



SEXUALLY TRANSMITTED DISEASES IN SAN DIEGO COUNTY 2016 DATA SLIDES

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

*July 2017
www.STDSanDiego.org*





Preface

This publication, *Sexually Transmitted Diseases in San Diego County, 2016 Data Slides*, includes reported disease data collected through 2016 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.

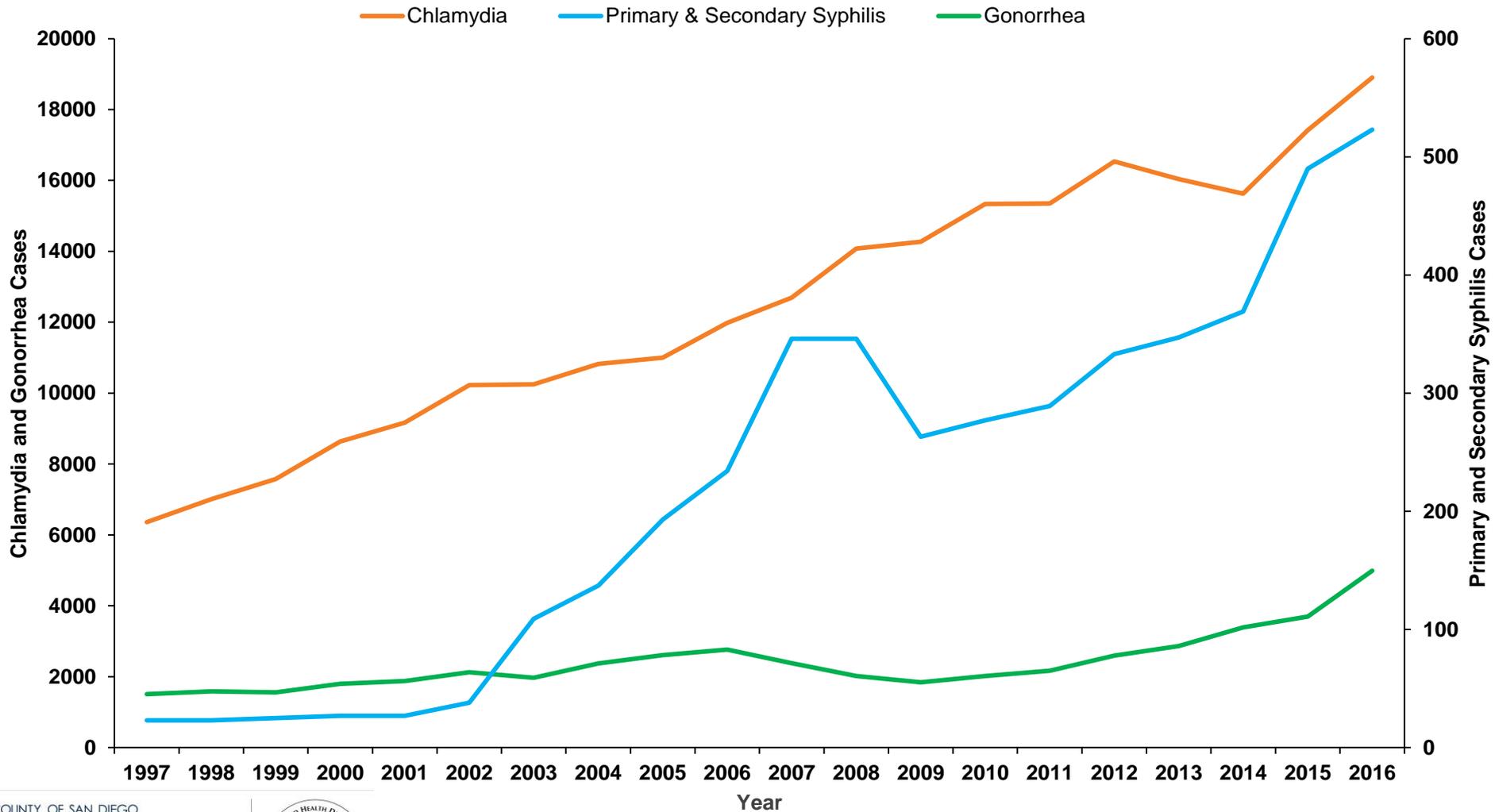
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Suggested Citation

County of San Diego, Health and Human Services Agency, Division of Public Health Services, HIV, STD and Hepatitis Branch. July 2017. *Sexually Transmitted Diseases in San Diego County, 2016 Data Slides*. Accessed MM/DD/YY from www.STDSanDiego.org.

STDs Reported Among San Diego County Residents, 1997 – 2016



Note: Scale for syphilis is on the right.

Chlamydia



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Key Points

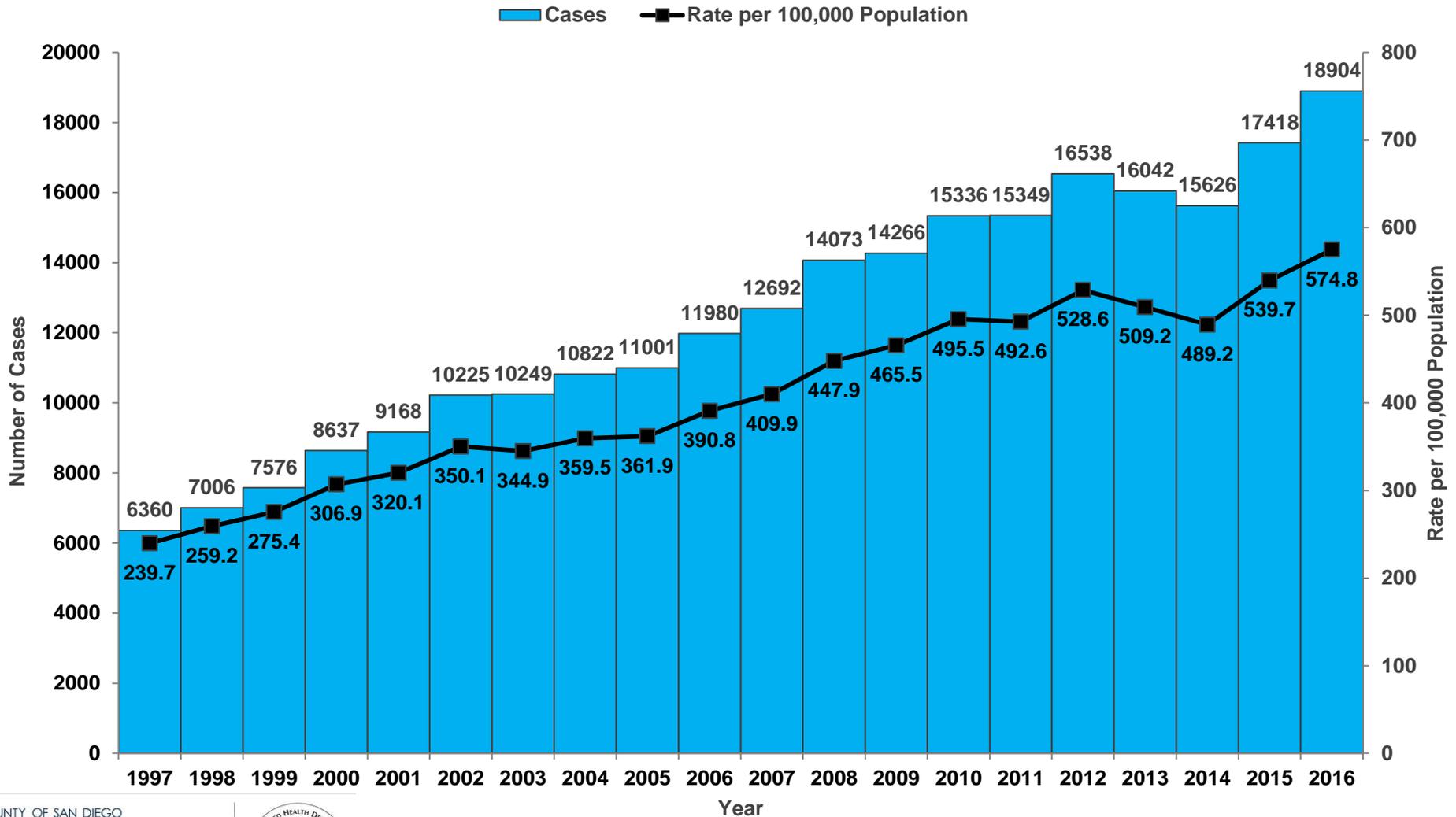
Chlamydia in San Diego County

- Chlamydia is the most commonly reported communicable disease in San Diego County and in California.
- Cases of chlamydia increased by 8.5% from 17,418 cases in 2015 to 18,904 cases in 2016.
- The rate of chlamydia in women is 1.6 times the rate in men.
- Young women, aged 20 to 24 years, have the highest rates of infection.

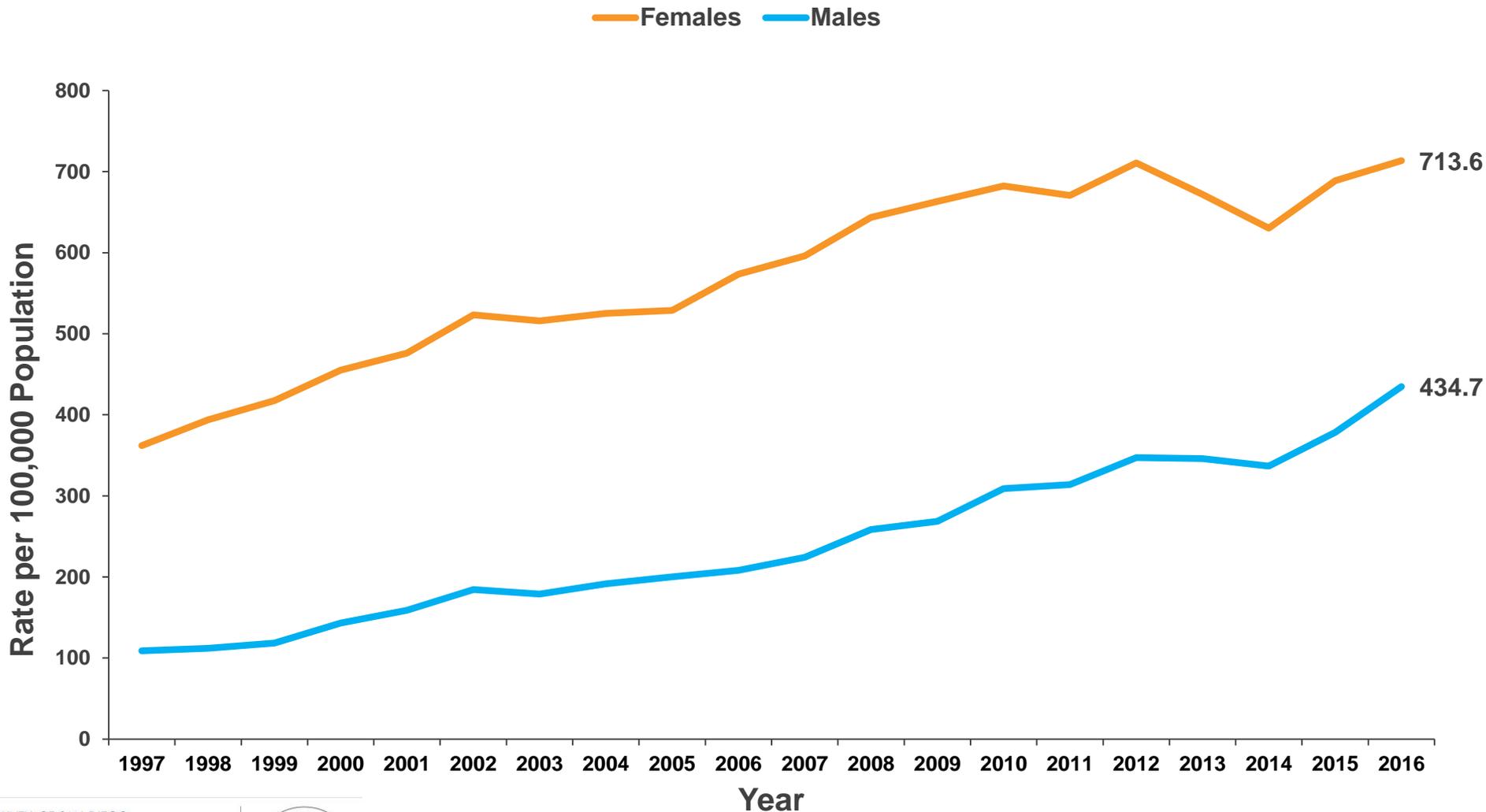


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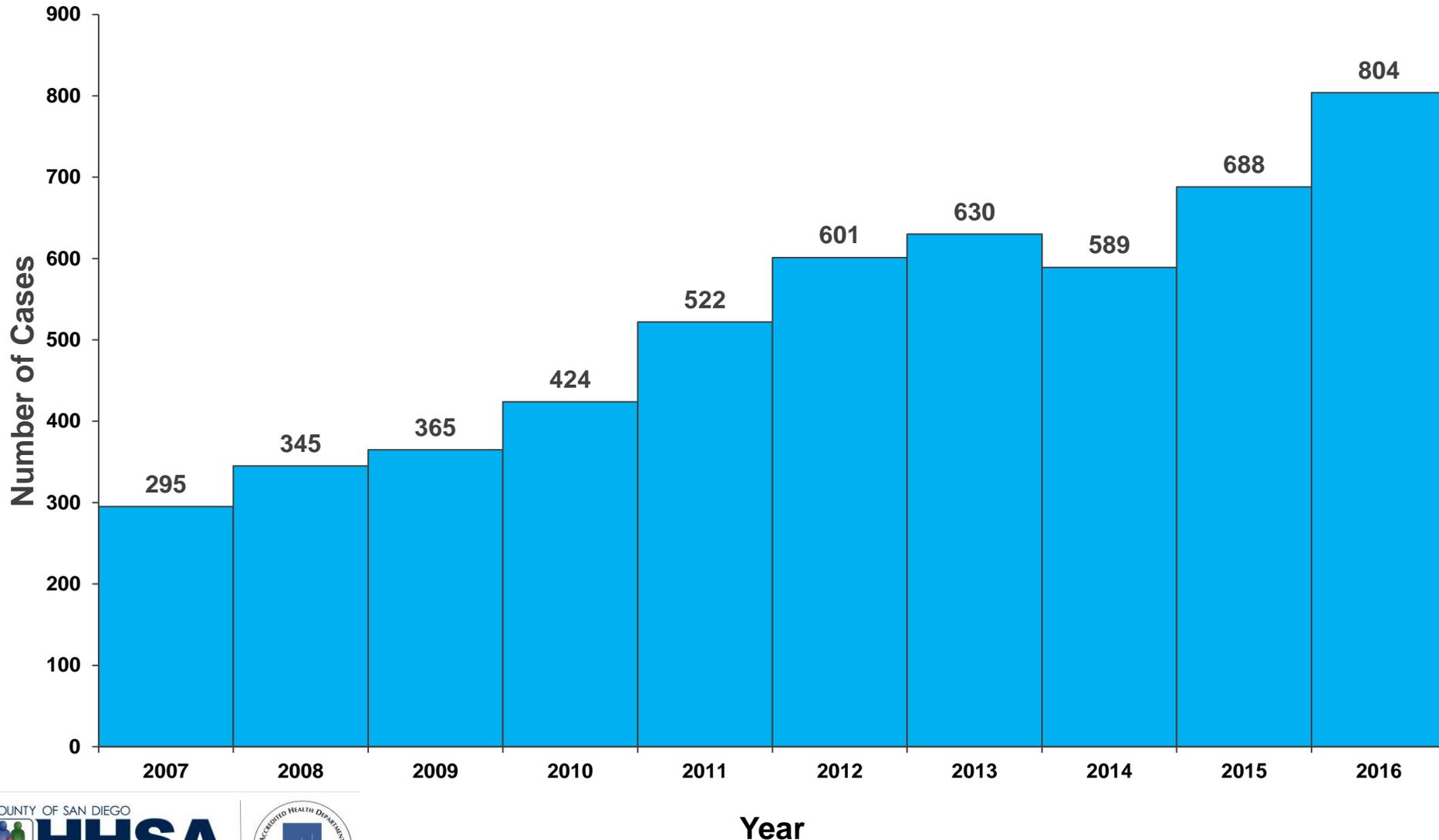
Chlamydia Cases and Rates by Year San Diego County, 1997 - 2016



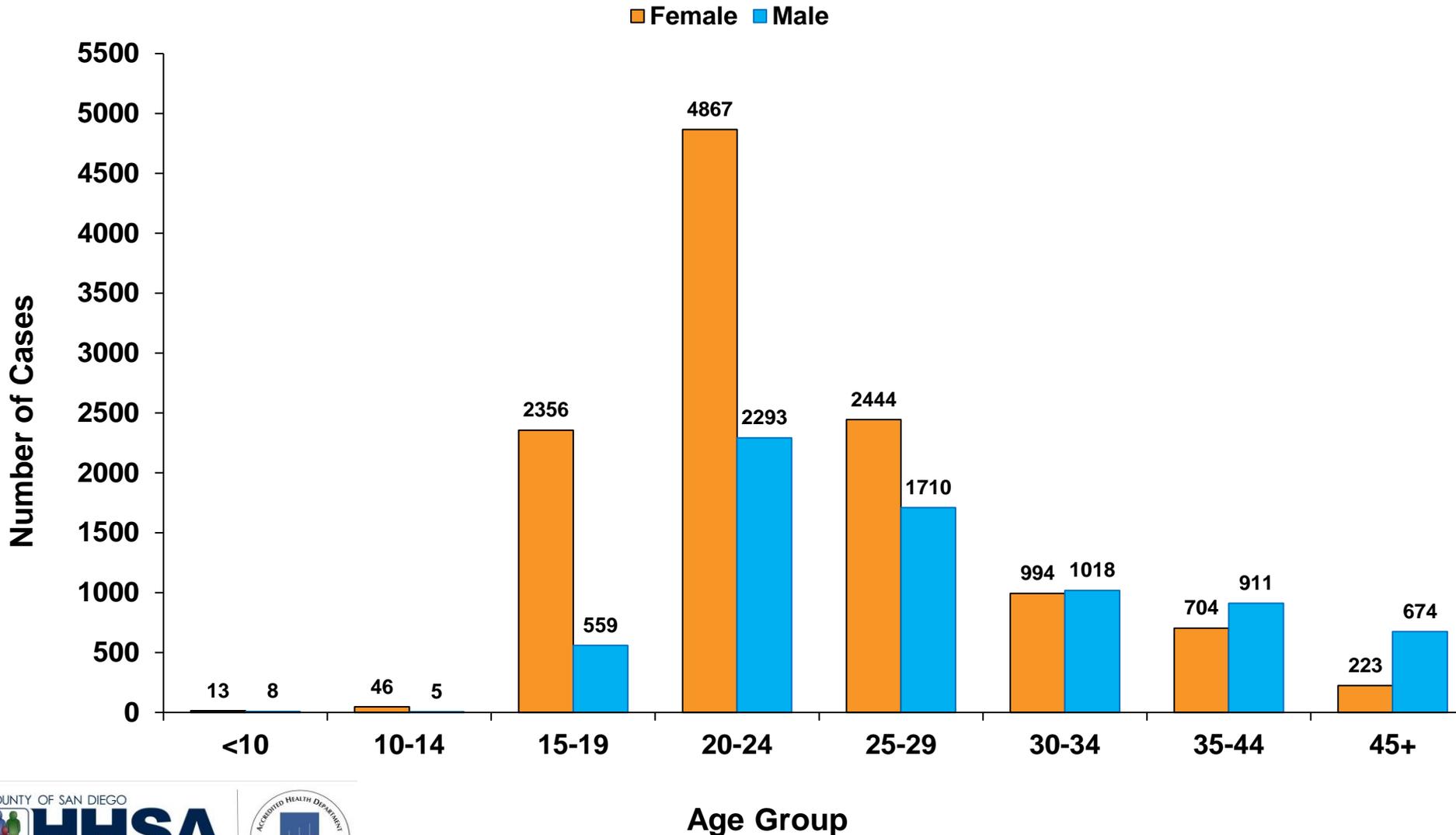
Chlamydia Rates by Gender and Year San Diego County, 1997 - 2016



Rectal or Pharyngeal Chlamydia Infections in Males San Diego County, 2007 - 2016

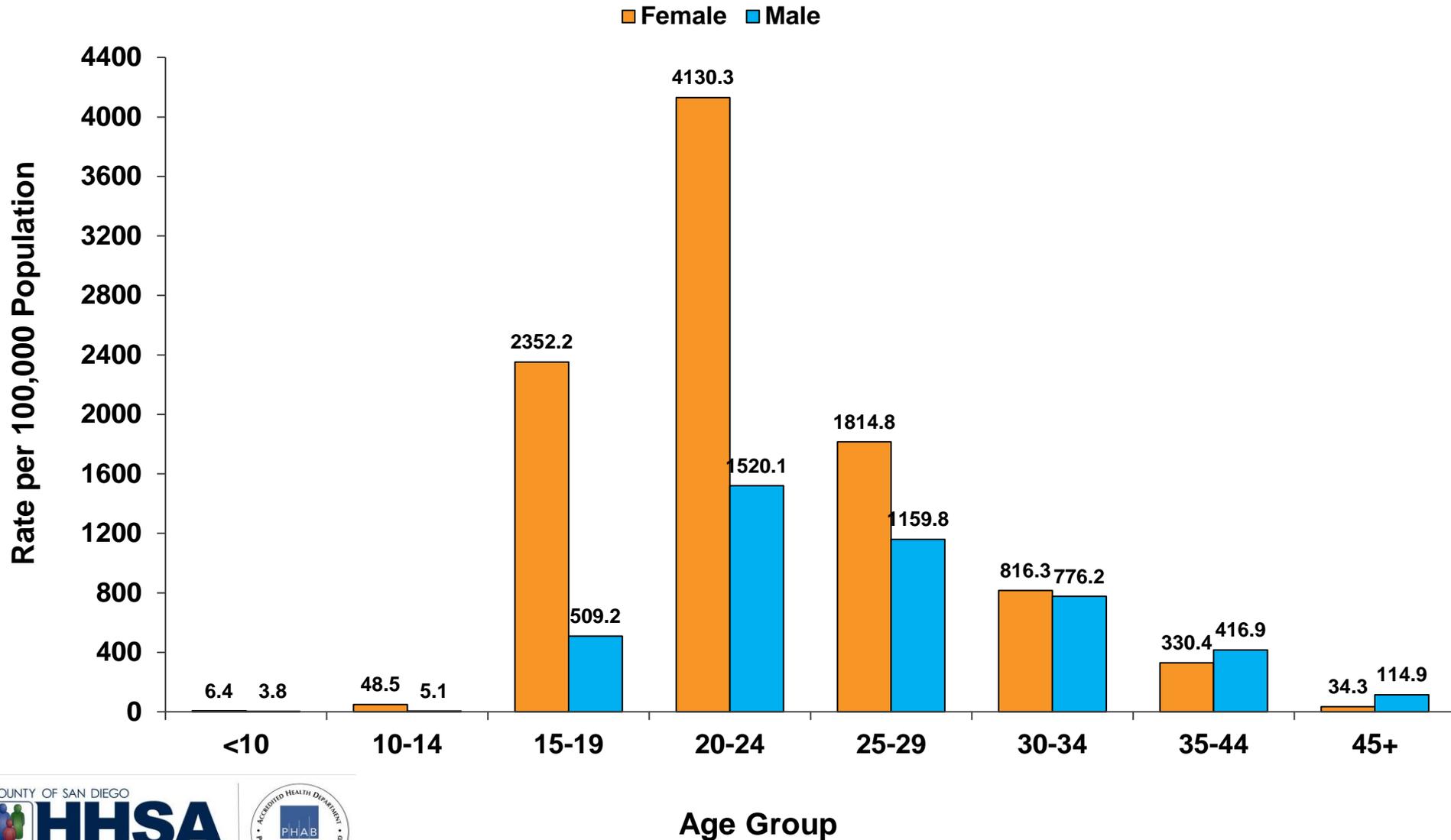


Chlamydia Cases by Gender and Age San Diego County, 2016



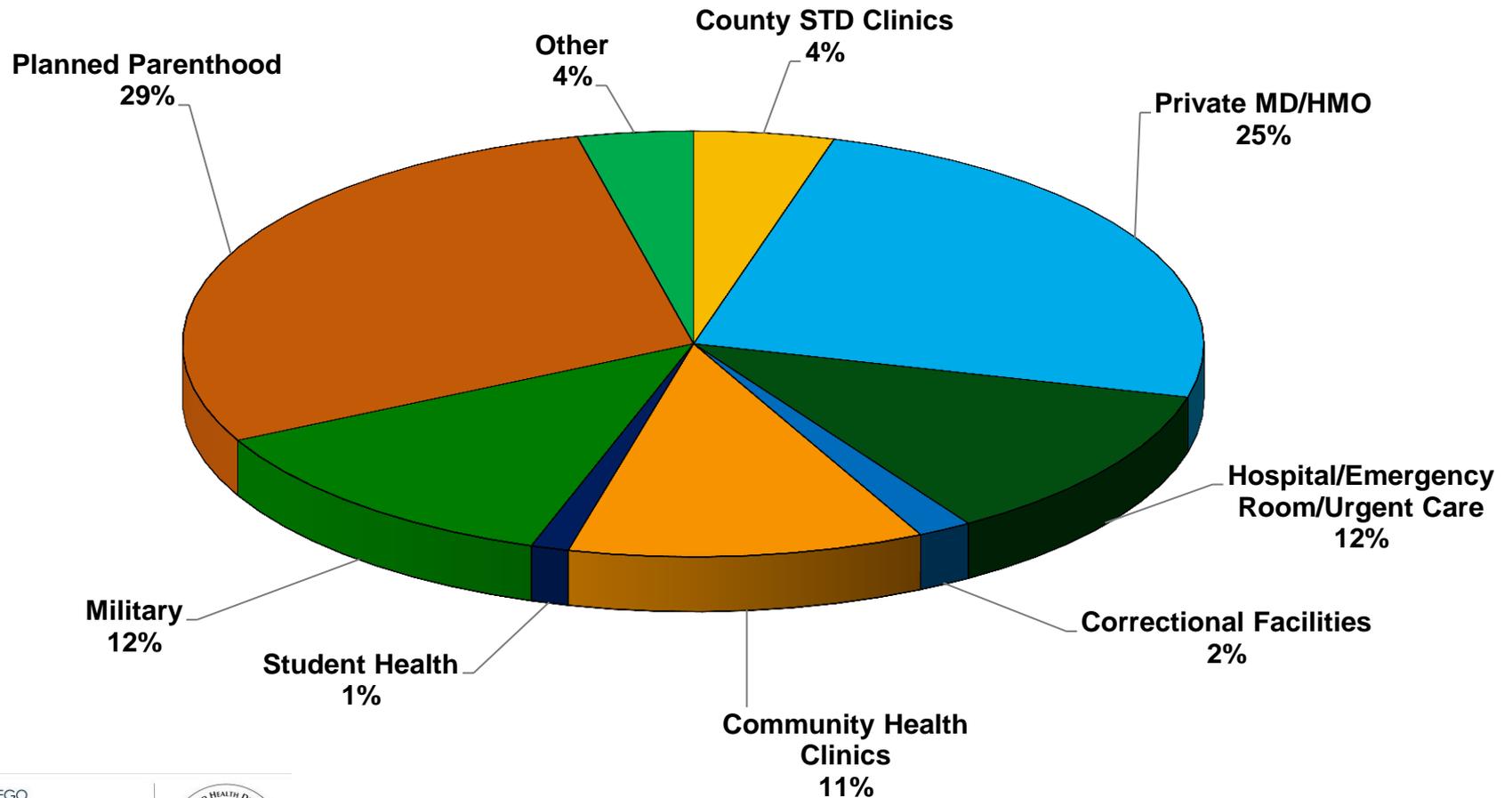
Note: 49 cases were missing gender information, and 30 were missing age information.

Chlamydia Rates by Gender and Age San Diego County, 2016



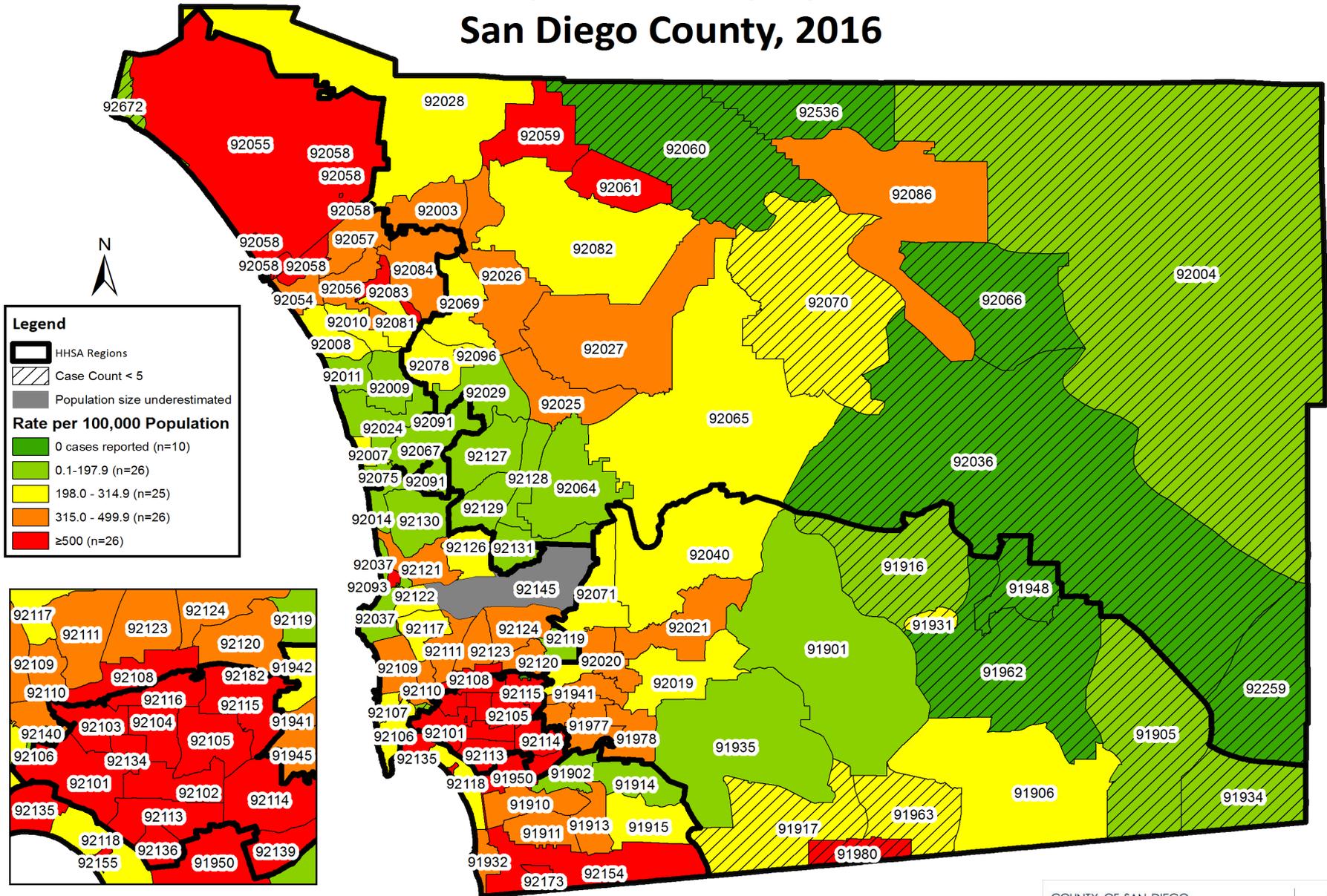
Note: Rates exclude 79 cases missing gender or age information.

Chlamydia Cases by Reporting Facility Type San Diego County, 2016



Note: 969 cases were missing provider type information.

Chlamydia Rates by Zip Code San Diego County, 2016



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

Map Date: June 10, 2017

Contact: Lawrence Wang



Gonorrhea



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Key Points

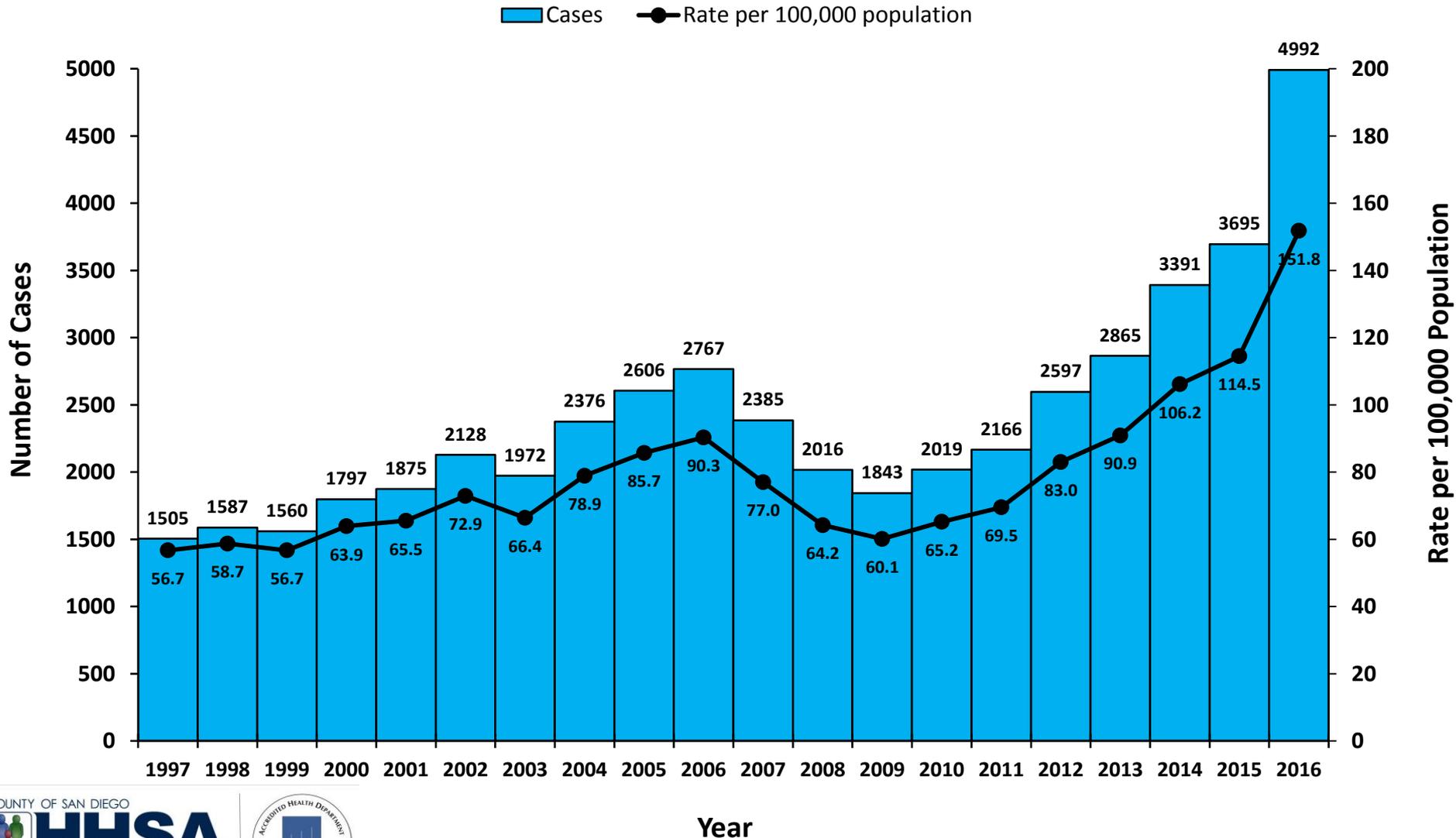
Gonorrhea in San Diego County

- Cases of gonorrhea increased by 35% from 3,695 cases in 2015 to 4,992 cases in 2016.
- The rate of gonorrhea in males is more than twice the rate in females.
- Men aged 25 to 29 years have the highest rate of infection at 548 cases per 100,000.
- The rate of gonorrhea in African American/black males is 4.1 times that of white males; the rate of infection in African American/black females is 5.8 times that of white females.

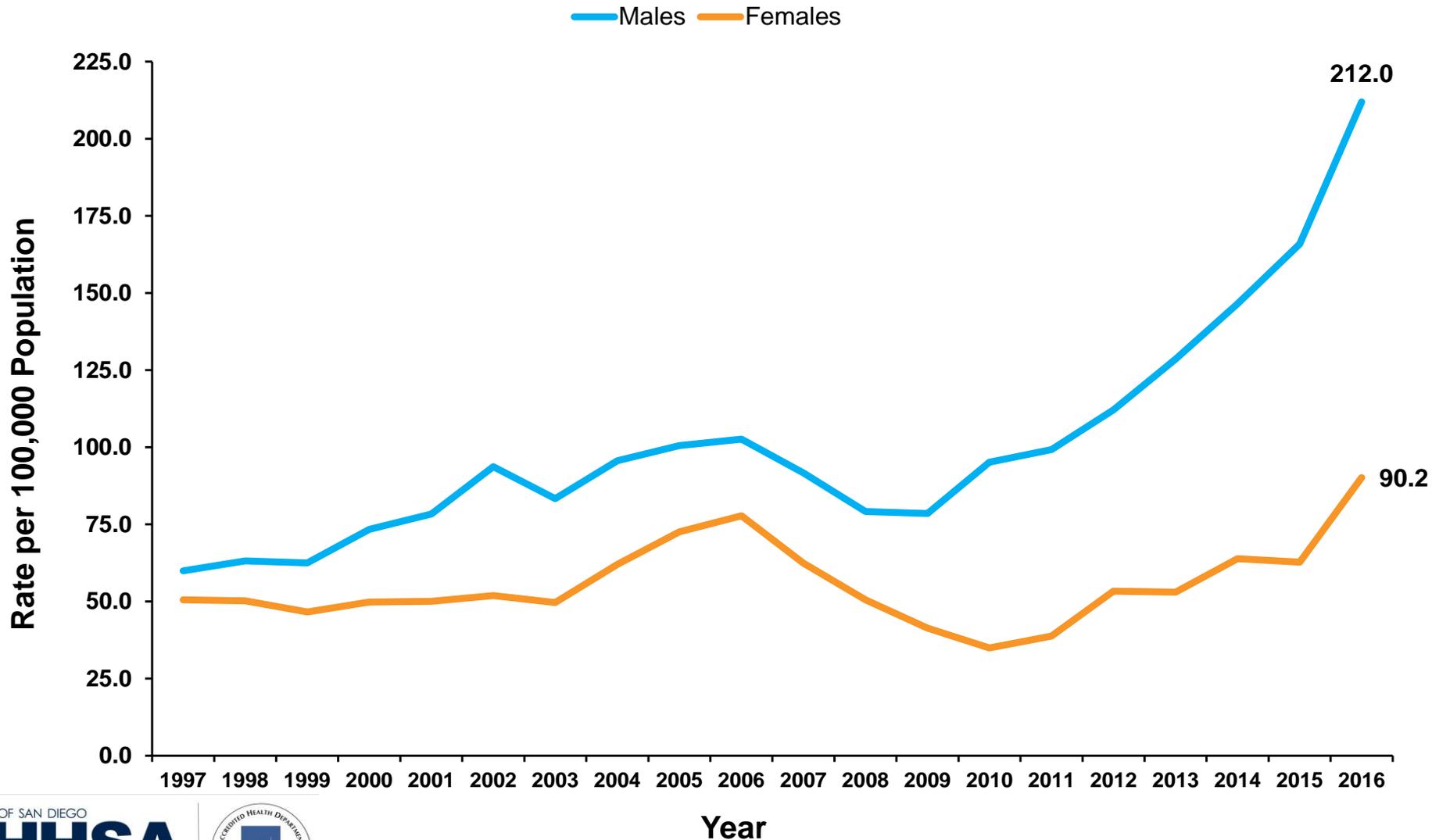


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Gonorrhea Cases and Rates by Year San Diego County, 1997 - 2016

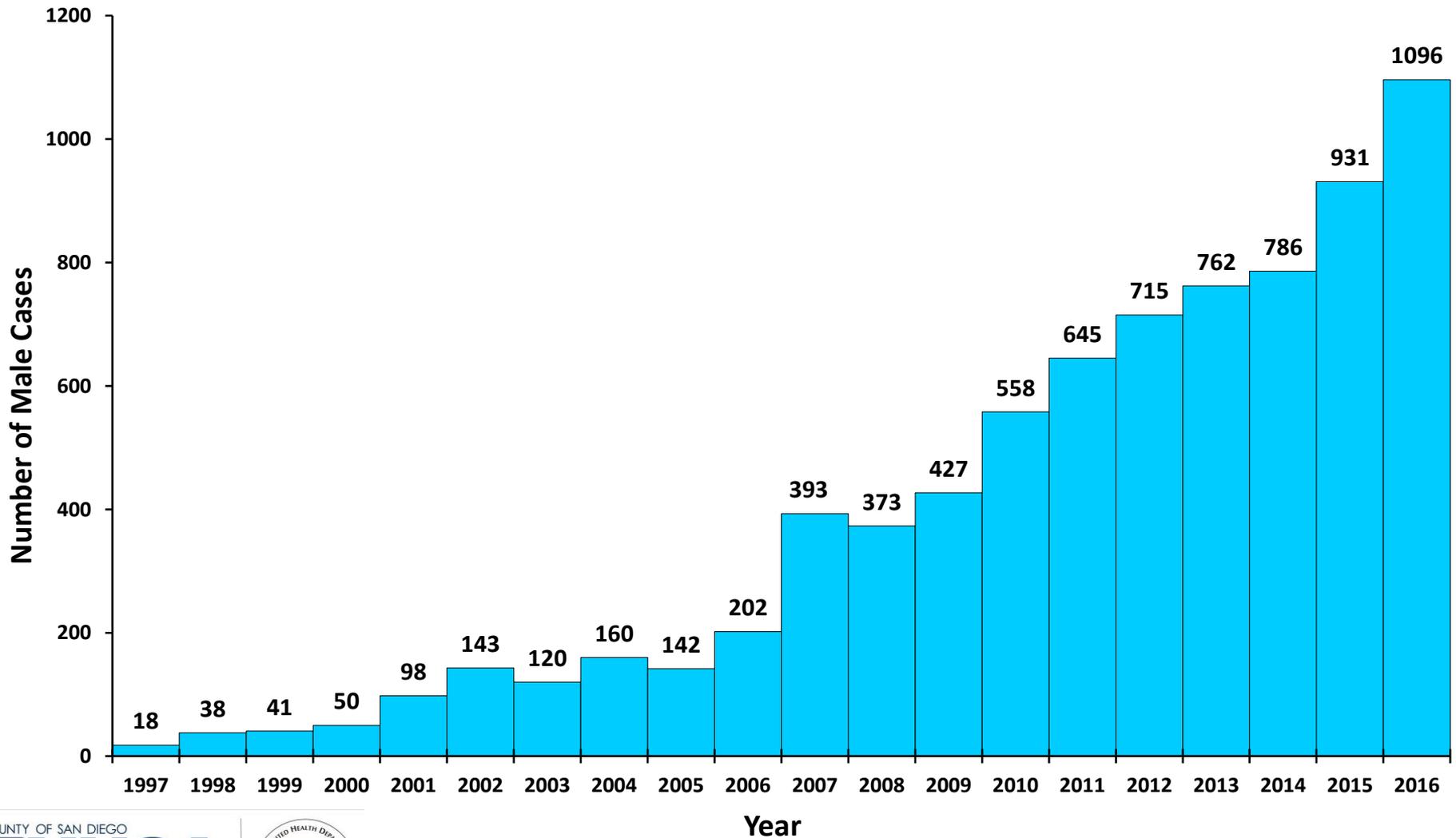


Gonorrhea Rates by Gender and Year San Diego County, 1997 - 2016

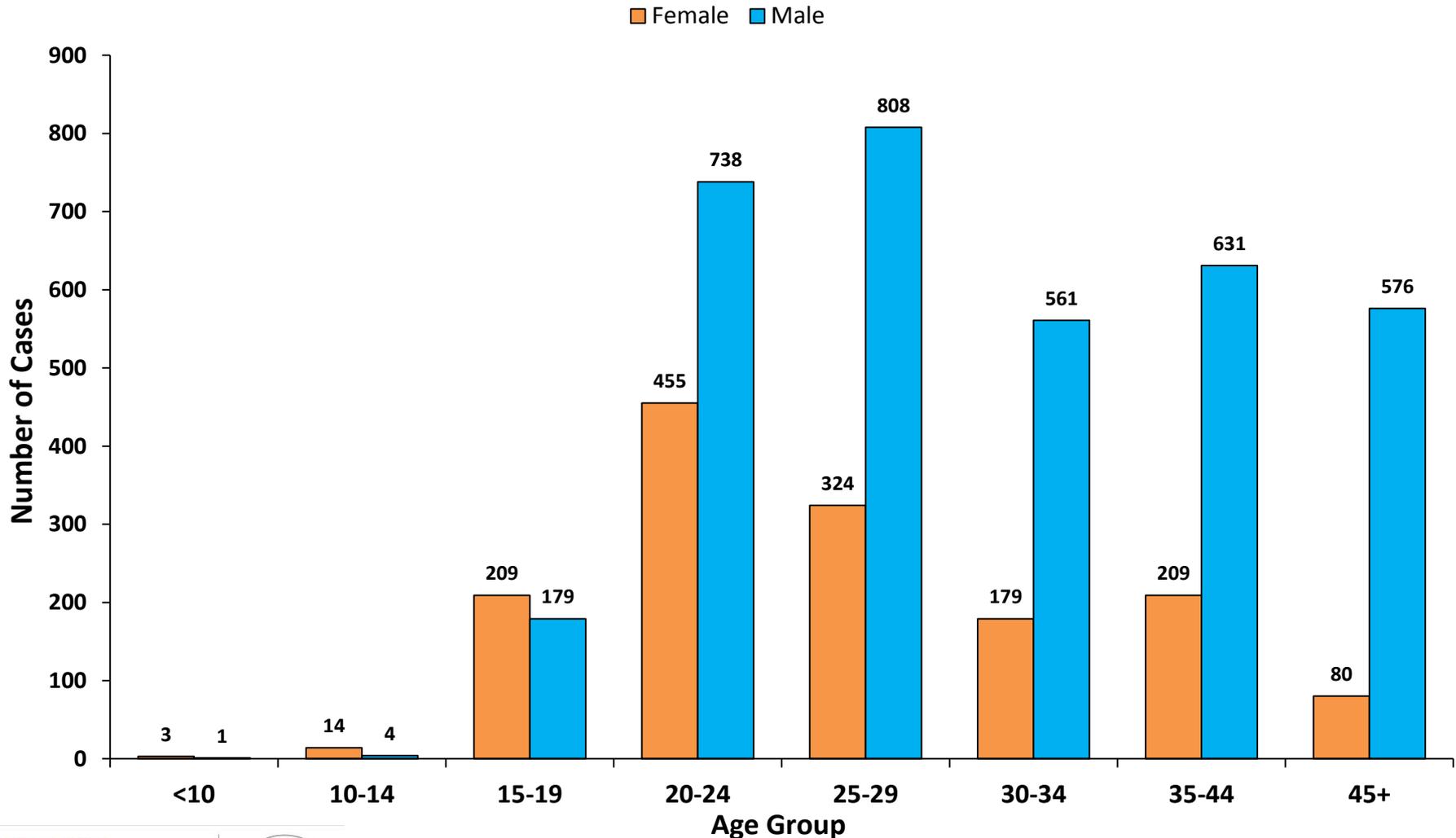


Rectal or Pharyngeal Gonorrhea Infections in Males

San Diego County, 1997 - 2016

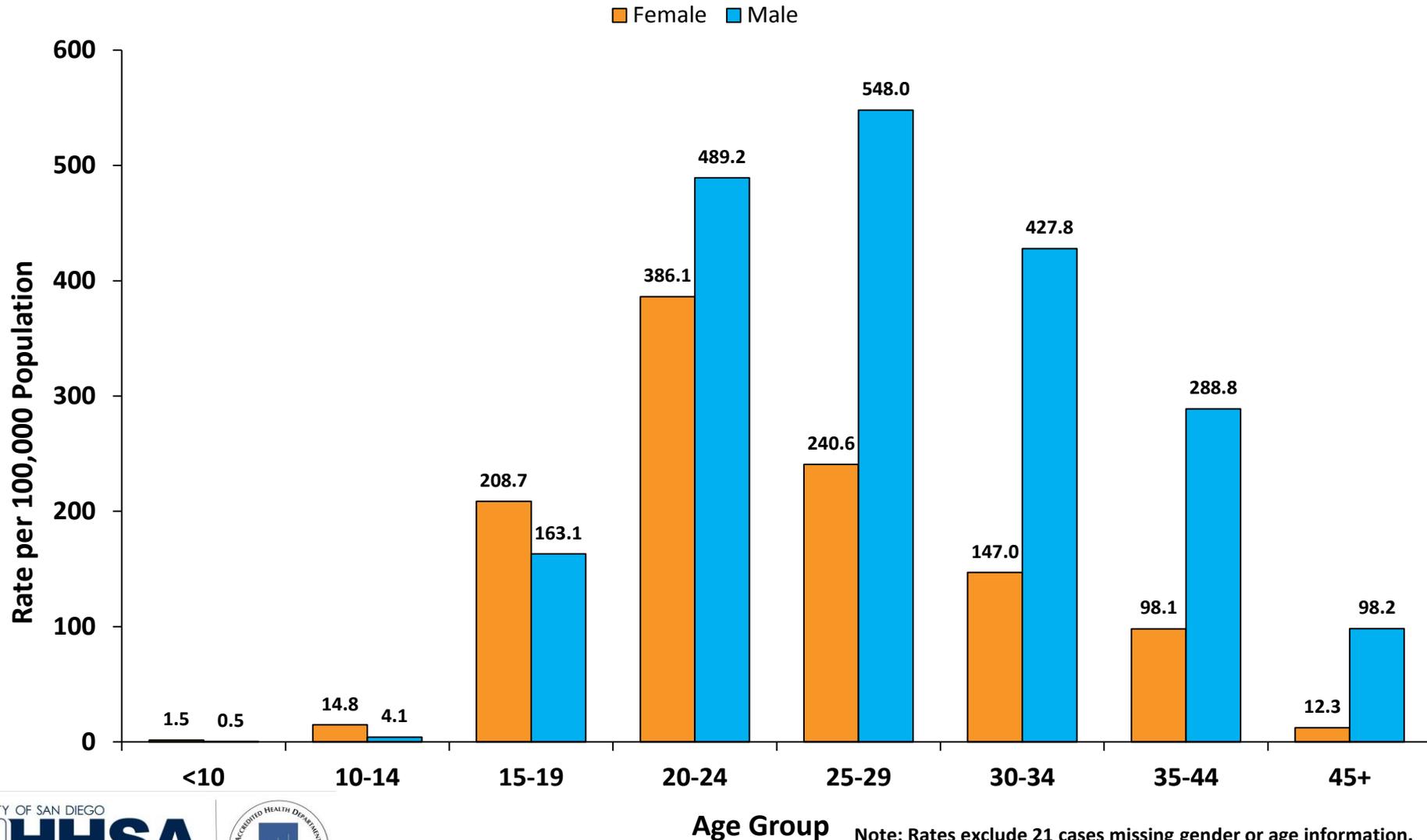


Gonorrhea Cases by Gender and Age San Diego County, 2016



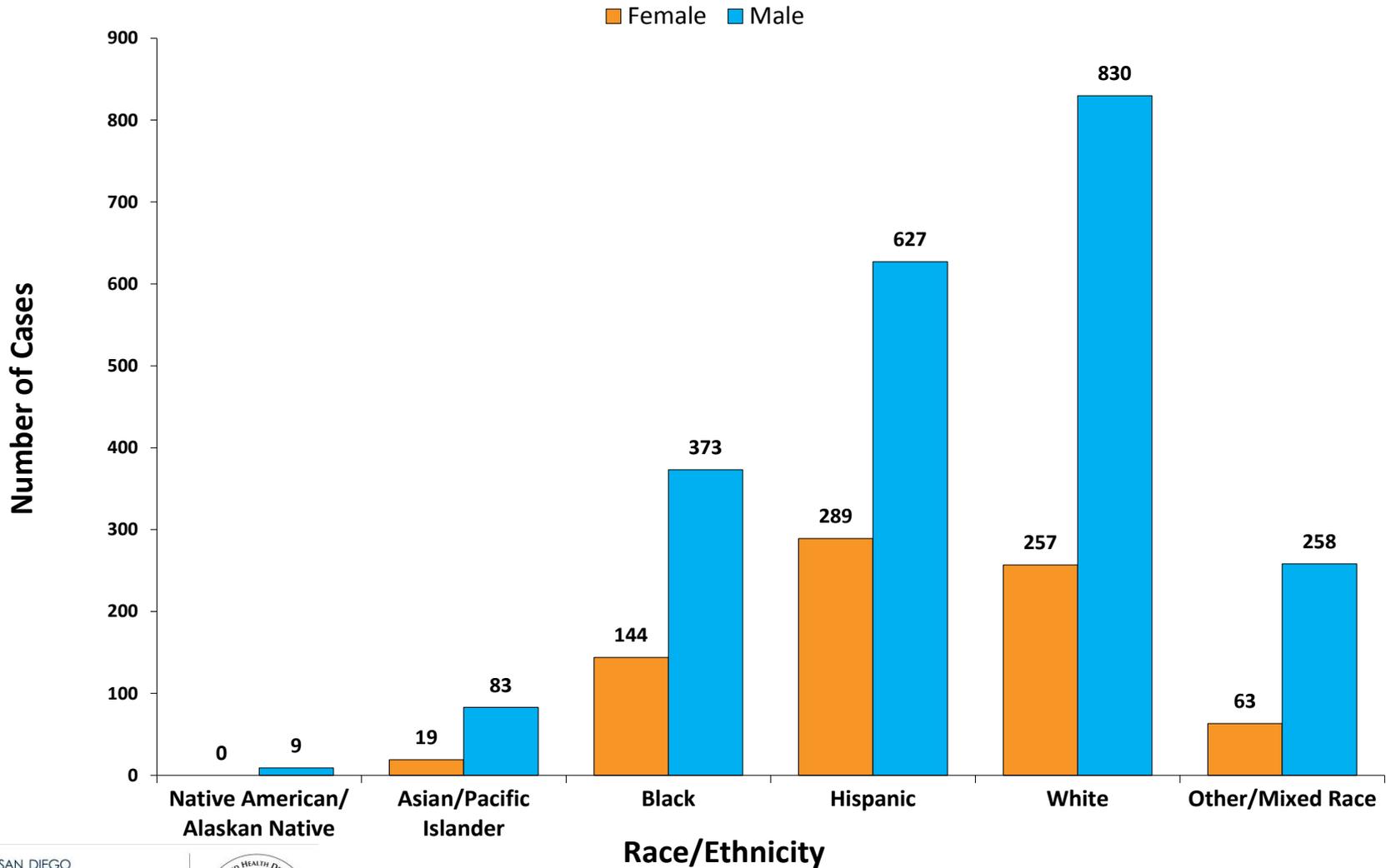
Note: 12 cases were missing gender information, and 9 were missing age information.

Gonorrhea Rates by Gender and Age San Diego County, 2016

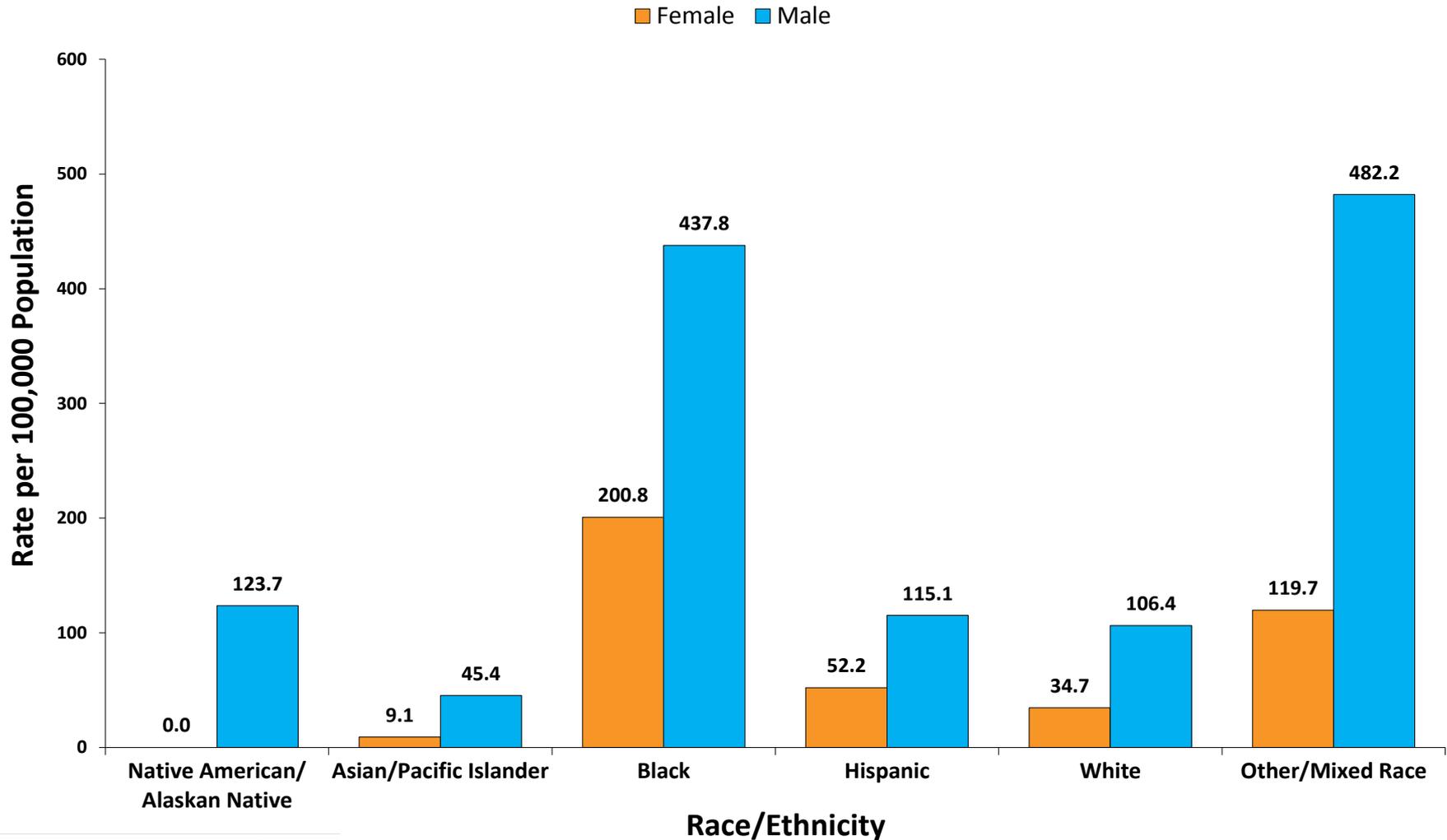


Note: Rates exclude 21 cases missing gender or age information.

Gonorrhea Cases by Gender and Race/Ethnicity San Diego County, 2016

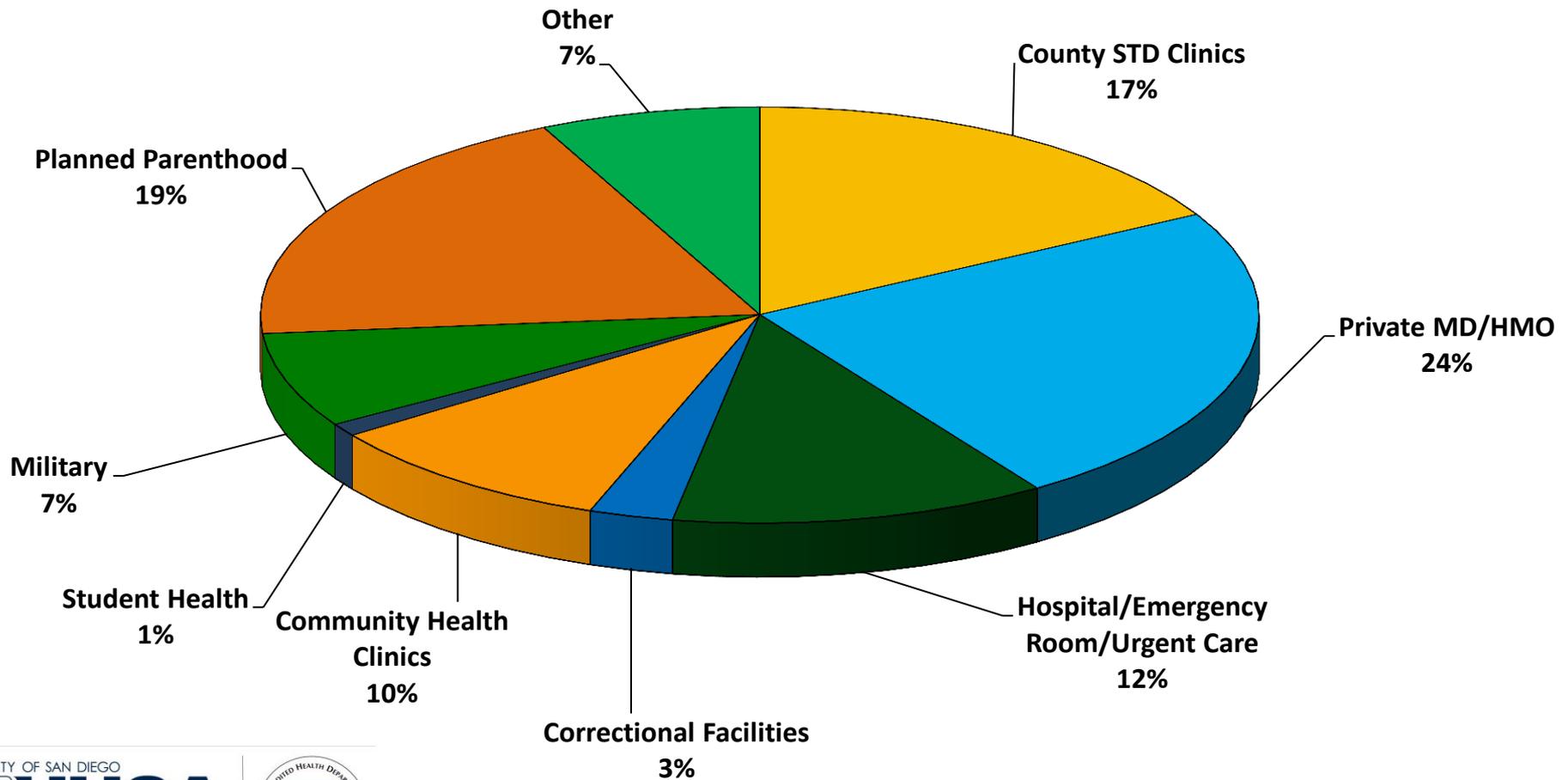


Gonorrhea Rates by Gender and Race/Ethnicity San Diego County, 2016

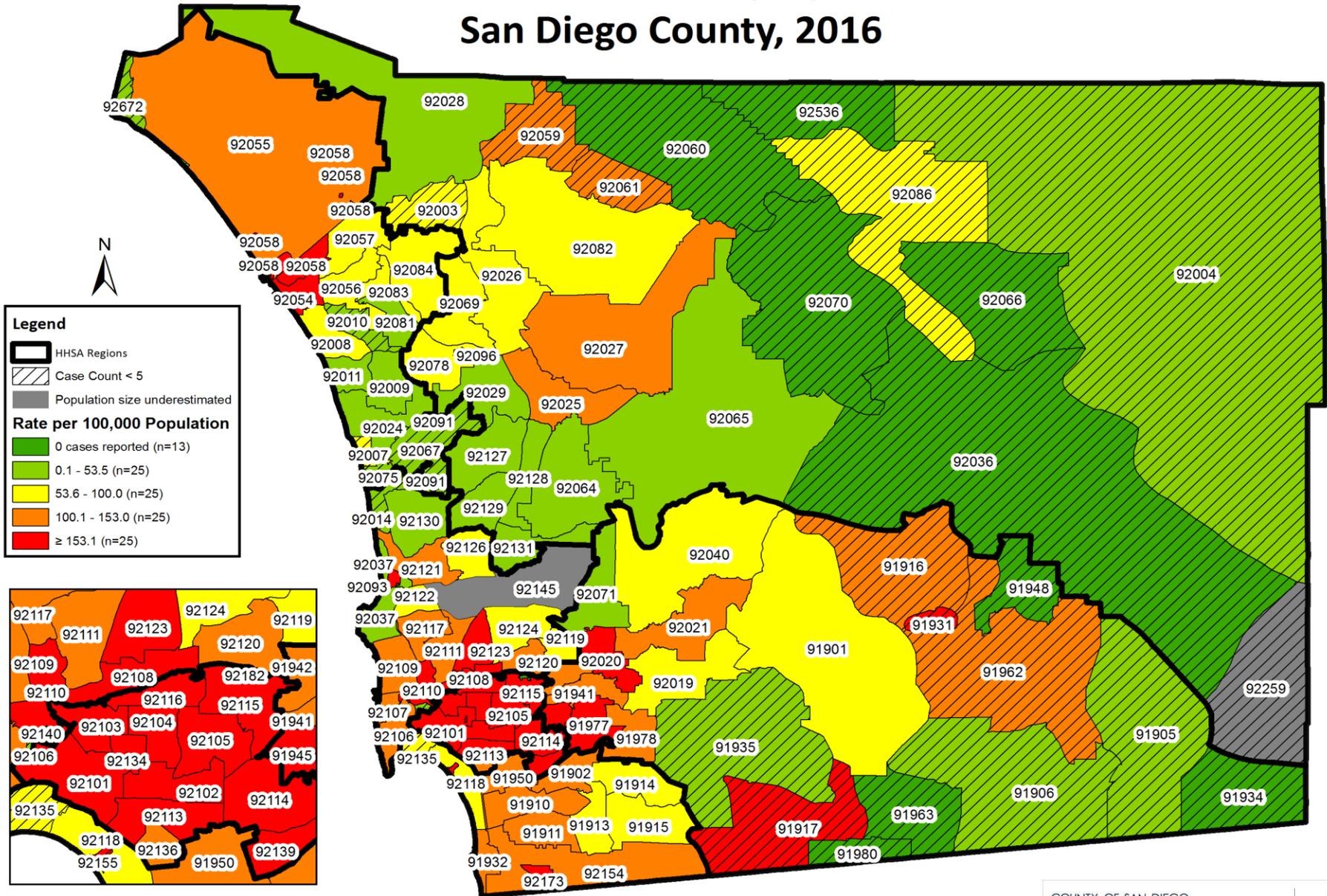


Note: 40.9% of cases are missing race/ethnicity and are not included in the rates above.

Gonorrhea Cases by Reporting Facility Type San Diego County, 2016



Gonorrhea Rates by Zip Code San Diego County, 2016



Source: County of San Diego, Health and Human Services Agency, HSHB (HIV, STD, Hepatitis Branch), CalREDIE Database
 Map Date: June 10, 2017
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Syphilis



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Key Points

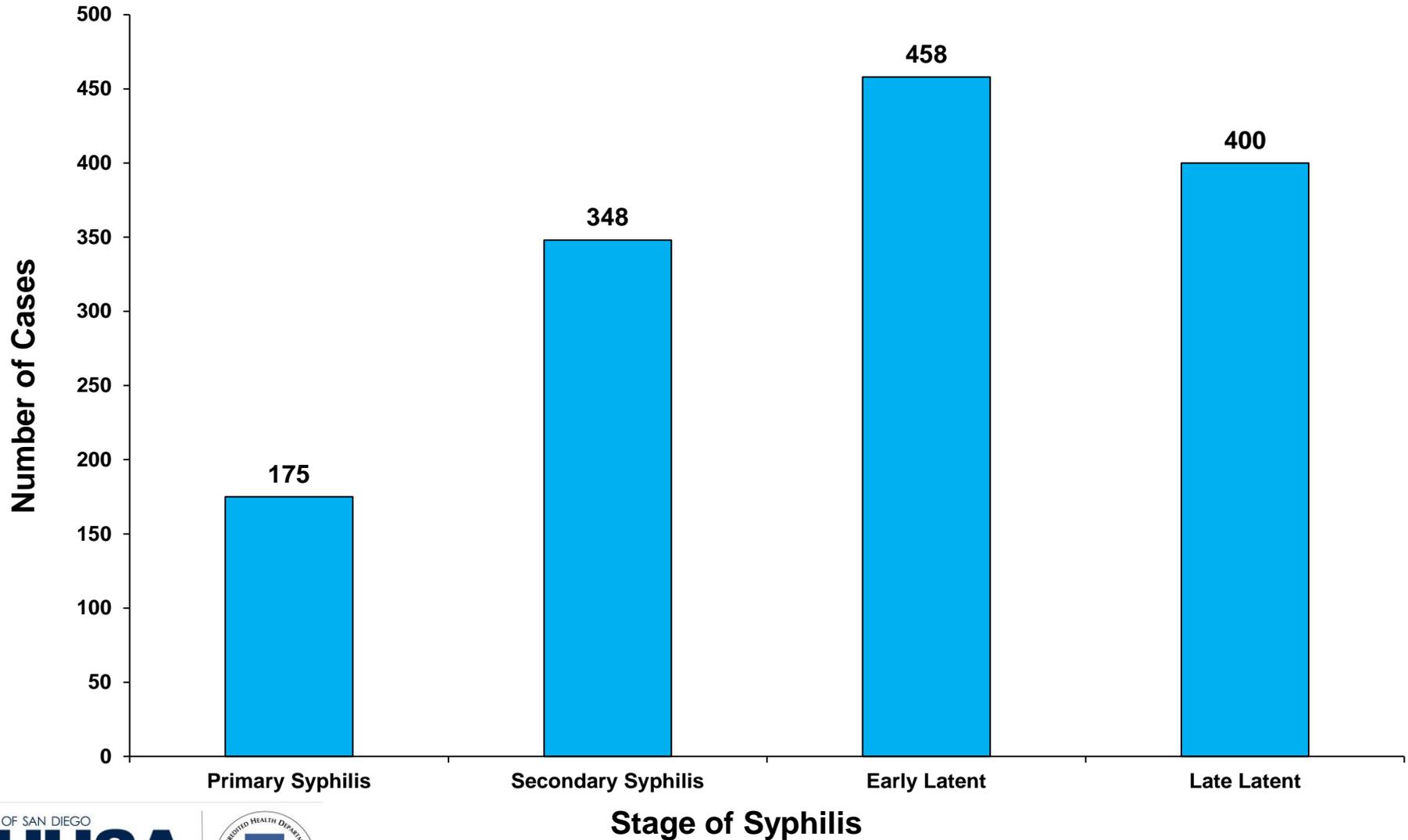
Syphilis in San Diego County

- Cases of primary and secondary syphilis increased by 6.7% from 490 cases in 2015 to 523 cases in 2016.
- The majority of cases are male; 82.6% are men who have sex with men (MSM).
- Rates are highest among males aged 30 to 34 years.
- African American/black males have the highest rate of infection; the rate of infection in African American/black males is 2.2 times that of white males.
- An estimated 44% of MSM primary and secondary syphilis cases are co-infected with HIV.

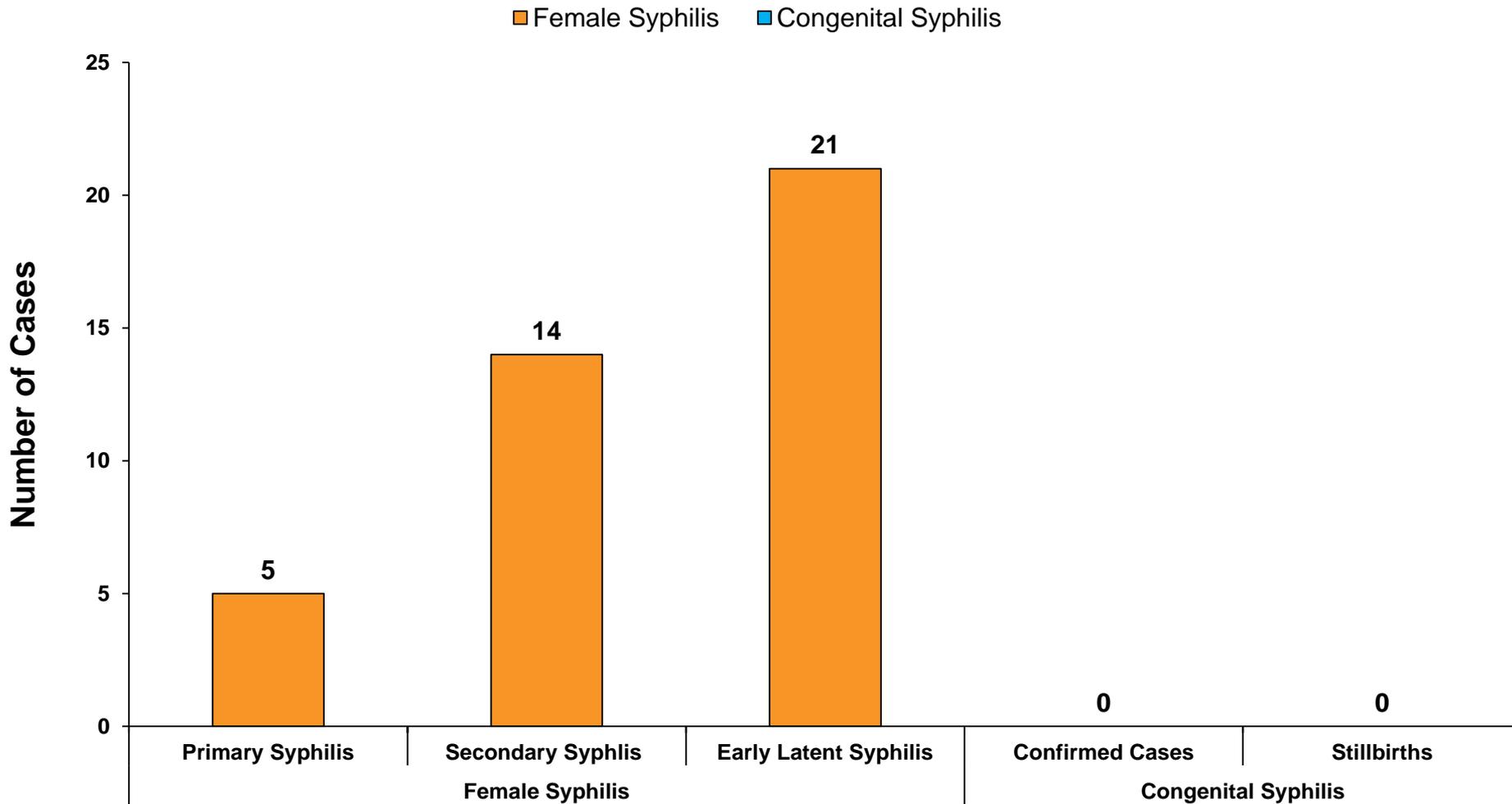


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Case Count by Stage of Syphilis San Diego County, 2016

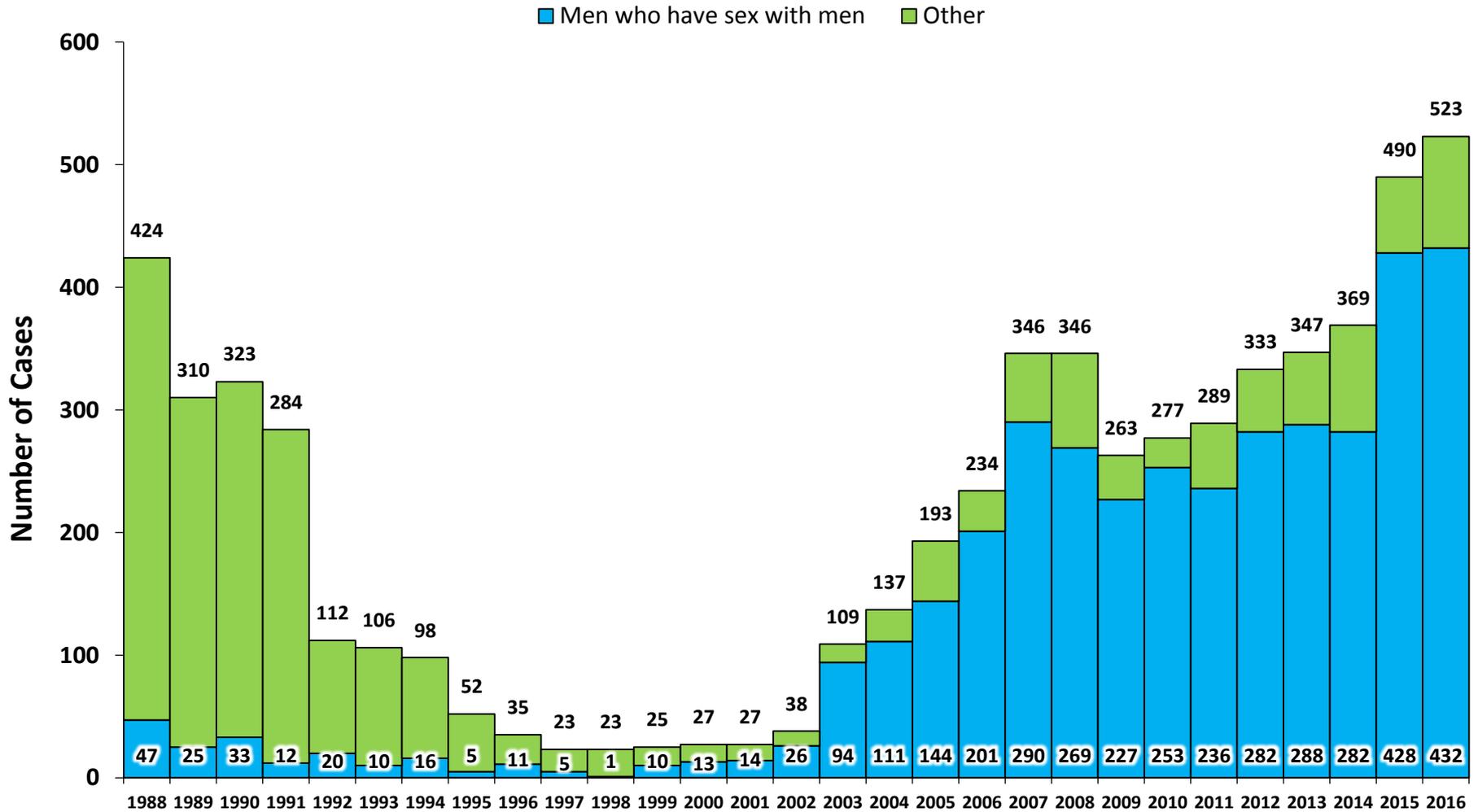


Female and Congenital* Syphilis Cases San Diego County, 2016



***Note:** In public health, congenital syphilis is defined as an infant born to a mother with inadequate or no treatment for syphilis infection. A confirmed congenital syphilis case is an infant with positive laboratory identification of *T. pallidum* by darkfield microscopy, or in neonatal or placental tissue specimens.

Primary & Secondary Syphilis Cases by Year San Diego County, 1988 - 2016

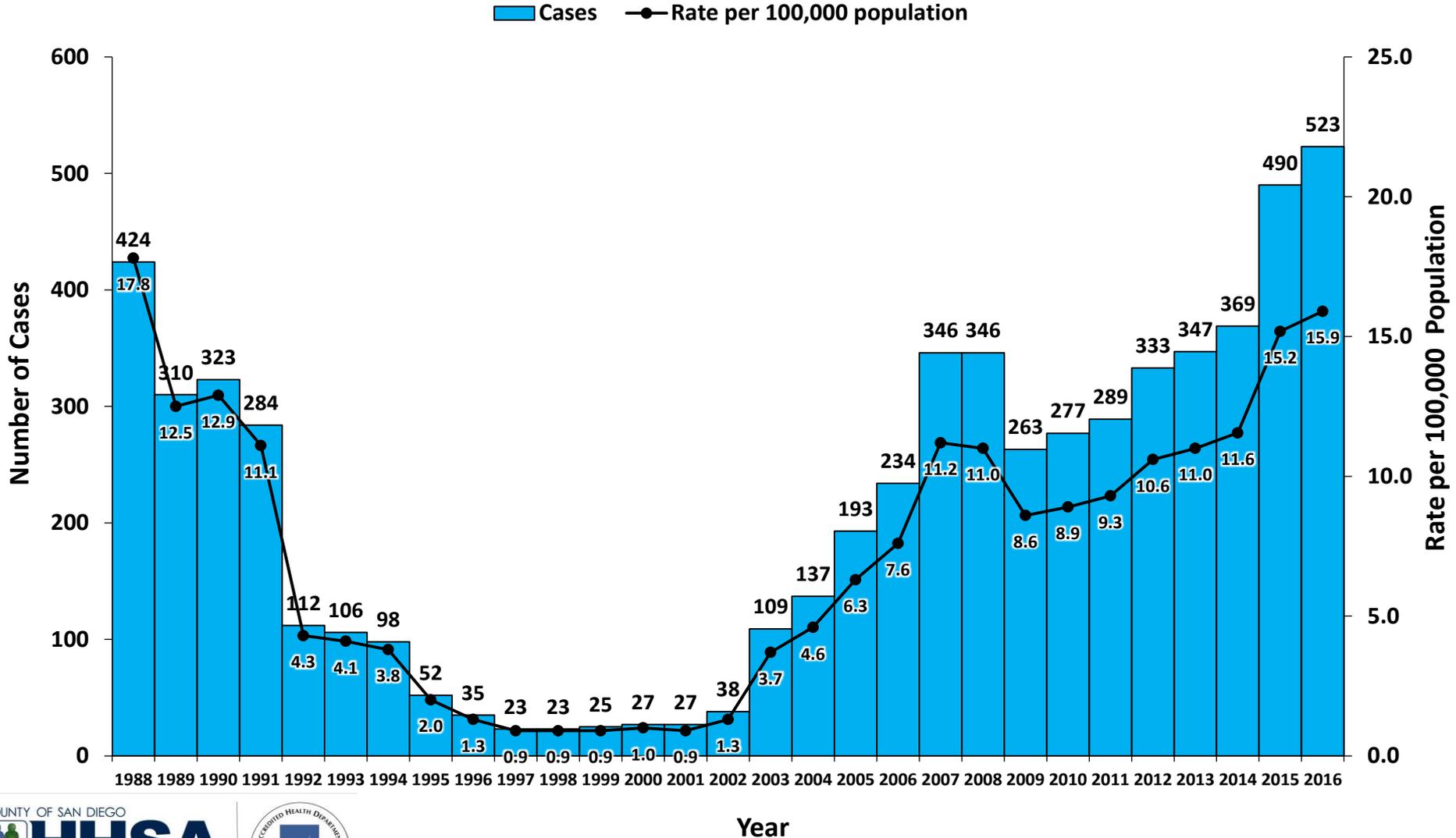


Year

Note: The green area represents the proportion of cases who are not men who have sex with men. The number above the columns represents the total number of primary and secondary syphilis cases per year.

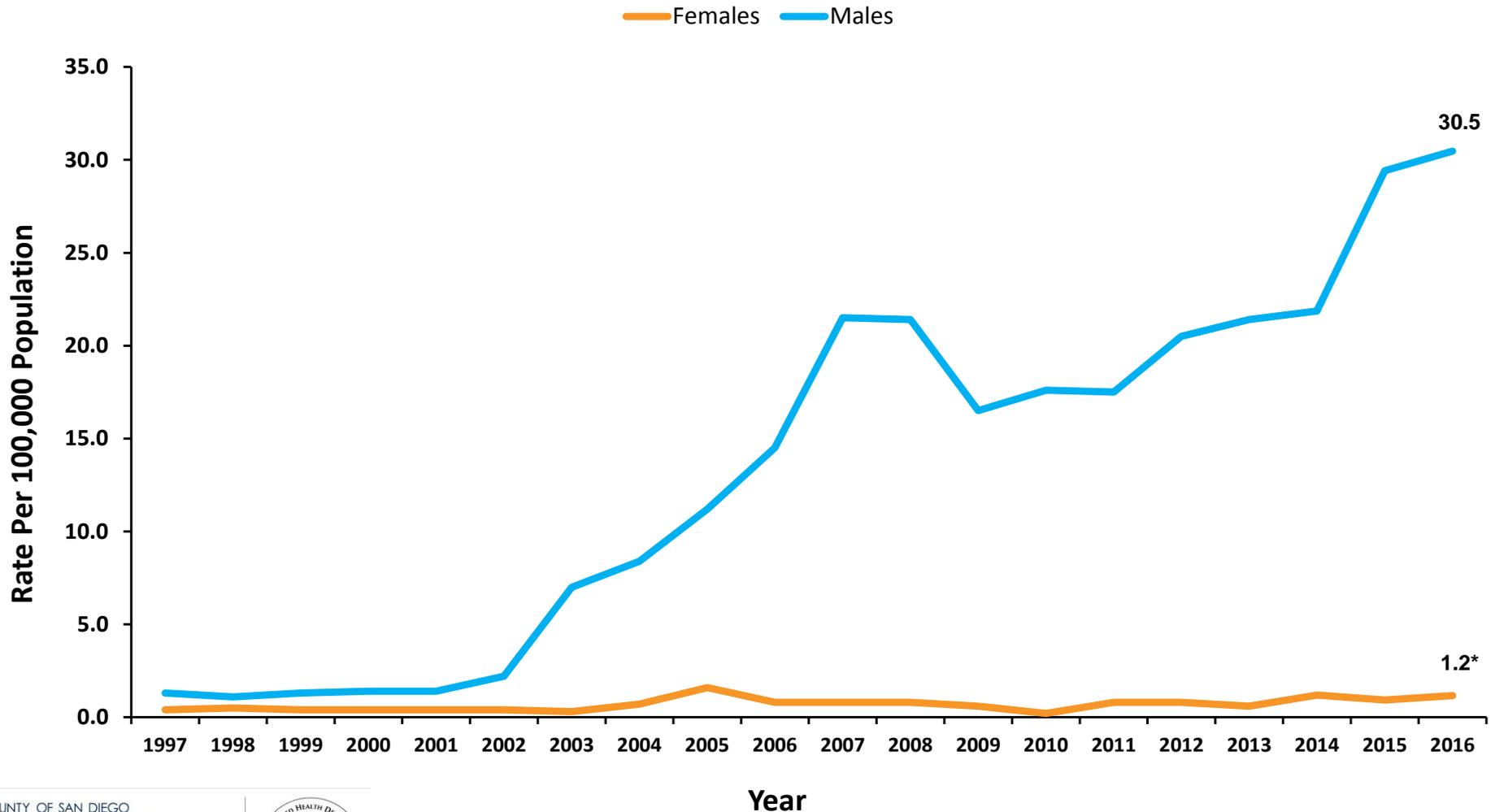
Primary & Secondary Syphilis Cases and Rates by Year

San Diego County, 1988 - 2016



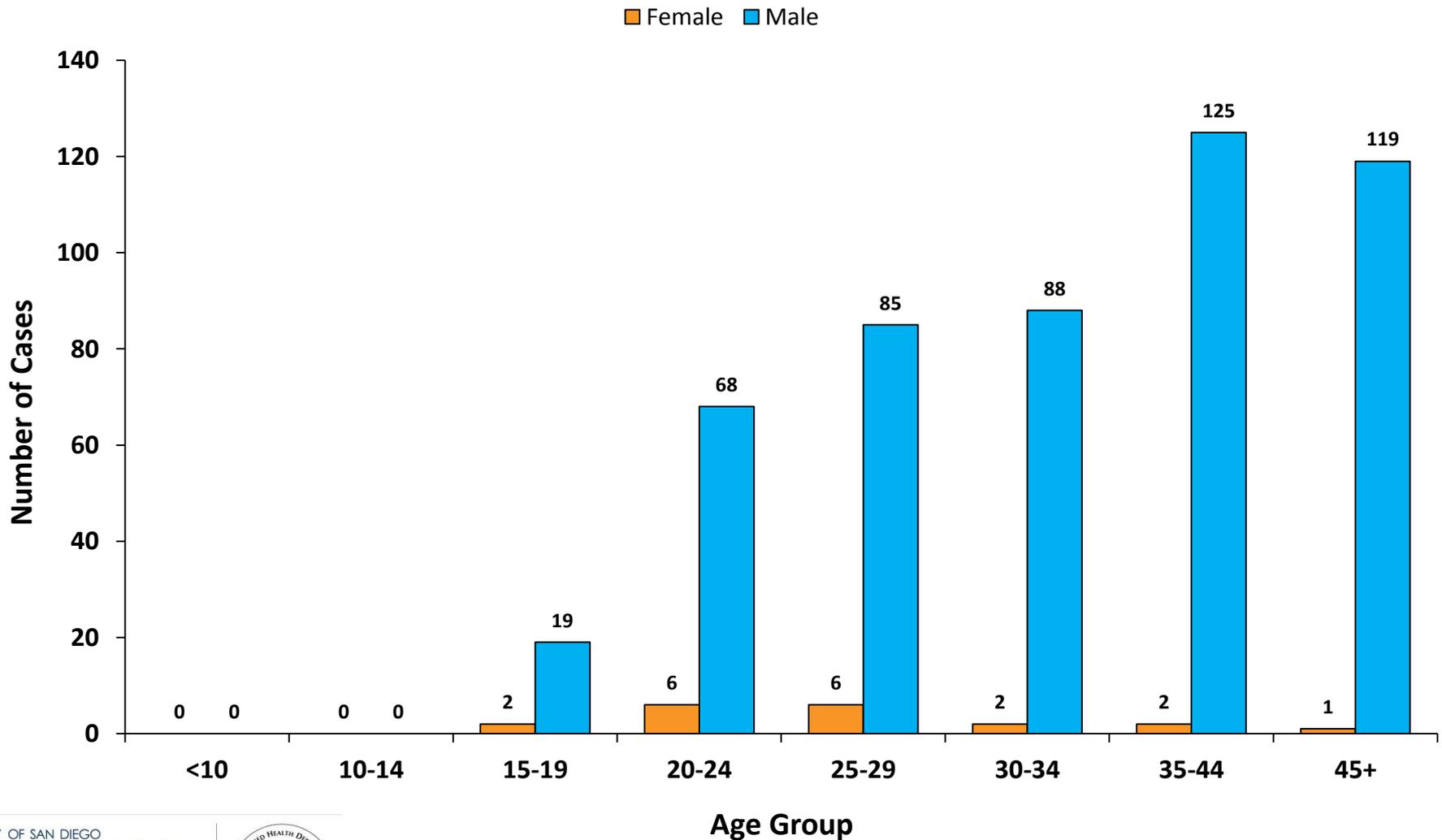
Primary & Secondary Syphilis Rates by Gender and Year

San Diego County, 1997 - 2016

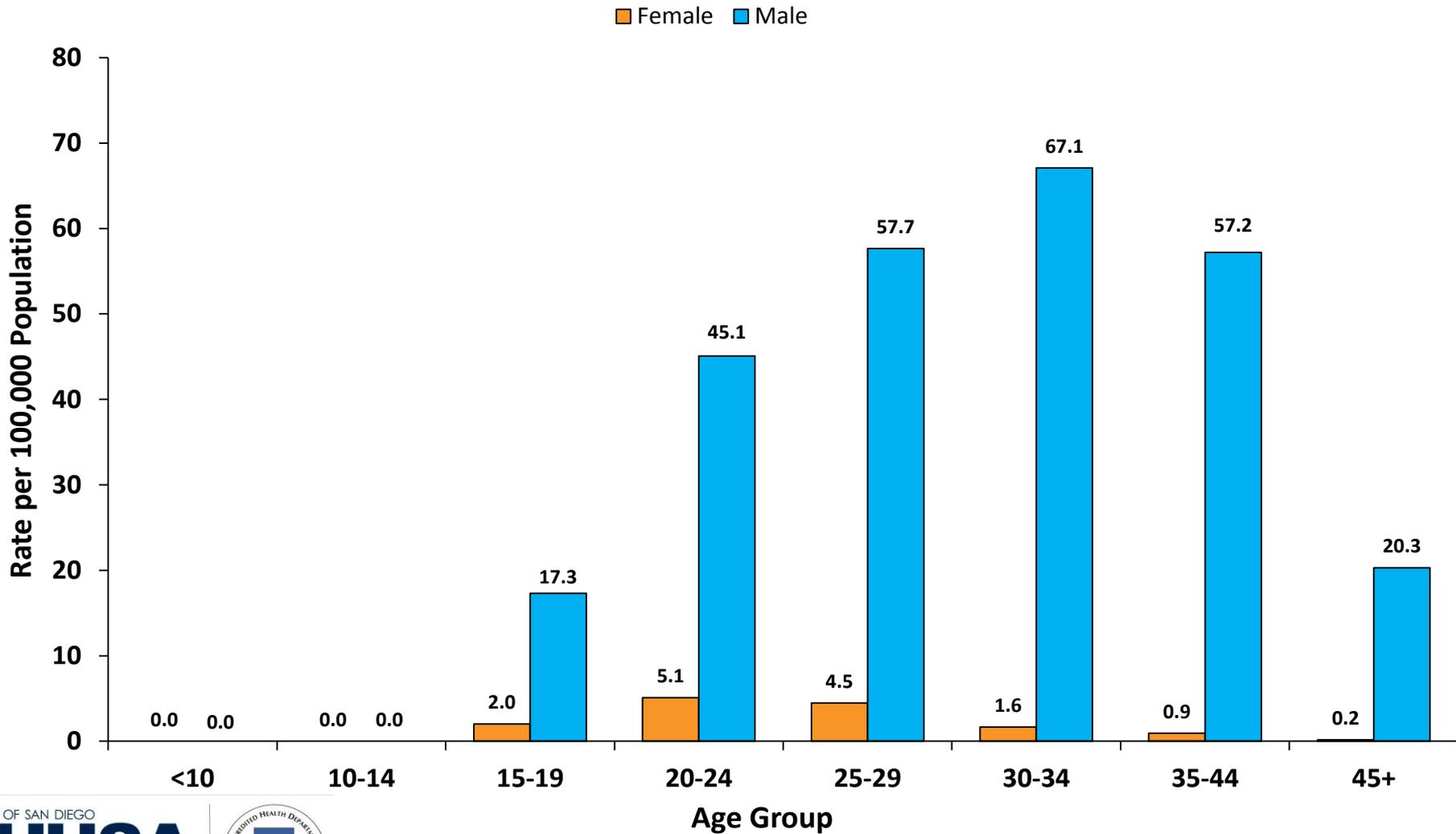


* Between 2015 and 2016, the female primary and secondary syphilis rate increased by 33%, and the number of cases increased by 27%.

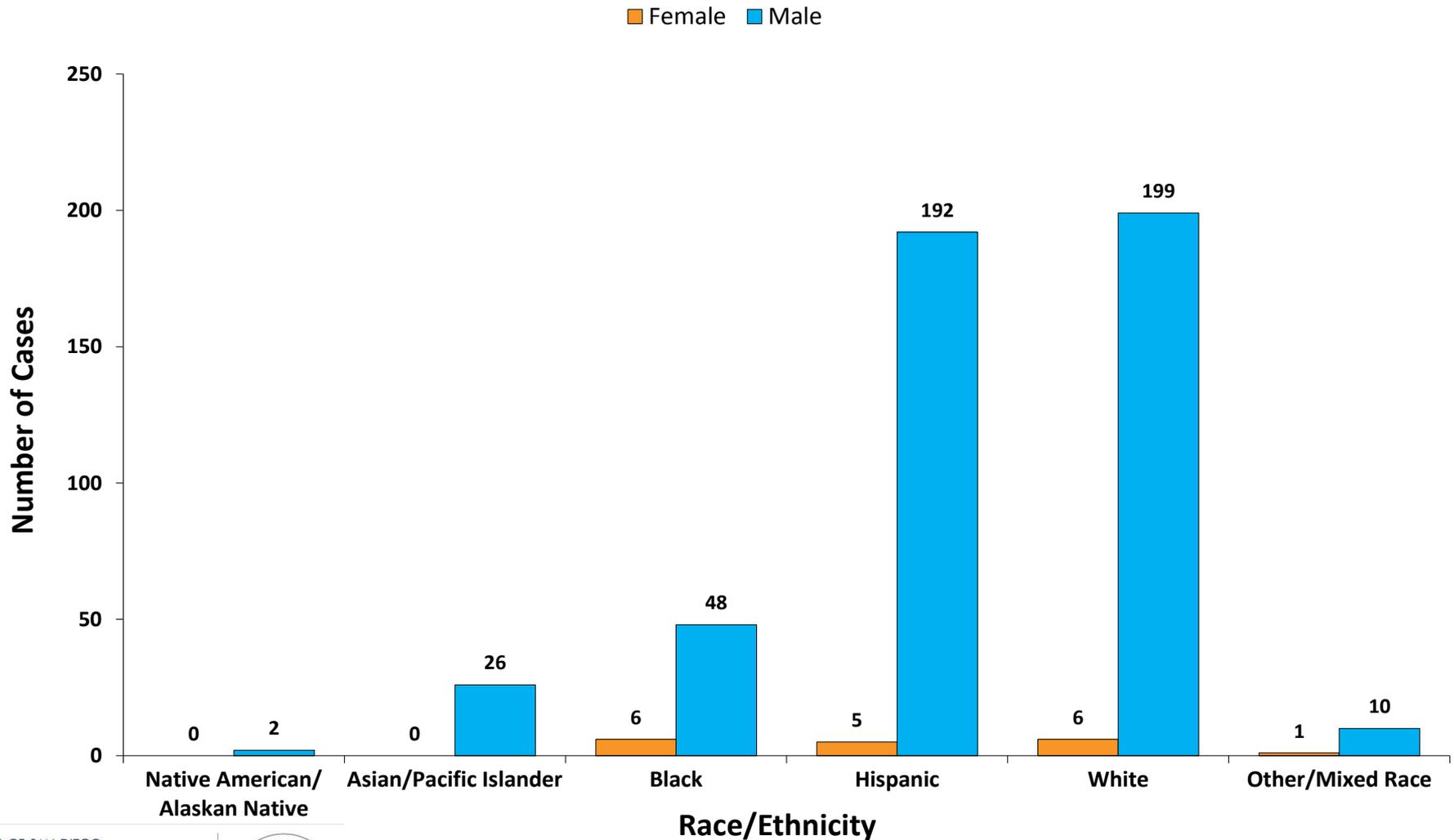
Primary & Secondary Syphilis Cases by Gender and Age San Diego County, 2016



Primary & Secondary Syphilis Rates by Gender and Age San Diego County, 2016

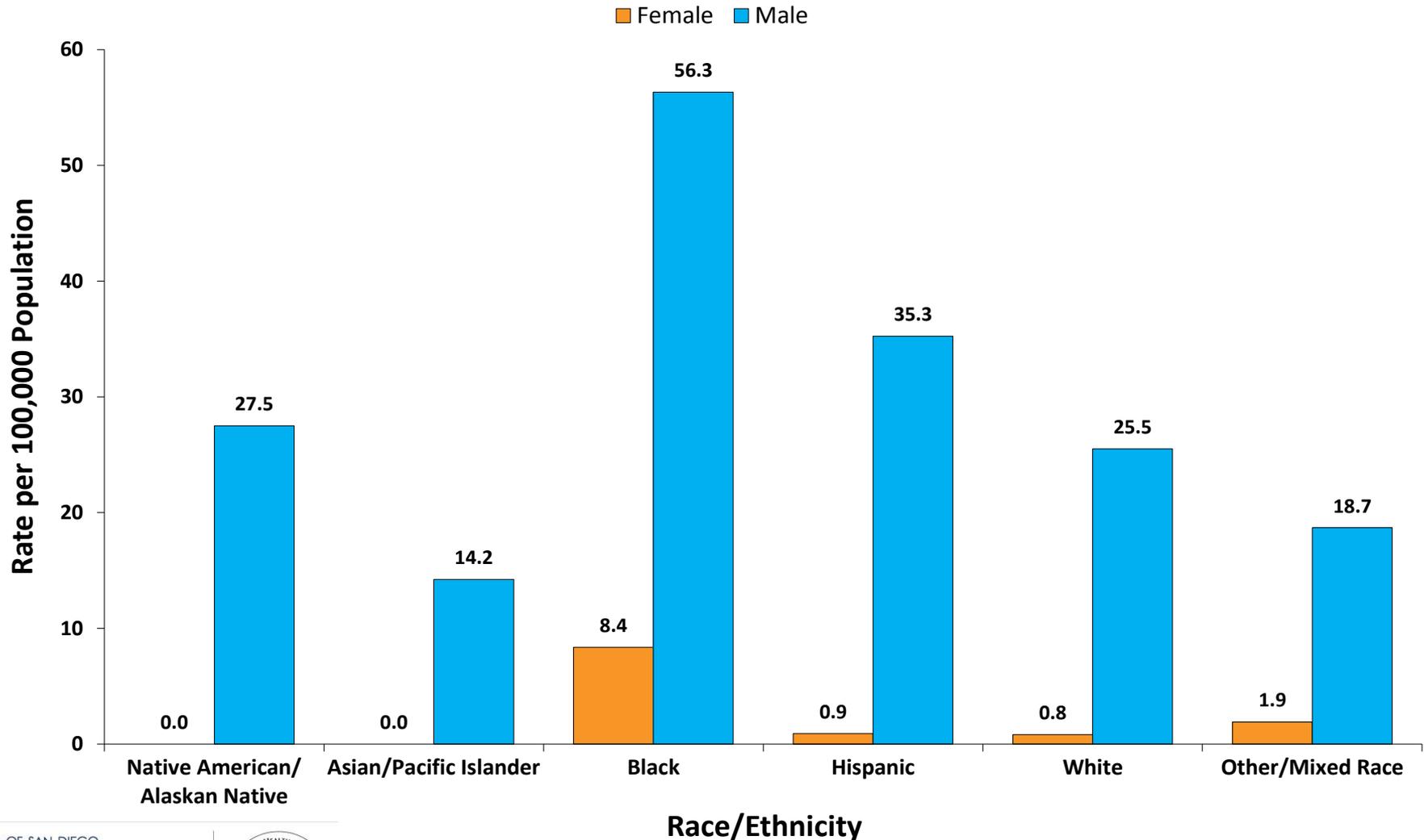


Primary & Secondary Syphilis Cases by Gender and Race/Ethnicity San Diego County, 2016



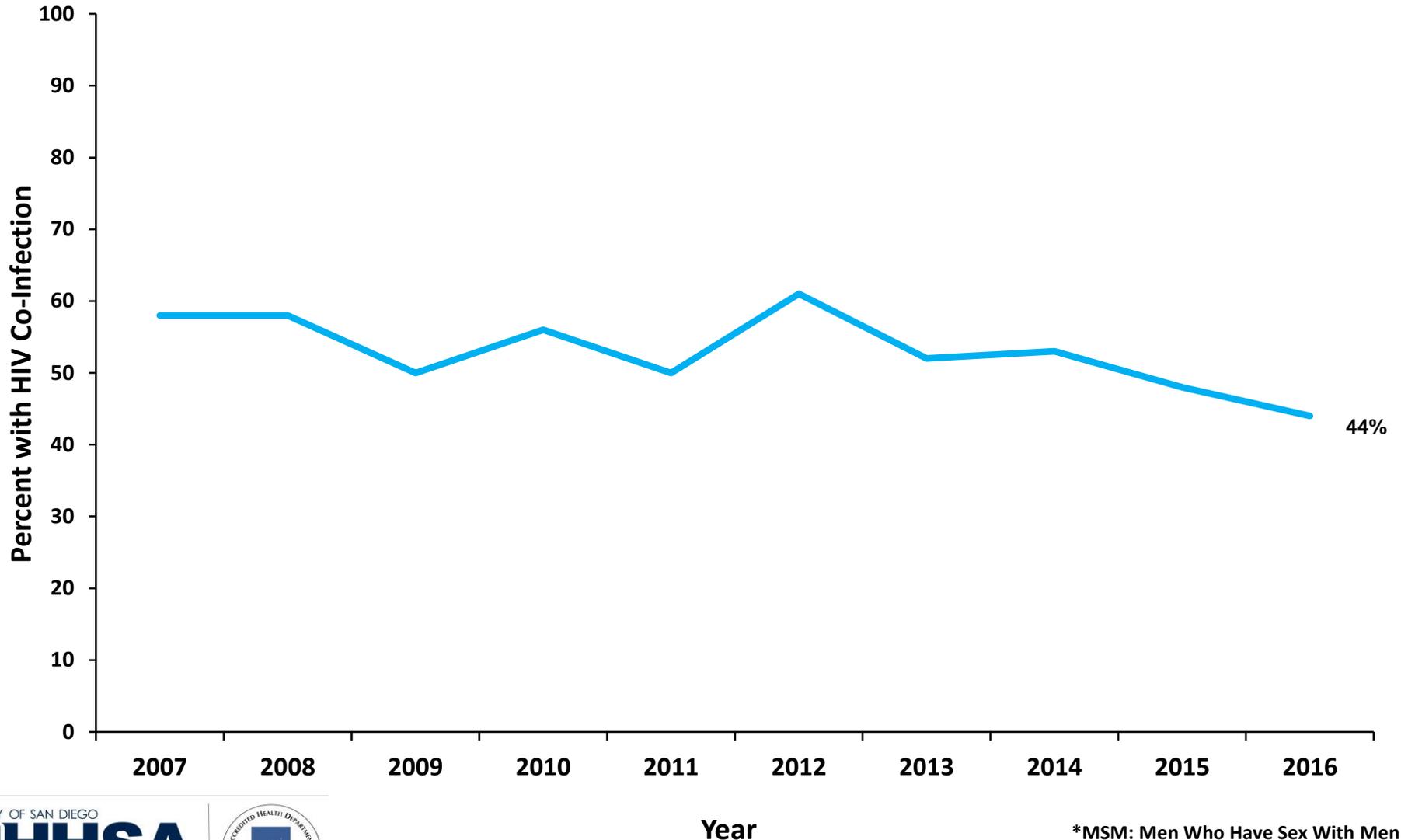
Note: Counts exclude 28 cases missing race/ethnicity information.

Primary & Secondary Syphilis Rates by Gender and Race/Ethnicity San Diego County, 2016

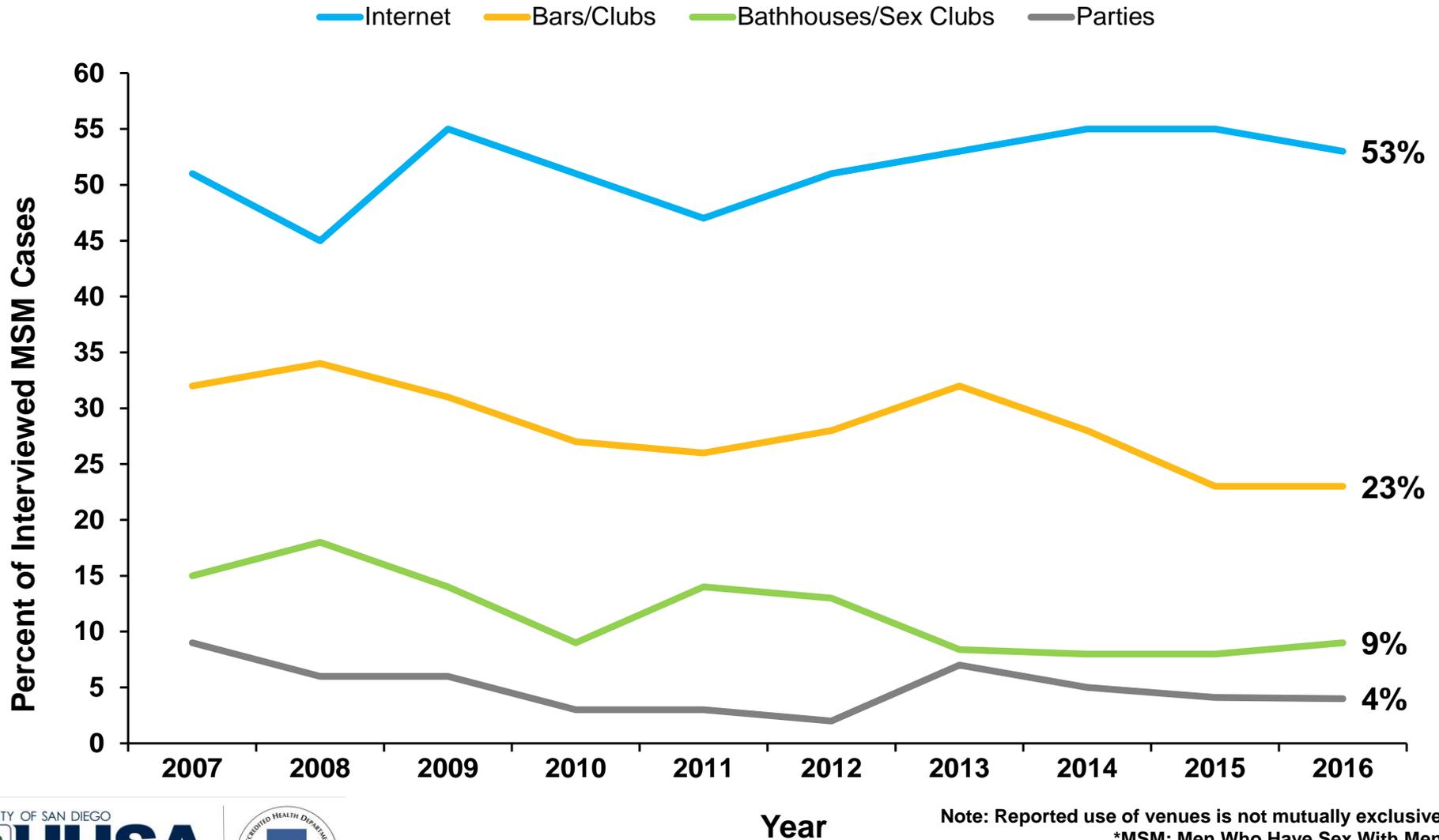


Note: Rates exclude 28 cases missing race/ethnicity information.

MSM* Primary & Secondary Syphilis Cases Co-Infected with HIV by Year San Diego County, 2007 - 2016

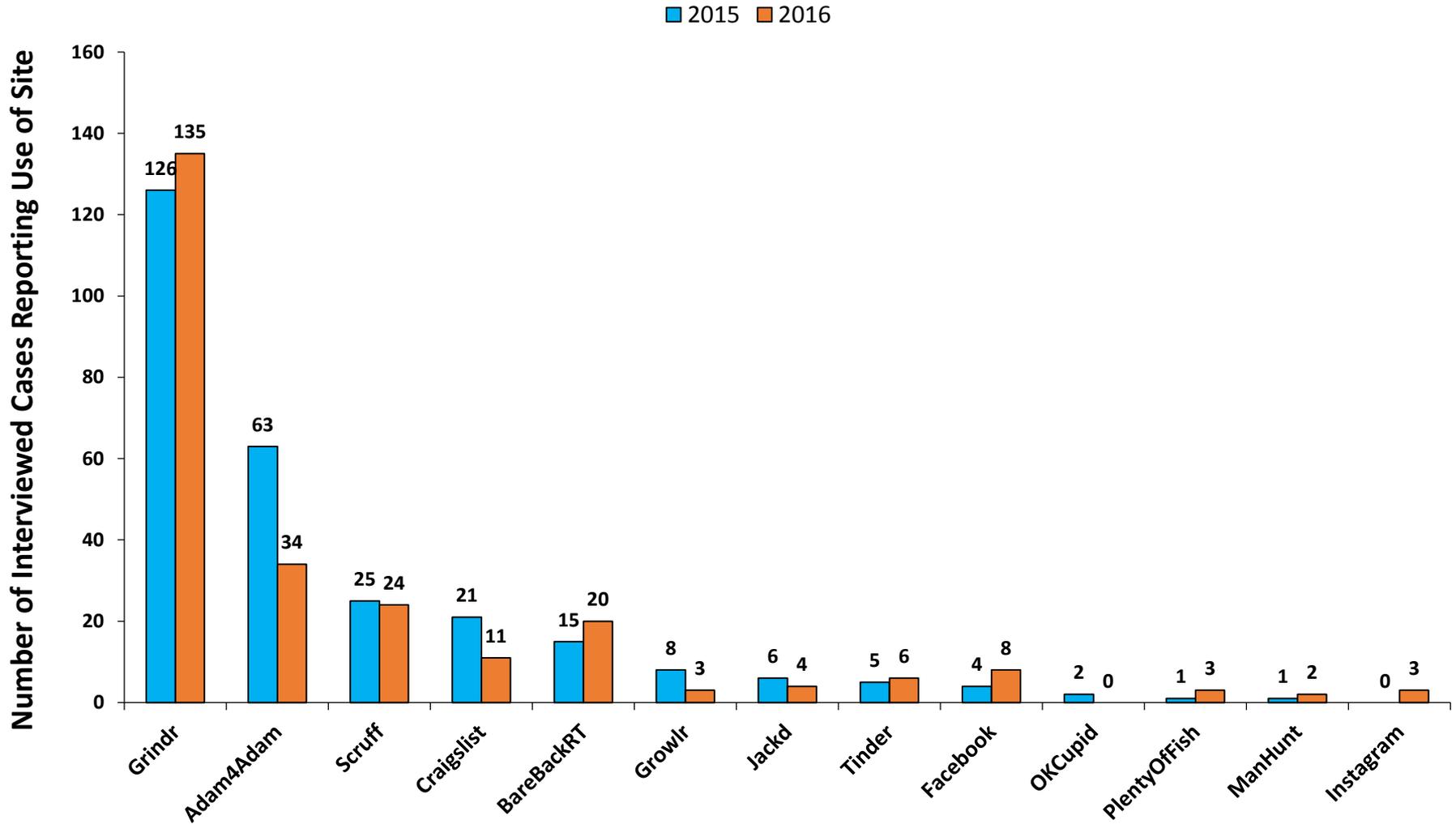


Meeting Venues Among Interviewed MSM* Primary & Secondary Syphilis Cases San Diego County, 2007 - 2016



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

Reported Use of Internet-Based Services* Among MSM** Primary & Secondary Syphilis Cases San Diego County, 2015 - 2016

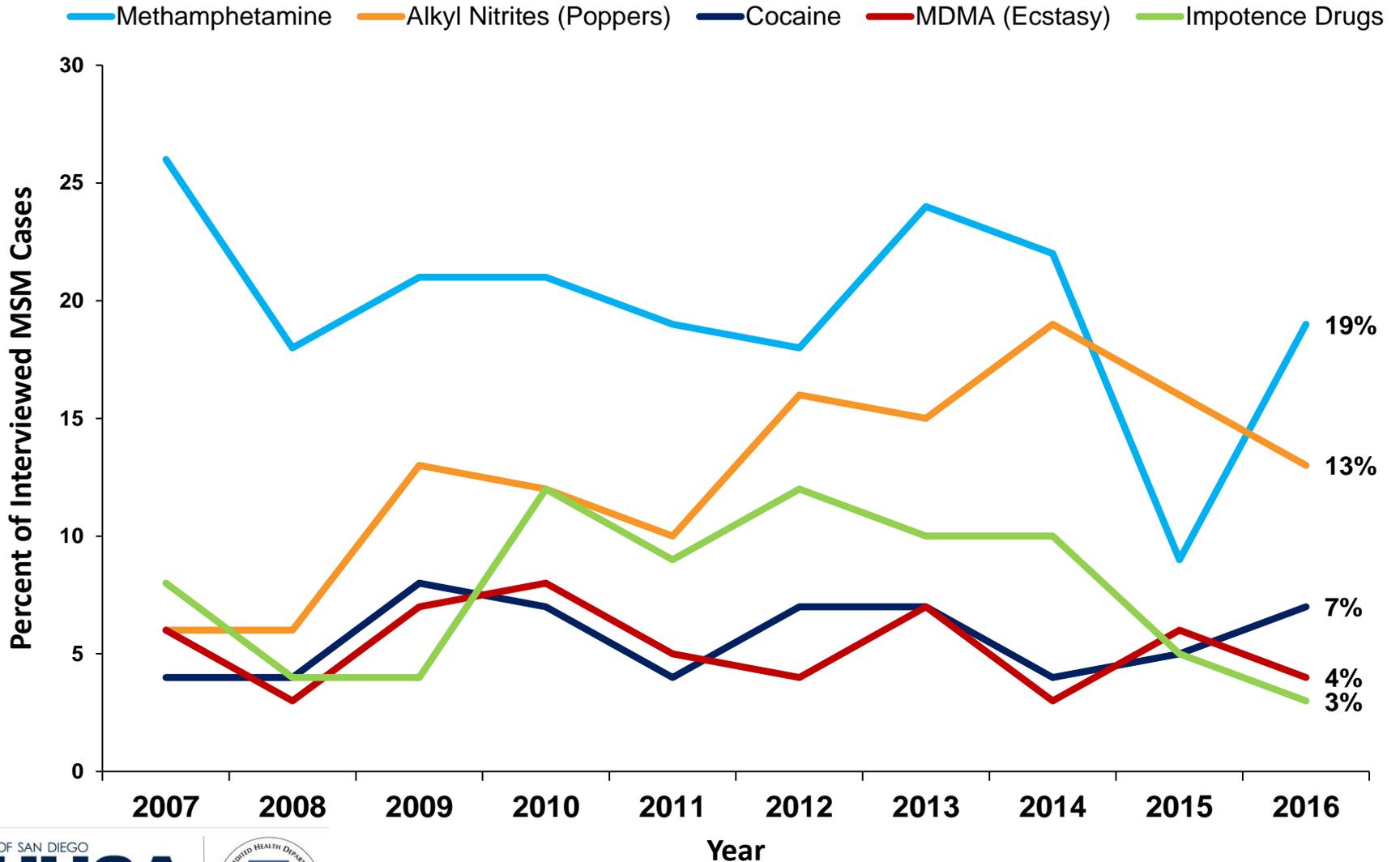


Note: Reported use of sites is not mutually exclusive.

* Included websites have been used by at least 2 MSM cases per year in 2015 or 2016.

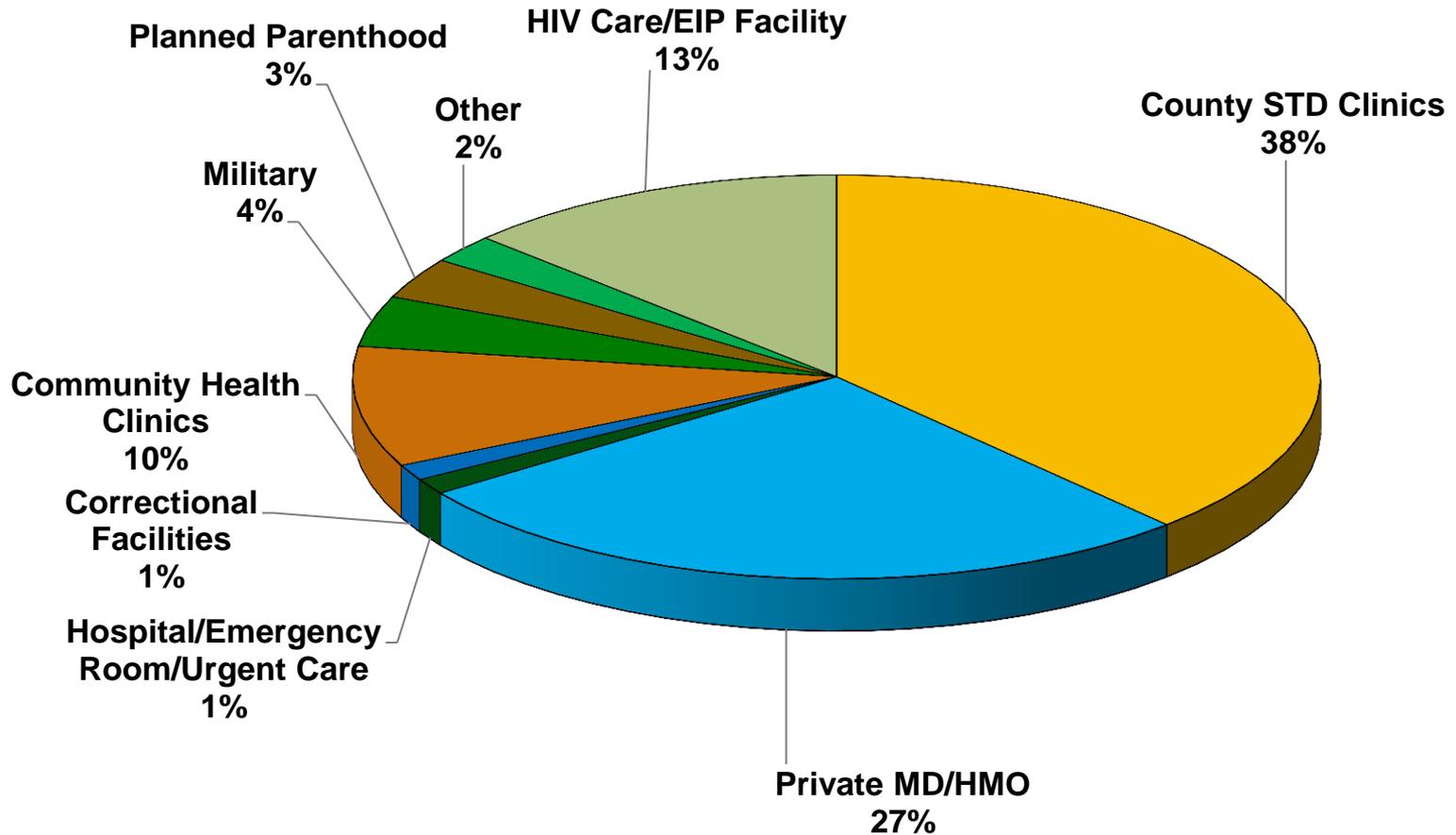
**MSM: Men Who Have Sex with Men

Reported Substance Use of Interviewed MSM* Primary & Secondary Syphilis Cases By Year San Diego County, 2007 - 2016

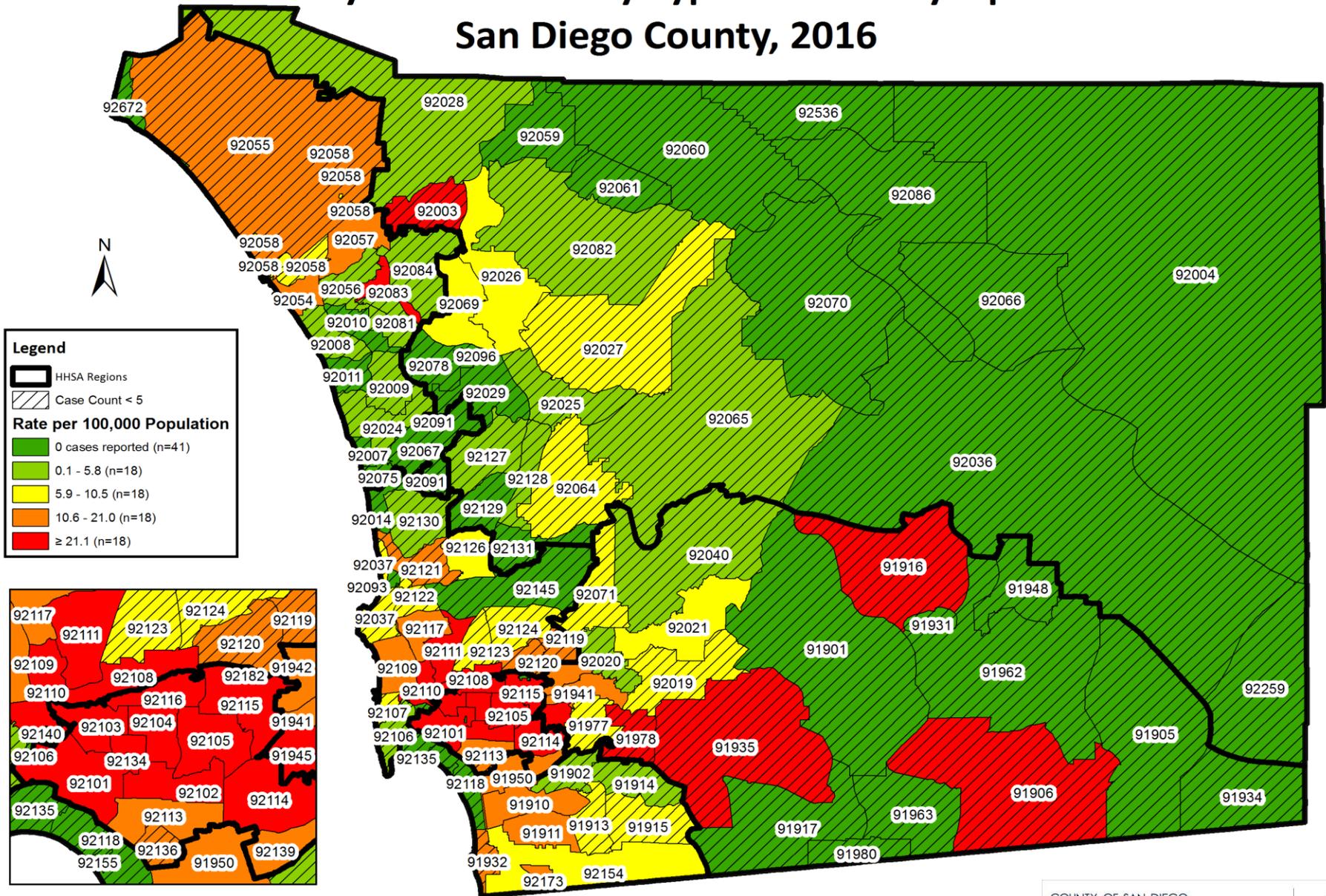


Note: Reported substances are not mutually exclusive.
*MSM: Men Who Have Sex With Men.

Primary & Secondary Syphilis Cases by Reporting Facility Type San Diego County, 2016



Primary and Secondary Syphilis Rates by Zip Code San Diego County, 2016



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Map Date: June 10, 2017

Contact: Lawrence Wang



Contact Information



- For questions or requests for data that are not included in these slides, please send an e-mail to std@sdcounty.ca.gov, or visit www.STDSanDiego.org (click on “Reports and Statistics”).



On May 17, 2016, the County of San Diego Health and Human Services Agency Division of Public Health Services received accreditation from the Public Health Accreditation Board.