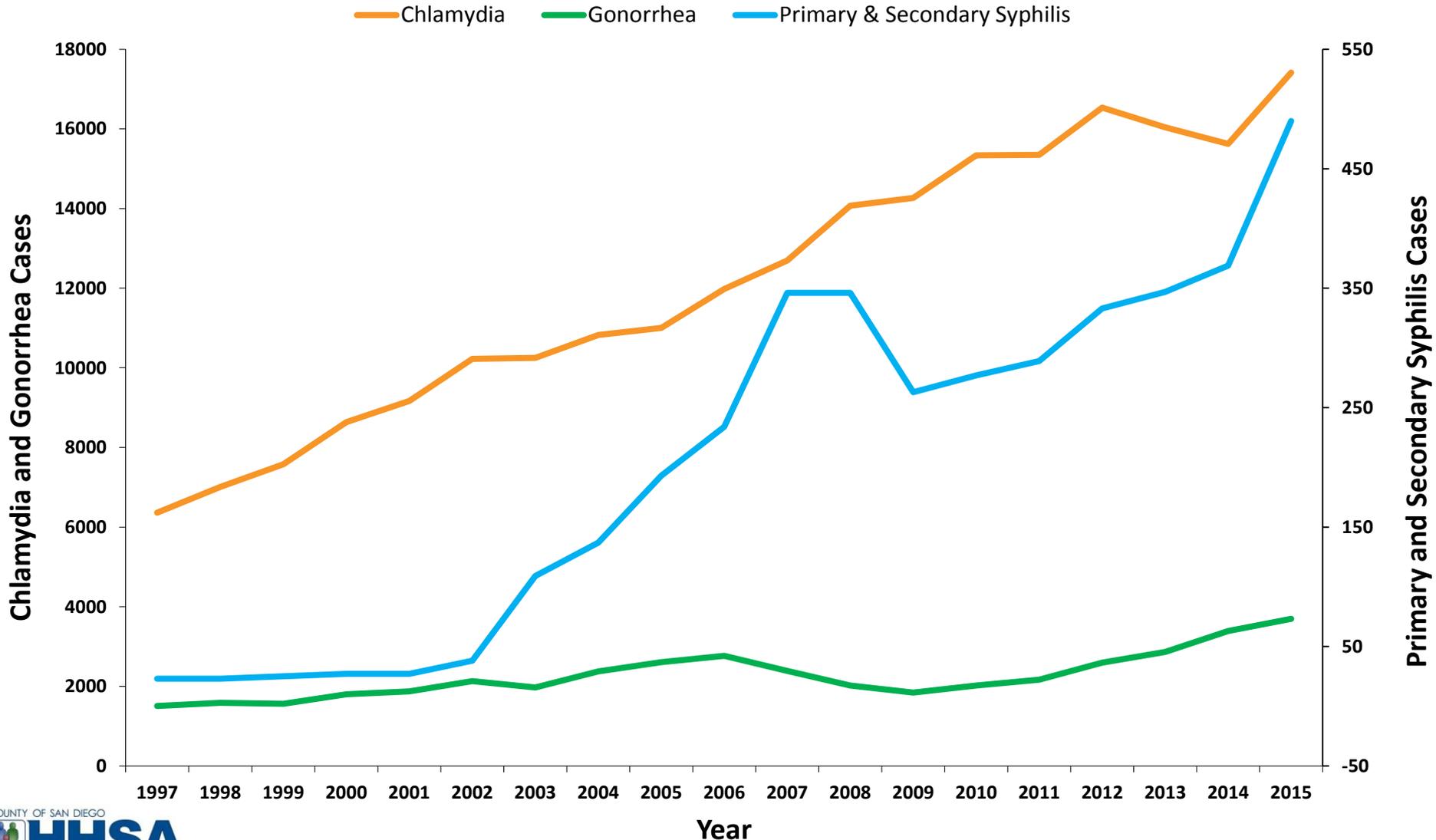
## Copyright Information

All material contained in this report is in the public domain and may be used and reprinted without permission. Citation to source is requested and may be acknowledged as suggested below.

## Suggested Citation

County of San Diego, Health and Human Services Agency, Public Health Services, HIV, STD and Hepatitis Branch. July 2016. *Sexually Transmitted Diseases in San Diego County, 2015 Data Slides*. Accessed MM/DD/YY from [www.STDSanDiego.org](http://www.STDSanDiego.org).

# STDs Reported Among San Diego County Residents, 1997 – 2015



Note: Scale for syphilis is on the right.

# Chlamydia



LIVE WELL  
SAN DIEGO

# Key Points

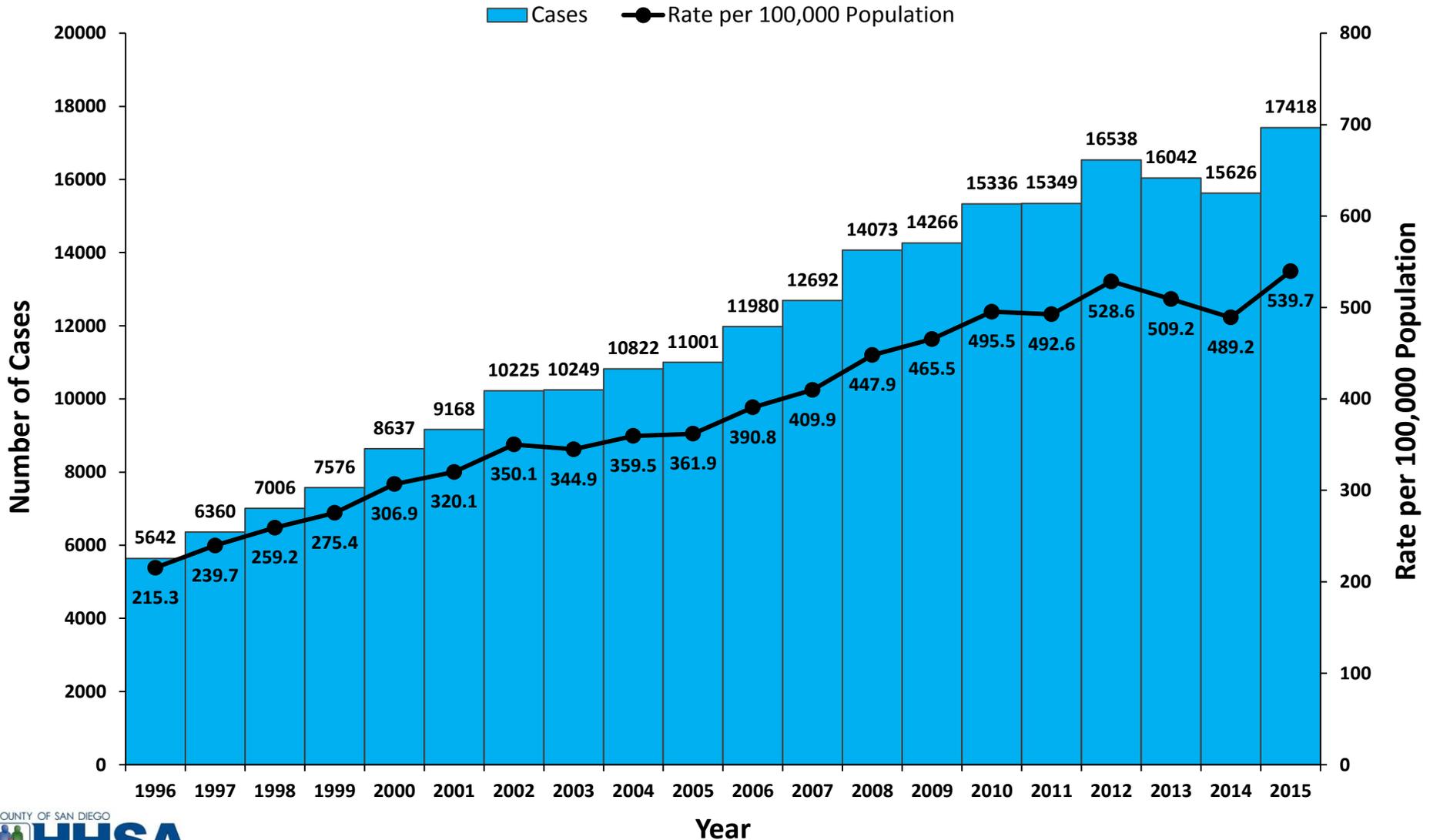
## Chlamydia in San Diego County

- Chlamydia is the most commonly reported disease in San Diego County and in California.
- Cases of chlamydia increased 11.5% from 15,626 cases in 2014 to 17,418 cases in 2015.
- The rate of chlamydia in women is 1.8 times the rate in men.
- Young women, aged 15 to 24 years, have the highest rates of infection.

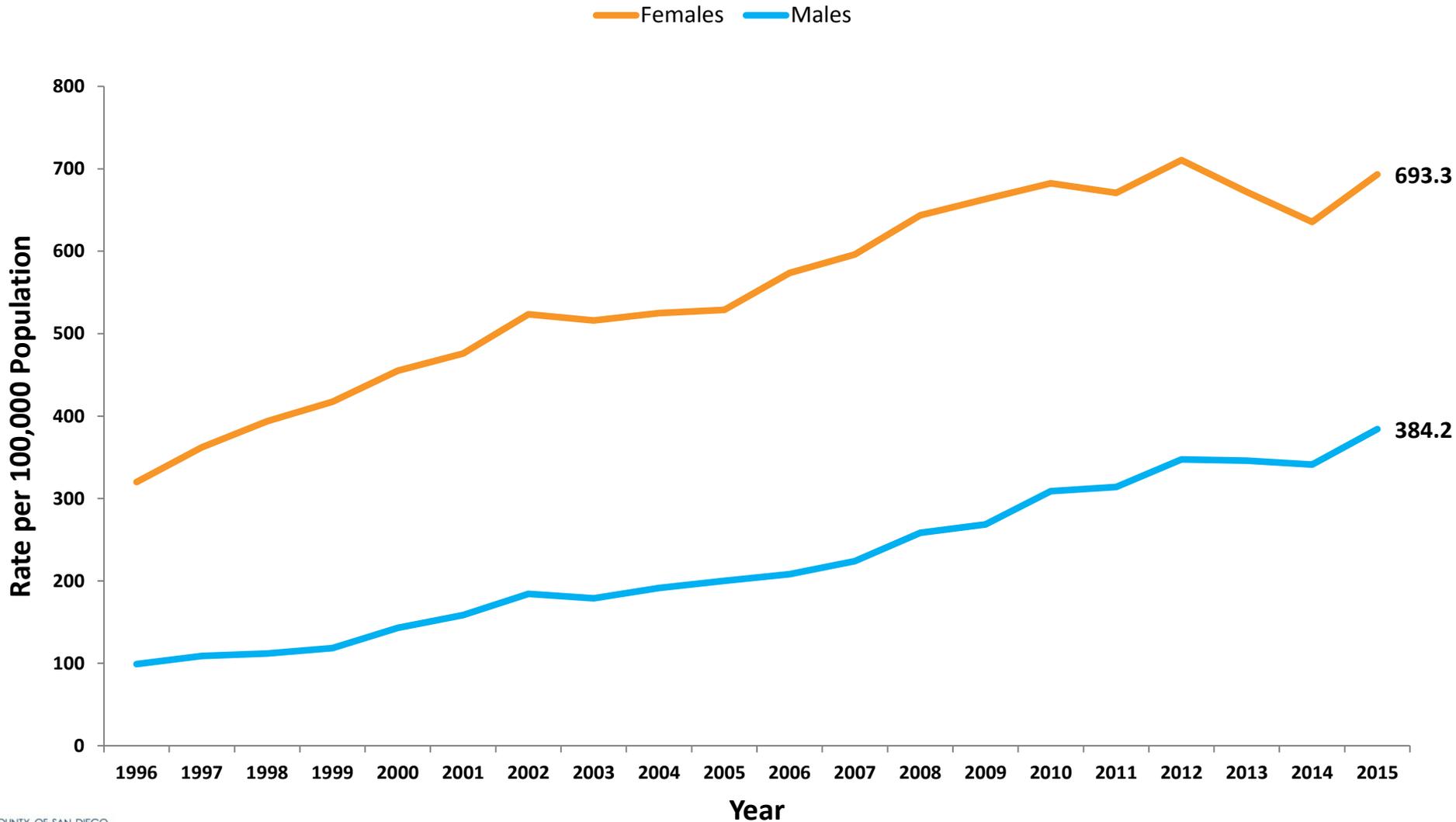


LIVE WELL  
SAN DIEGO

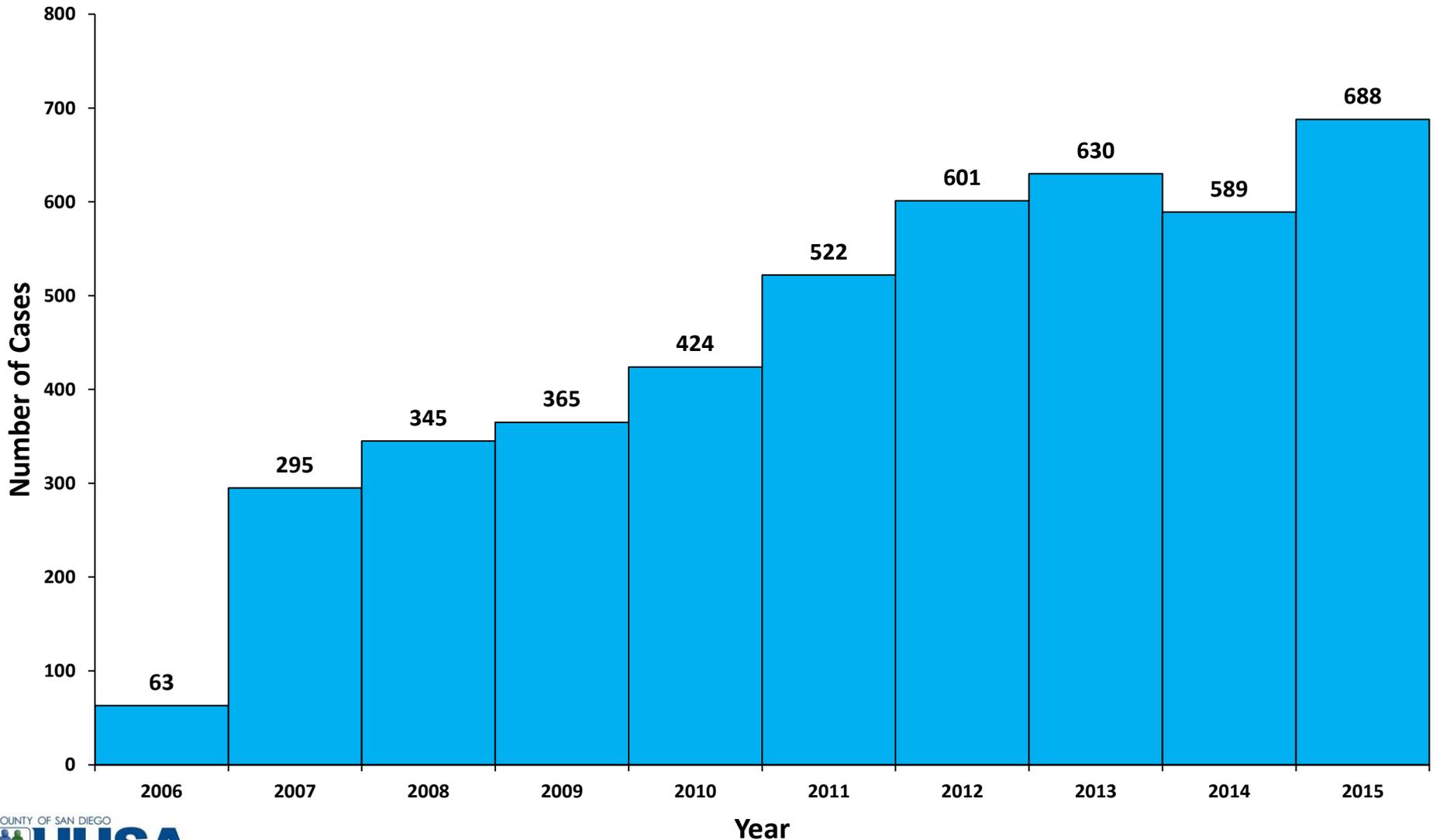
# Chlamydia Cases and Rates by Year San Diego County, 1996 - 2015



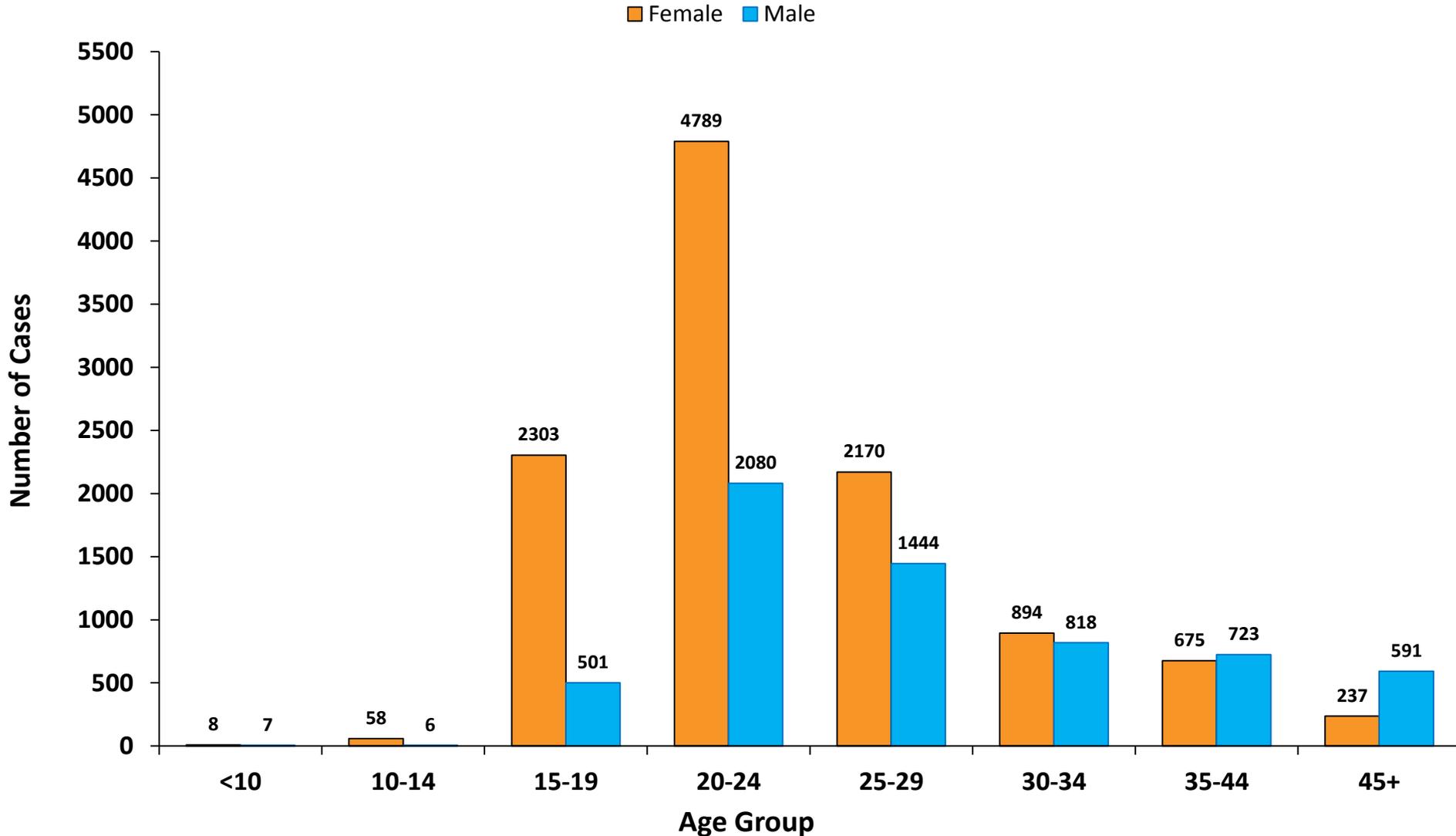
# Chlamydia Rates by Gender and Year San Diego County, 1996 - 2015



# Rectal or Pharyngeal Chlamydia Infections in Males San Diego County, 2006 - 2015

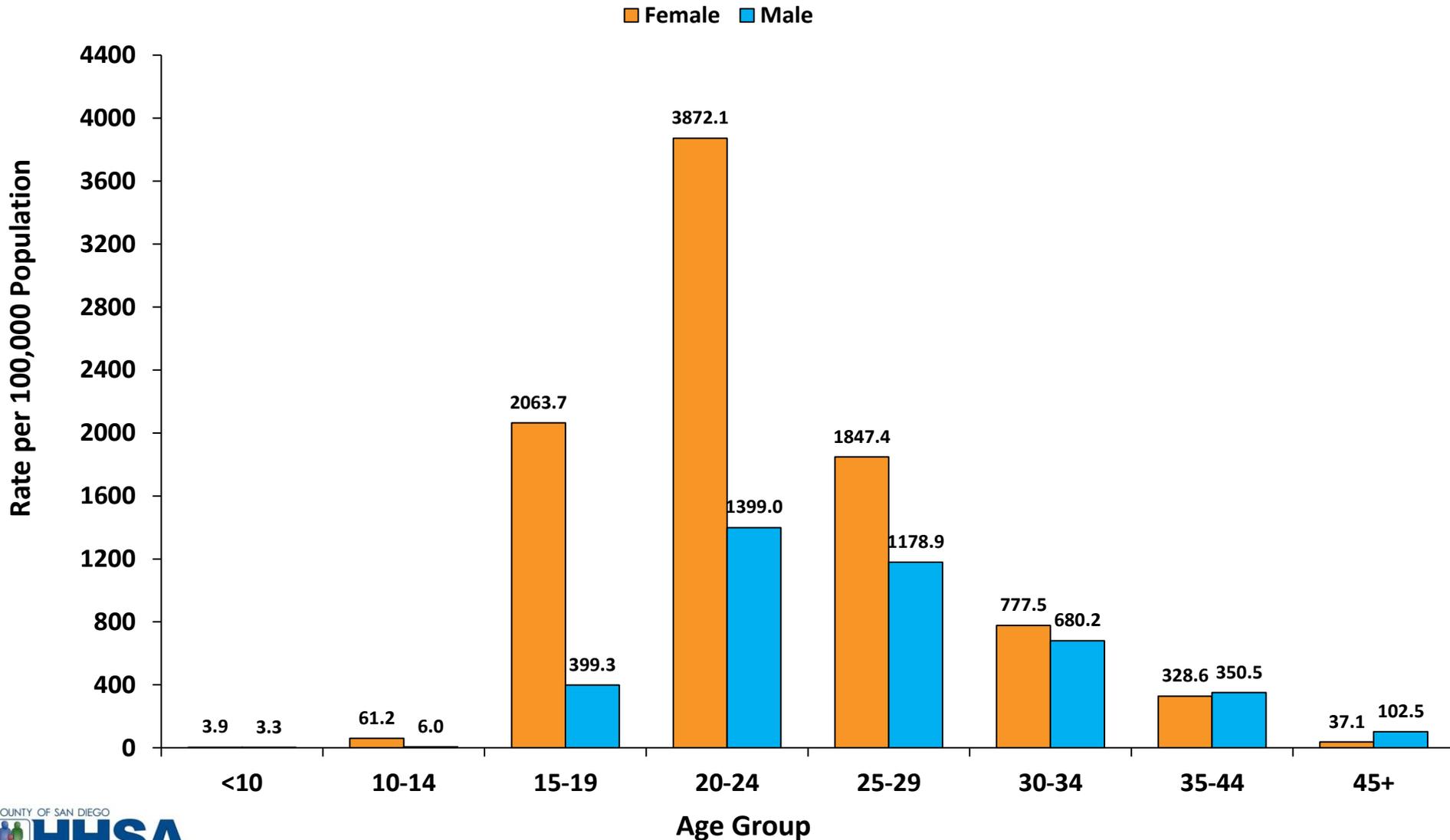


# Chlamydia Cases by Gender and Age San Diego County, 2015



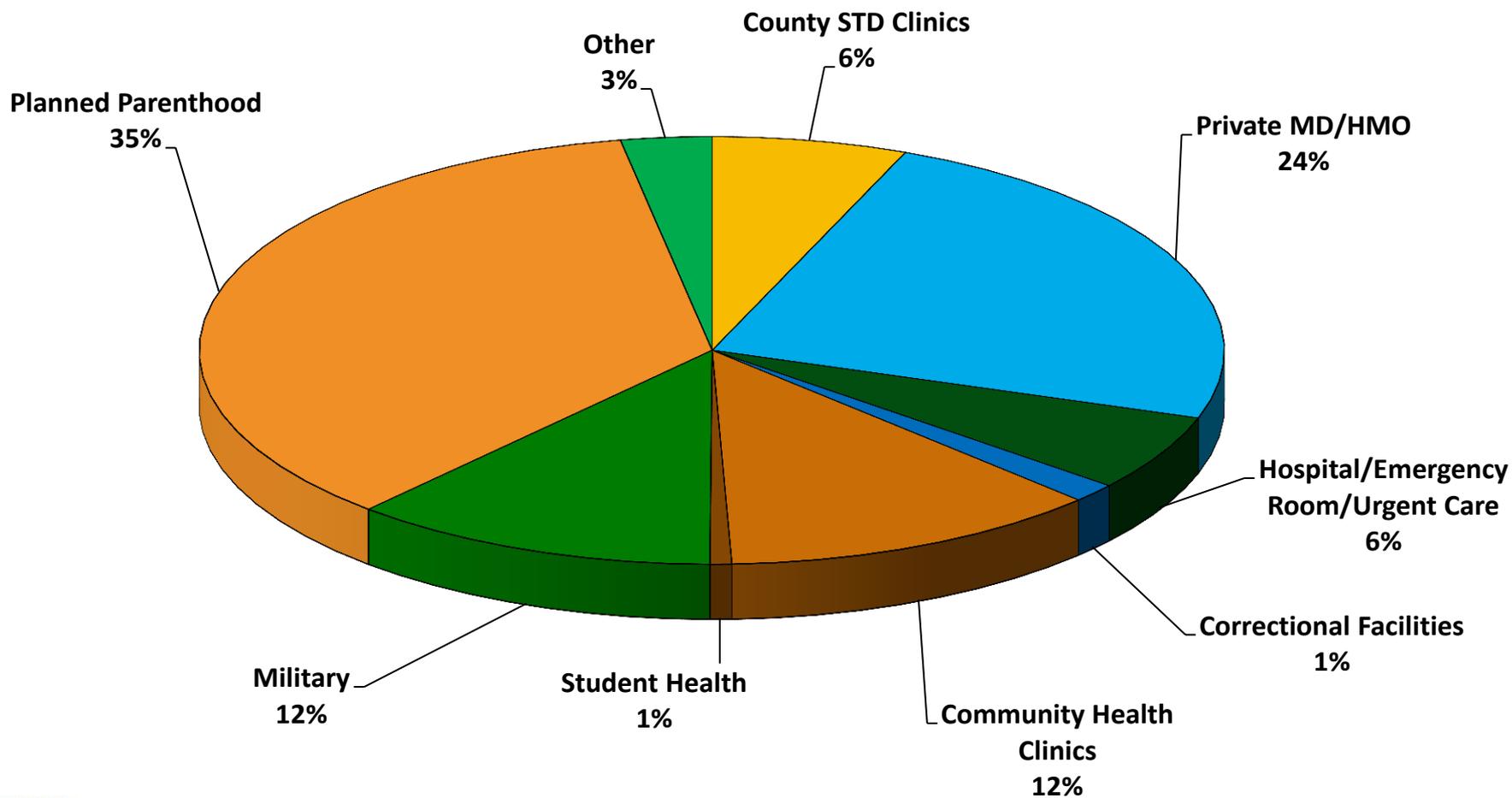
Note: Excludes 34 cases missing gender information and 80 cases missing age information.

# Chlamydia Rates by Gender and Age San Diego County, 2015

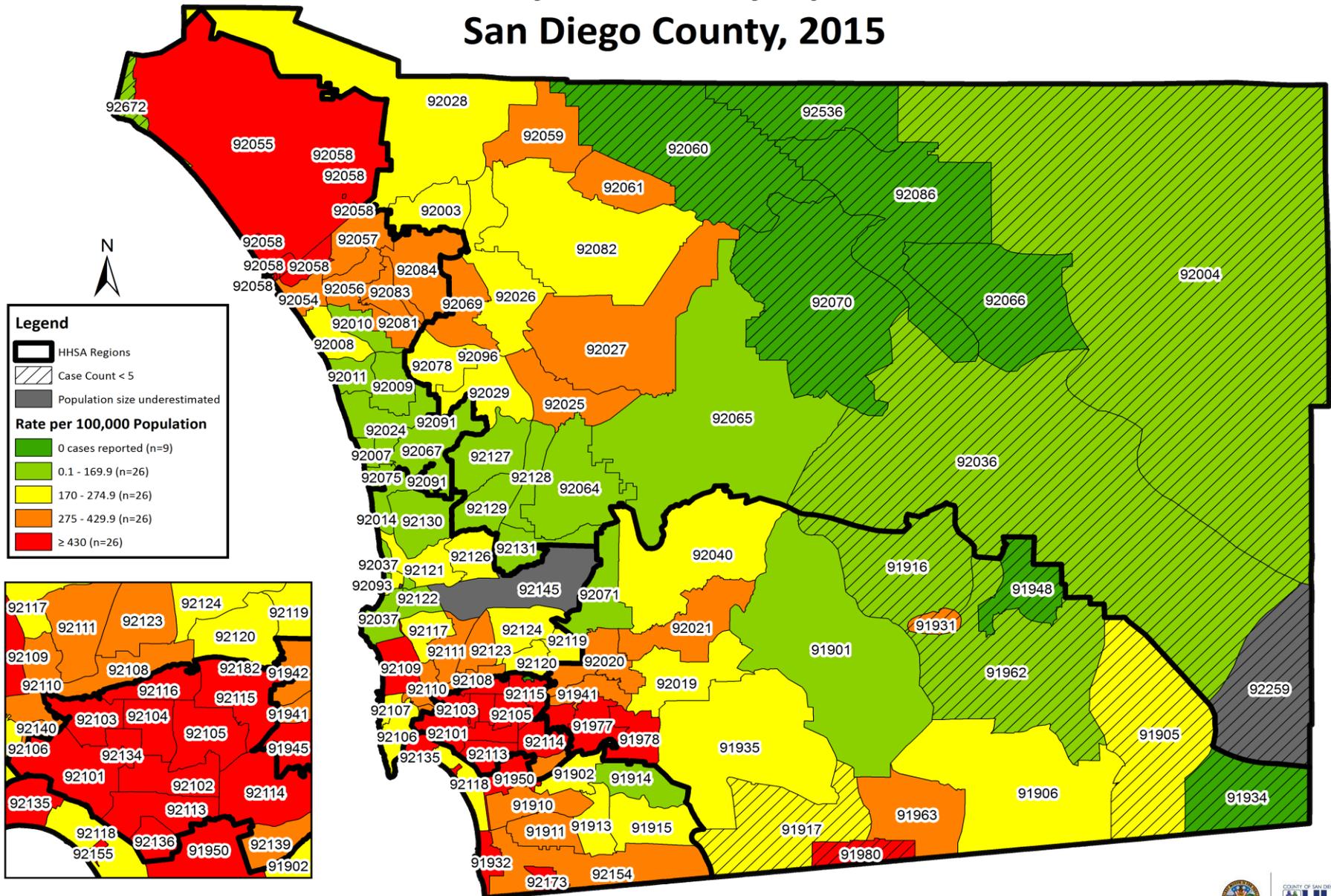


Note: Rates exclude 114 cases missing gender or age information

# Chlamydia Cases by Reporting Facility Type San Diego County, 2015



# Chlamydia Rates by Zip Code San Diego County, 2015



Note: Rate categories are different from the last iteration of this report

Source: County of San Diego, Health and Human Services Agency, HSHB (HIV, STD, Hepatitis Branch), CalREDIE Database

Map Date: June 10, 2016

Contact: Lawrence Wang

# Gonorrhea



LIVE WELL  
SAN DIEGO

# Key Points

## Gonorrhea in San Diego County

- Cases of gonorrhea increased 9% from 3,391 cases in 2014 to 3,695 cases in 2015.
- The rate of gonorrhea in males is more than twice the rate in females.
- Men aged 20 to 29 years have the highest rate of infection.
- The rate of gonorrhea in African American/black males is 4.9 times that of white males; the rate of infection in African American/black females is 7.7 times that of white females.

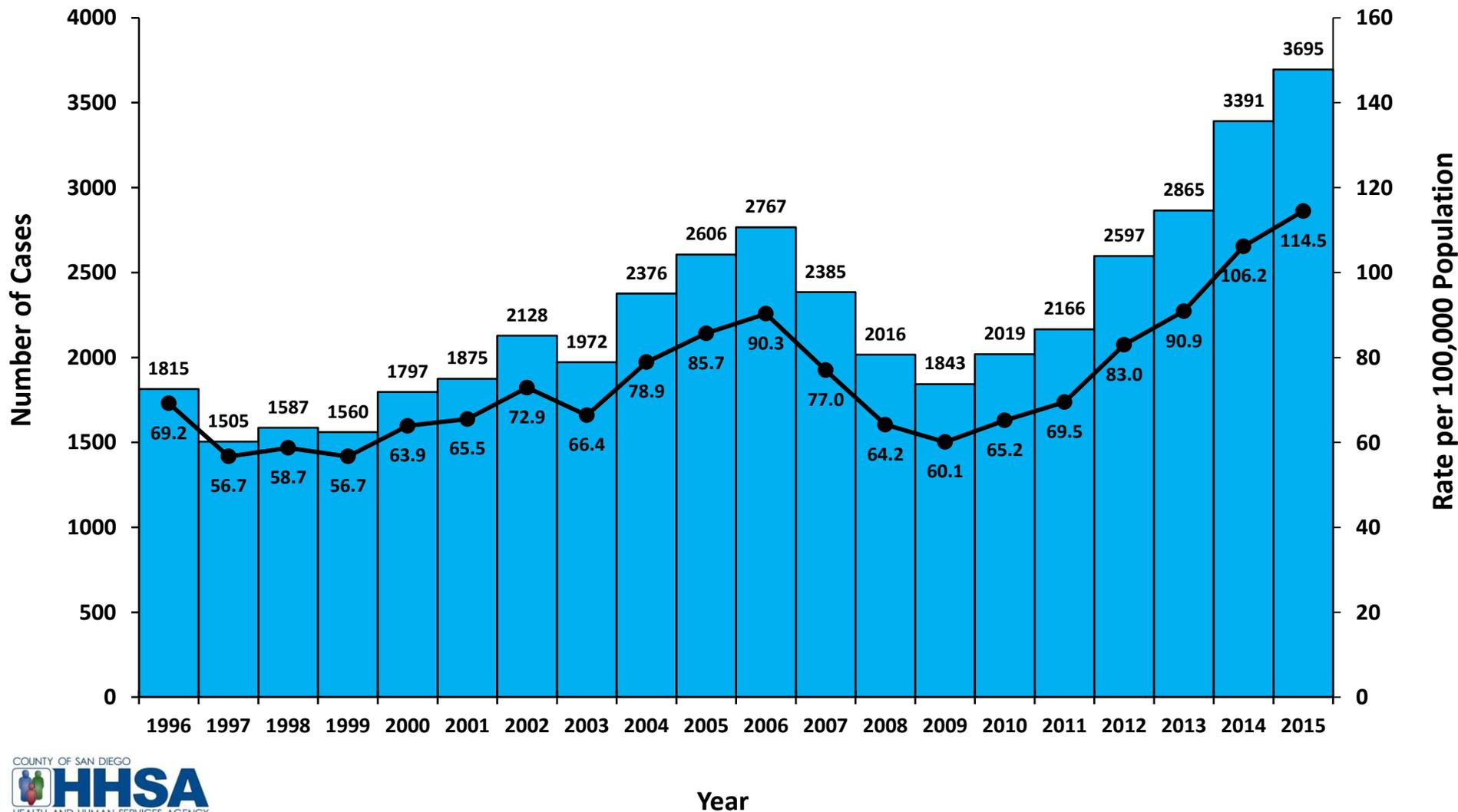


LIVE WELL  
SAN DIEGO

# Gonorrhea Cases and Rates by Year San Diego County, 1996 - 2015

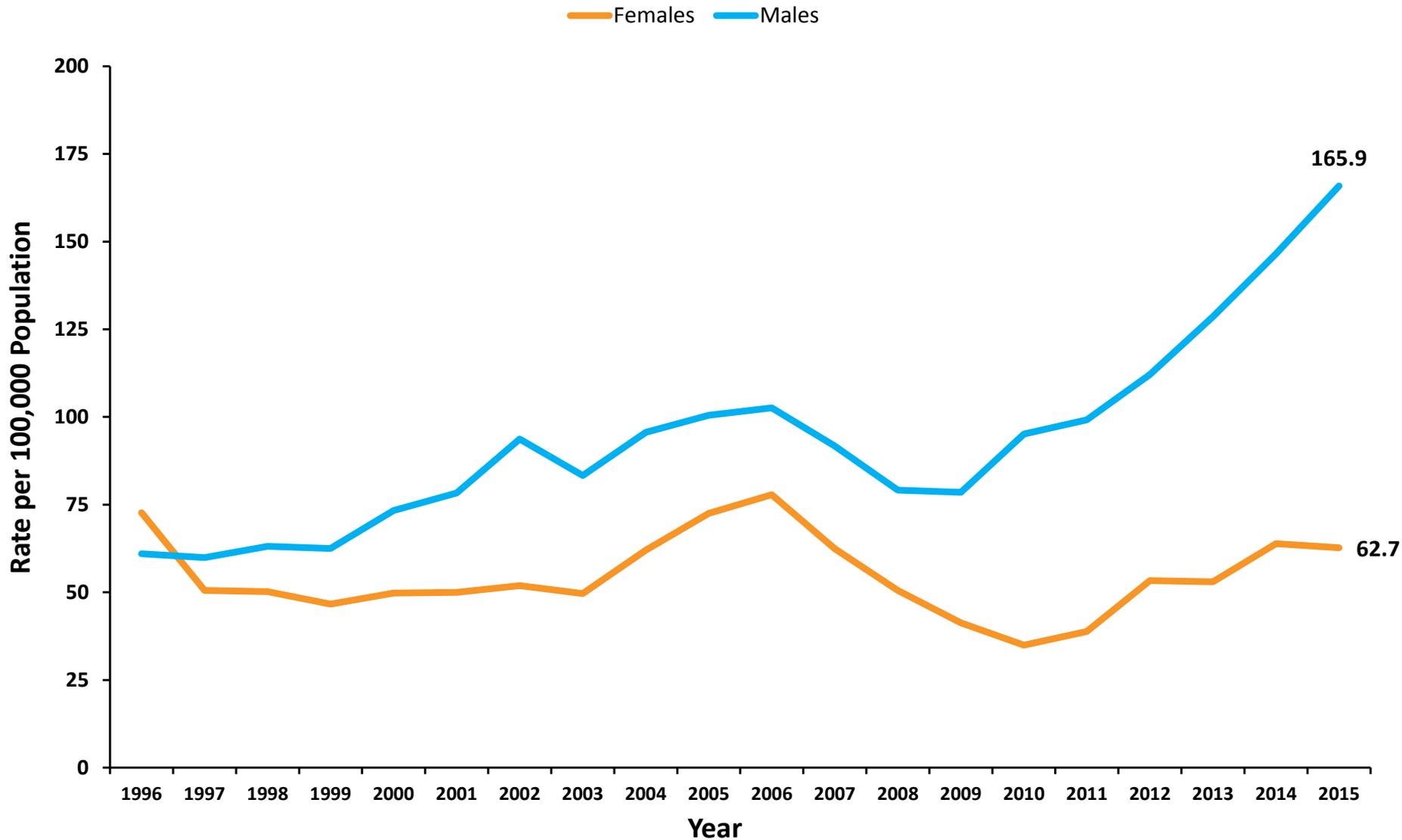


■ Cases    ● Rate per 100,000 population

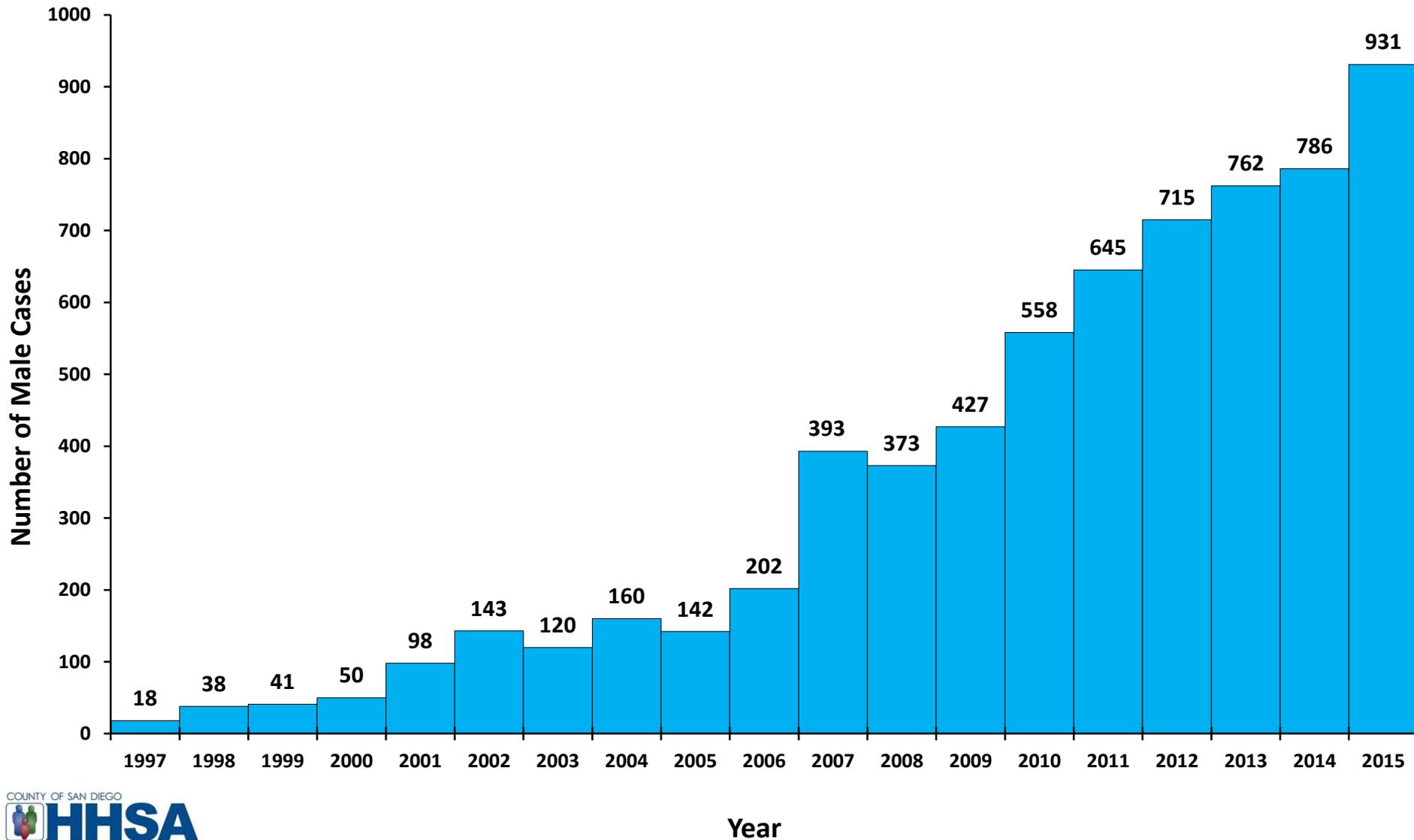


# Gonorrhea Rates by Gender and Year

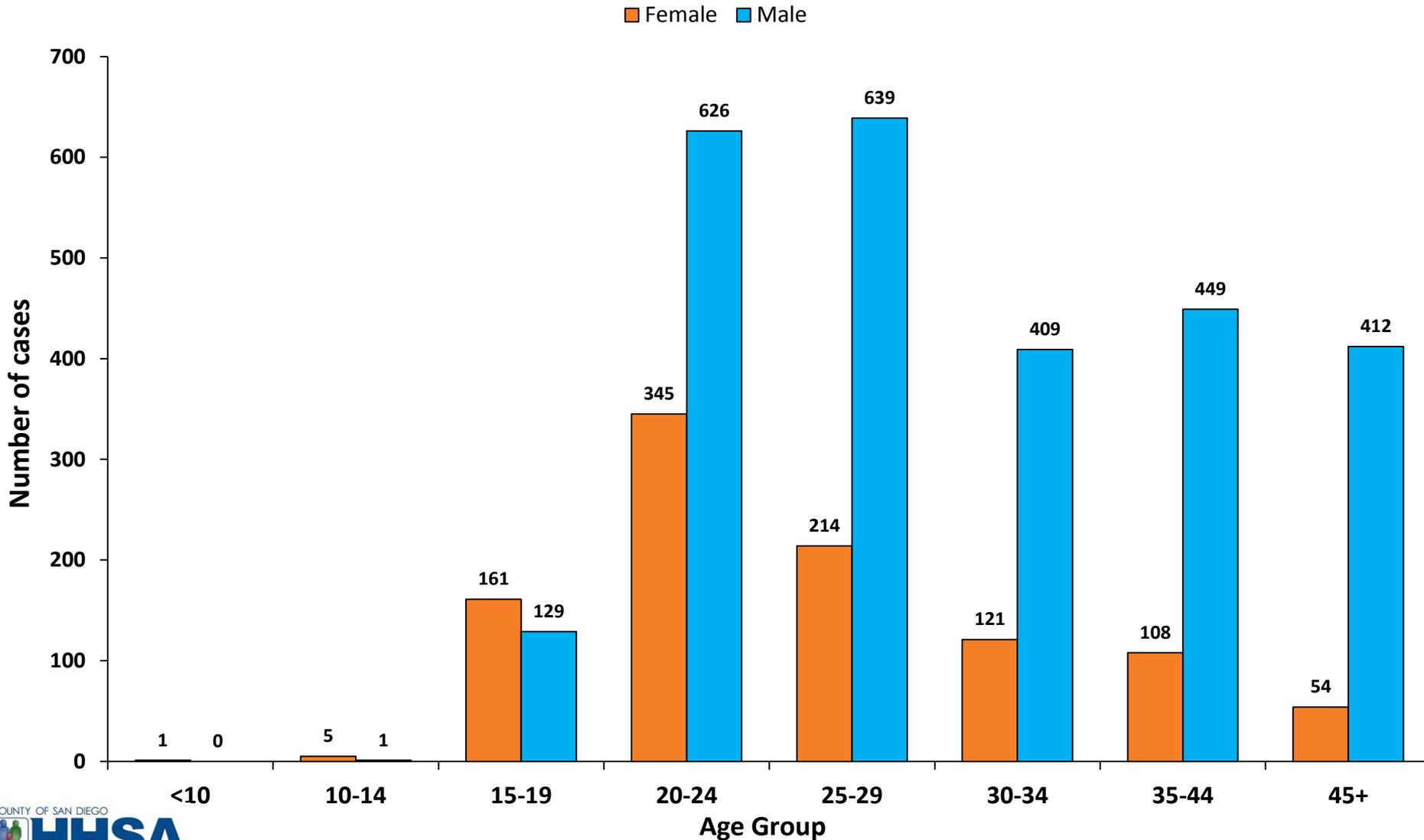
## San Diego County, 1996 - 2015



# Rectal or Pharyngeal Gonorrhea Infections in Males San Diego County, 1997 - 2015

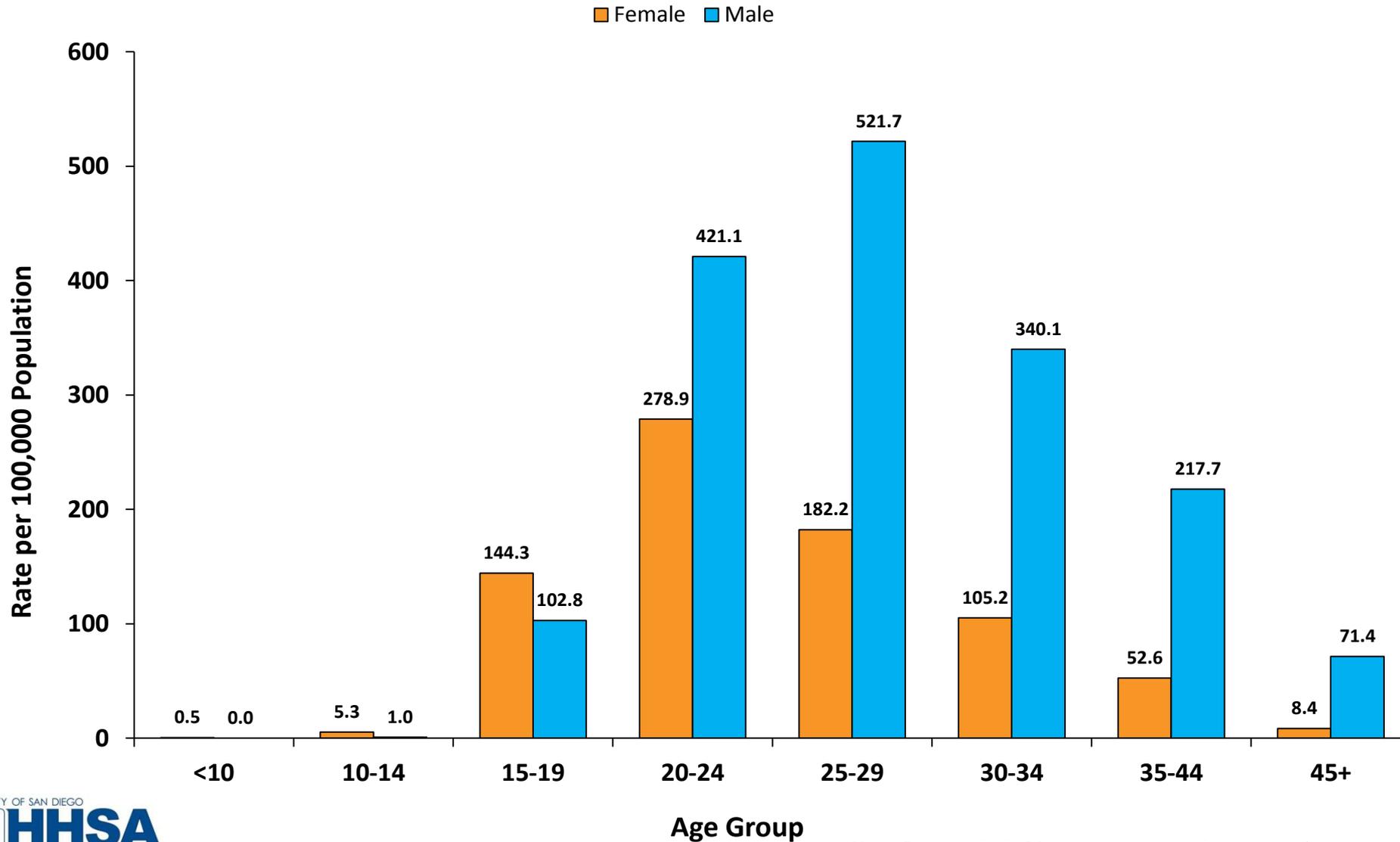


# Gonorrhea Cases by Gender and Age San Diego County, 2015



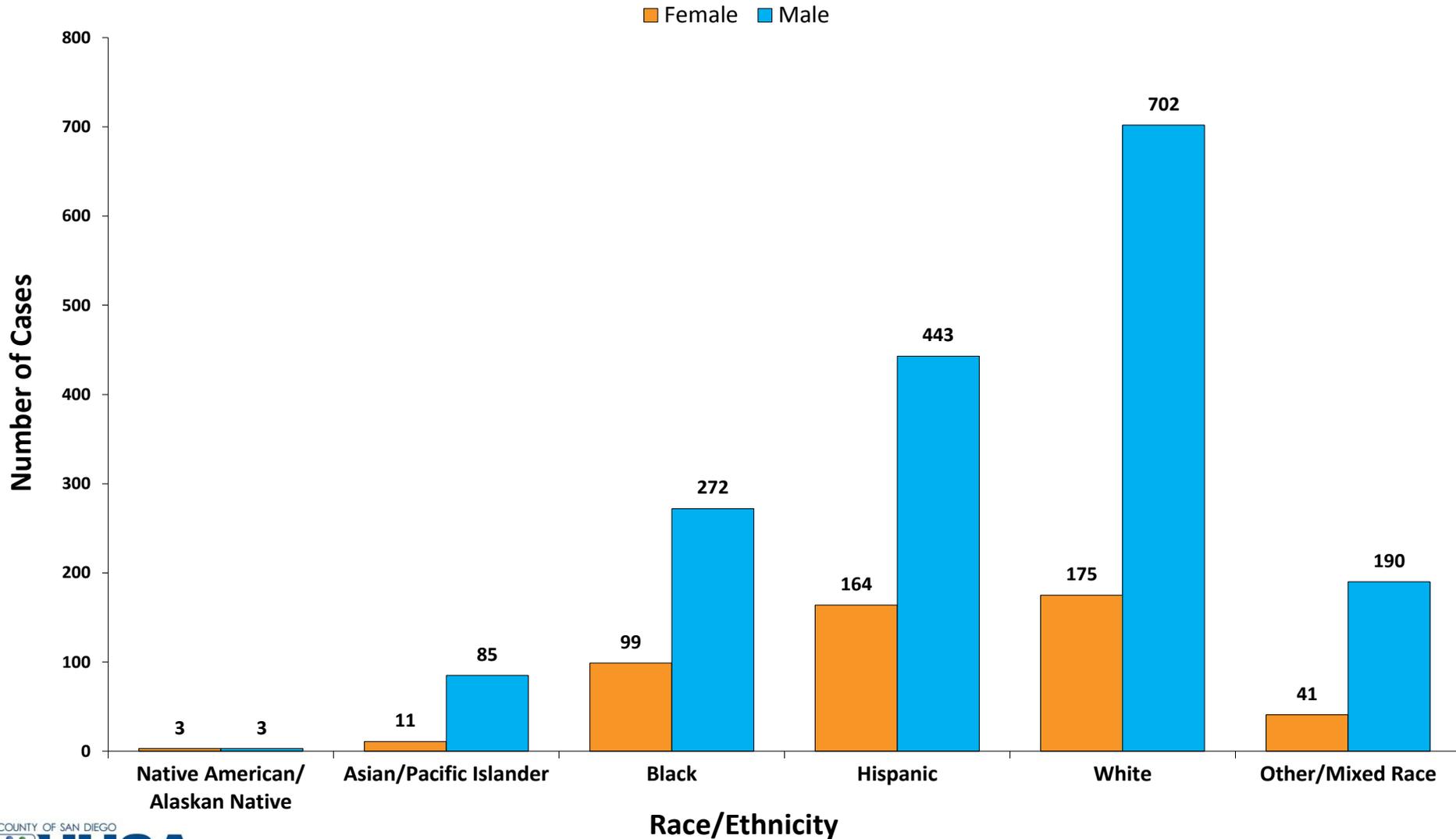
Note: Excludes 5 cases missing gender information and 16 cases missing age information.

# Gonorrhea Rates by Gender and Age San Diego County, 2015



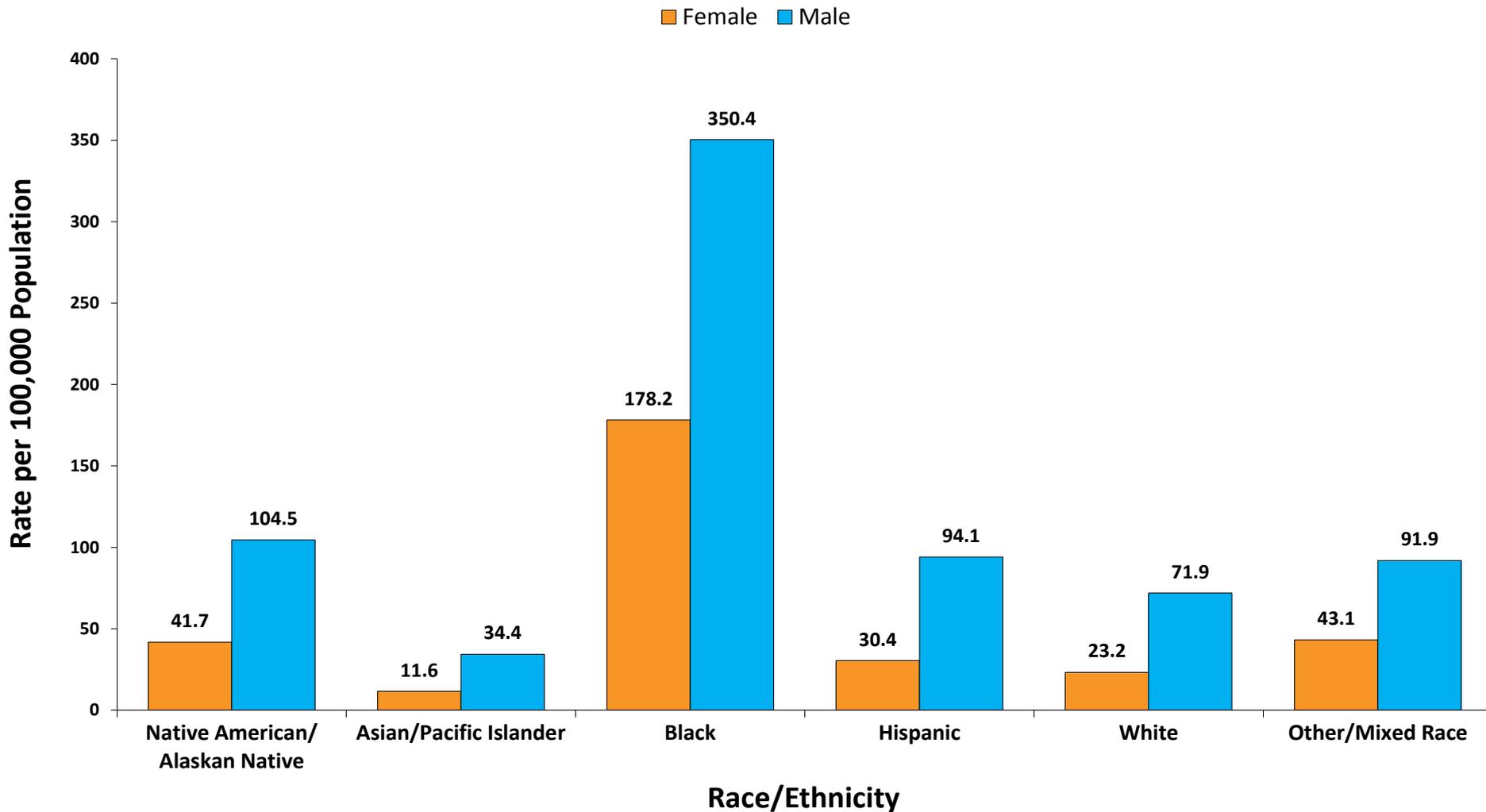
Note: Rates exclude 21 cases missing gender or age information.

# Gonorrhea Cases by Gender and Race/Ethnicity San Diego County, 2015



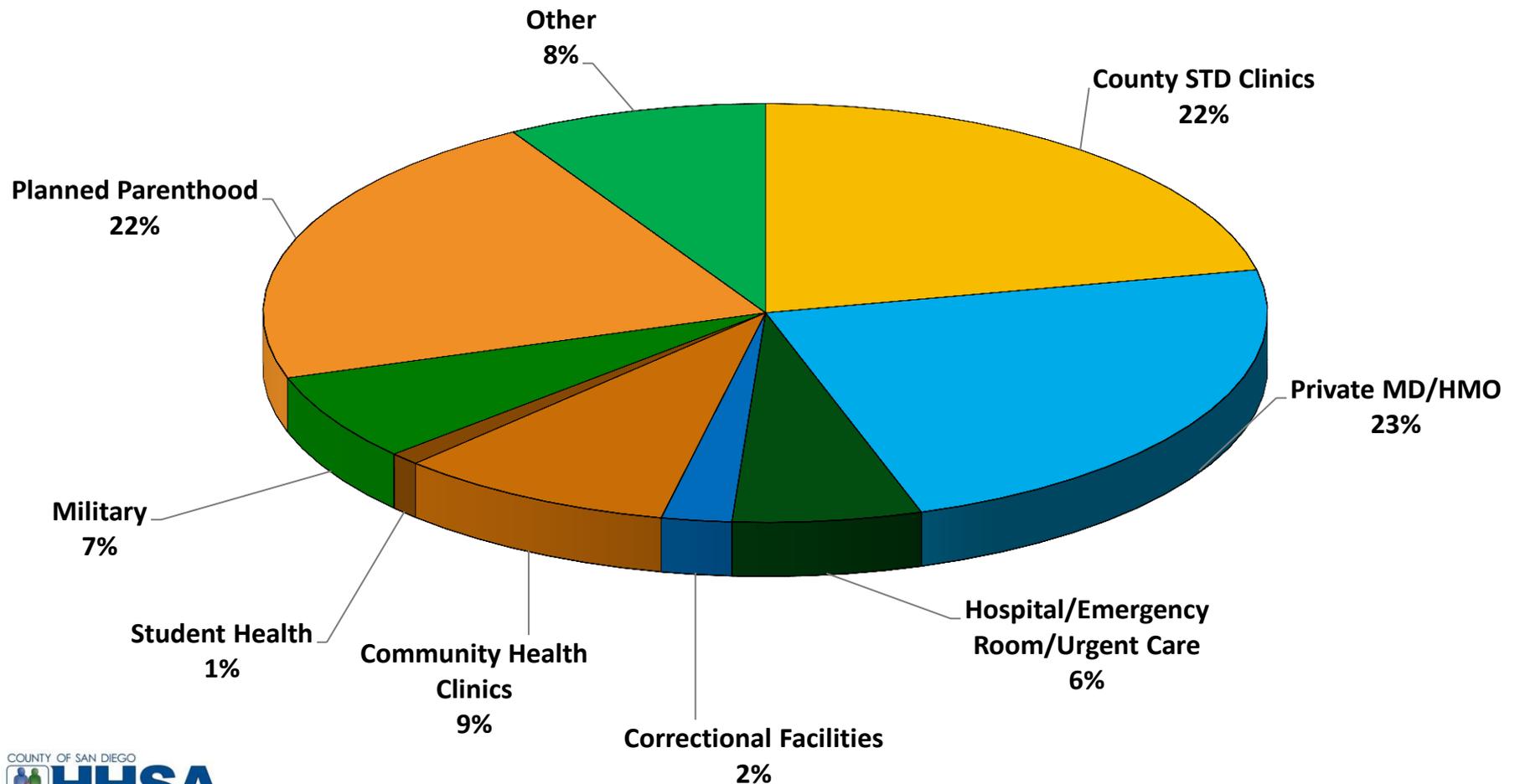
Note: 44.7% of cases are missing race/ethnicity data and are not included in counts above.

# Gonorrhea Rates by Gender and Race/Ethnicity San Diego County, 2015



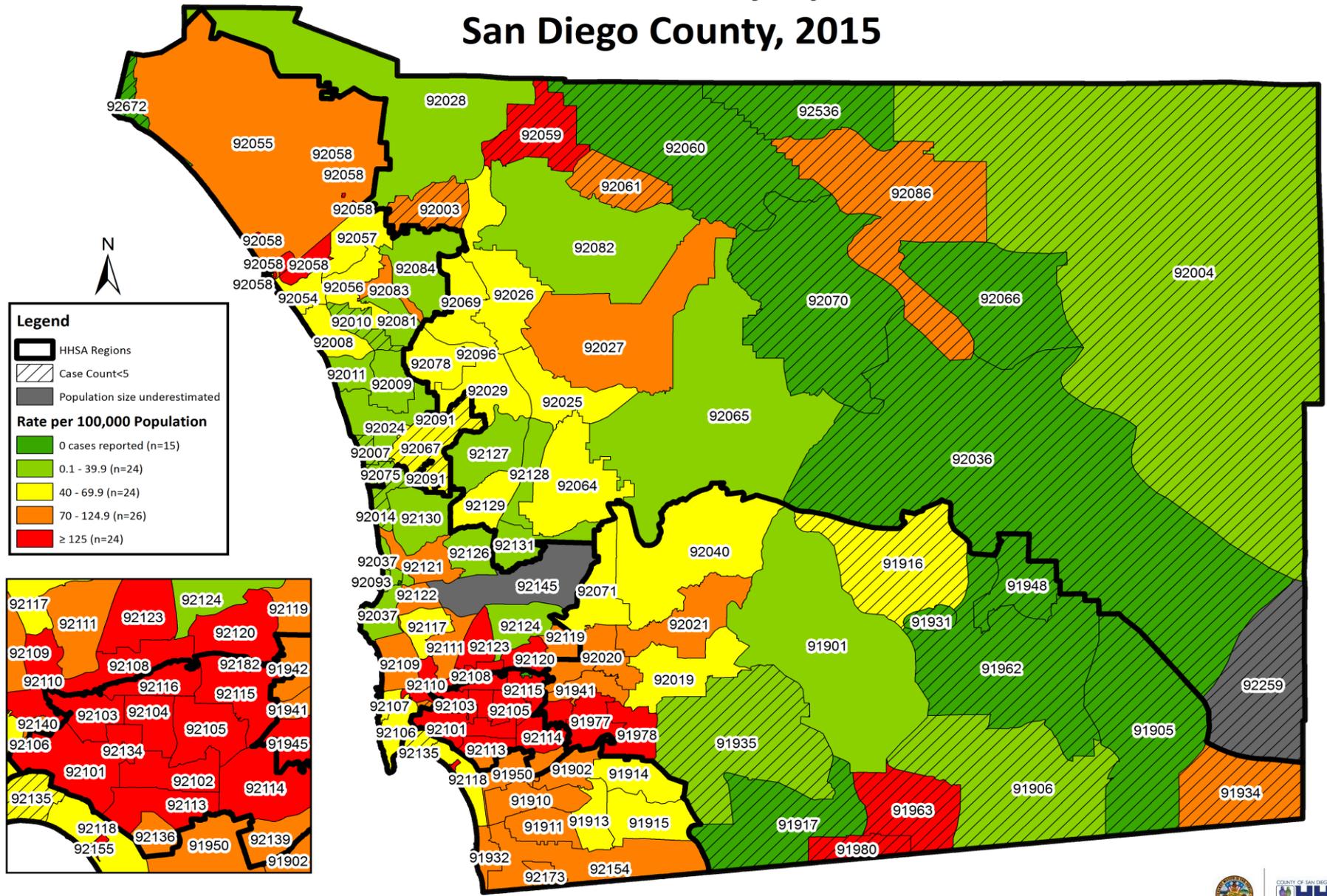
Note: 44.7% of cases are missing race/ethnicity data and are not included in rates above.

# Gonorrhea Cases by Reporting Facility Type San Diego County, 2015



# Gonorrhea Rates by Zip Code

## San Diego County, 2015



Note: Rate categories are different from the last iteration of this report  
 Source: County of San Diego, Health and Human Services Agency, HSHB (HIV, STD, Hepatitis Branch), CalREDIE Database  
 Map Date: June 10, 2016  
 Contact: Lawrence Wang

# Syphilis



LIVE WELL  
SAN DIEGO

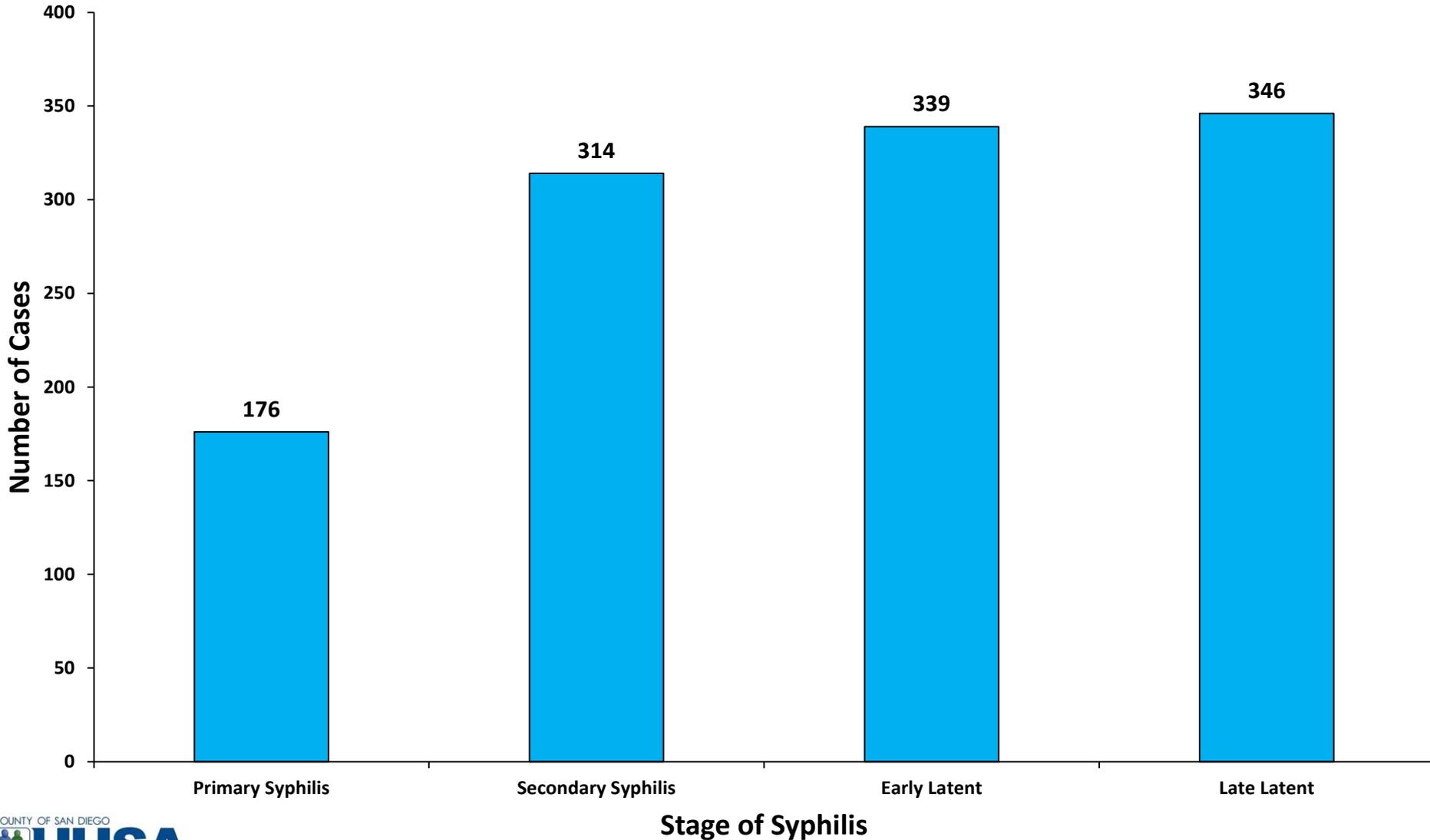
# Key Points

## Syphilis in San Diego County

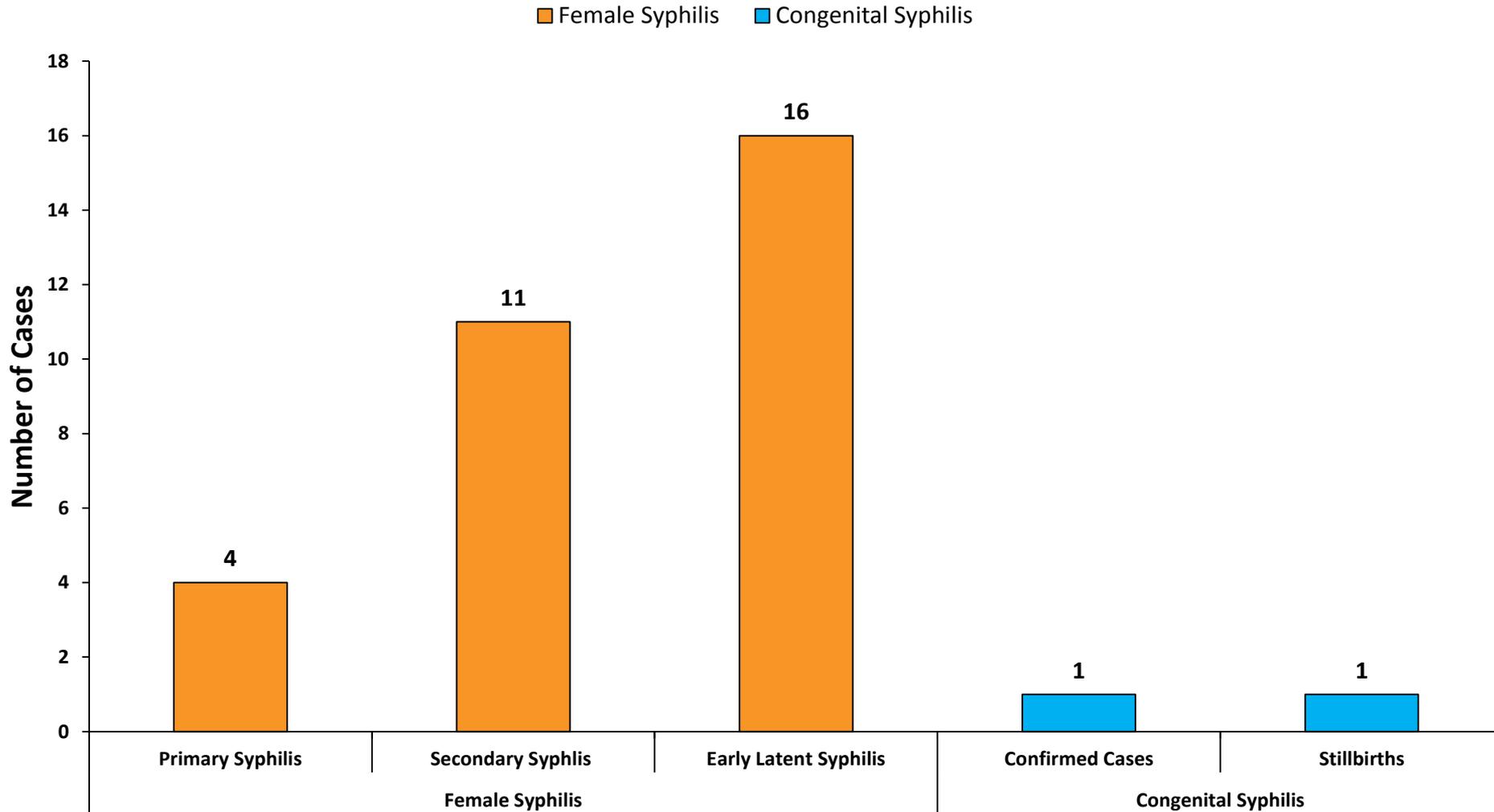
- Cases of primary and secondary syphilis increased 33% from 369 cases in 2014 to 490 cases in 2015.
- The majority of cases are male; 87% are men who have sex with men (MSM).
- Rates are highest among males aged 25 to 44 years.
- African Americans/blacks have the highest rate of infection; the rate of infection in African American/black males is 2.5 times that of white males.
- An estimated 48% of MSM primary and secondary syphilis cases are co-infected with HIV.



# Case Count by Stage of Syphilis San Diego County, 2015

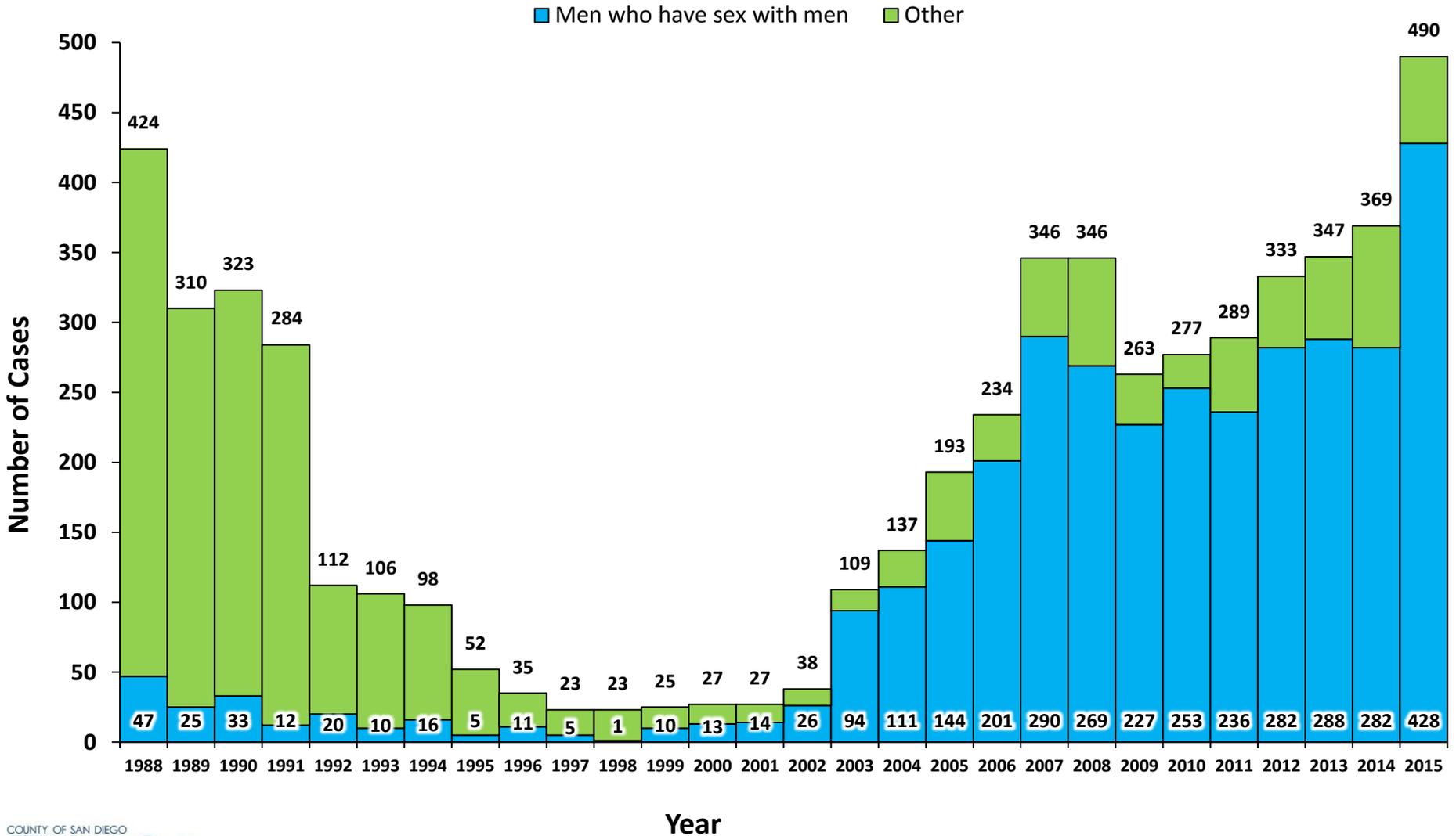


# Female and Congenital Syphilis Cases San Diego County, 2015



**Note:** For public health purposes, congenital syphilis is defined as an infant born to a mother with untreated or inadequately treated syphilis at the time of delivery. Only cases of confirmed neonatal or infant infection are reported here.

# Primary & Secondary Syphilis Cases by Year San Diego County, 1988 - 2015

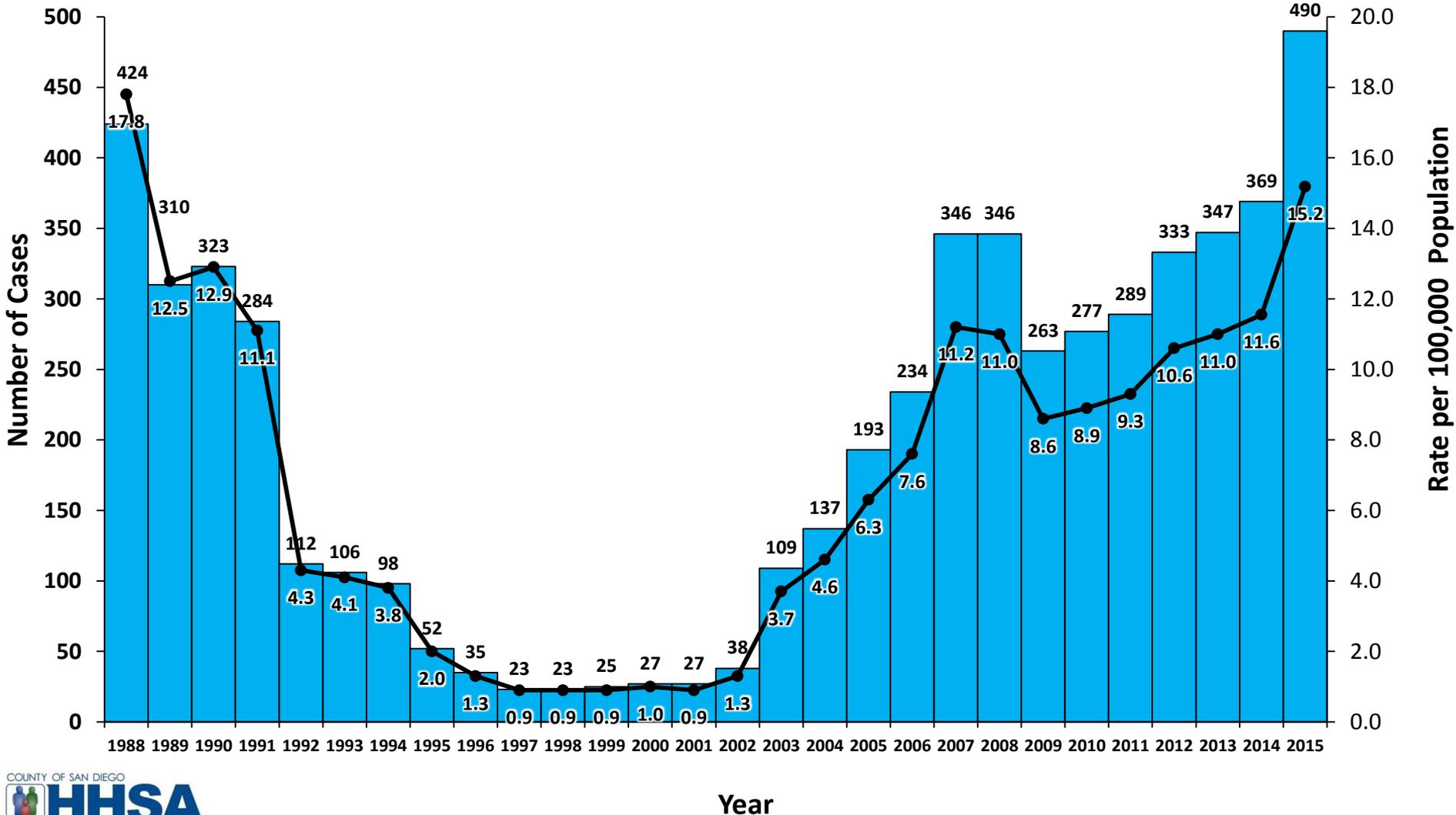


Note: The white-shaded numbers within the blue bars represent the number of cases in men who have sex with men per year. The numbers above the columns represents the total number of primary and secondary syphilis cases per year.

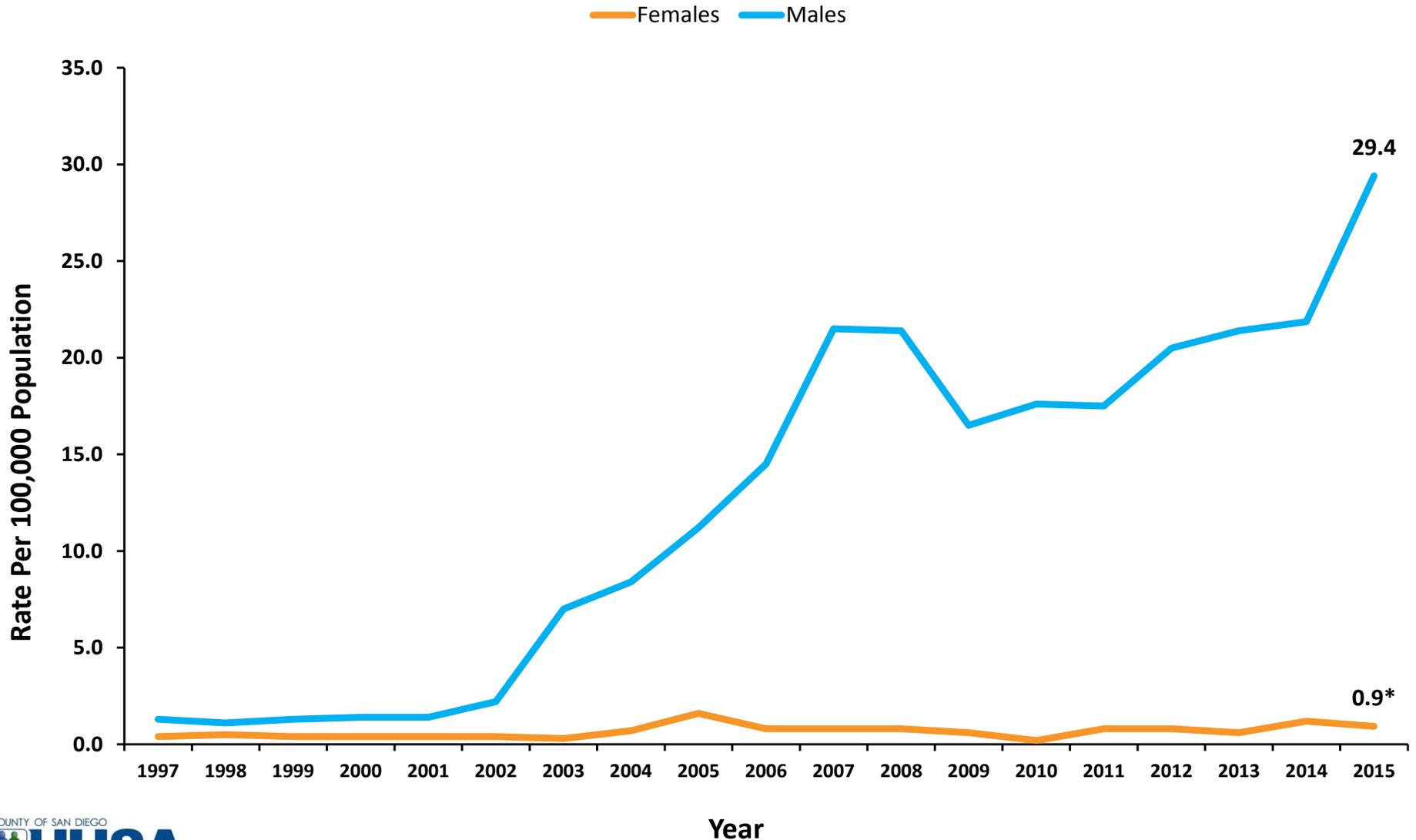
# Primary & Secondary Syphilis Cases and Rates by Year San Diego County, 1988 - 2015



■ Cases    ● Rate per 100,000 population

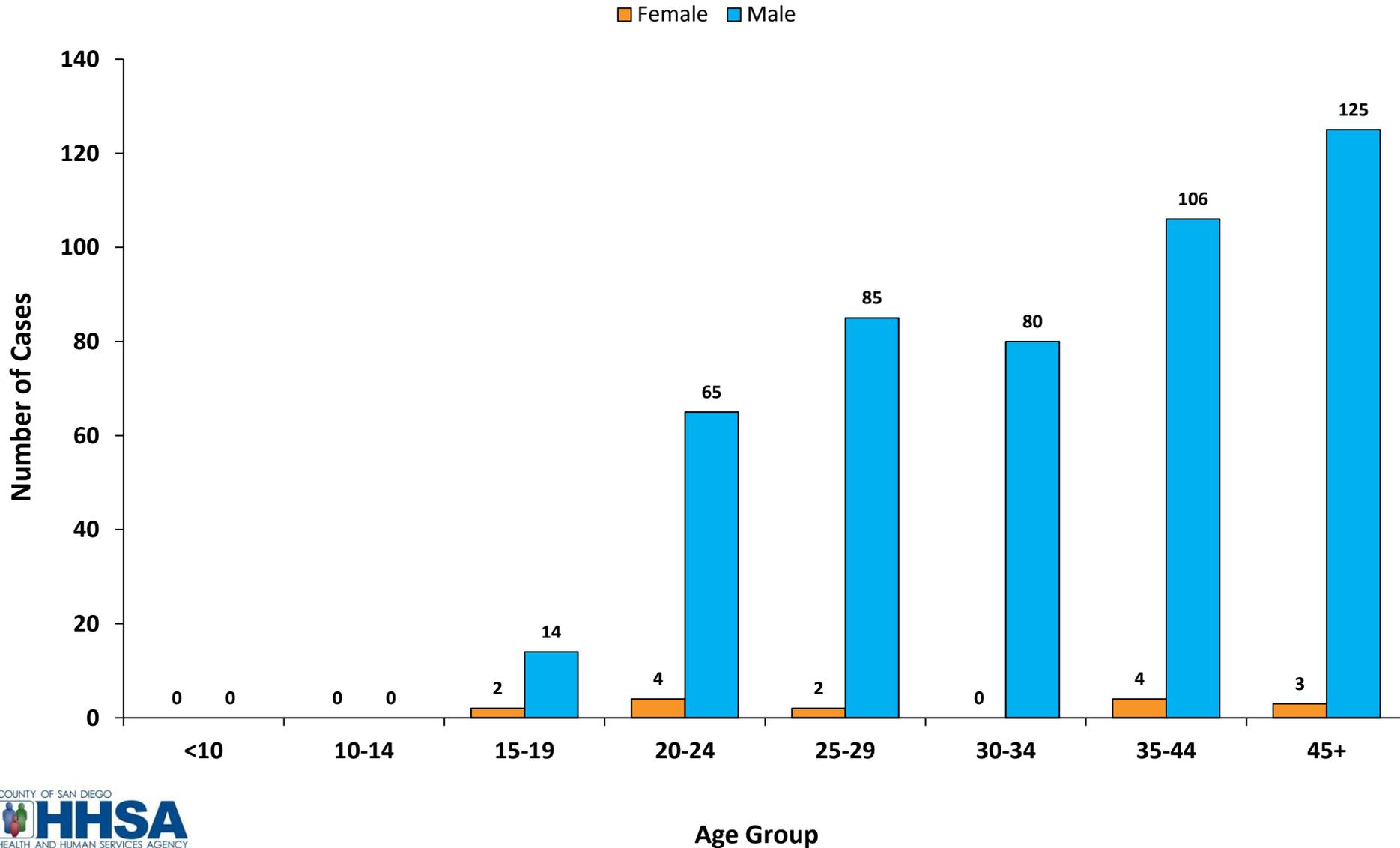


# Primary & Secondary Syphilis Rates by Gender and Year San Diego County, 1997 - 2015

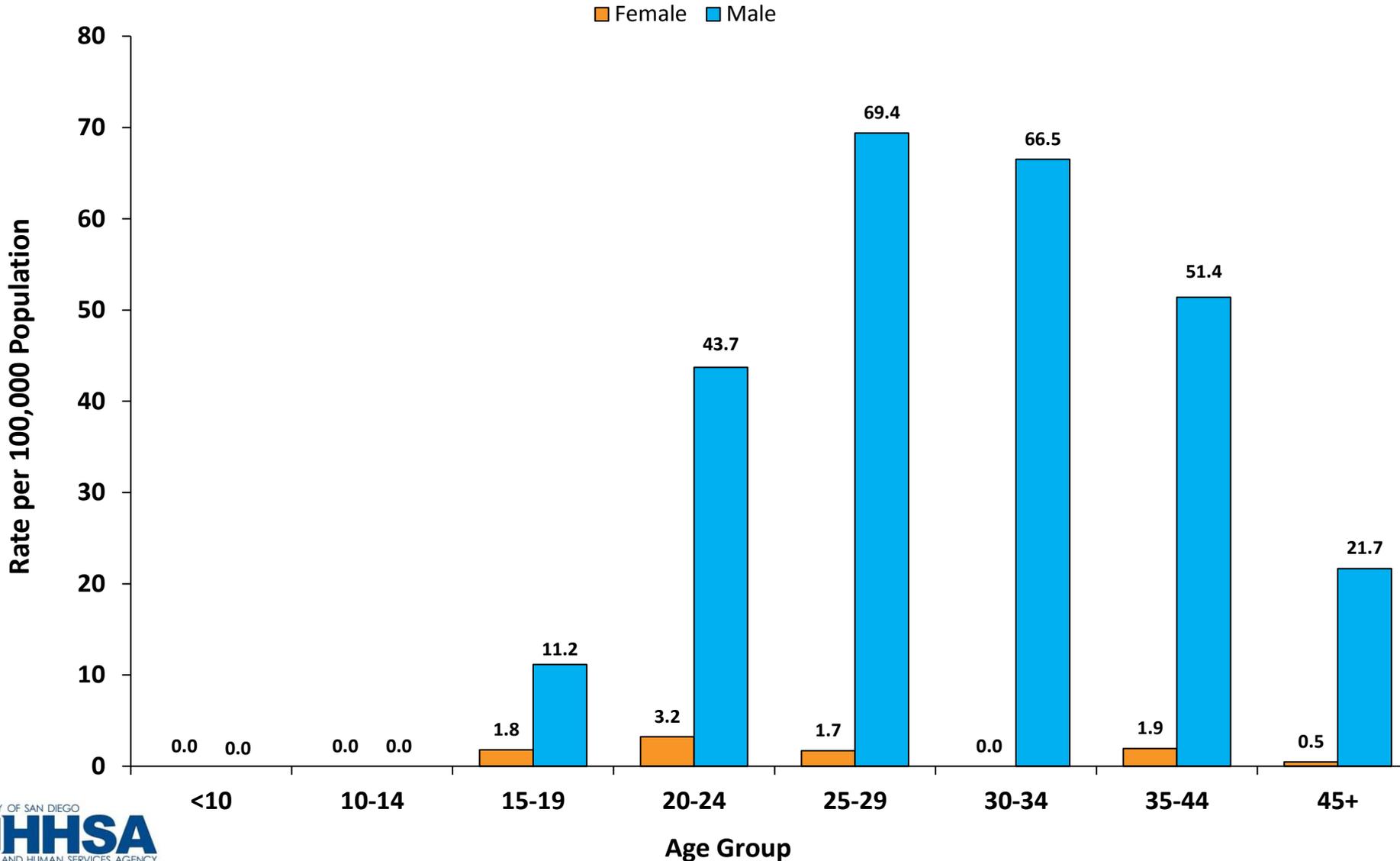


\* Between 2014 and 2015 the female primary and secondary syphilis rate decreased by 22% and the number of cases decreased by 21%.

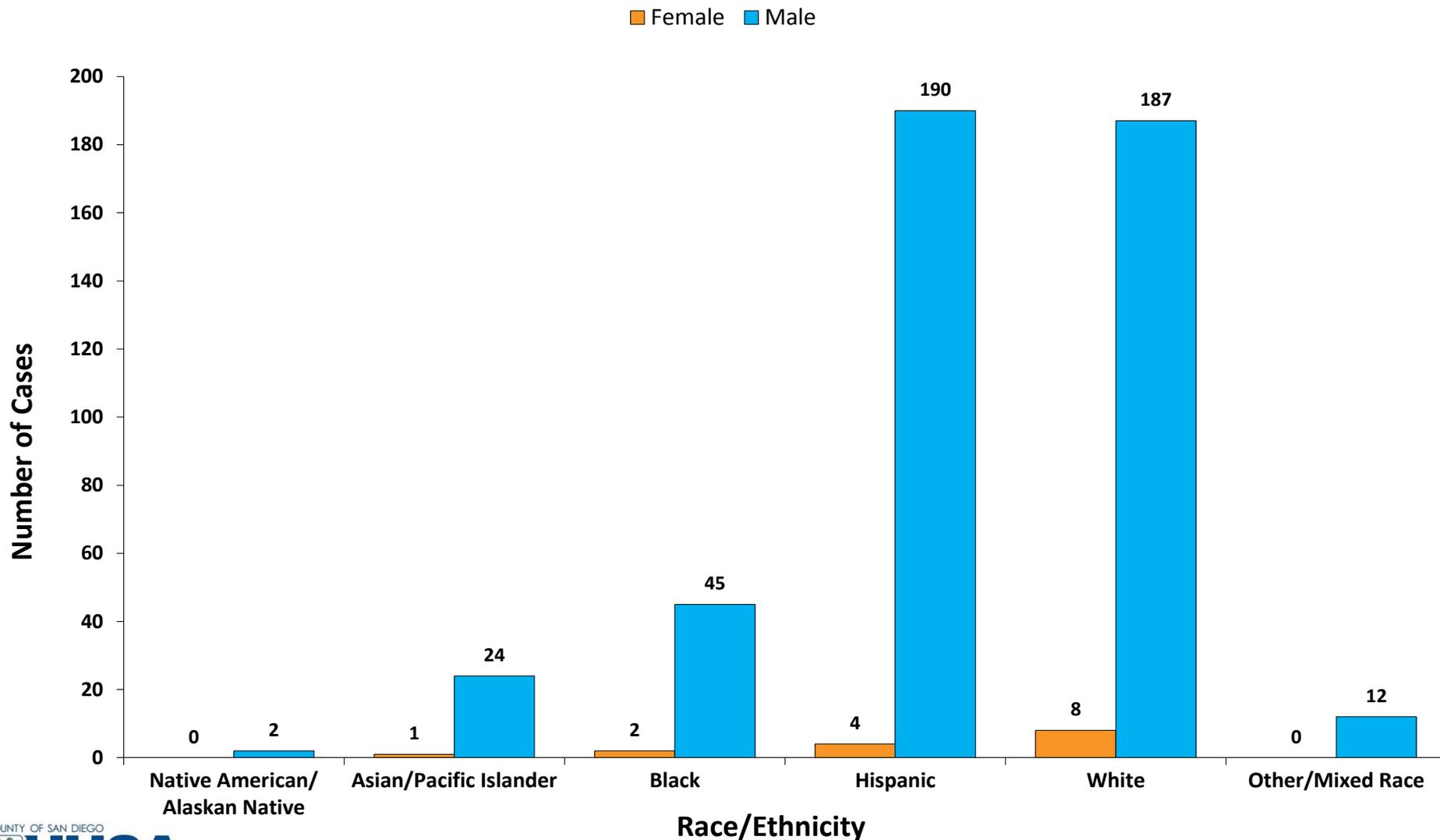
# Primary & Secondary Syphilis Cases by Gender and Age San Diego County, 2015



# Primary & Secondary Syphilis Rates by Gender and Age San Diego County, 2015

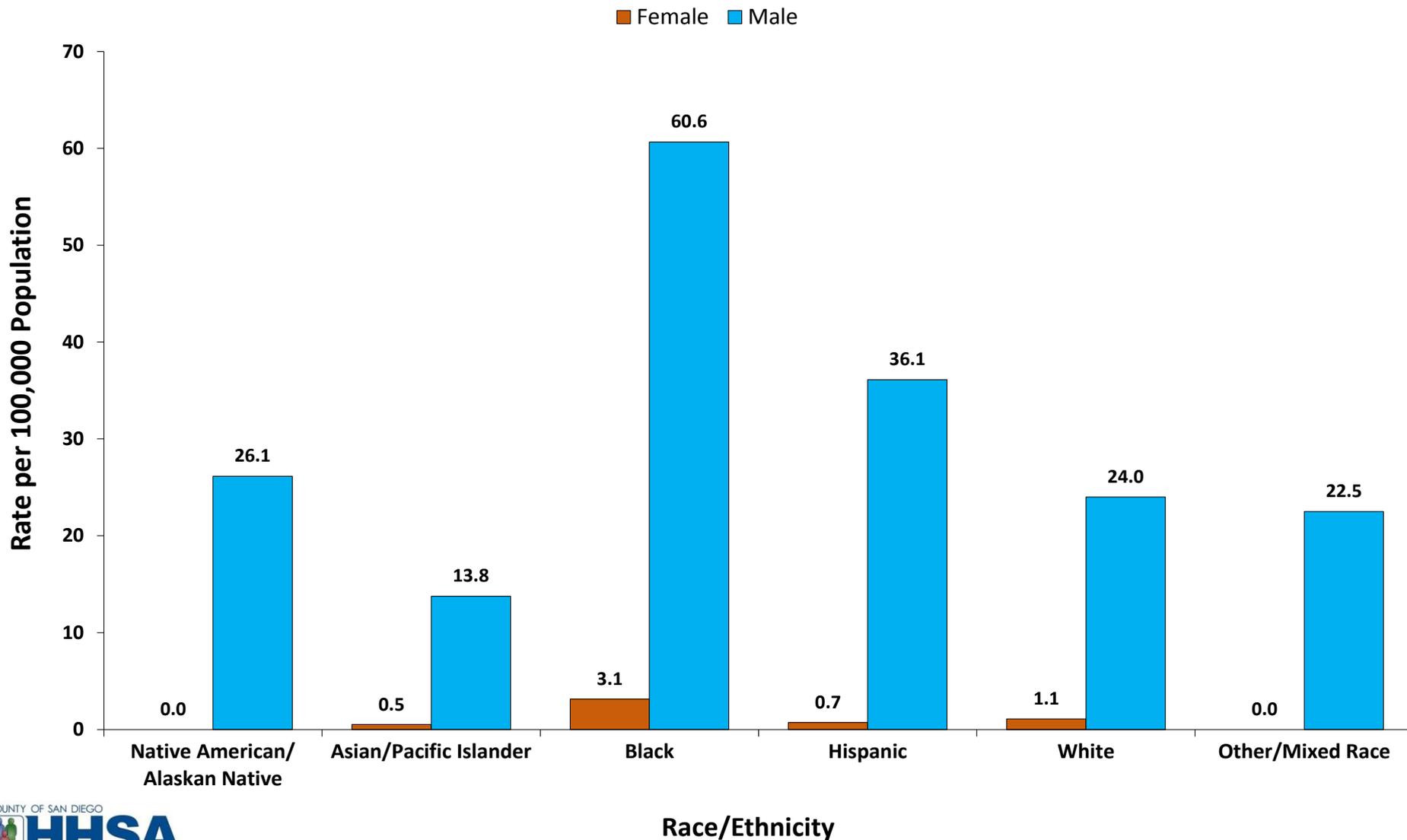


# Primary & Secondary Syphilis Cases by Gender and Race/Ethnicity San Diego County, 2015



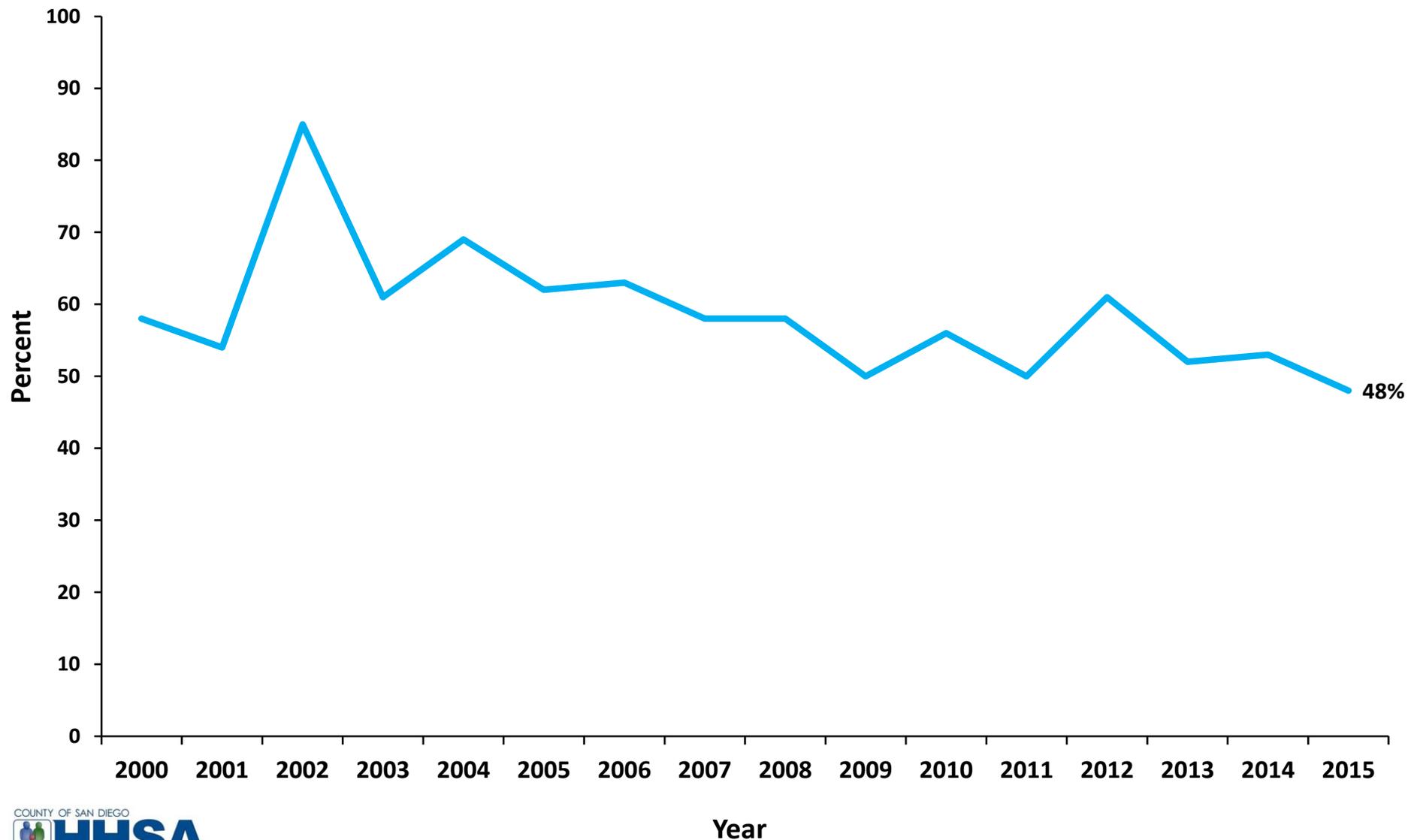
Note: Excludes 15 cases missing race/ethnicity information.

# Primary & Secondary Syphilis Rates by Gender and Race/Ethnicity San Diego County, 2015



Note: Rates exclude 15 cases missing race/ethnicity information

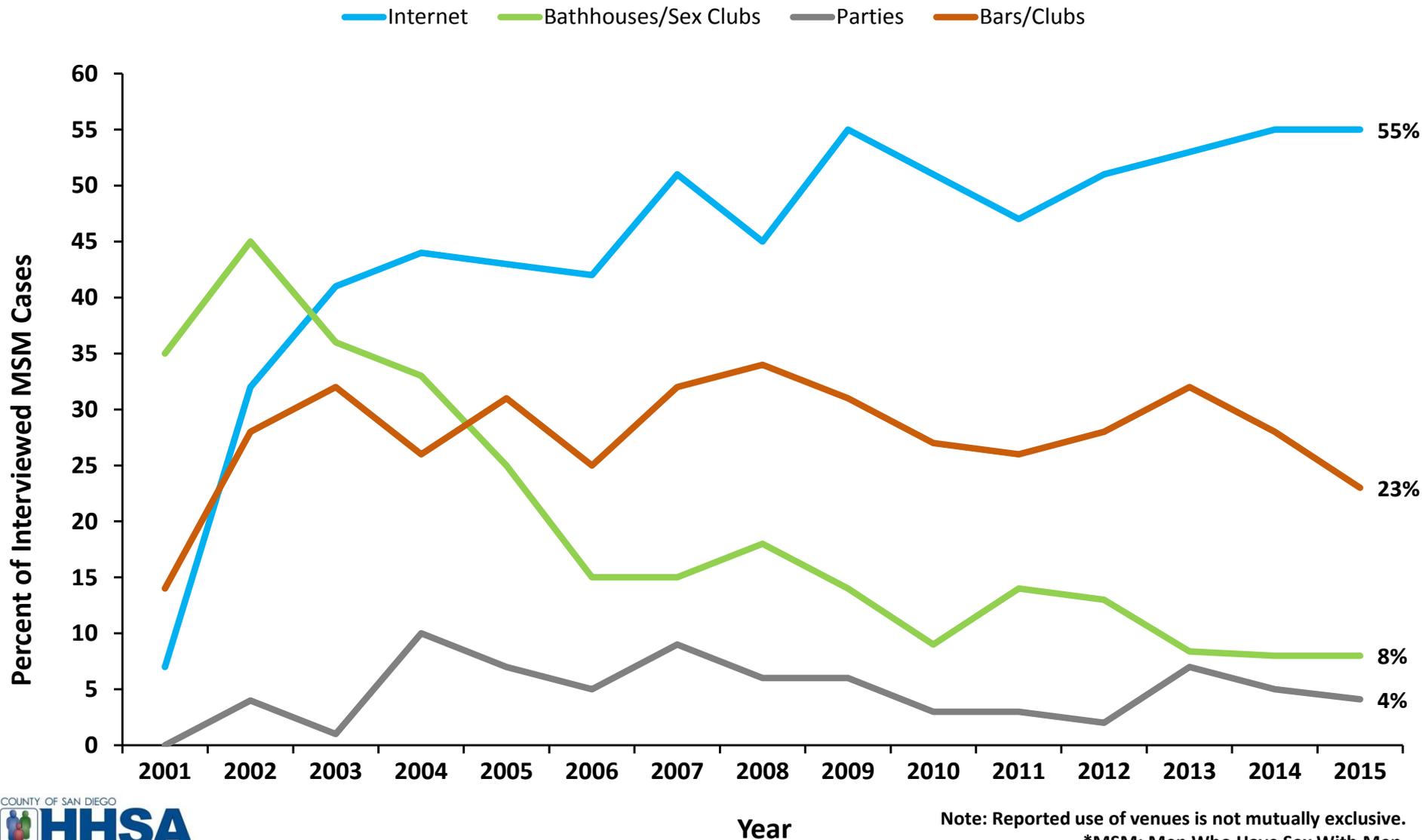
# MSM\* Primary & Secondary Syphilis Cases Co-Infected with HIV by Year San Diego County, 2000 - 2015



# Meeting Venues Among Interviewed MSM\*

## Primary & Secondary Syphilis Cases

### San Diego County, 2001 - 2015

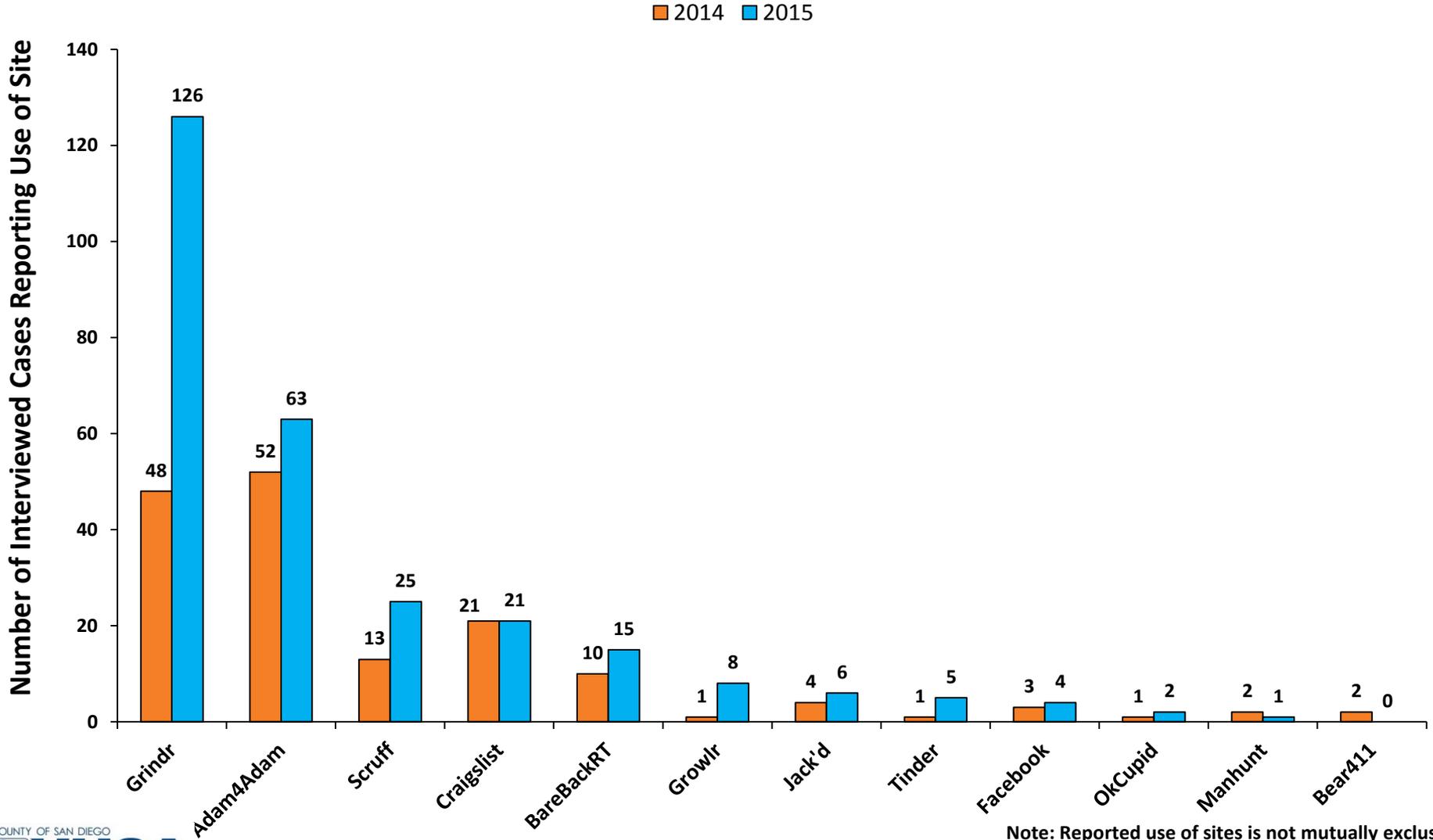


Note: Reported use of venues is not mutually exclusive.  
 \*MSM: Men Who Have Sex With Men.

# Reported Use of Internet-Based Services\*\*

## Among Primary & Secondary MSM\* Syphilis Cases

### San Diego County, 2014 – 2015



Note: Reported use of sites is not mutually exclusive.

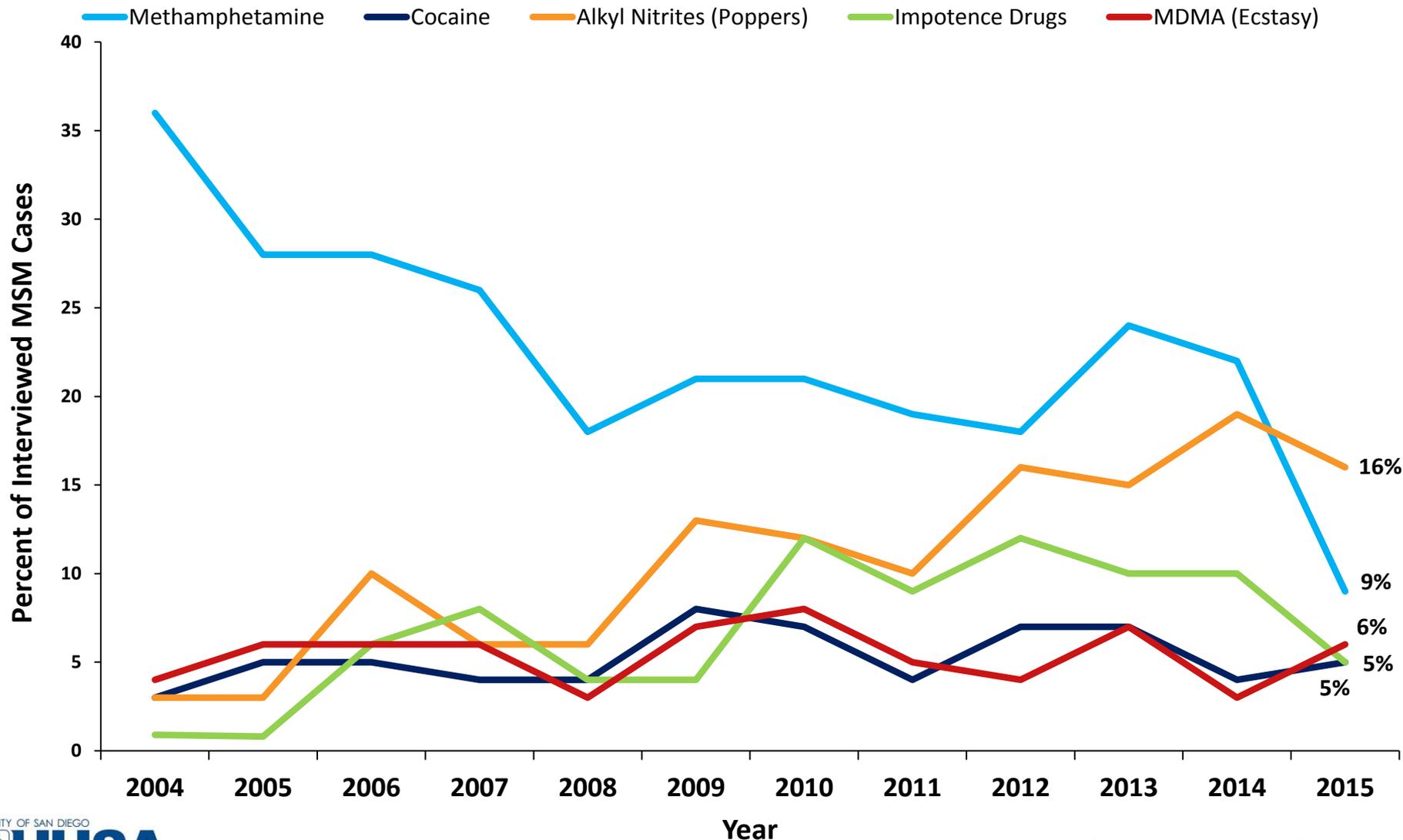
\*MSM: Men who have sex with men.

\*\* Included websites have been used by at least 2 MSM cases per year in 2013 or 2014.

# Reported Substance Use of Interviewed MSM\*

## Primary & Secondary Syphilis Cases by Year

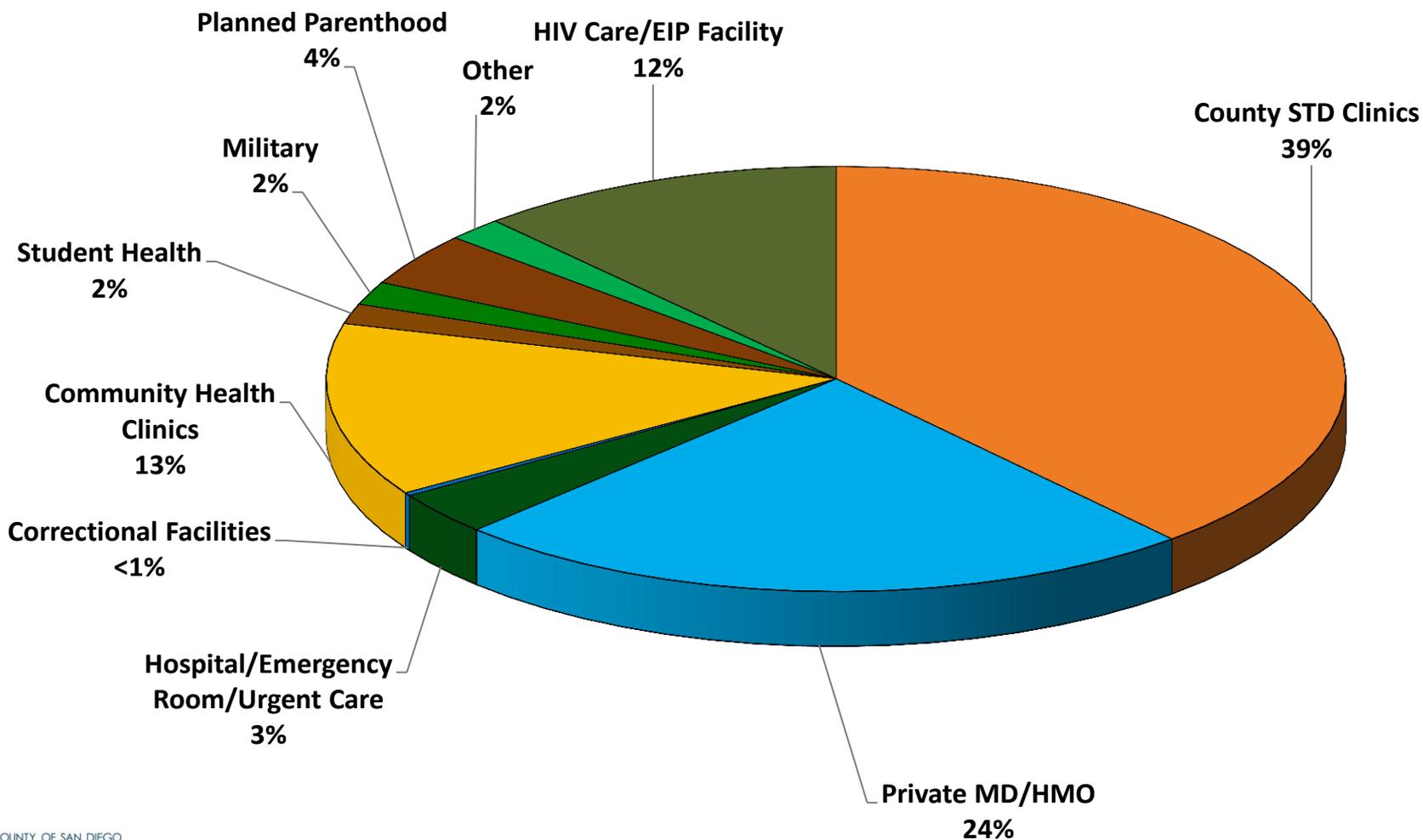
### San Diego County, 2004 - 2015



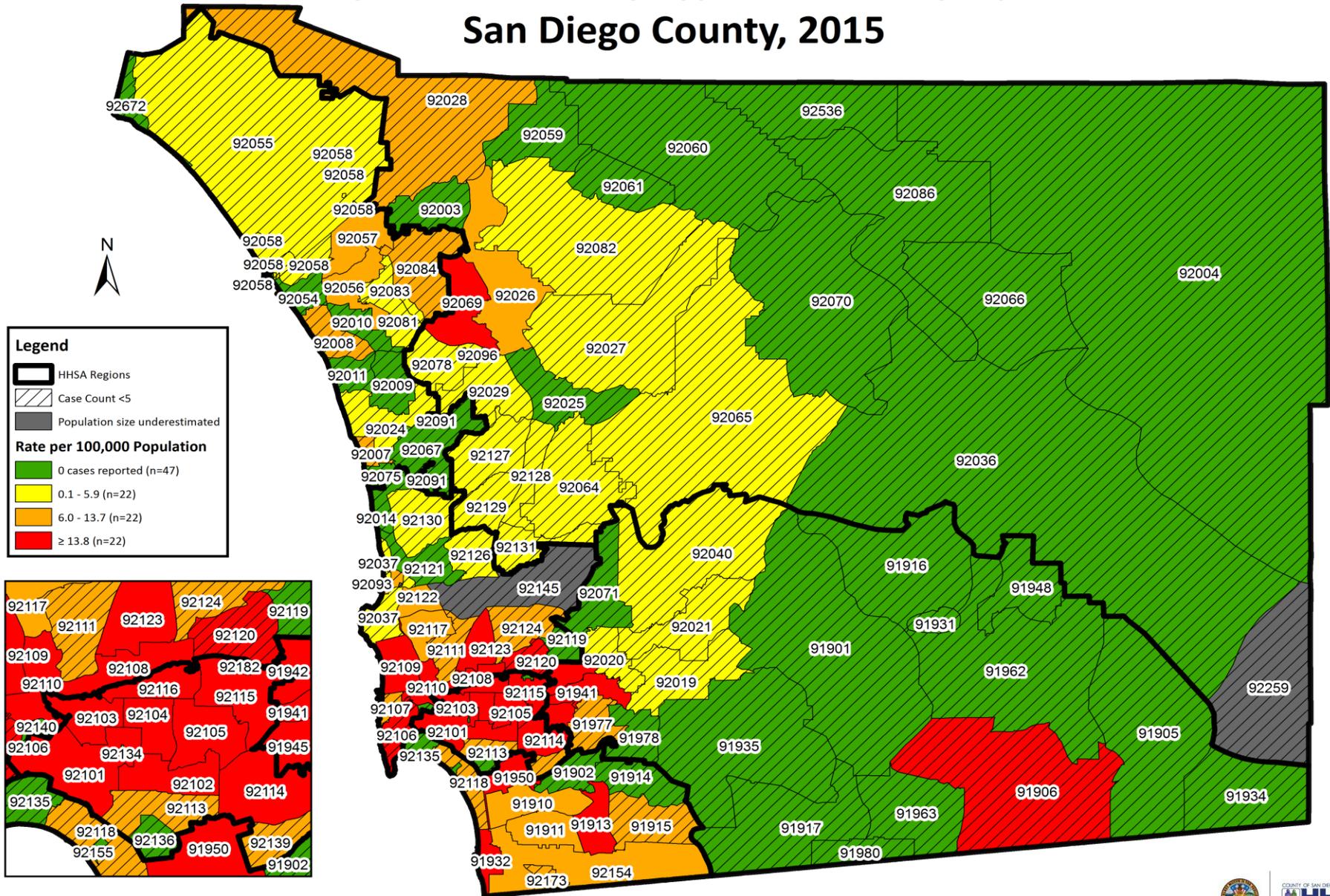
Note: Reported substances are not mutually exclusive.

\*MSM: Men Who Have Sex With Men.

# Primary & Secondary Syphilis Cases by Reporting Facility Type San Diego County, 2015



# Primary and Secondary Syphilis Rates by Zip Code San Diego County, 2015



Note: Rate categories are different from the last iteration of this report

Source: County of San Diego, Health and Human Services Agency, HSHB (HIV, STD, Hepatitis Branch), CalREDIE Database

Map Date: June 10, 2016

Contact: Lawrence Wang