



2012/2013 STD Surveillance Data: US, California and Los Angeles County

November 25, 2014

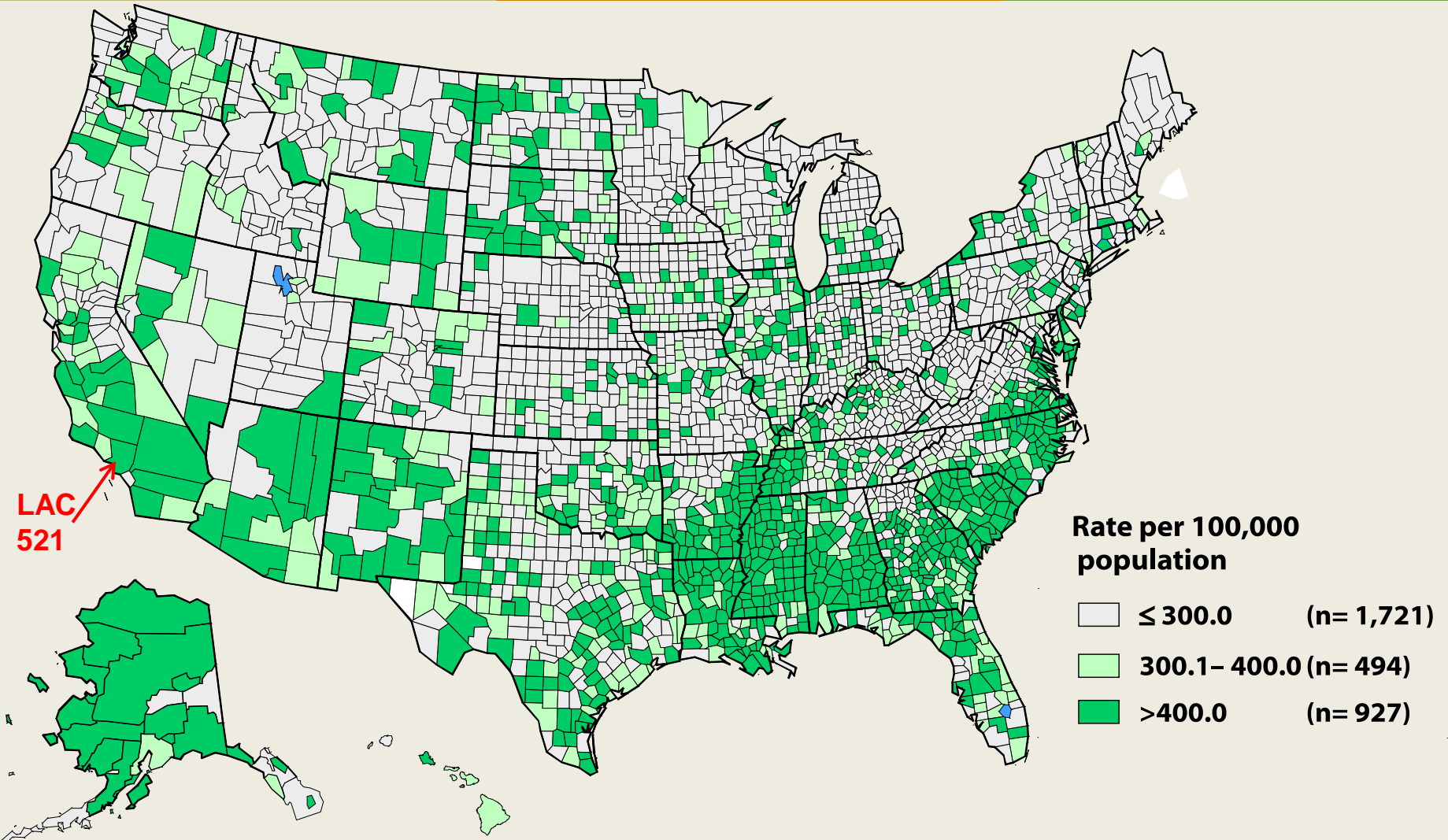




US STD Surveillance Data

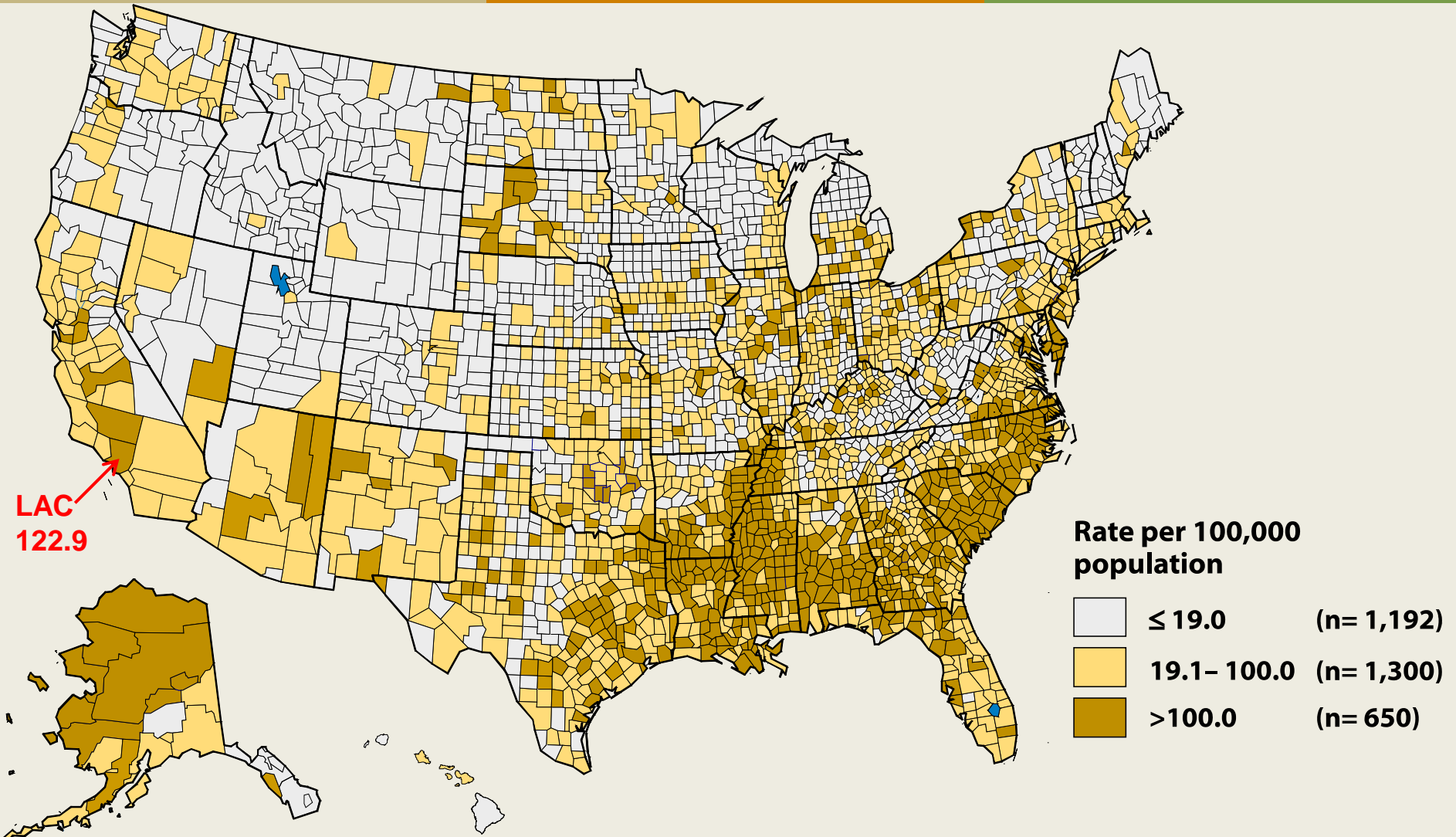


Chlamydia—Rates by County, United States, 2012



NOTE: The total rate of chlamydia for the United States and outlying areas (Guam, Puerto Rico, and Virgin Islands) was 453.5 per 100,000 population.

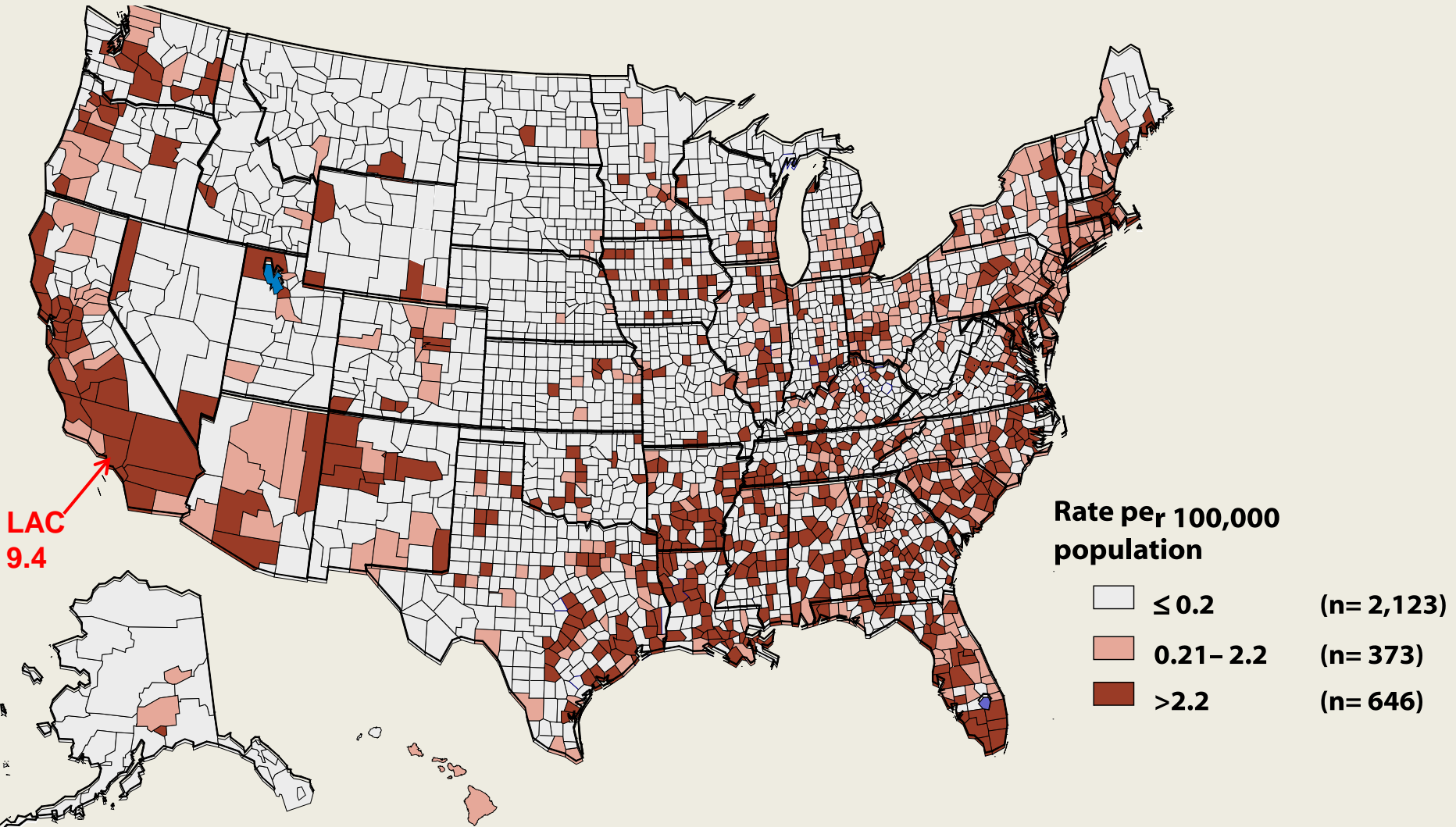
Gonorrhea—Rates by County, United States, 2012



LAC
122.9

NOTE: The total rate of gonorrhea for the United States and outlying area (Guam, Puerto Rico, and Virgin Islands) was 106.3 per 100,000 population.

Primary and Secondary Syphilis—Rates by County, United States, 2012

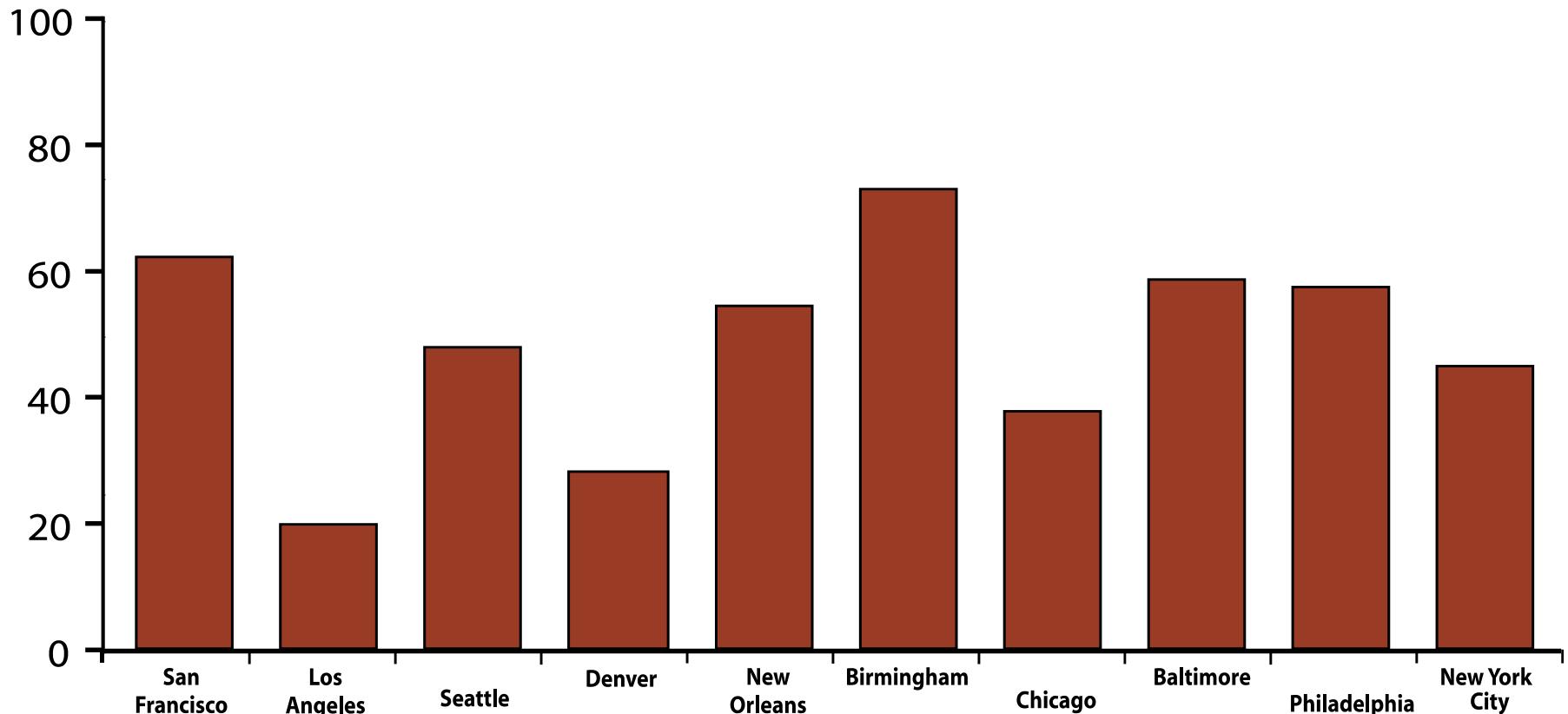


NOTE: The total rate of primary and secondary syphilis for the United States and outlying areas (Guam, Puerto Rico, and Virgin Islands) was 5.1 per 100,000 population.



Primary and Secondary Syphilis and HIV—Proportion of MSM* Attending STD Clinics with Primary and Secondary Syphilis who are Co-infected with HIV, STD Surveillance Network (SSuN), 2012

Percentage



*MSM=men who have sex with men.

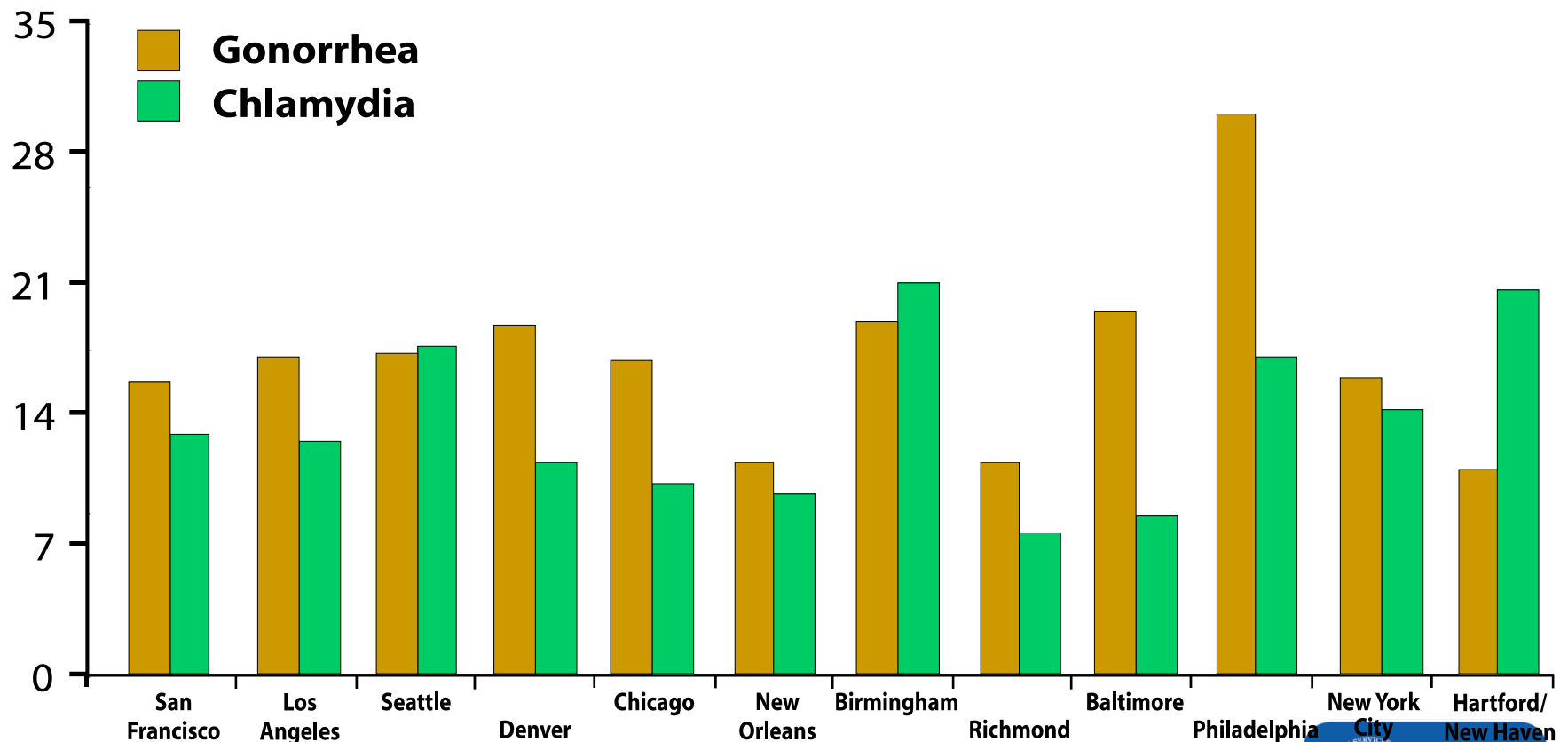
NOTE: Includes sites that reported data on at least 25 MSM with primary and secondary syphilis in 2012.





Gonorrhea and Chlamydia—Proportion of MSM* Attending STD Clinics Testing Positive for Gonorrhea and Chlamydia, STD Surveillance Network (SSuN), 2012

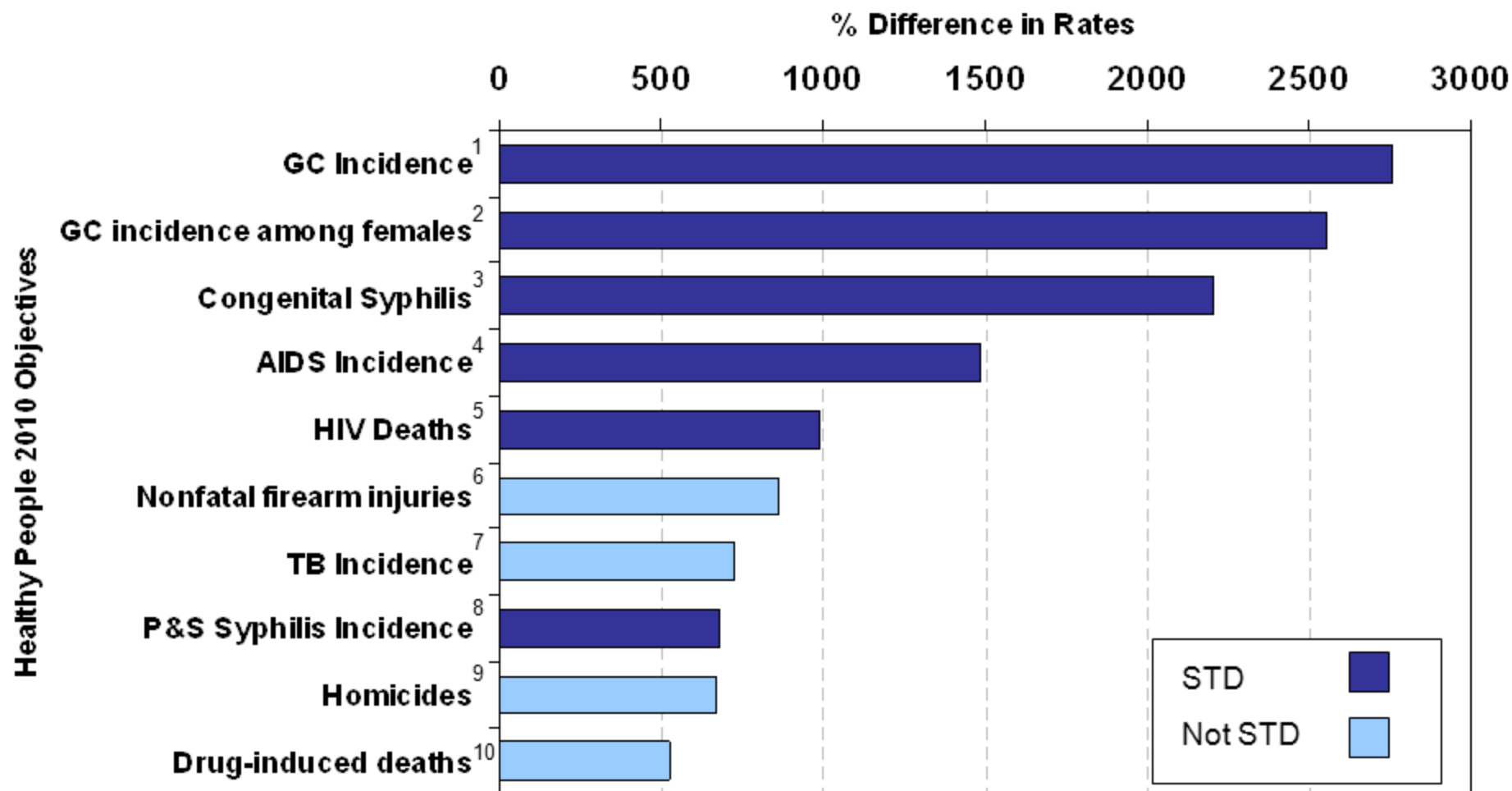
Percentage



*Among men who have sex with men who were tested for gonorrhea and/or chlamydia.



10 Largest Racial & Ethnic Health Disparities in the U.S. based on Healthy People 2010 Objectives
 African-American rates compared to lowest rate
 (from: Keppel *et al*, American Journal of Epidemiology, 2007)



1. Per 100,000 population (2003)

2. Females aged 15-44, per 100,000 female population (2003)

3. Per 100,000 live births (2003)

4. Per 100,000 population aged ≥ 13 yrs (2003)

5. Age-adjusted rate per 100,000 standard population (2002)

6. Per 100,000 population (2001)

7. Per 100,000 population (2003)

8. Primary and Secondary Syphilis, per 100,000 population (2003)

9. Age-adjusted rate per 100,000 standard population (2002)

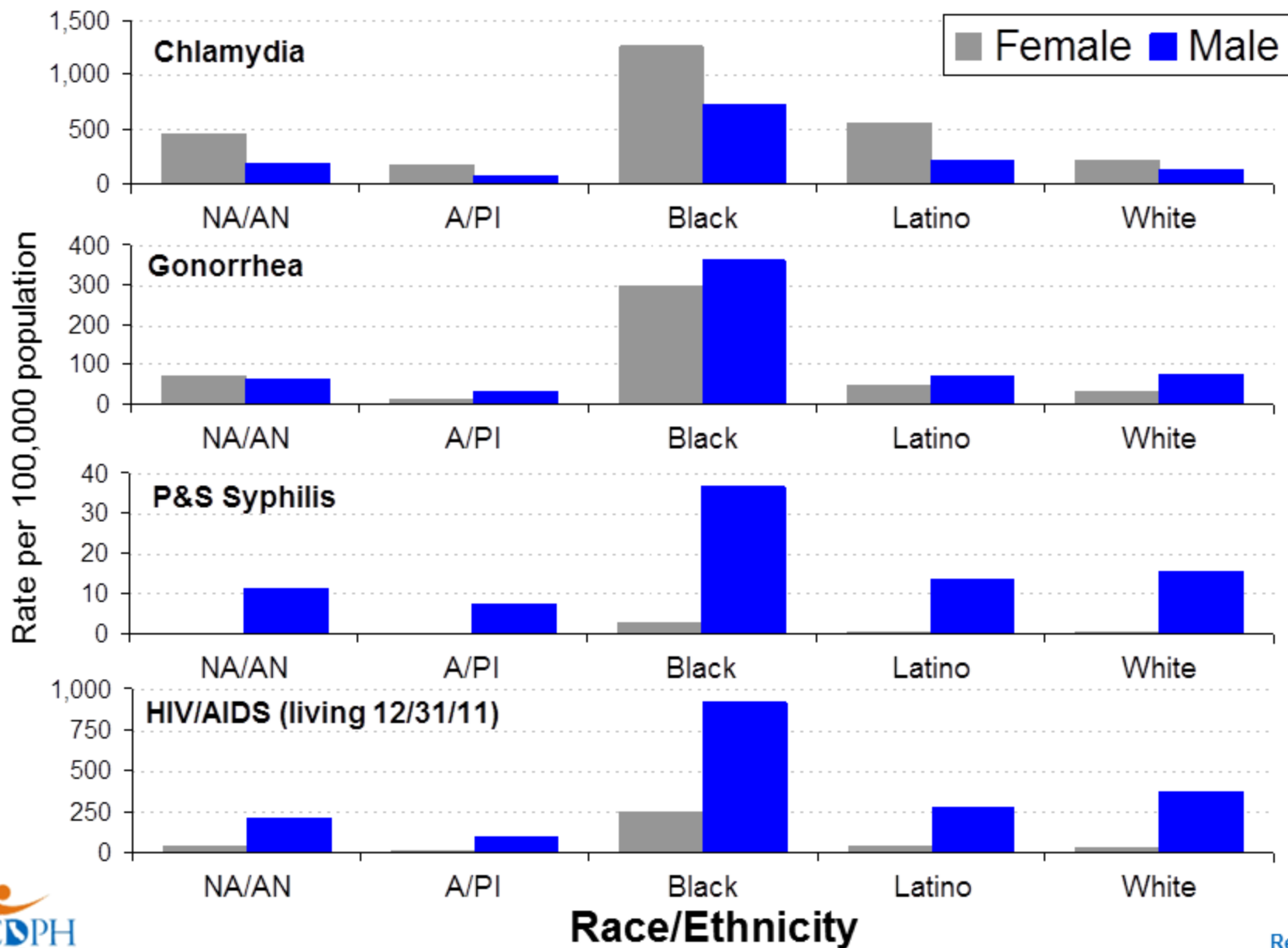
10. Age-adjusted rate per 100,000 standard population (2002)



CA STD Surveillance Data



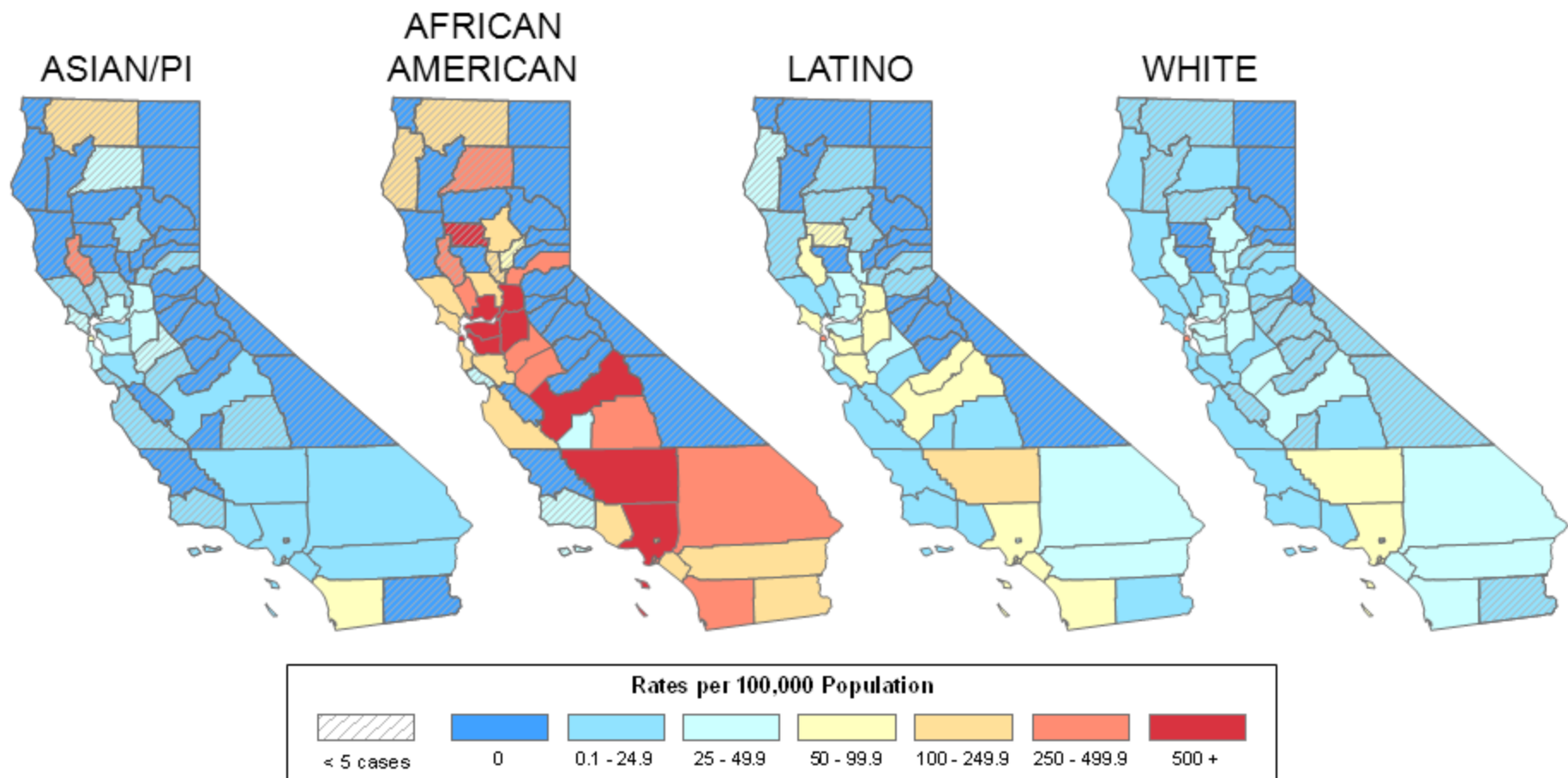
Incidence Rates of Chlamydia, Gonorrhea, P&S Syphilis, and HIV/AIDS by Race/Ethnicity and Gender — California, 2012



Note: NA/AN = Native American/Alaskan Native, A/PI = Asian/Pacific Islander



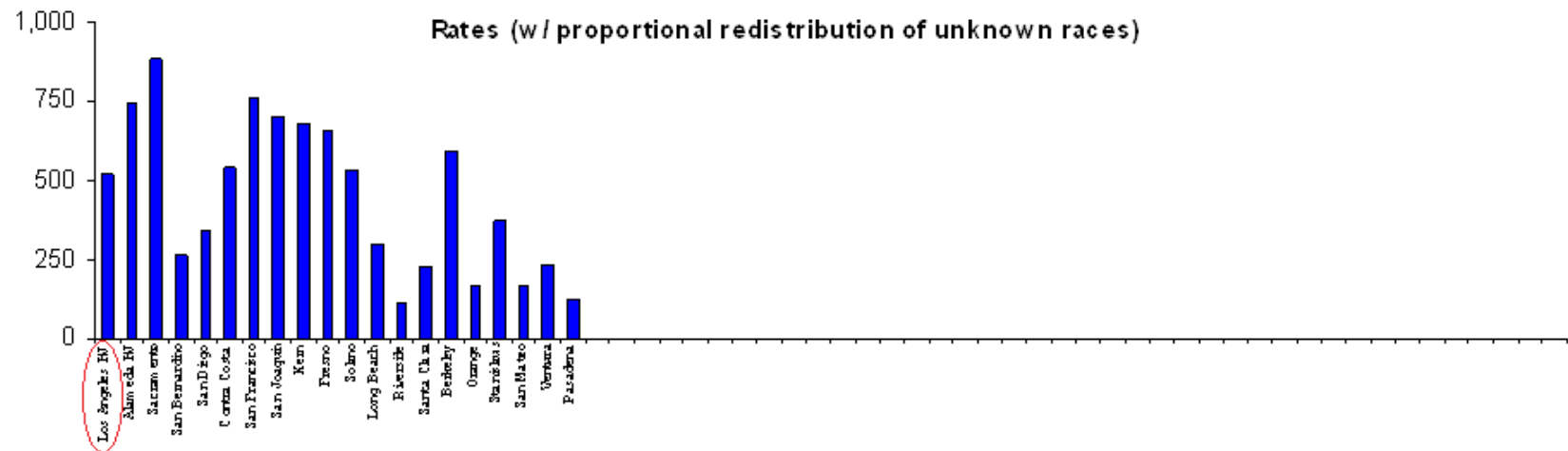
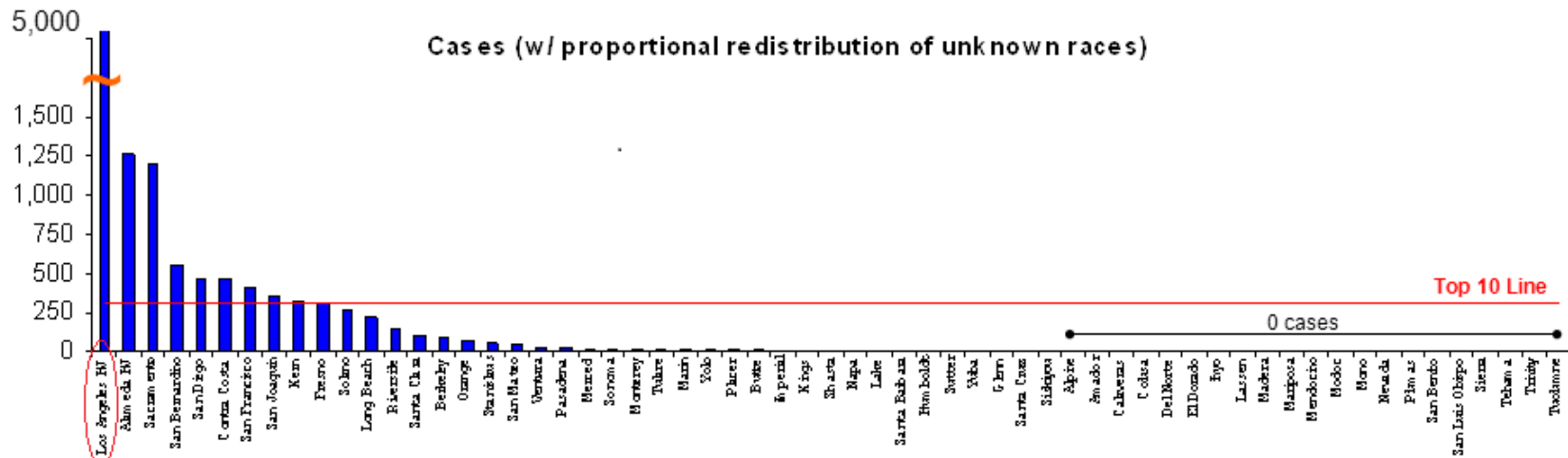
Gonorrhea Rates by Health Jurisdiction & Race/Ethnicity California, 2010



Note: Cases with unspecified race have been redistributed based on the ratio of individual races to total known races. Cases with missing gender have been excluded from the gender-specific redistribution analysis.

Source: California Department of Public Health, STD Control Branch

African American Gonorrhoea Cases and Rates by Health Jurisdiction in California, 2010

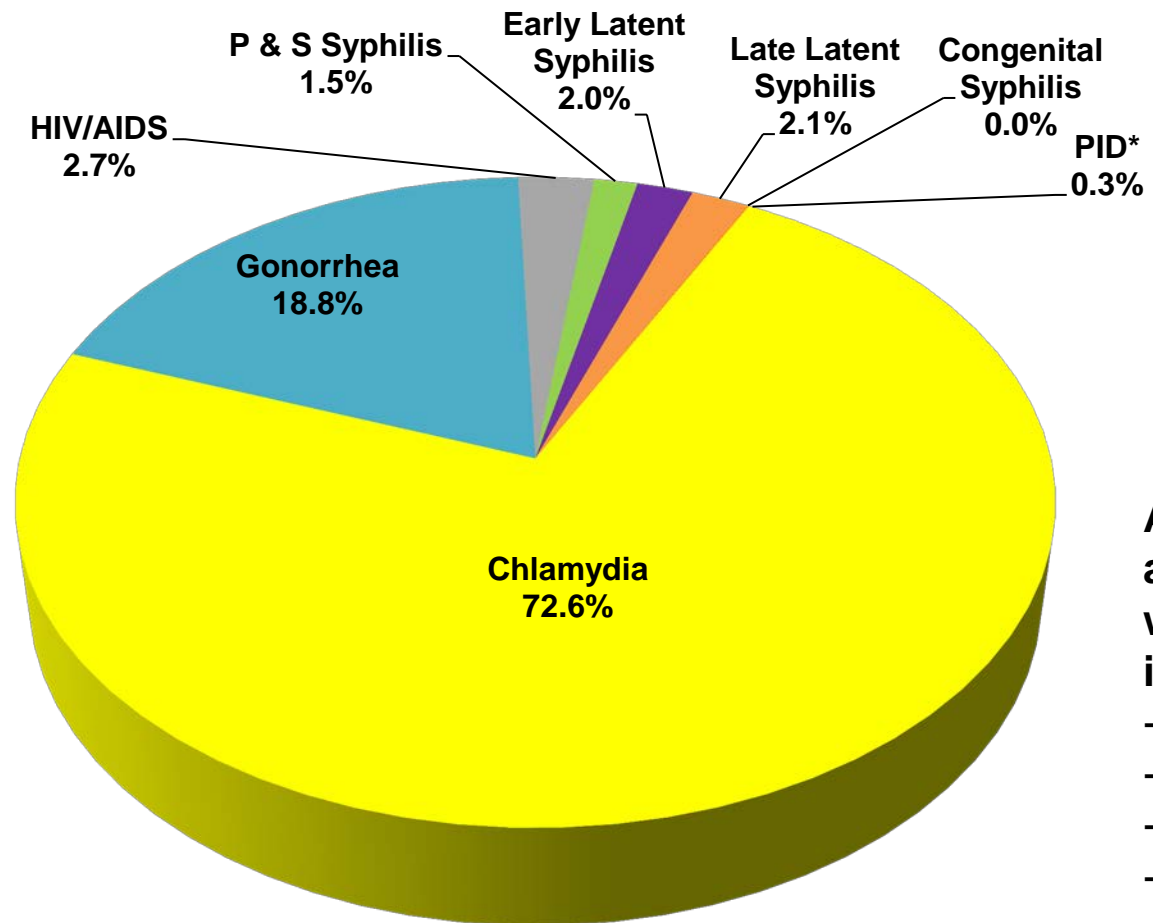




LAC STD Surveillance Data, 2013



Reported STD and HIV/AIDS Cases Los Angeles County, 2013



A total of 66,290 STD and HIV/AIDS cases were reported in LAC in 2013:

- **72.6% Chlamydia**
- **18.8% Gonorrhea**
- **5.6% Syphilis**
- **2.7% HIV/AIDS**

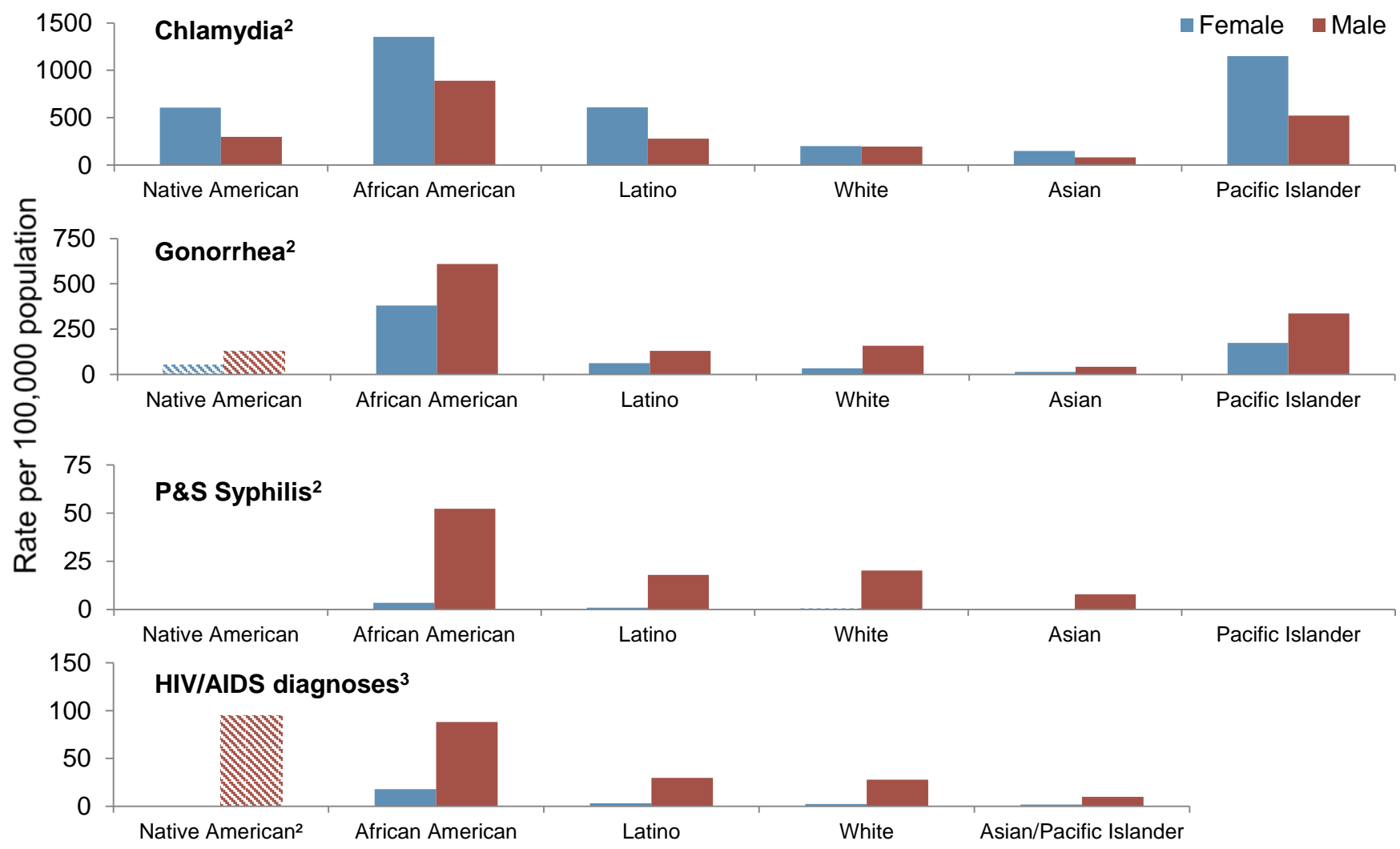
*Pelvic Inflammatory Disease (PID) includes Chlamydia, Non-Chlamydia, Gonococcal, and Non-Gonococcal.
Note: Data are reported as of September 2014 and exclude cases of Chlamydia, Gonorrhea, Syphilis, and PID in Long Beach and Pasadena.

Chlamydia, Gonorrhea, P&S Syphilis and HIV Cases Diagnosed and Rates for Selected US Urban Areas, 2012

Geographic Area	Chlamydia Rate (n) ¹	Gonorrhea Rate (n) ¹	P&S Syphilis Rate (n) ¹	HIV Rate (n) ^{1,2}
Los Angeles County, CA ³	521 (48,461)	123 (11,425)	9 (878)	19 (1,911)
Chicago, IL ⁴	1,039 (28,006)	360 (9,715)	21 (577)	37 (1,008)
Houston, TX ⁵	836 (17,561)	263 (5,519)	21 (442)	53 (1,114)
King County, WA ⁵	357 (6,896)	81 (1,560)	12 (223)	15 (292)
Miami-Dade County, FL	387 (9,650)	97 (2,412)	14 (348)	50 (1,262)
New York, NY	764 (62,460)	180 (14,747)	12 (996)	38 (3,141)
San Francisco, CA ⁵	605 (4,871)	309 (2,486)	61 (489)	51 (413)
Washington, D.C. ^{4,5}	1,094 (6,584)	427 (2,572)	27 (165)	119 (718)
United States ⁴	457 (1,422,976)	108 (334,820)	5 (15,667)	16 (42,181)

1. Rate per 100,000 population.
2. New HIV diagnoses, regardless of stage of infection.
3. Excludes cases of Chlamydia, Gonorrhea and P&S Syphilis in Long Beach and Pasadena.
4. 2012 data not available, rates are from 2011 . Chicago and U.S. data is from 2012 with the exception of the HIV data which is from 2011.
5. Rates not provided in source document, estimated rates were calculated using the 2010 U.S. census population.

Rates of Chlamydia, Gonorrhea, P&S Syphilis and HIV/AIDS by Race/Ethnicity and Gender, LAC 2013¹

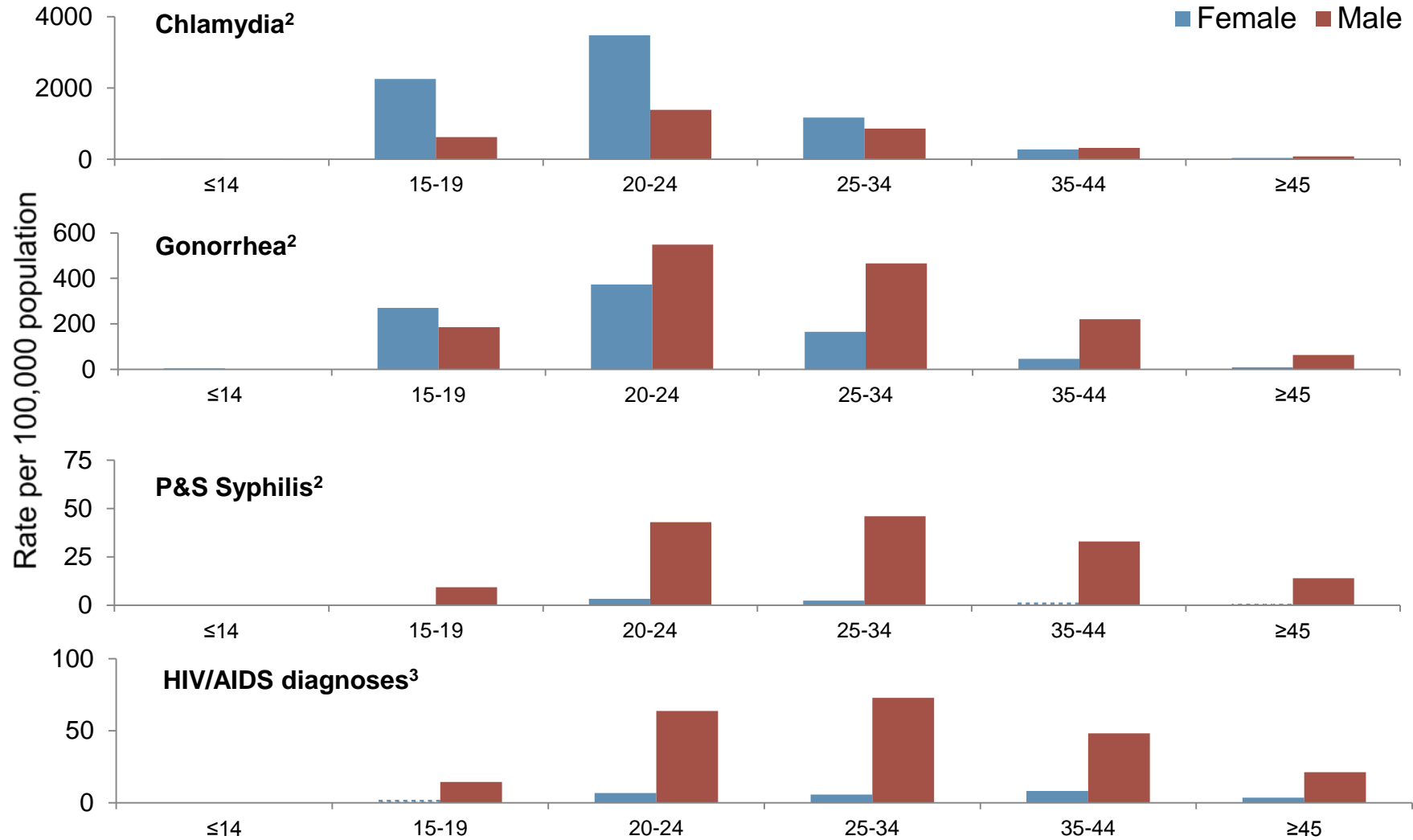


¹ Rates with a pattern fill are unstable due to small numbers (<12); rates for groups with fewer than 5 cases are not shown; 2013 data are provisional due to reporting delay.

² Data are from STD Casewatch system; excludes cases with unknown race/ethnicity and cases in Long Beach and Pasadena.

³ Data are from I-HARS system; includes cases in Long Beach and Pasadena.

Rates of Chlamydia, Gonorrhea, P&S Syphilis and HIV/AIDS by Age and Gender, LAC 2013¹



¹ Rates with a pattern fill are unstable due to small numbers (<12); rates for groups with fewer than 5 cases are not shown; 2013 data are provisional due to reporting delay.

² Data are from STD Casewatch system; excludes cases with unknown race/ethnicity and cases in Long Beach and Pasadena.

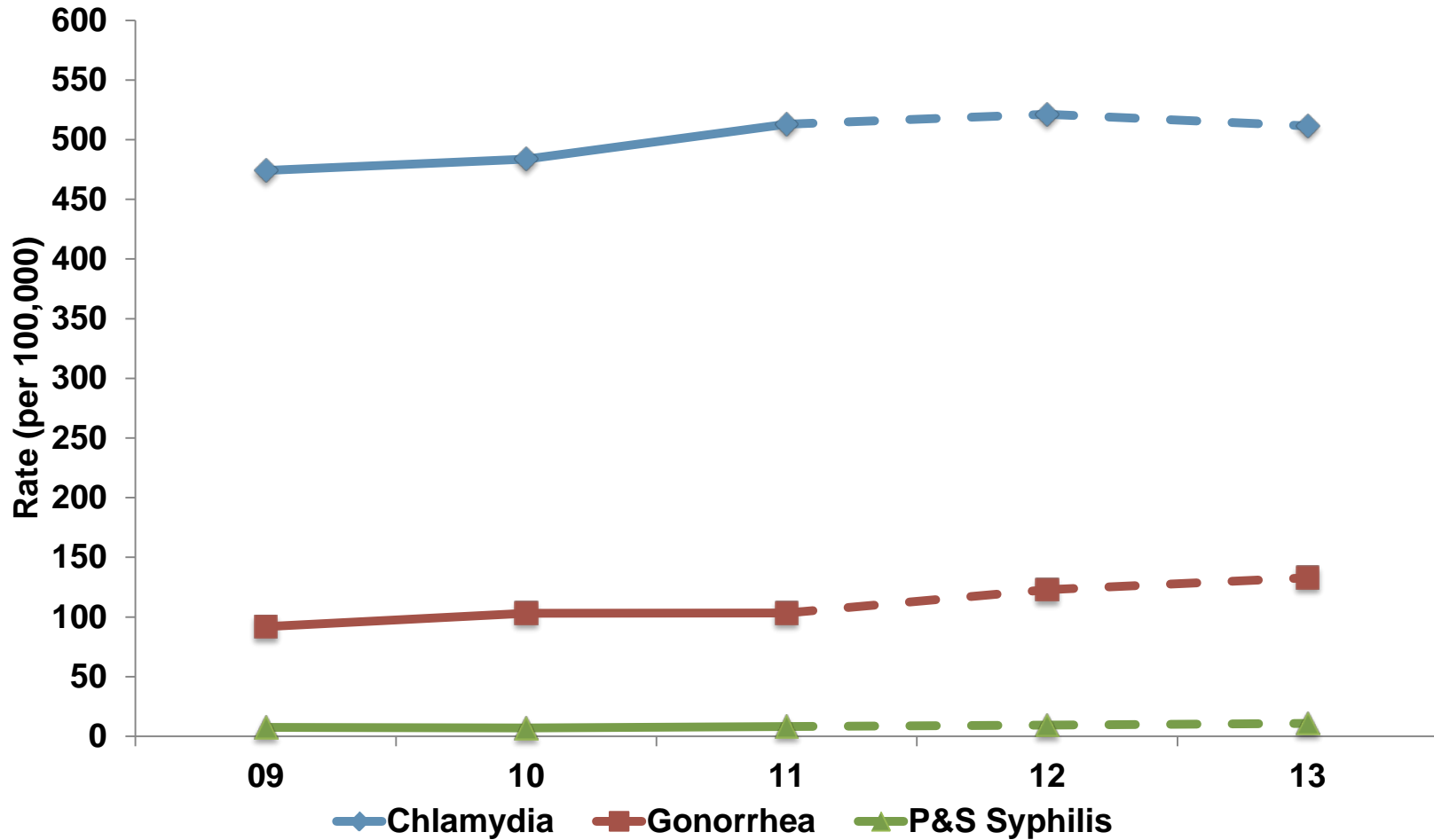
³ Data are from I-HARS system; includes cases in Long Beach and Pasadena.



Chlamydia, Gonorrhea and Syphilis (P&S and EL) Rates by Gender and Race/Ethnicity, LAC, 2009-2013

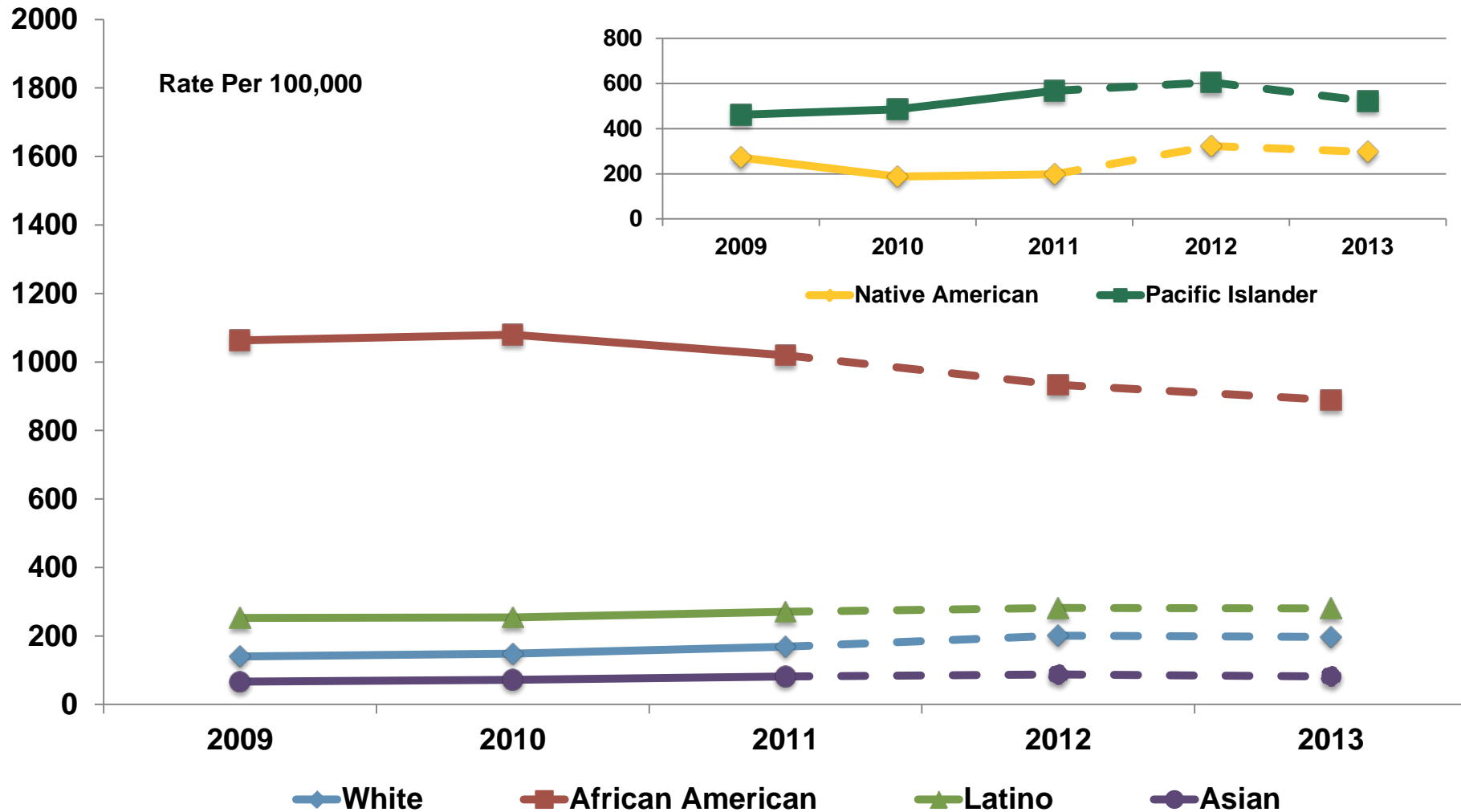


Chlamydia, Gonorrhea and P&S Syphilis Rates, Los Angeles County, 2009-2013¹



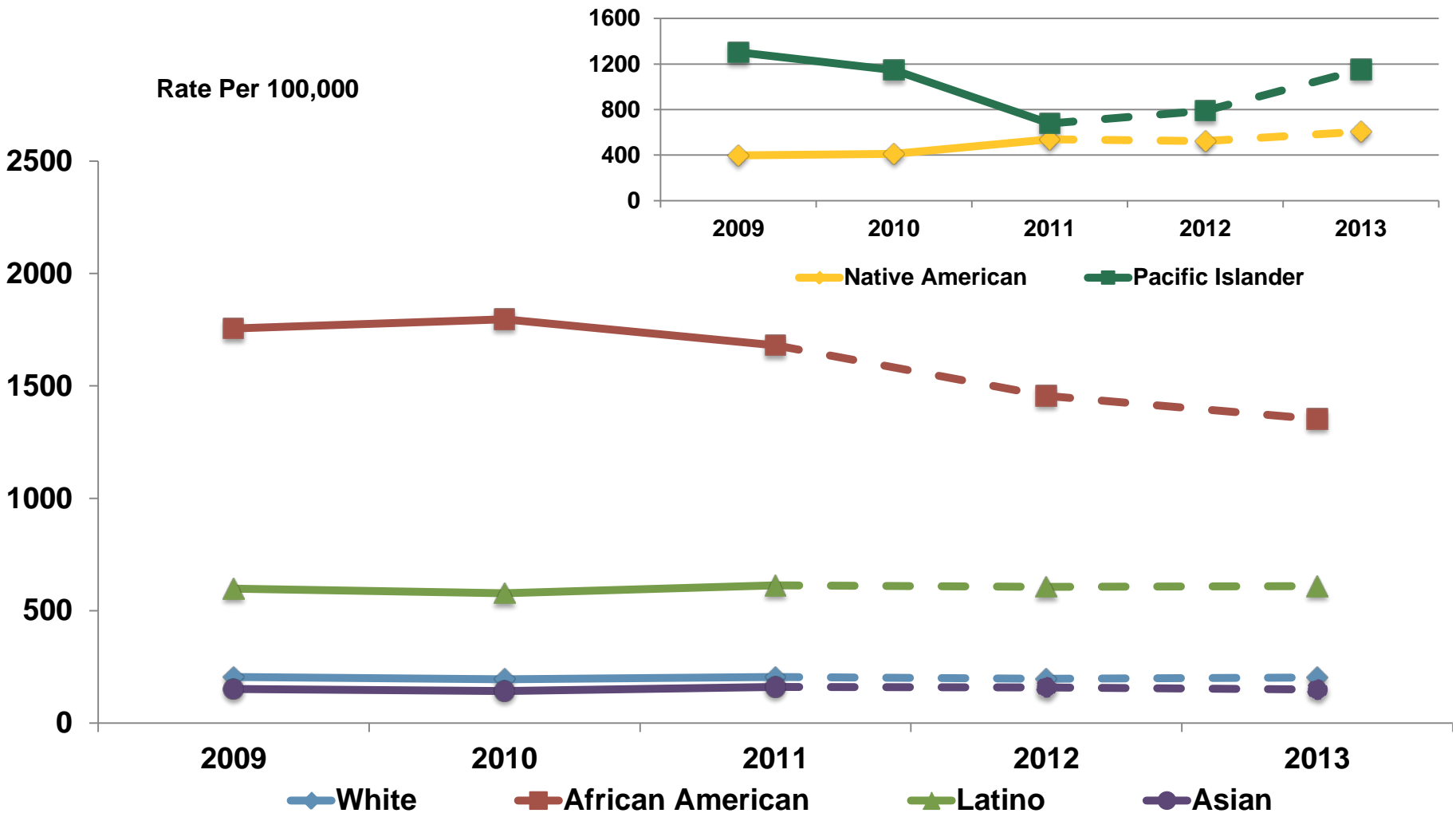
¹ Data are from STD Casewatch as of 07/25/2014 ; excludes cases in Long Beach and Pasadena; 2011-2013 data are provisional due to reporting delay.

Chlamydia Rates Among Males by Race/Ethnicity, LAC 2009-2013¹



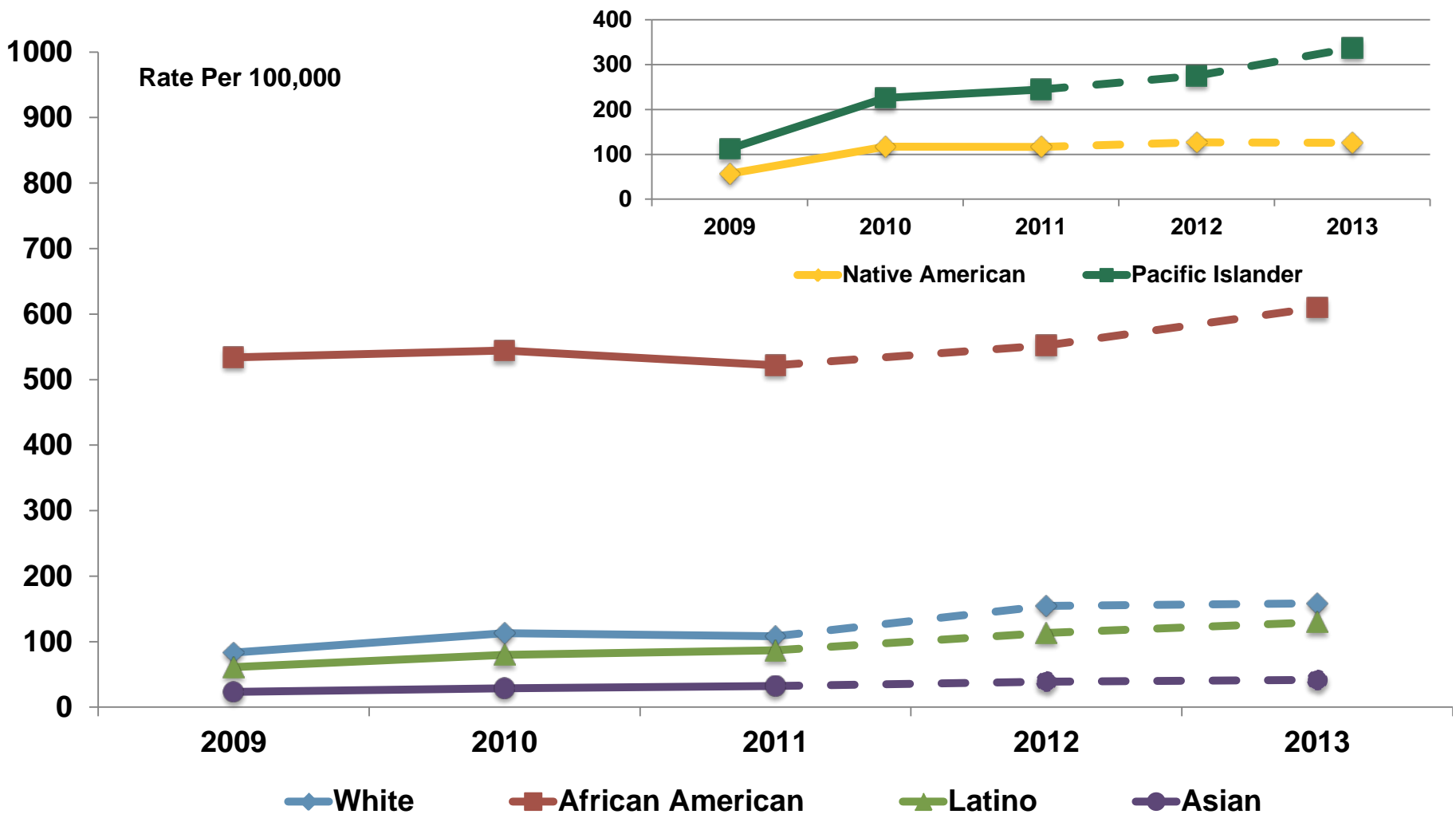
¹ Data are from STD Casewatch as of 07/25/2014; excludes cases with unknown race/ethnicity and cases in Long Beach and Pasadena; rates for groups with fewer than 5 cases are not shown; rates for API and NA may be unstable due to small numbers. 2011-2013 data are provisional due to reporting delay.

Chlamydia Rates Among Females by Race/Ethnicity, LAC 2009-2013¹



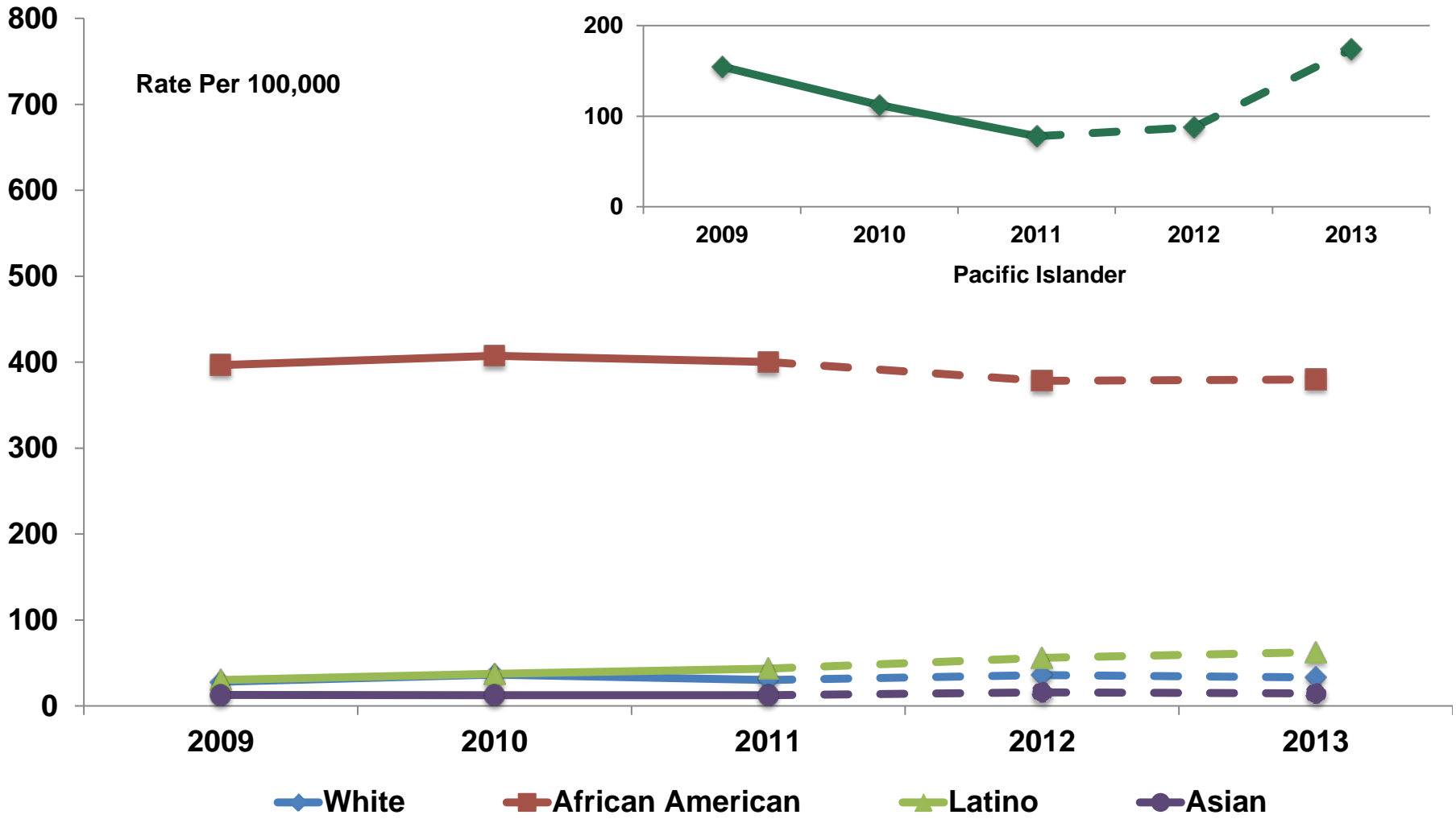
¹ Data are from STD Casewatch as of 07/25/2014; excludes cases with unknown race/ethnicity and cases in Long Beach and Pasadena; rates for groups with fewer than 5 cases are not shown; rates for API and NA may be unstable due to small numbers. 2011-2013 data are provisional due to reporting delay.

Gonorrhea Rates Among Males by Race/Ethnicity, LAC 2009-2013¹



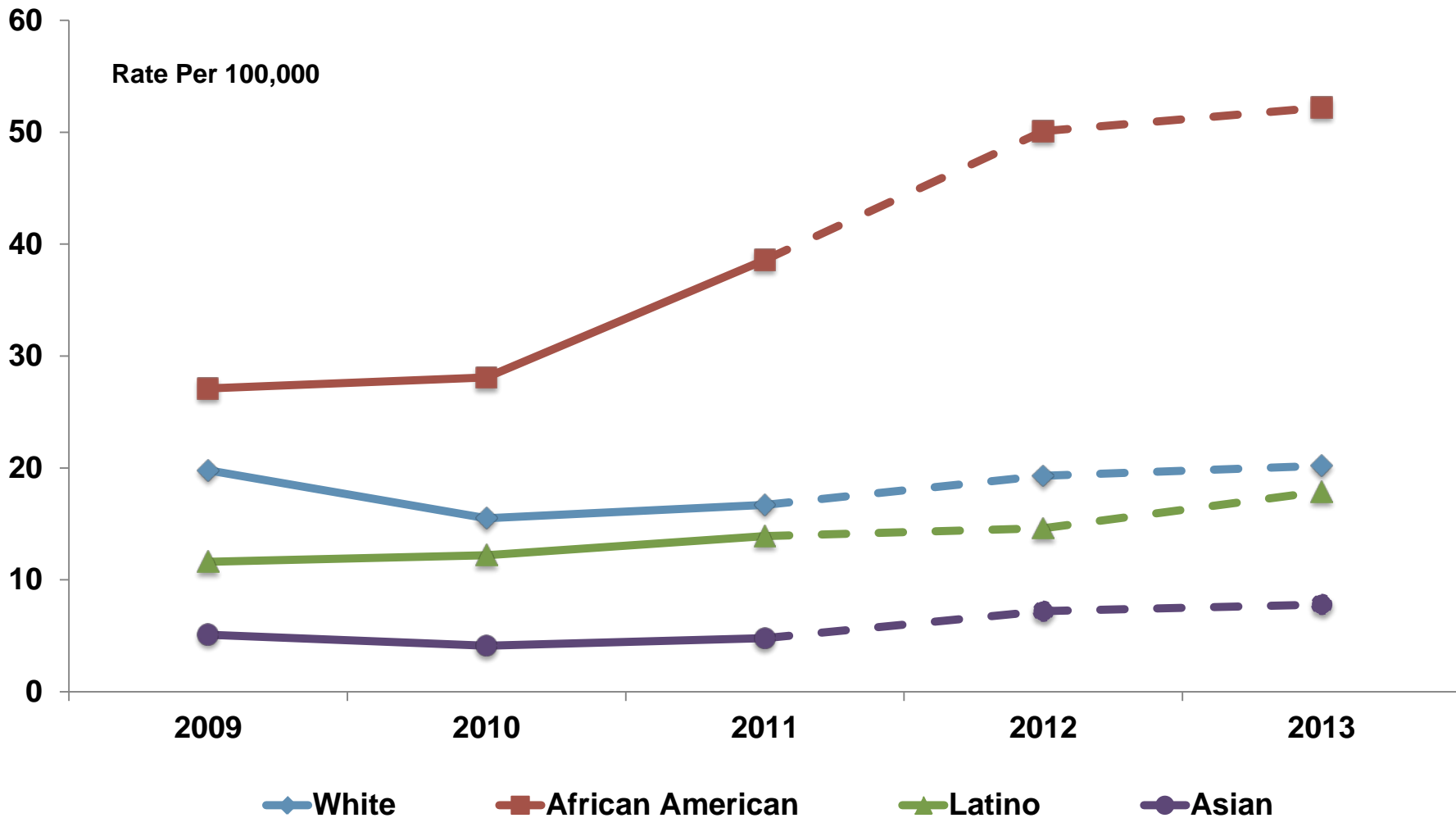
¹ Data are from STD Casewatch as of 07/25/2014; excludes cases with unknown race/ethnicity and cases in Long Beach and Pasadena; rates for groups with fewer than 5 cases are not shown; rates for API and NA may be unstable due to small numbers. 2011-2013 data are provisional due to reporting delay.

Gonorrhea Rates Among Females by Race/Ethnicity, LAC 2009-2013¹



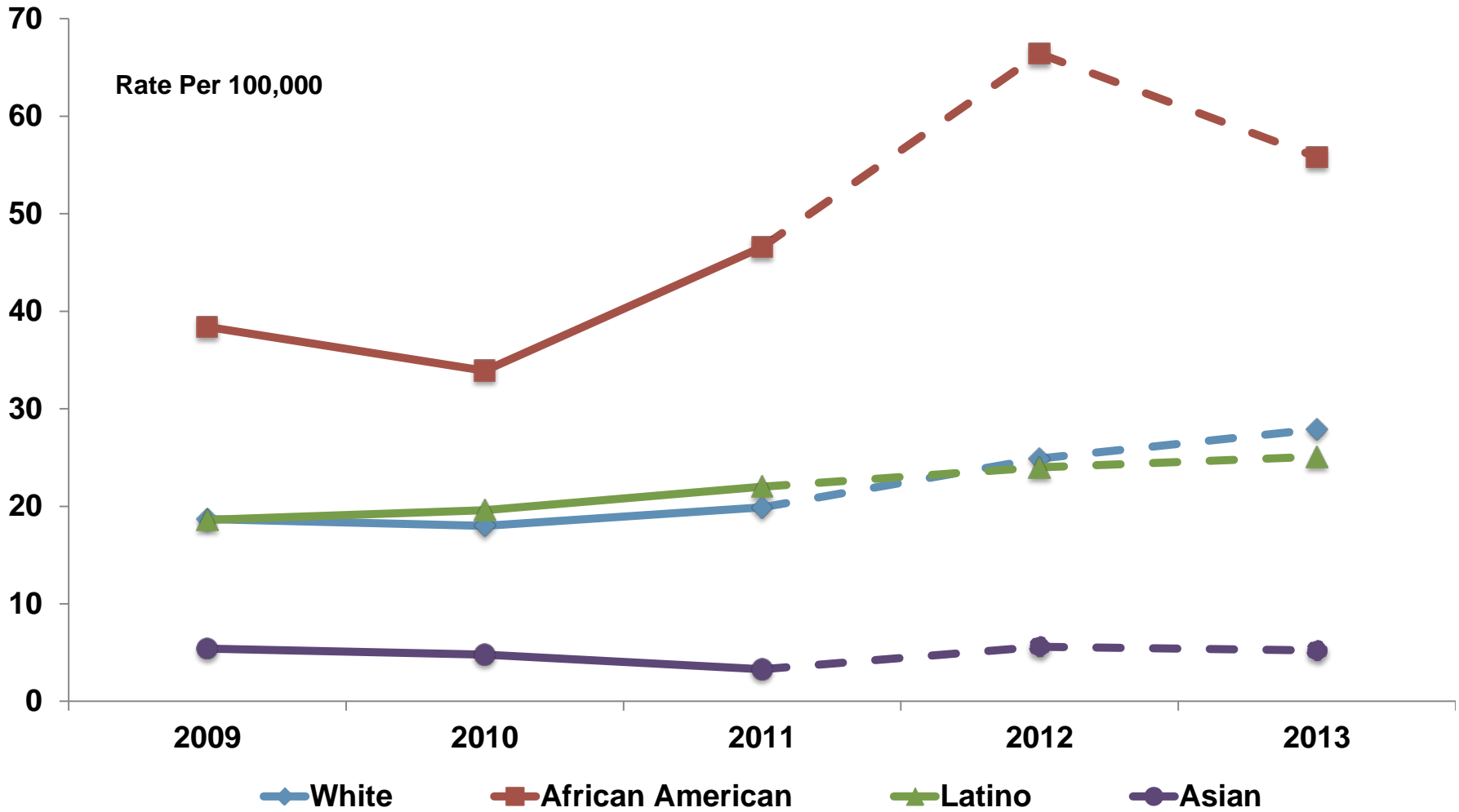
¹ Data are from STD Casewatch as of 07/25/2014; excludes cases with unknown race/ethnicity and cases in Long Beach and Pasadena; rates for groups with fewer than 5 cases are not shown; rates for API and NA may be unstable due to small numbers. 2011-2013 data are provisional due to reporting delay.

P&S Syphilis Rates Among Males by Race/Ethnicity, LAC 2009-2013¹



¹ Data are from STD Casewatch as of 07/25/2014; excludes cases with unknown race/ethnicity and cases in Long Beach and Pasadena; rates for groups with fewer than 5 cases are not shown; rates for API and NA may be unstable due to small numbers. 2011-2013 data are provisional due to reporting delay.

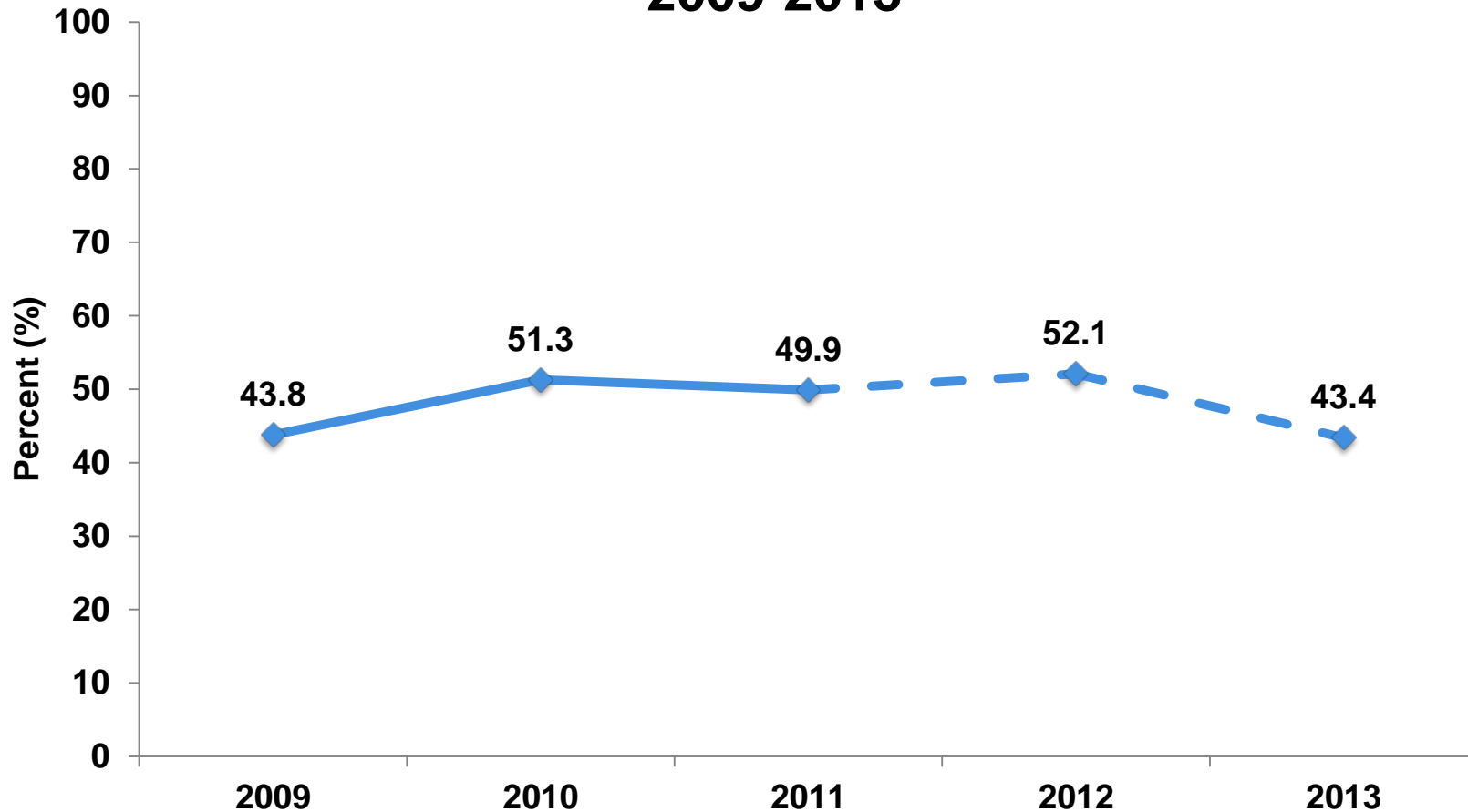
Early Latent Syphilis Rates Among Males by Race/Ethnicity, LAC 2009-2013¹



¹ Data are from STD Casewatch as of 07/25/2014; excludes cases with unknown race/ethnicity and cases in Long Beach and Pasadena; rates for groups with fewer than 5 cases are not shown; rates for API and NA may be unstable due to small numbers. 2011-2013 data are provisional due to reporting delay.



Proportion of MSM and MSMW with Primary and Secondary Syphilis who are Co-infected with HIV, LAC, 2009-2013¹



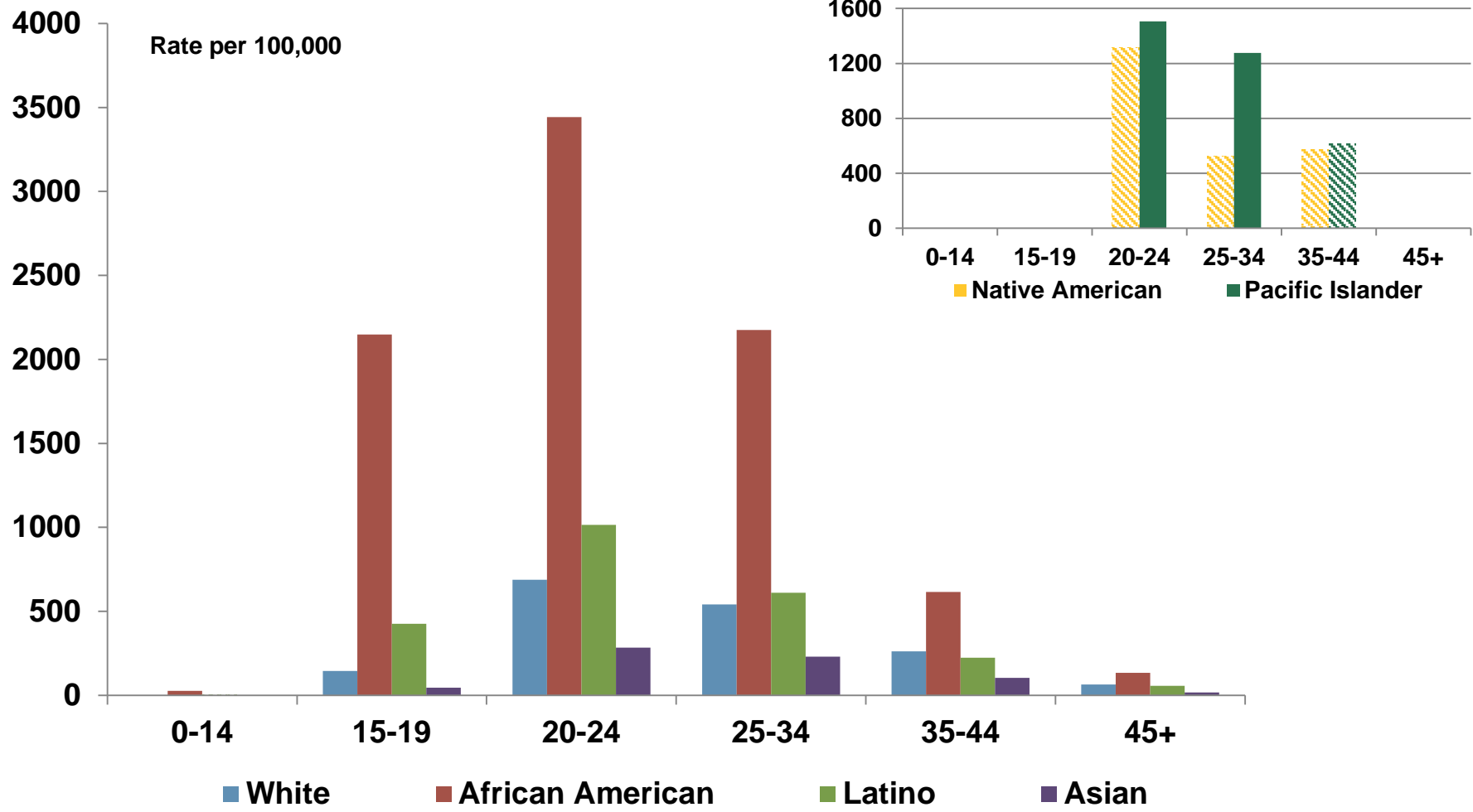
¹ Data are from STD Casewatch as of 09/26/2014 ; excludes cases in Long Beach and Pasadena; 2011-2013 data are provisional due to reporting delay; sexual orientation is based on self-report; all HIV cases are confirmed.



Chlamydia, Gonorrhea and P&S Syphilis Rates by Age, Race/Ethnicity and Gender, LAC, 2013

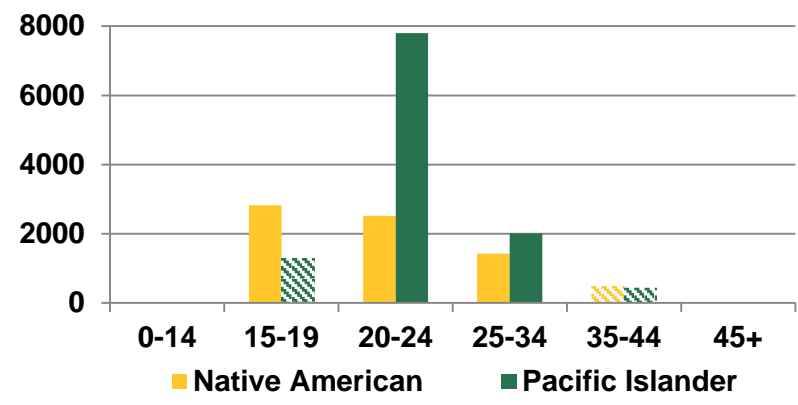
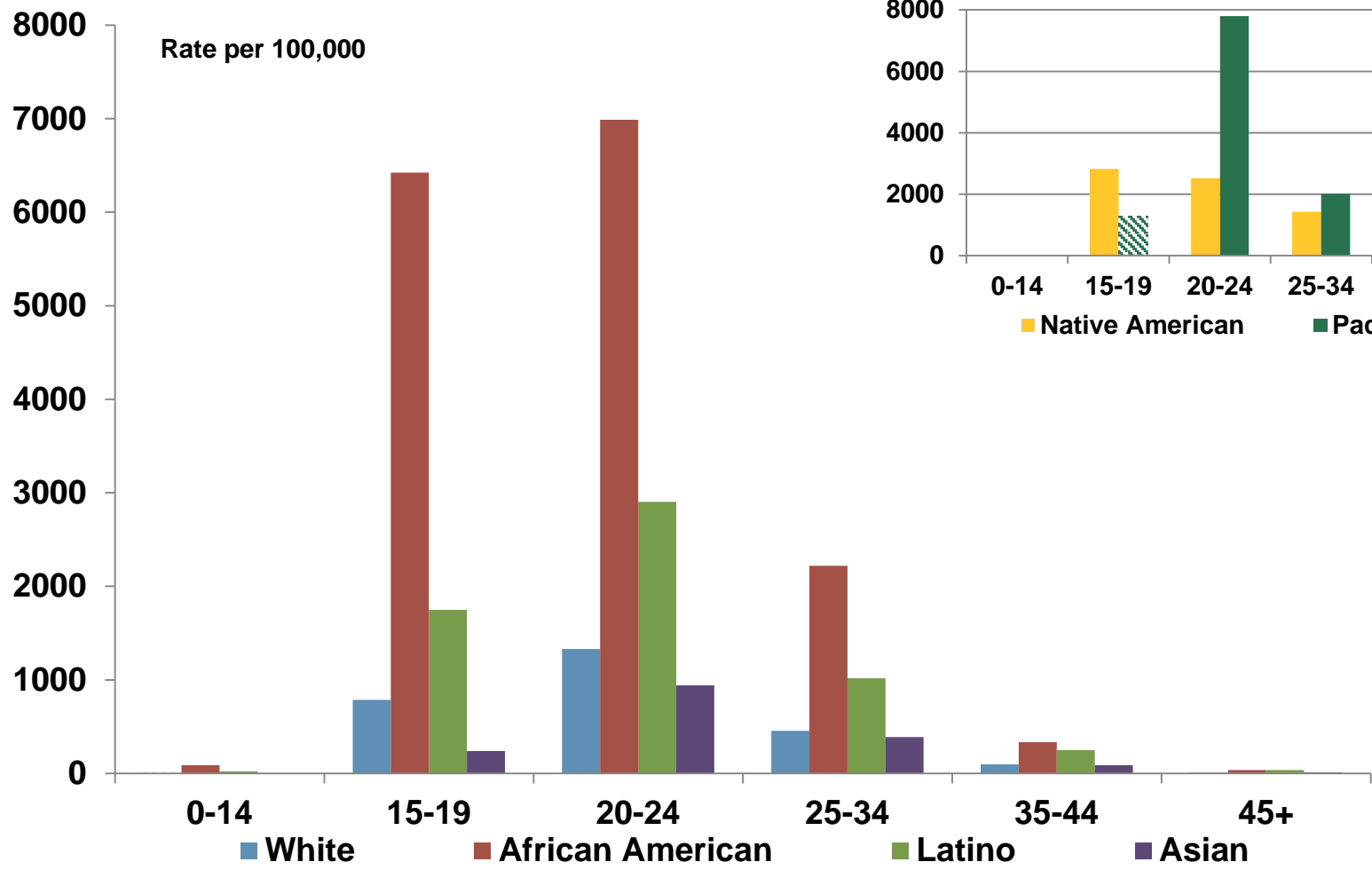


Chlamydia Rates for Males by Age Group & Race/Ethnicity, Los Angeles County, 2013¹



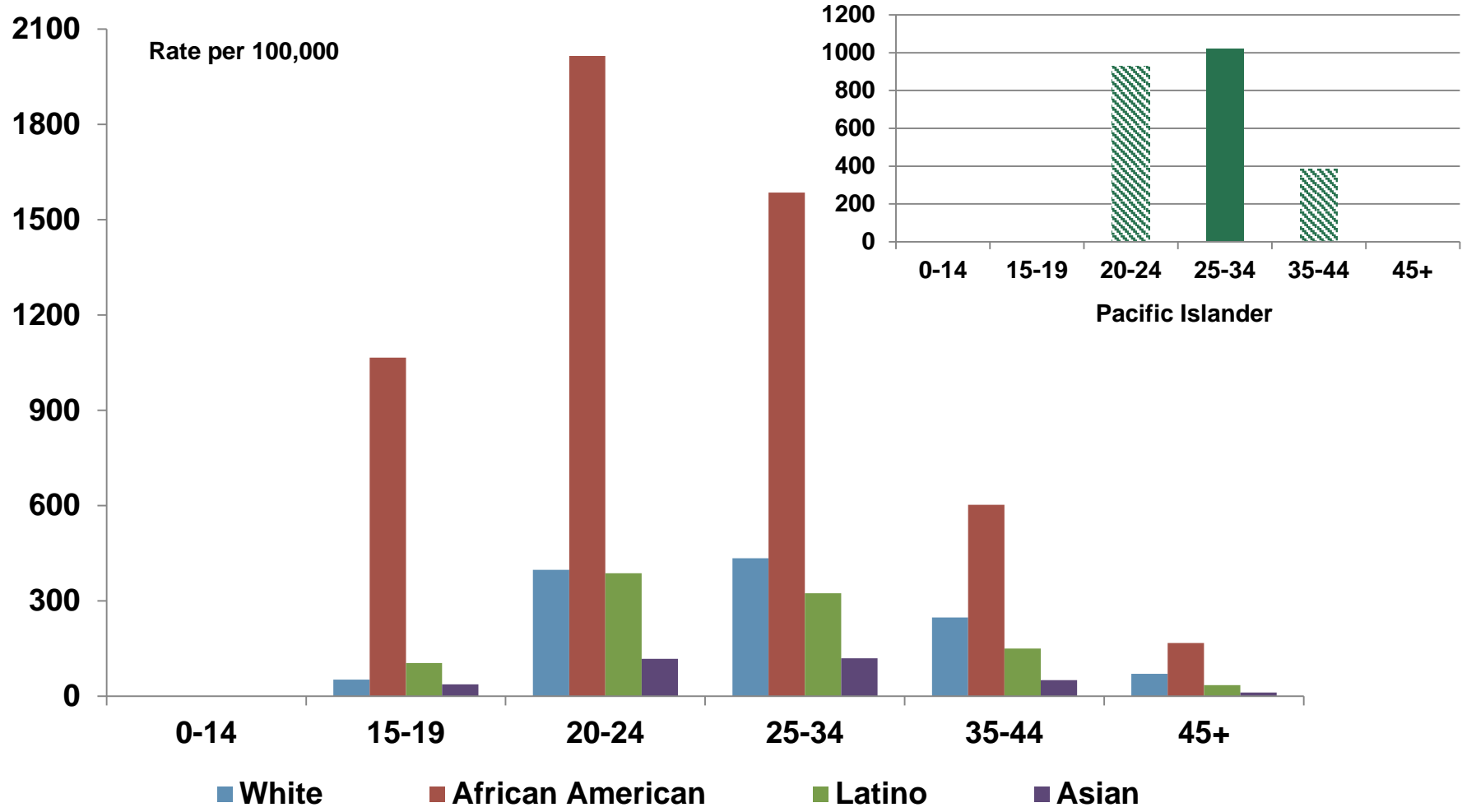
¹Data are from STD Casewatch as of 07/25/2014; excludes cases with unknown race/ethnicity and cases in Long Beach and Pasadena; 2013 data are provisional due to reporting delay. Rates with a pattern fill are unstable due to small numbers (<12); rates for groups with fewer than 5 cases are not shown.

Chlamydia Rates for Females by Age Group & Race/Ethnicity, Los Angeles County, 2013¹



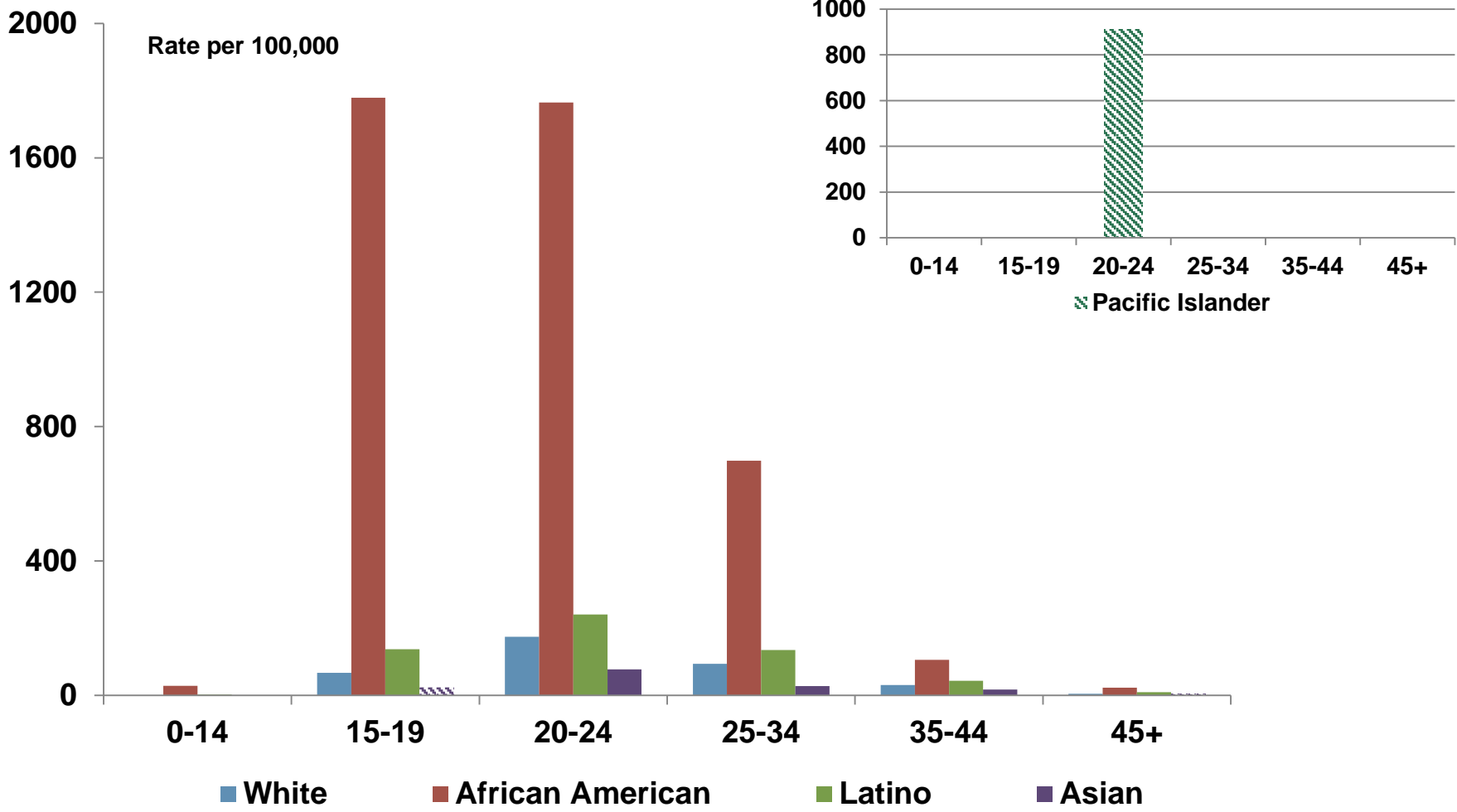
¹Data are from STD Casewatch as of 07/25/2014; excludes cases with unknown race/ethnicity and cases in Long Beach and Pasadena; 2013 data are provisional due to reporting delay. Rates with a pattern fill are unstable due to small numbers (<12); rates for groups with fewer than 5 cases are not shown.

Gonorrhea Rates for Males by Age Group & Race/Ethnicity, Los Angeles County, 2013¹



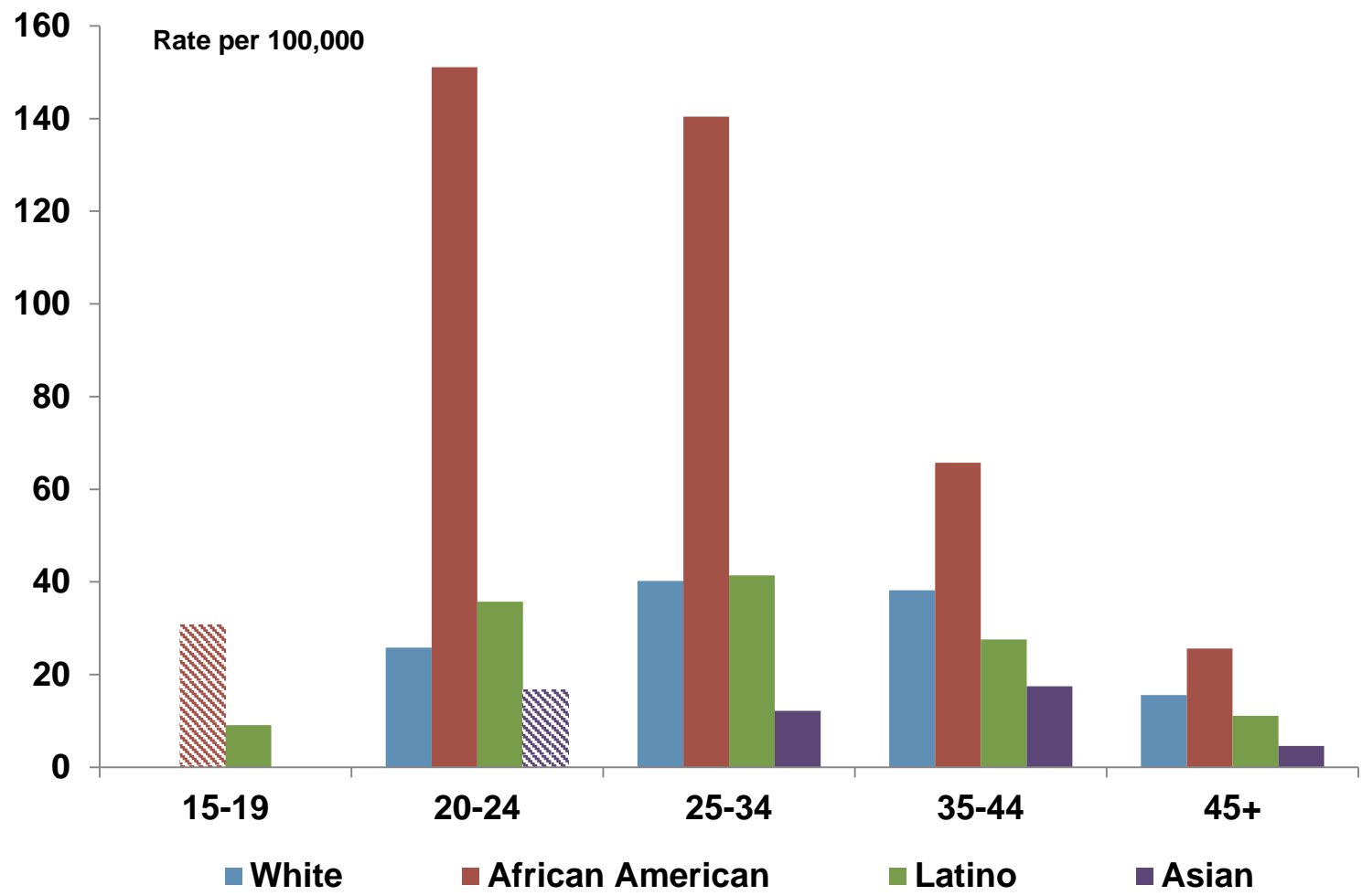
¹Data are from STD Casewatch as of 07/25/2014; excludes cases with unknown race/ethnicity and cases in Long Beach and Pasadena; 2013 data are provisional due to reporting delay. Rates with a pattern fill are unstable due to small numbers (<12); rates for groups with fewer than 5 cases are not shown.

Gonorrhea Rates for Females by Age Group & Race/Ethnicity, Los Angeles County, 2013¹



¹Data are from STD Casewatch as of 07/25/2014; excludes cases with unknown race/ethnicity and cases in Long Beach and Pasadena; 2013 data are provisional due to reporting delay. Rates with a pattern fill are unstable due to small numbers (<12); rates for groups with fewer than 5 cases are not shown.

Primary & Secondary Syphilis Rates for Males by Age Group & Race/Ethnicity, Los Angeles County, 2013¹



¹Data are from STD Casewatch as of 07/25/2014; excludes cases with unknown race/ethnicity and cases in Long Beach and Pasadena; 2013 data are provisional due to reporting delay. Rates with a pattern fill are unstable due to small numbers (<12); rates for groups with fewer than 5 cases are not shown.

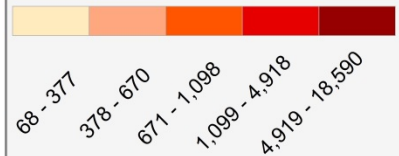


Chlamydia, Gonorrhea and P&S Syphilis Rates and New Cases by SPA and Zipcode, LAC, 2013



2013 Chlamydia Cases per 100,000 by Census Tract & Service Planning Area (SPA)

Chlamydia Cases per 100,000



- Data Unavailable
- <5 Cases
- Unstable Population Measures

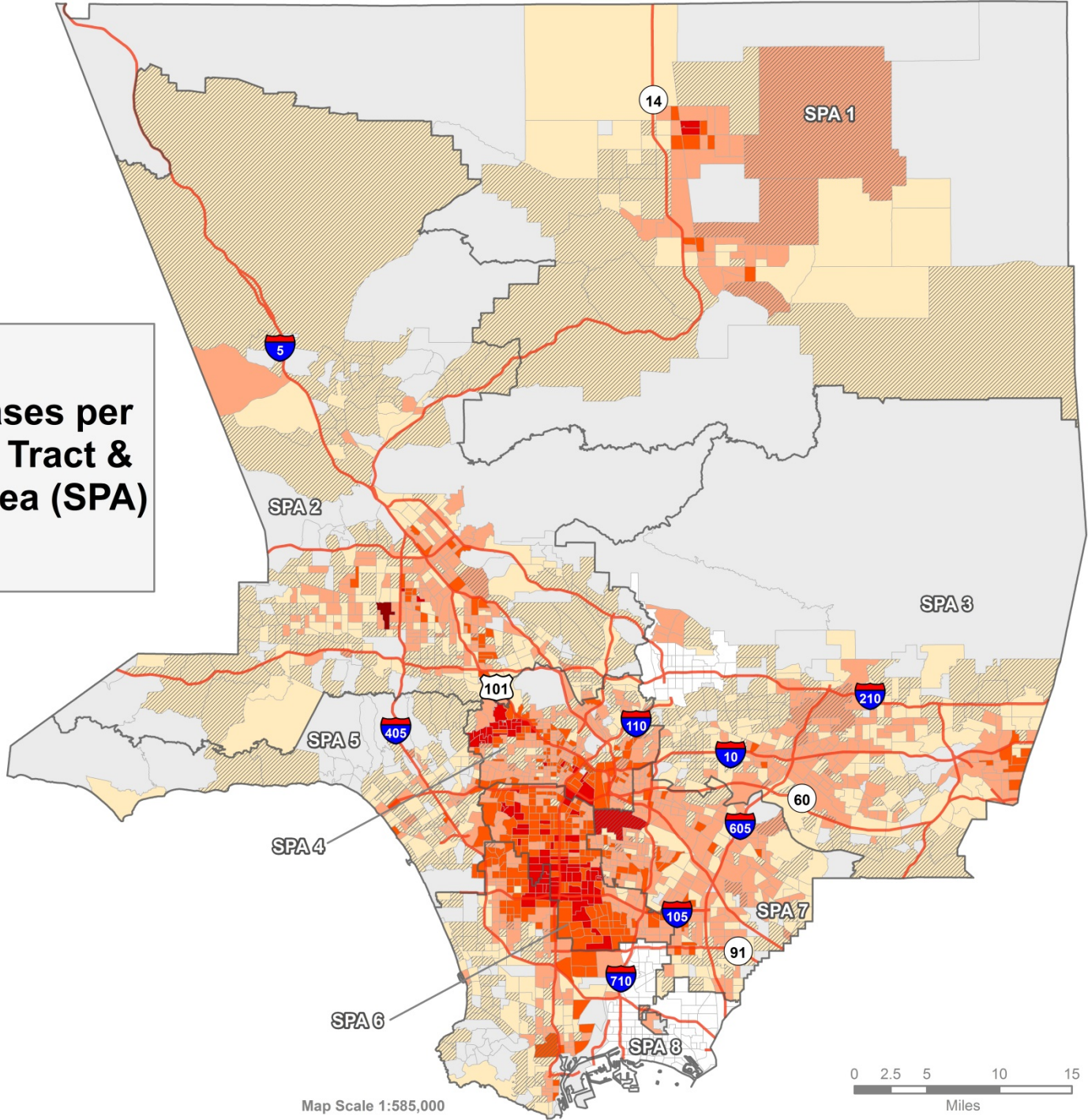


Rates are considered unstable for <12 observations (in accordance with DHSP standard criterion)

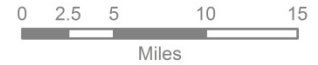
Data Source: U.S. Census Tract Population Estimates prepared by Hedderson Demographic Services for Los Angeles County Internal Services Department

2010 U.S. Census Tract Data U.S. Dept. of Commerce

HIV/STD Surveillance Data Los Angeles County Dept. of Public Health Division of HIV & STD Programs



Map Scale 1:585,000



2013 Gonorrhea Cases per 100,000 by Census Tract & Service Planning Area (SPA)

Gonorrhea Cases per 100,000

40 - 209
210 - 396
397 - 874
875 - 1,993
1,994 - 3,846

□ Data Unavailable
□ <5 Cases
▨ Unstable Population Measures

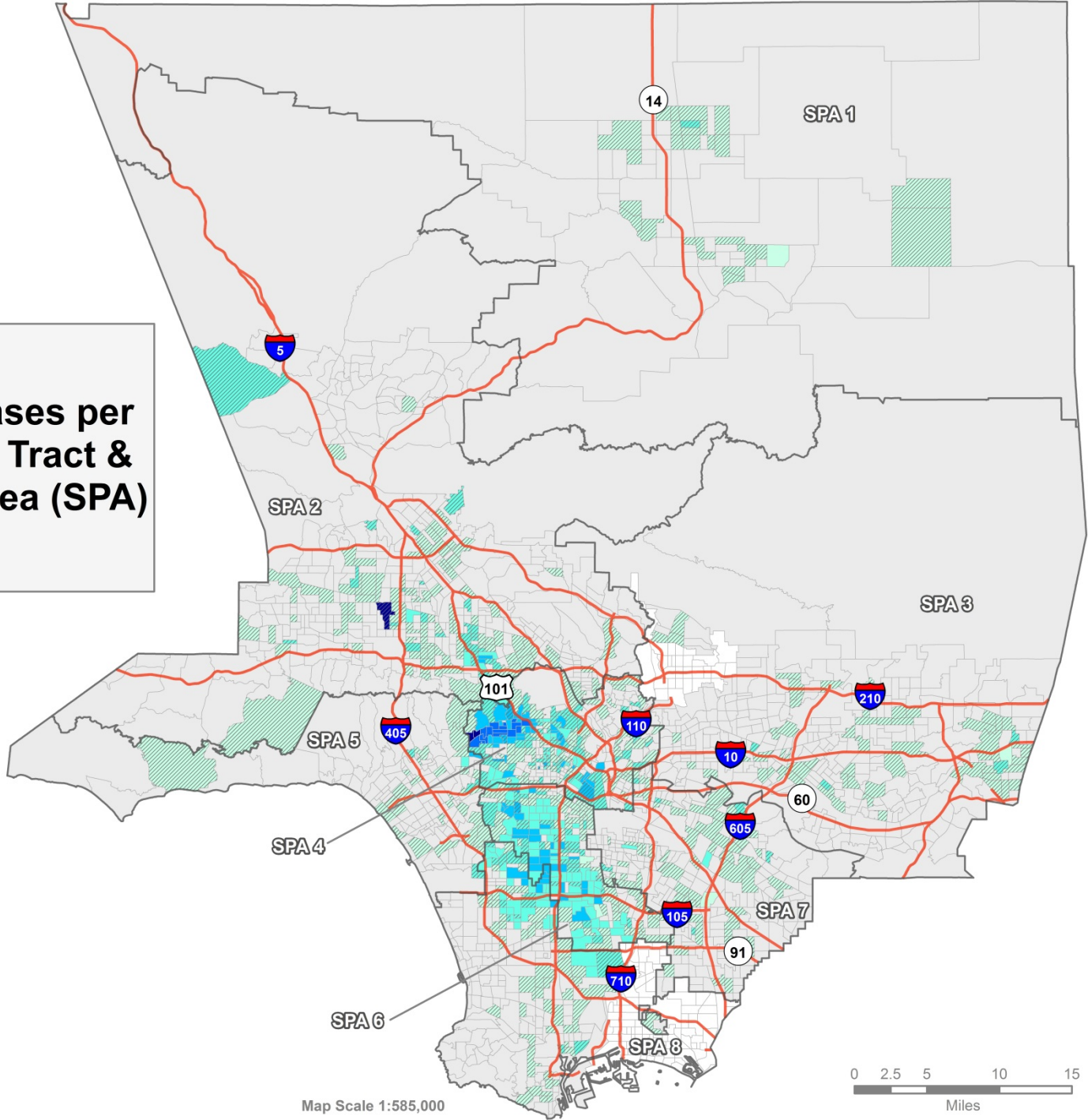
COUNTY OF LOS ANGELES
Public Health
Division of HIV and STD Programs

Rates are considered unstable for <12 observations (in accordance with DHSP standard criterion)

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2010 U.S. Census Tract Data U.S. Dept. of Commerce

HIV/STD Surveillance Data Los Angeles County Dept. of Public Health Division of HIV & STD Programs



2013 Syphilis Cases per 100,000 by Census Tract & Service Planning Area (SPA)

Syphilis Cases per 100,000

67 - 128
129 - 193
194 - 280
281 - 447
448 - 801

□ Data Unavailable
□ <5 Cases
▨ Unstable Population Measures

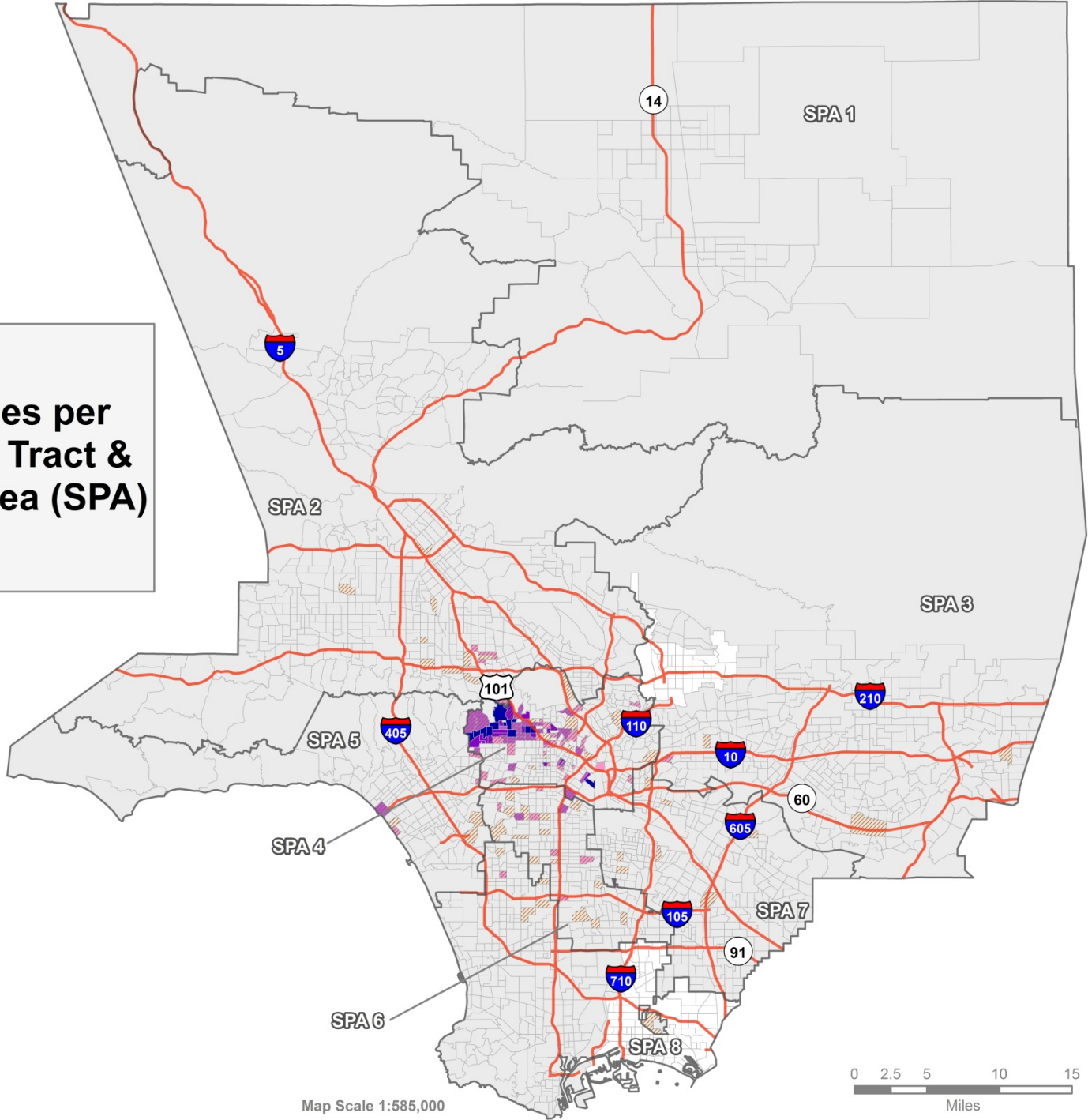
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2010 U.S. Census Tract Data U.S. Dept. of Commerce

HIV/STD Surveillance Data Los Angeles County Dept. of Public Health Division of HIV & STD Programs



Map Scale 1:585,000



Chlamydia, Gonorrhea, P&S Syphilis, and HIV Rates and Cases by Service Planning Area (SPA), LAC 2013¹



Service Planning Area (SPA)	Chlamydia Rate ² (n)	Gonorrhea Rate ² (n)	P&S Syphilis Rate ² (n)	HIV Rate ² (n)
Antelope Valley (1)	533 (2,086)	100 (389)	5 (18)	8 (32)
San Fernando (2)	352 (7,653)	85 (1,851)	8 (168)	11 (241)
San Gabriel (3)	359 (5,872)	63 (1,029)	4 (71)	9 (152)
Metro (4)	677 (7,719)	301 (3,434)	34 (389)	53 (600)
West (5)	313 (2,024)	84 (545)	8 (49)	13 (81)
South (6)	955 (9,837)	246 (2,539)	11 (115)	23 (235)
East (7)	480 (6,288)	80 (1,050)	7 (98)	11 (143)
South Bay (8)	470 (5,061)	120 (1,288)	8 (86)	18 (272)
Unknown	---- (1,542)	---- (360)	---- (16)	---- (23)
LAC Total	511 (48,099)	133 (12,486)	11 (1,014)	18 (1,779)

¹ STD data are from STD Casewatch and exclude cases in Long Beach and Pasadena; HIV data are from the I-HARS system and include cases in Long Beach and Pasadena; 2013 data are provisional due to reporting delay

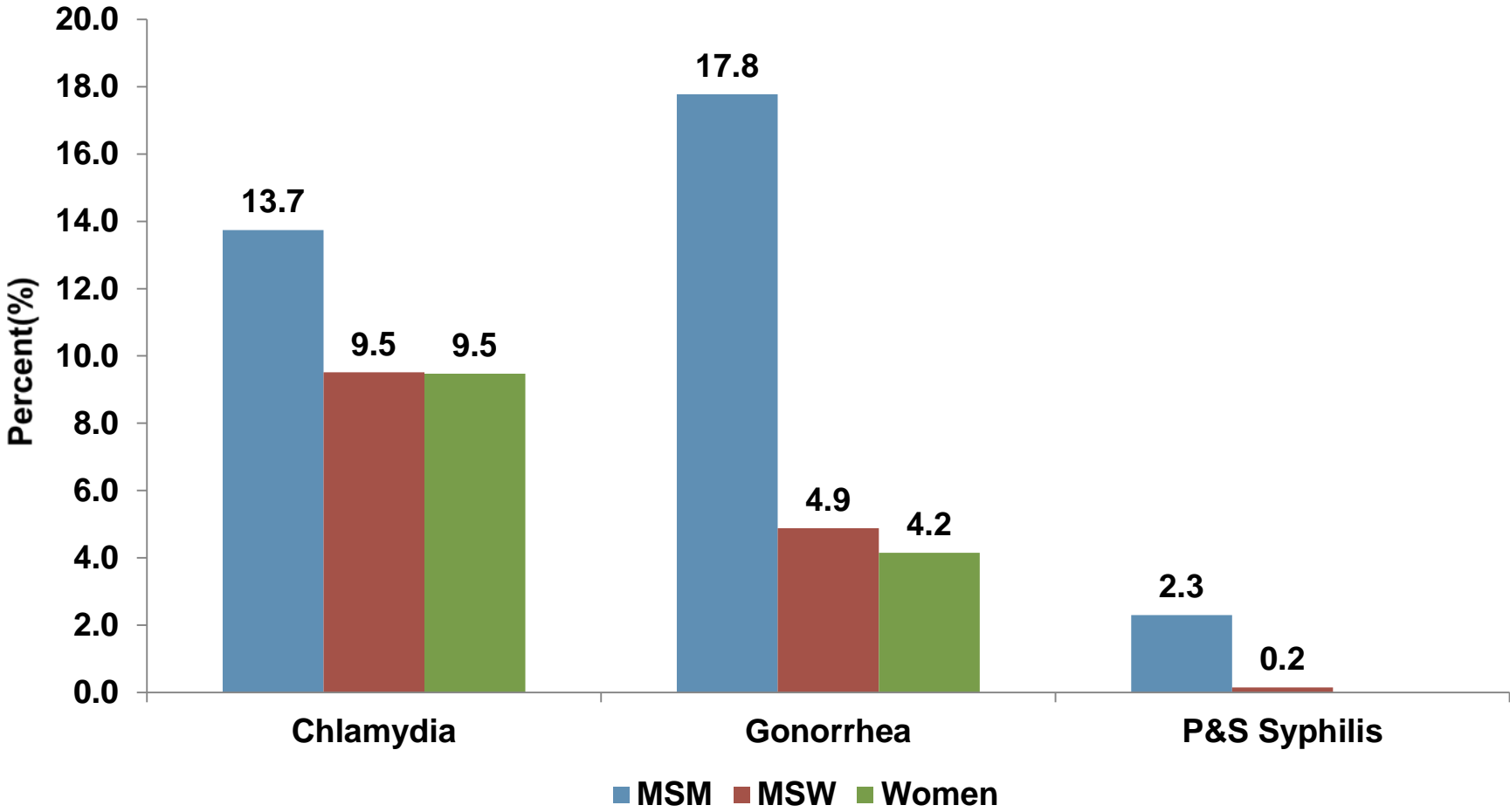
² Per 100,000 population



Chlamydia, Gonorrhea and P&S Syphilis Positivity among LAC STD Clinic Patients by Race/Ethnicity and Gender of Sex Partner, 2013

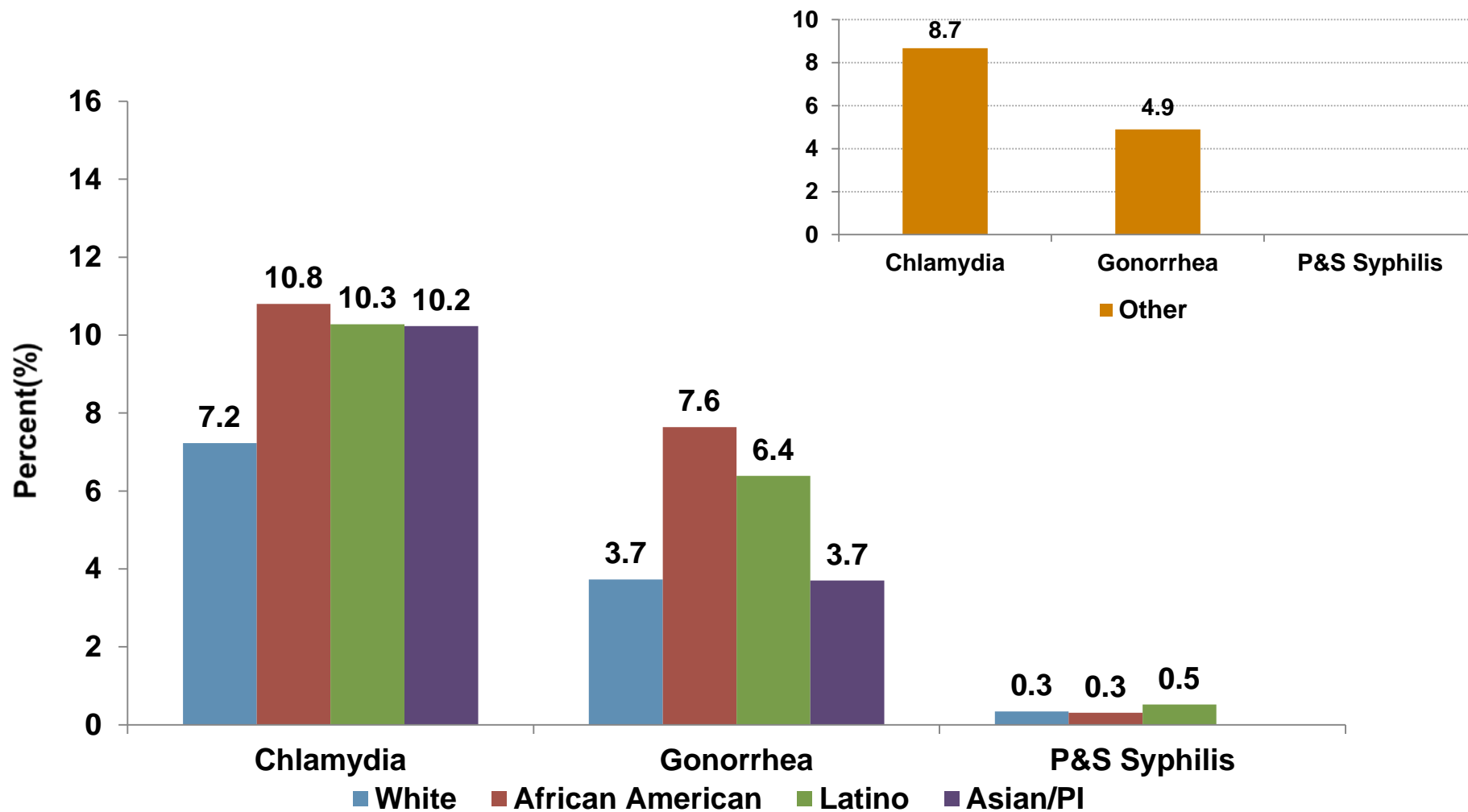


Proportion of MSM, MSW and Women Testing Positive for Chlamydia, Gonorrhea and P&S Syphilis, LAC STD Clinics 2013¹



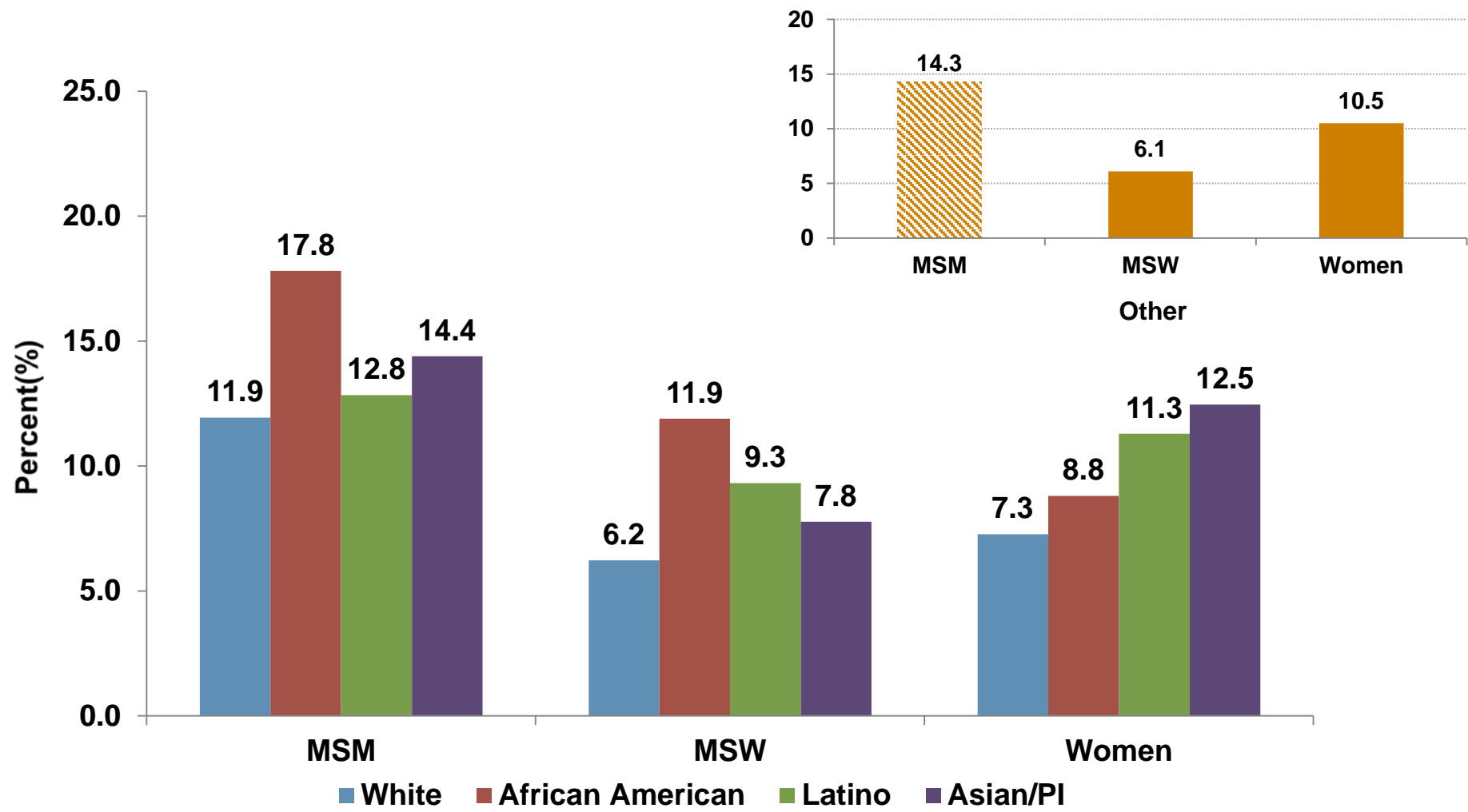
¹ Includes 20,856 persons who were tested for CT; 20,911 for GC and 18,830 for P&S SY in 2013; Rates with a pattern fill are unstable due to small numbers (<12); rates for groups with fewer than 5 cases are not shown.

Proportion of STD Clinic Patients Testing Positive for Chlamydia, Gonorrhea and P&S Syphilis, by Race/Ethnicity, LAC STD Clinics 2013¹



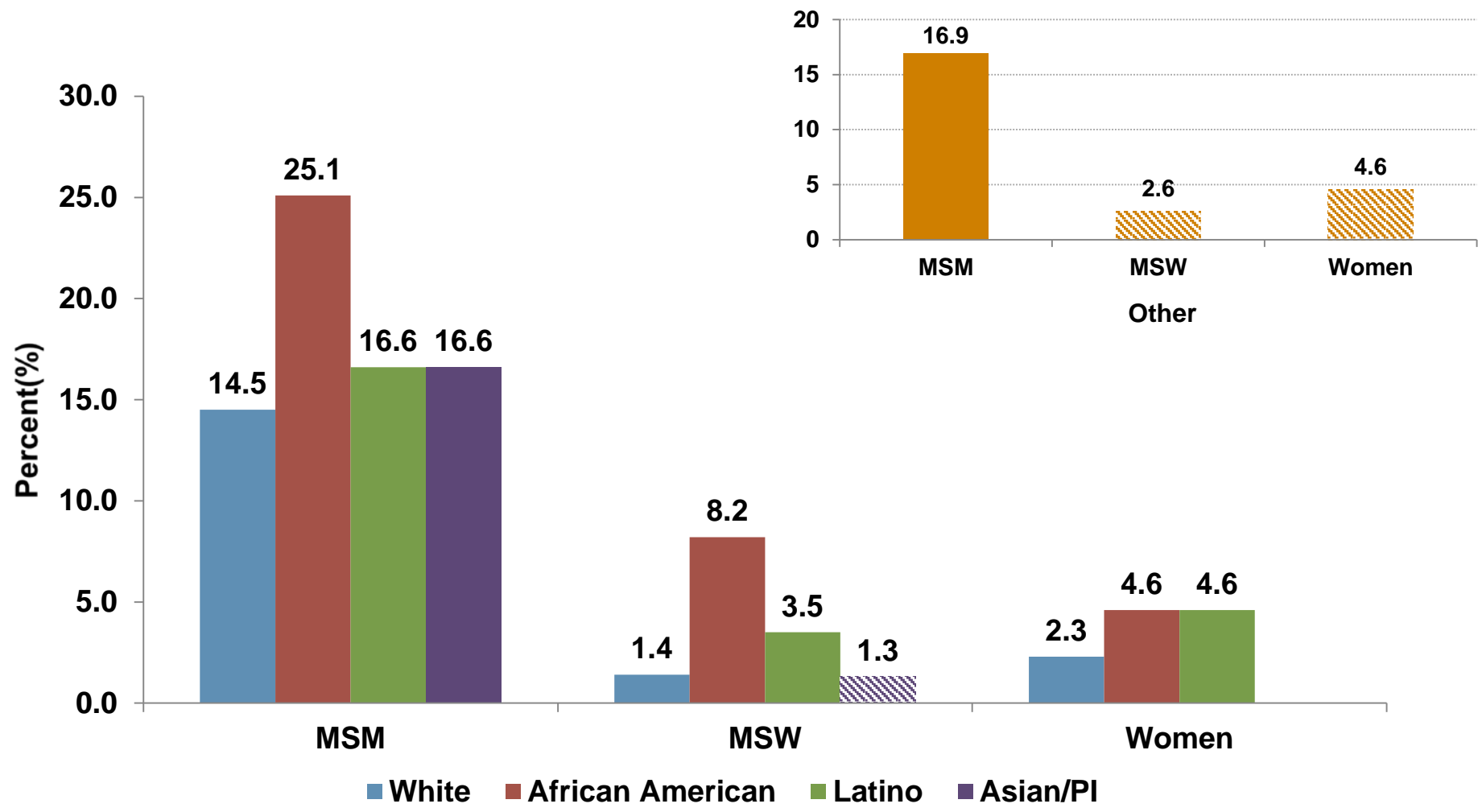
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Proportion of MSM, MSW and Women Testing Positive for Chlamydia by Race/Ethnicity, LAC STD Clinics 2013¹



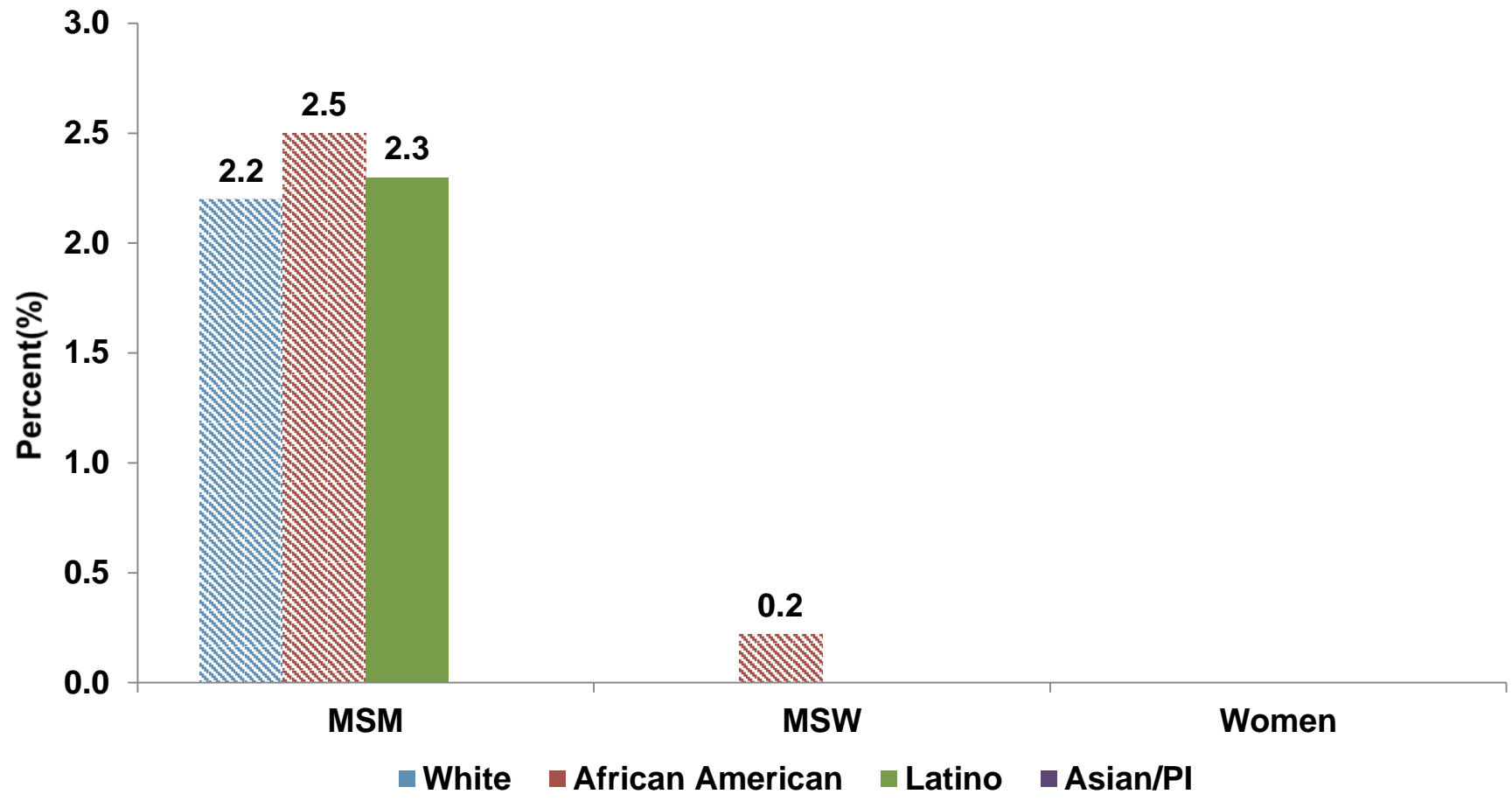
¹ Includes 20,856 persons who were tested for CT; 20,911 for GC and 18,830 for P&S SY in 2013; Rates with a pattern fill are unstable due to small numbers (<12); rates for groups with fewer than 5 cases are not shown.

Proportion of MSM, MSW and Women Testing Positive for Gonorrhea by Race/Ethnicity, LAC STD Clinics 2013¹



¹ Includes 20,856 persons who were tested for CT; 20,911 for GC and 18,830 for P&S SY in 2013; Rates with a pattern fill are unstable due to small numbers (<12); rates for groups with fewer than 5 cases are not shown.

Proportion of MSM, MSW and Women Testing Positive for P&S Syphilis by Race/Ethnicity, LAC STD Clinics 2013¹



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