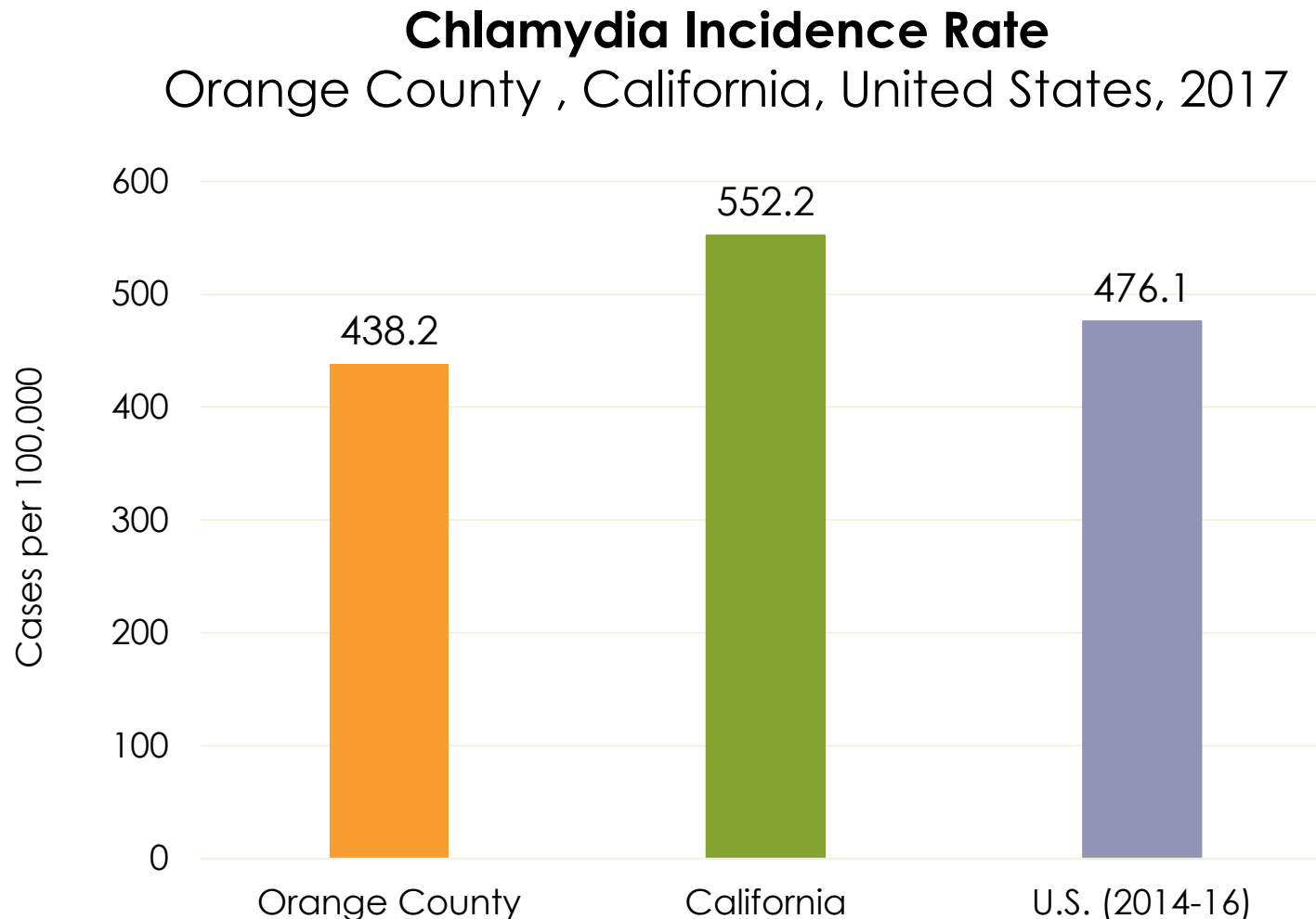


Sexually Transmitted Diseases (STDs) and HIV in Orange County

Christopher Ried, MD

Medical Director, HIV and STD Services
Orange County Health Care Agency

Orange County's chlamydia rate is lower than California, but higher than most California counties.

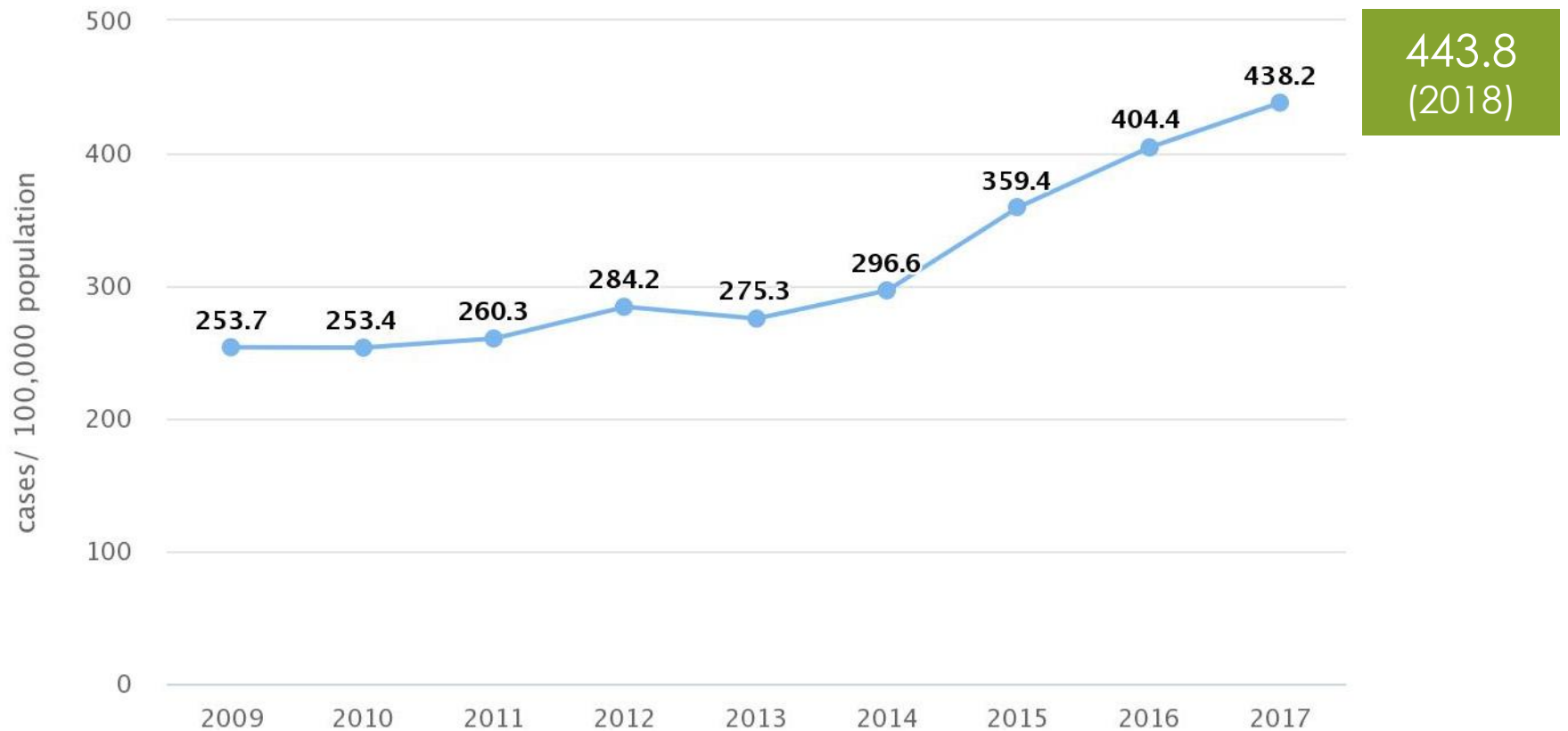


Available at: <http://OCHealthierTogether.org/OCDashboard>

Source: California Department of Public Health, STD Control Branch (2017)

The incidence rate of chlamydia has increased by 75% in Orange County between 2009 and 2018.

Chlamydia Incidence Rate per 100,000 Orange County, 2009 to 2017



Source: California Department of Public Health, STD Control Branch (2017)

Available at: <http://OCHealthierTogether.org/OCDashboard>

Source: California Department of Public Health, STD Control Branch (2017);
Orange County Health Care Agency (2018)

The incidence rate of chlamydia is higher among women.

Chlamydia Incidence Rate per 100,000 by Gender Orange County, 2018



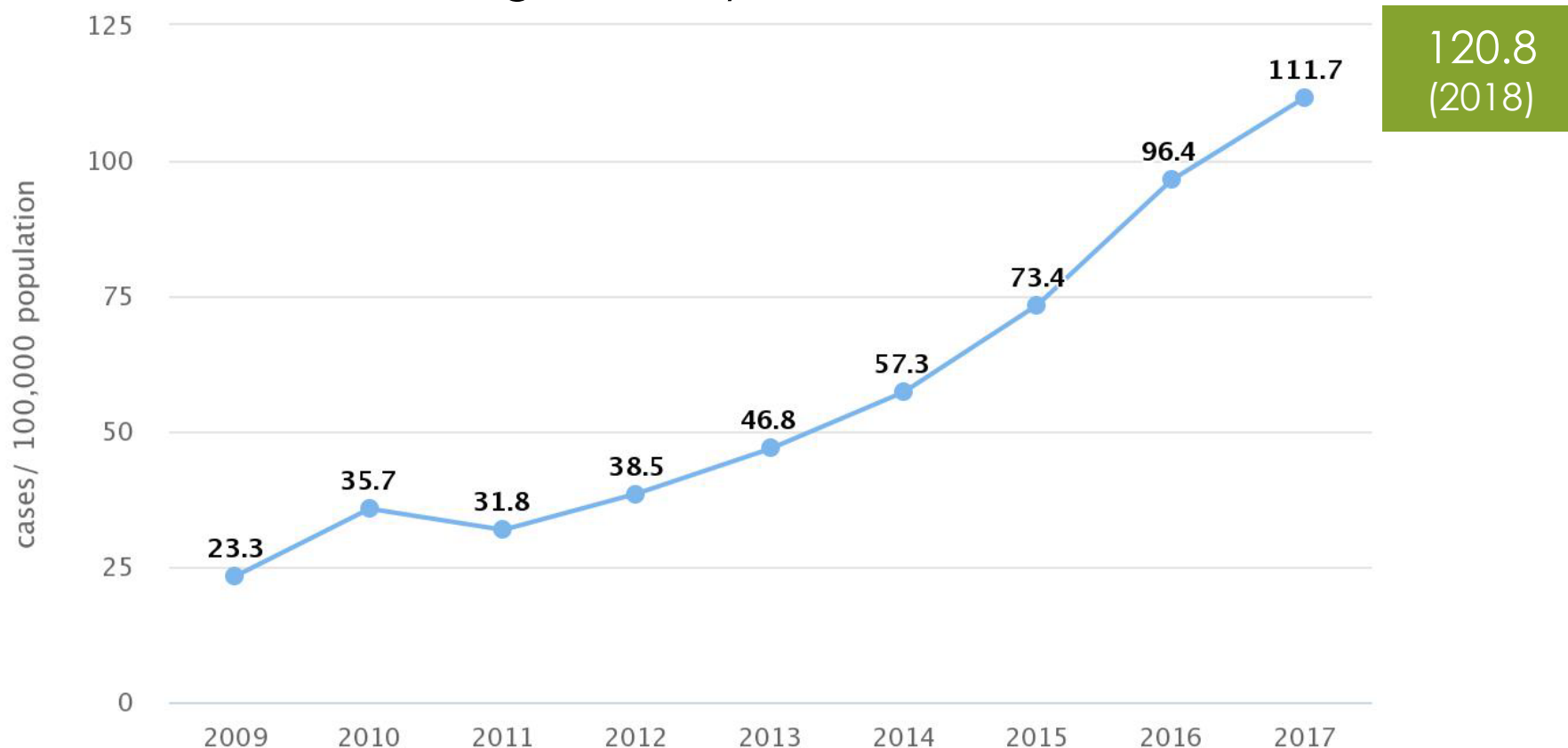
Available at: <http://www.ochealthinfo.com/phs/about/dcepi/epi/sr/rates>

Source: Orange County Health Care Agency (2018)

The incidence rate of gonorrhea is more than five times higher than it was in 2009.

Gonorrhea Incidence Rate per 100,000

Orange County, 2009 to 2017



Source: California Department of Public Health, STD Control Branch (2017)

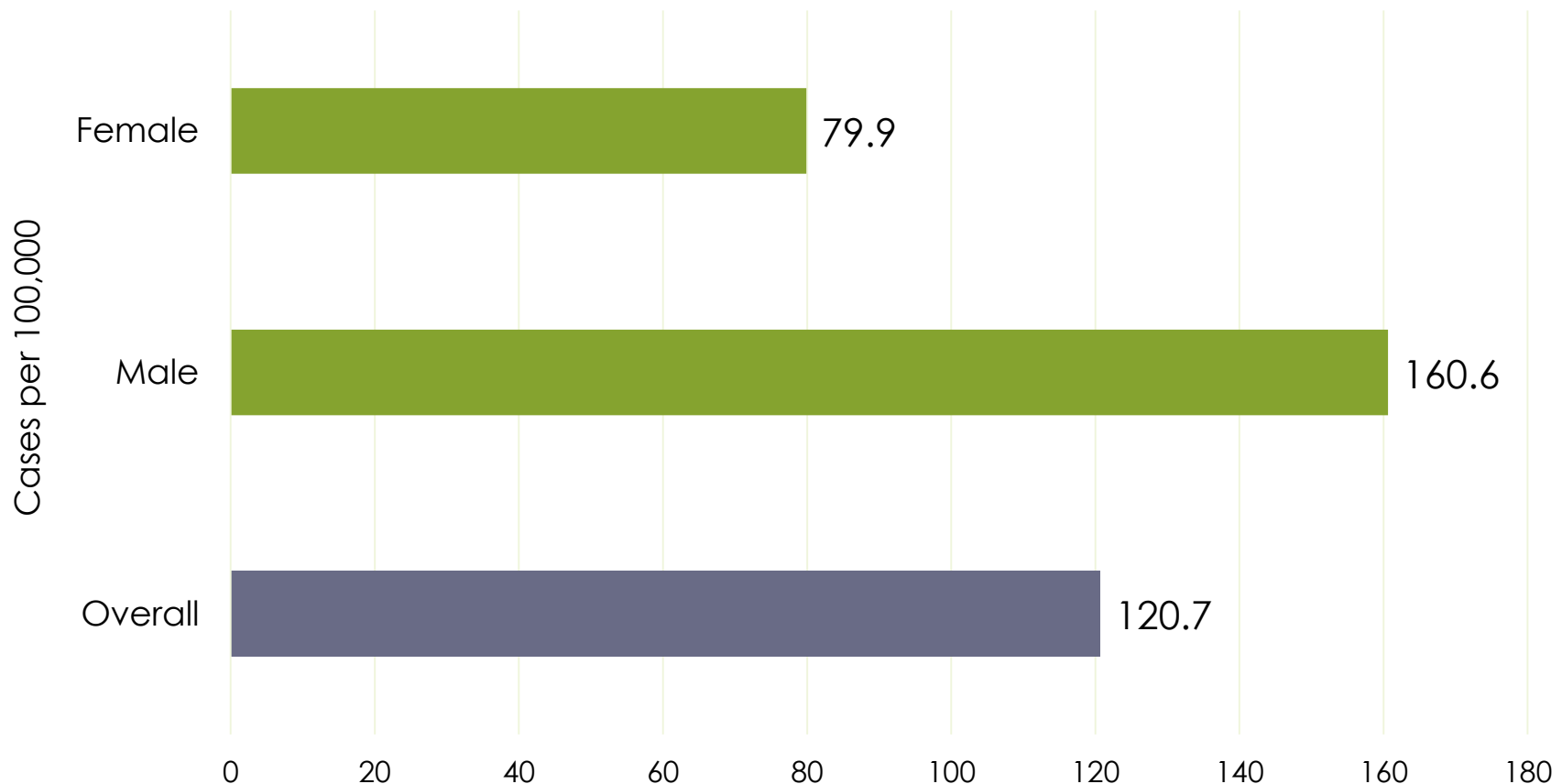
Available at: <http://OCHealthierTogether.org/OCDashboard>

Source: California Department of Public Health, STD Control Branch (2017)

Orange County Health Care Agency (2018)

The incidence rate of gonorrhea is higher among men in Orange County.

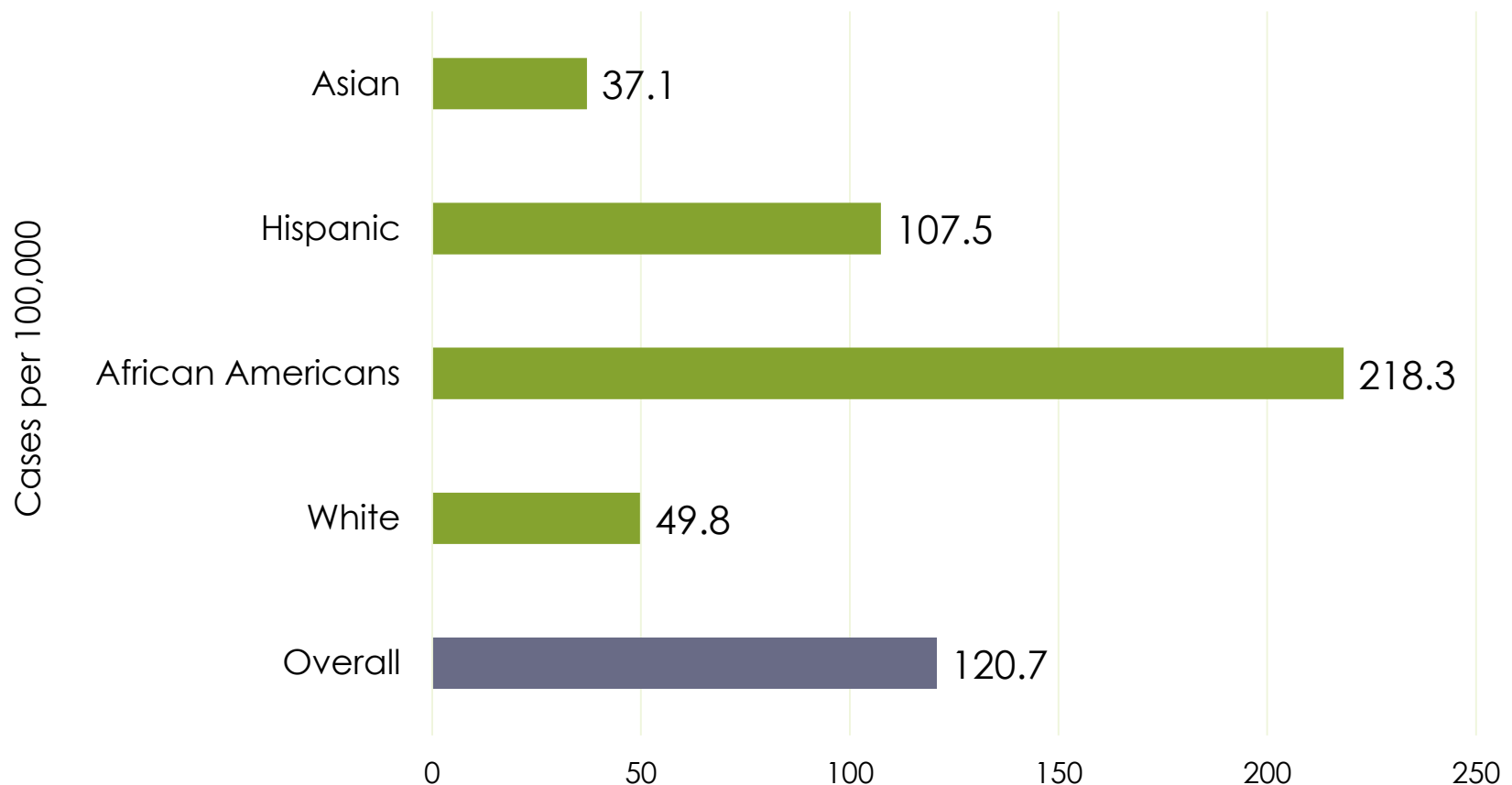
Gonorrhea Incidence Rate per 100,000 by Gender Orange County, 2018



Available at: <http://www.ochealthinfo.com/phs/about/dcepi/epi/sr/rates>
Source: Orange County Health Care Agency (2018)

The incidence rate of gonorrhea is higher among African Americans.

Gonorrhea Incidence Rate per 100,000 by Race/Ethnicity Orange County, 2018



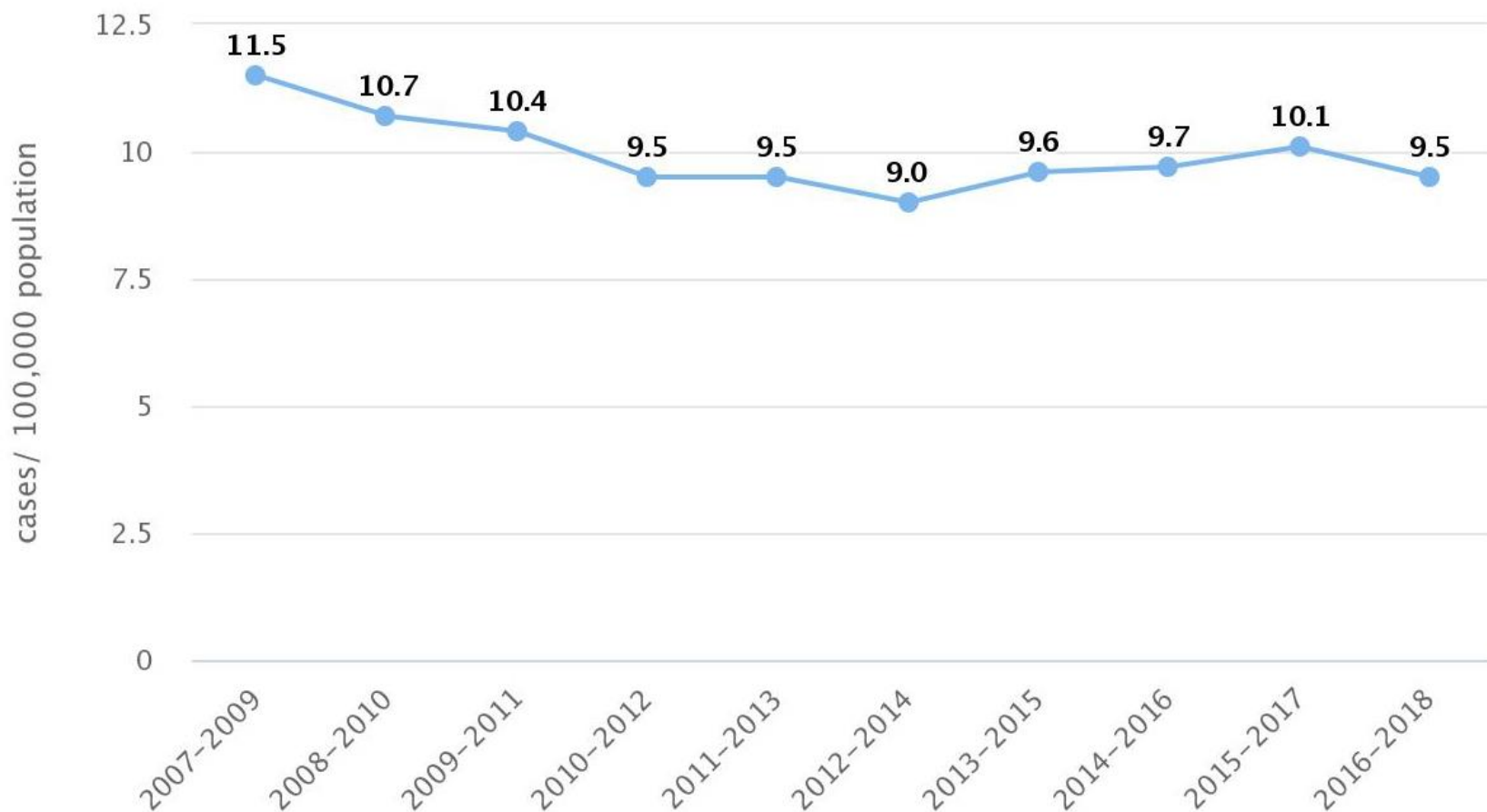
Available at: <http://www.ochealthinfo.com/phs/about/dcepi/epi/sr/rates>

Source: Orange County Health Care Agency (2018)

HIV incidence rate in Orange County has slightly decreased.

HIV Incidence Rate

Orange County, 2007-2009 to 2016-2018



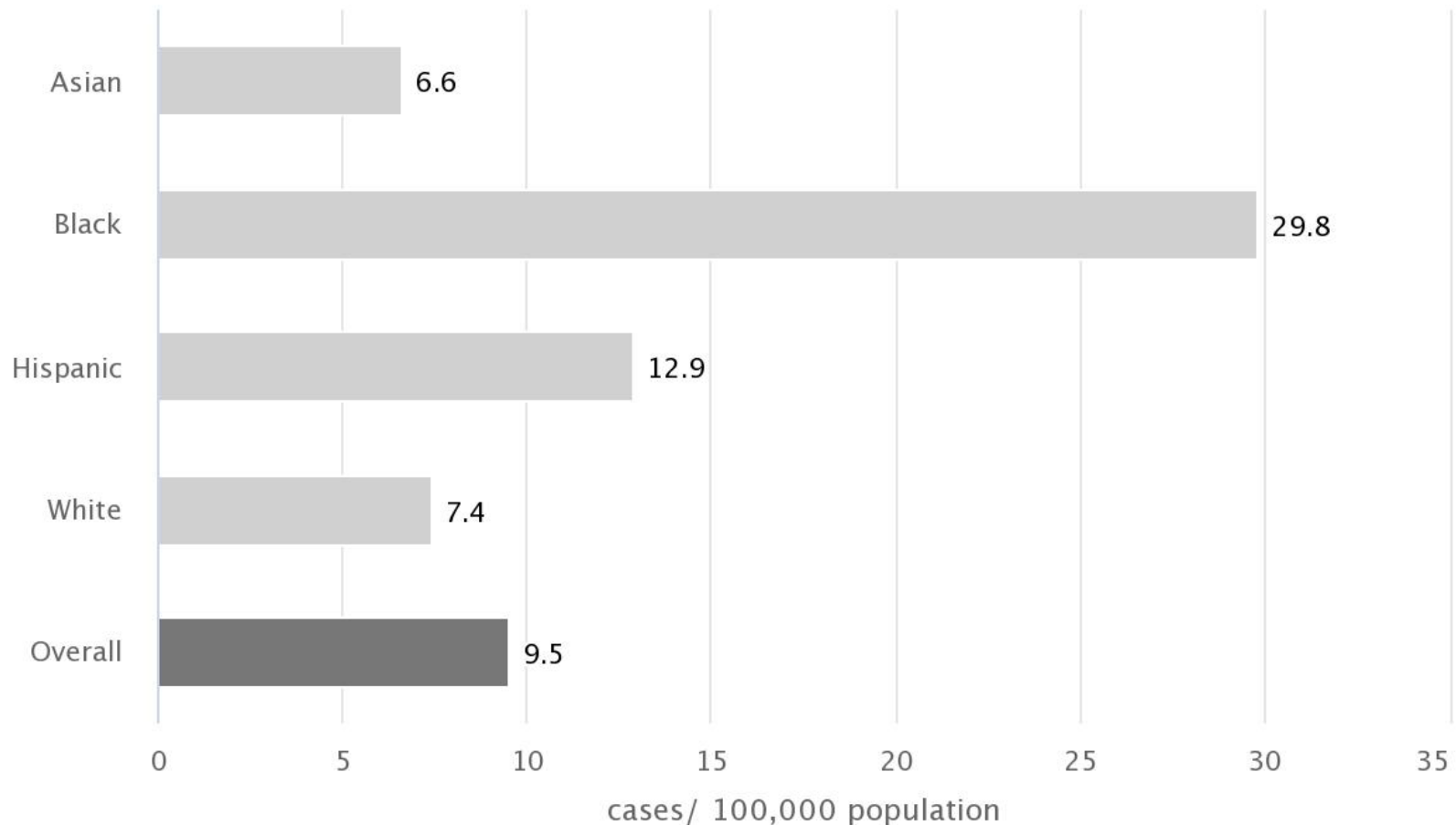
Source: Orange County Health Care Agency–Disease Control & Epidemiology (2016–2018)

Available at: <http://OCHealthierTogether.org/OCDashboard>

Source: Orange County Health Care Agency – Disease Control & Epidemiology (2016-2018)

African Americans have a higher incidence of HIV in Orange County.

HIV Incidence Rate by Race/Ethnicity Orange County, 2016-2018



Source: Orange County Health Care Agency–Disease Control & Epidemiology (2016–2018) healthiertogether.org

Available at: <http://OCHealthierTogether.org/OCDashboard>

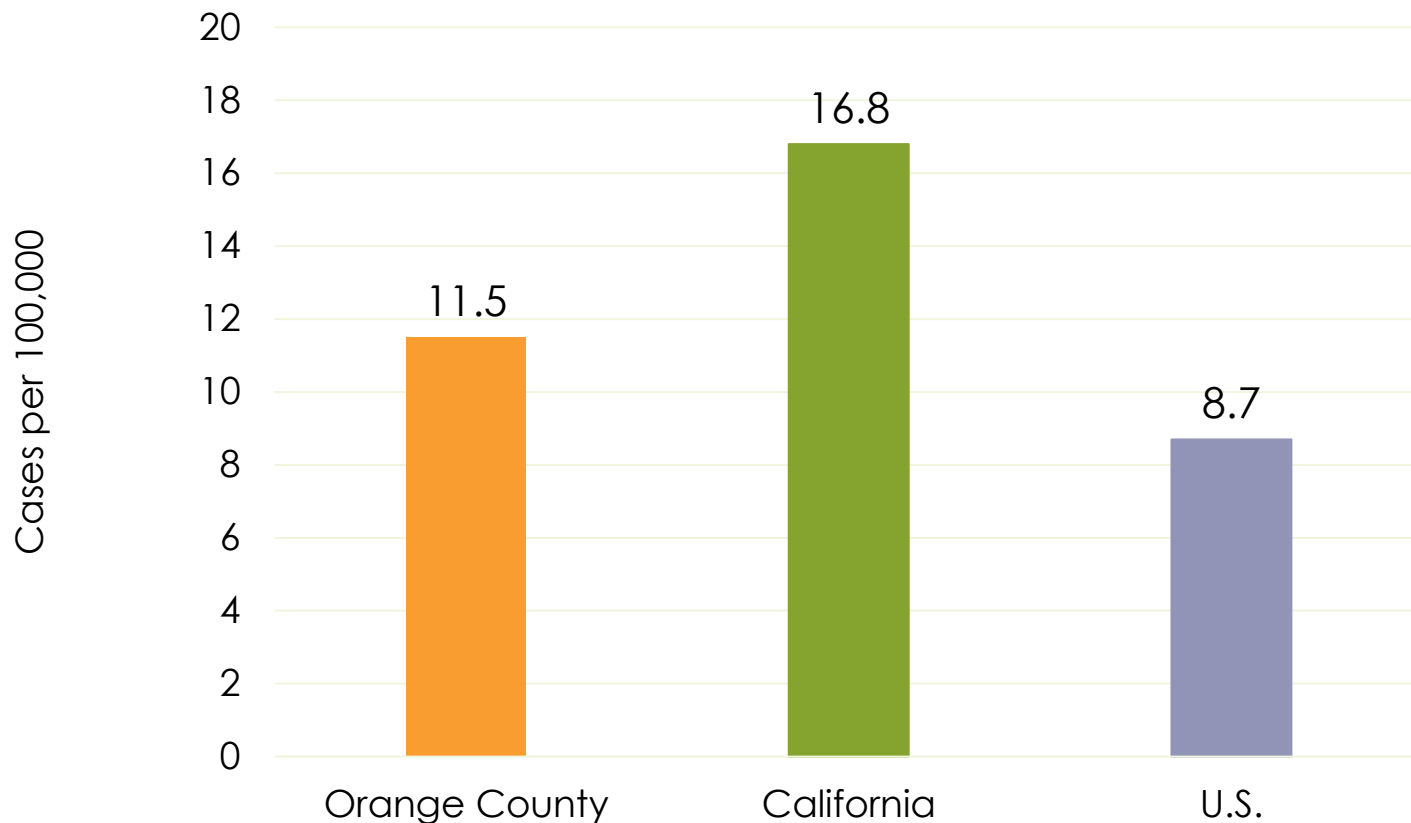
Source: Orange County Health Care Agency – Disease Control & Epidemiology (2016-2018)

Orange County's syphilis rate is lower than the California average, but higher than most California counties.



Syphilis Incidence Rate

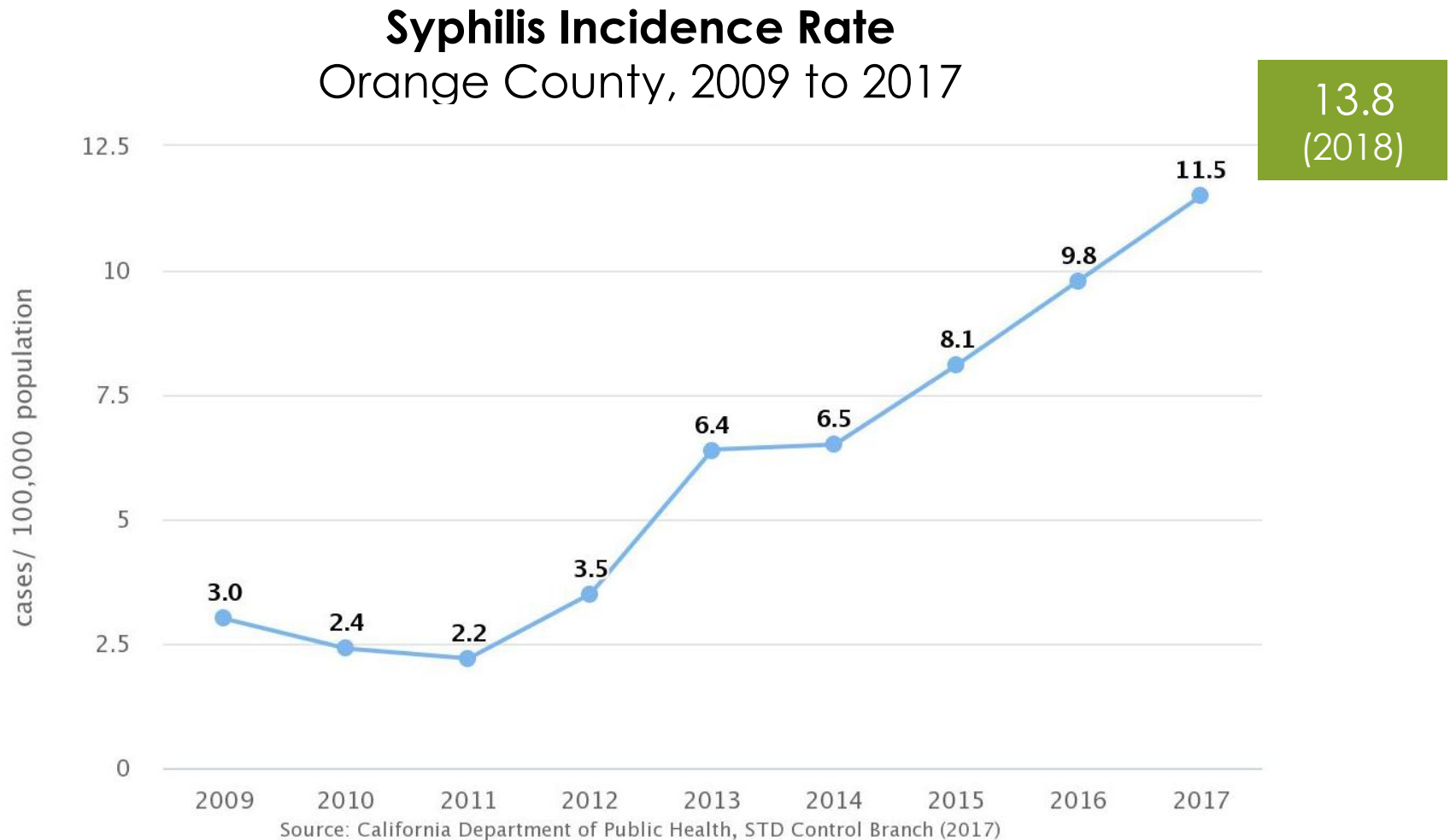
Orange County , California, United States, 2017



Available at: <http://OCHealthierTogether.org/OCDashboard>

Source: California Department of Public Health, STD Control Branch (2017)

Orange County's 2018 primary and secondary syphilis rate is more than four times higher than it was in 2009.

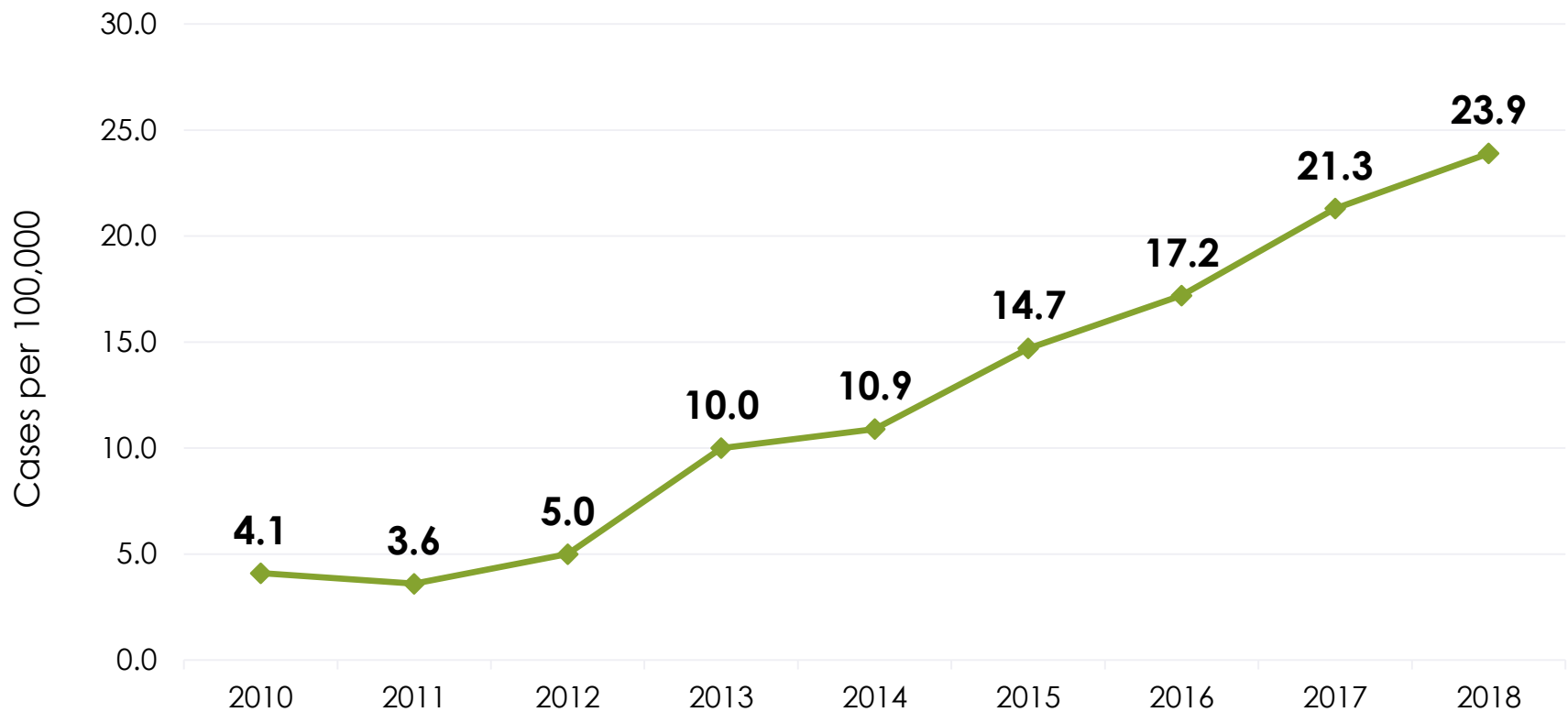


Available at: <http://OCHealthierTogether.org/OCDashboard>

Source: California Department of Public Health, STD Control Branch (2017);
Orange County Health Care Agency (2018)

Orange County's 2018 early (contagious) syphilis rate is almost six times higher than it was in 2010.

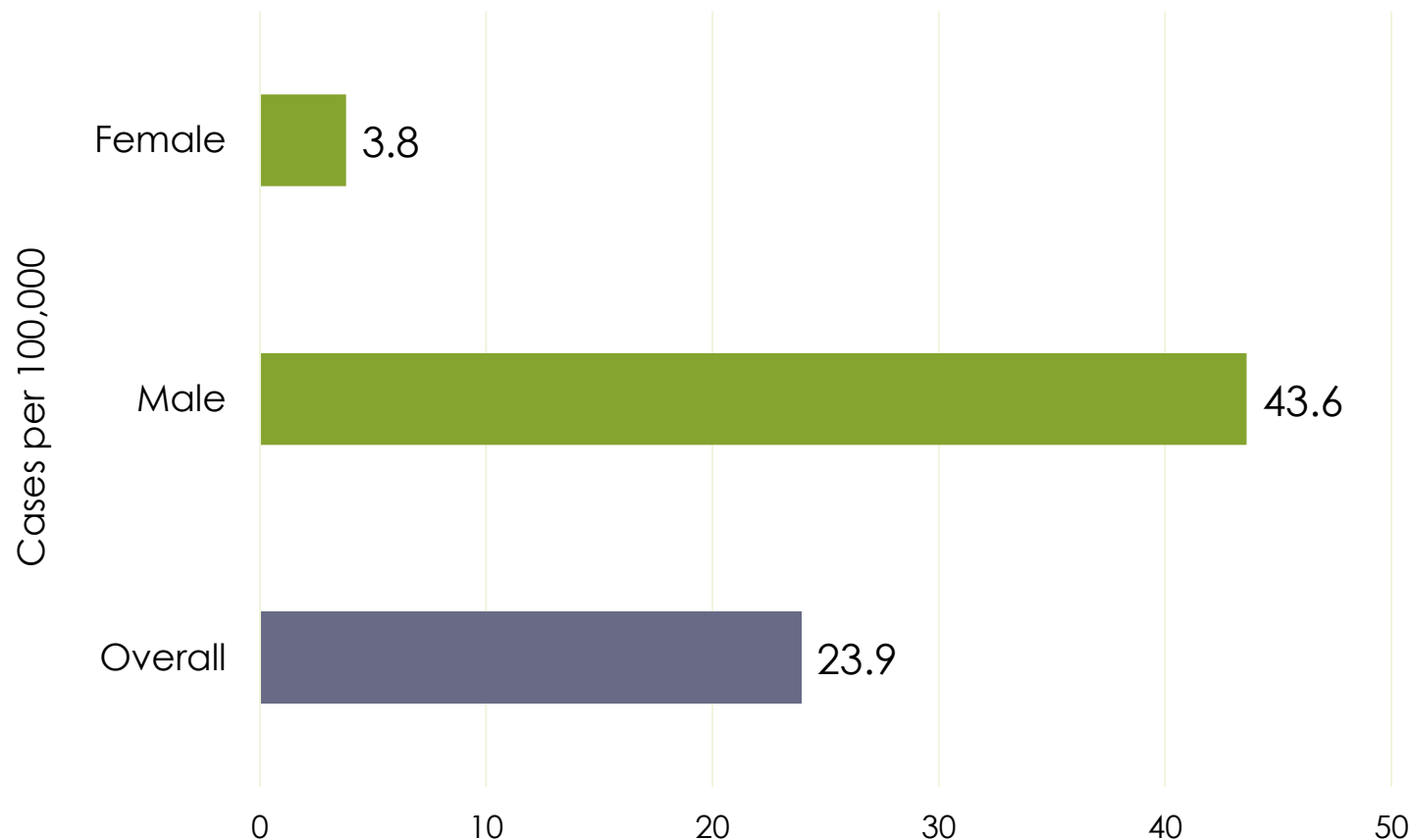
Early Syphilis Incidence Rate Orange County, 2014 to 2018



Available at: <http://www.ochealthinfo.com/phs/about/dcepi/epi/sr/rates>
Source: Orange County Health Care Agency (2014-2018)

The incidence rate of syphilis is higher among men.

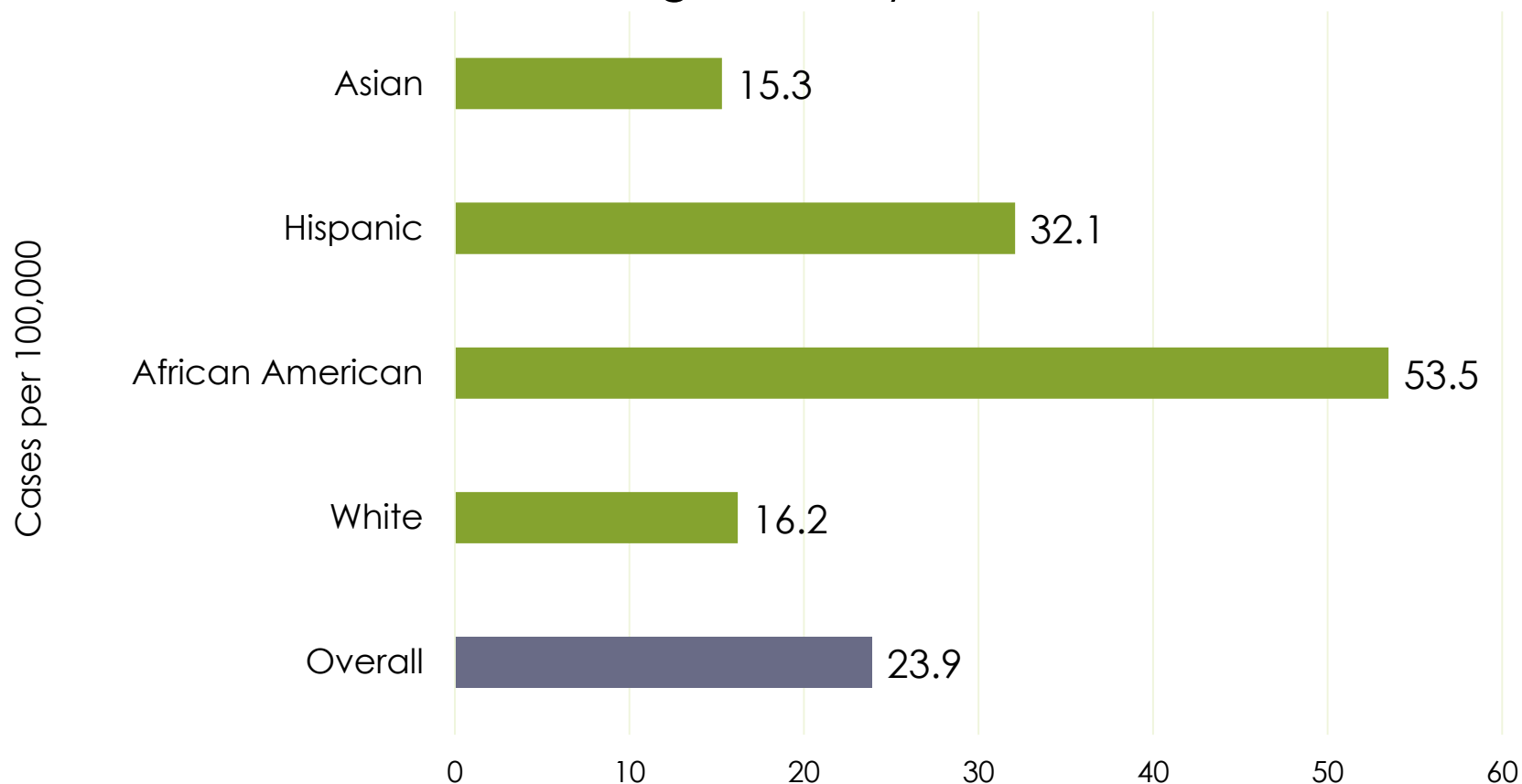
Early Syphilis Incidence Rate per 100,000 by Gender Orange County, 2018



Available at: <http://www.ochealthinfo.com/phs/about/dcepi/epi/sr/rates>
Source: Orange County Health Care Agency (2018)

The incidence rate of syphilis is higher among Hispanics and African Americans.

Early Syphilis Incidence Rate per 100,000 by Race/Ethnicity Orange County, 2018



Available at: <http://www.ochealthinfo.com/phs/about/dcepi/epi/sr/rates>

Source: Orange County Health Care Agency (2018)

SYPHILIS IN A PREGNANT WOMAN

- First prenatal visit at 8 weeks, Syphilis, GC/CT, HIV negative
- Total 15 prenatal visits
- 35 weeks (not 28-32 w): OB repeated above as patient “lived in Santa Ana”
- RPR 1:32 and patient referred to HD 5 days after lab drawn
- Day after patient referred to HD, presented to ER with abdominal pain and fetal demise
- Patients only risk known by OB was domestic violence
- Investigation: Partner bisexual and used methamphetamine