



New Mexico STD Program Summary Slides 2017

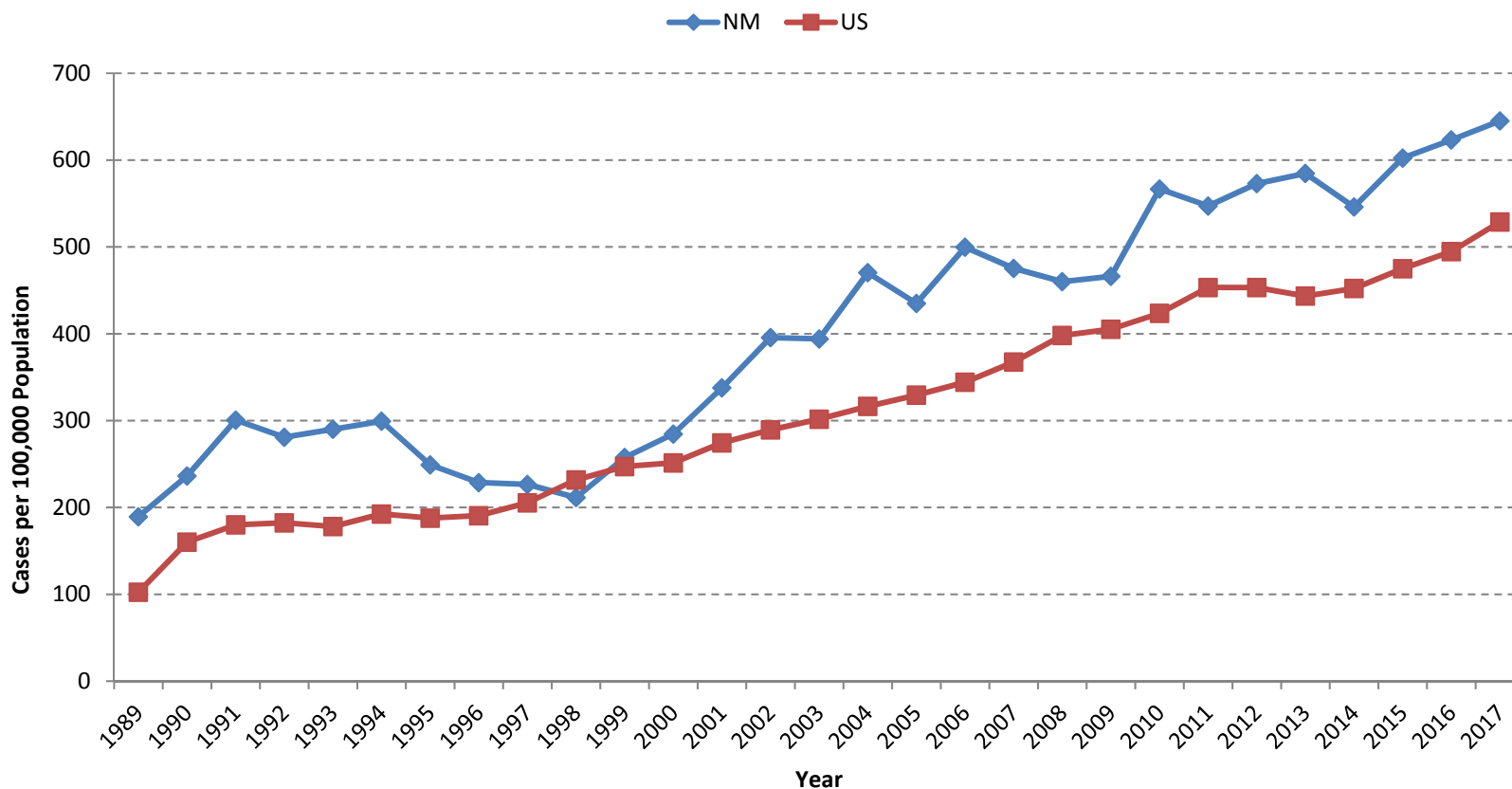
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Angie Bartok, Epidemiologist

Lewis Smith, Surveillance Coordinator

Cari Riley, Surveillance Coordinator

Chlamydia Rates New Mexico and US, 1989 - 2017

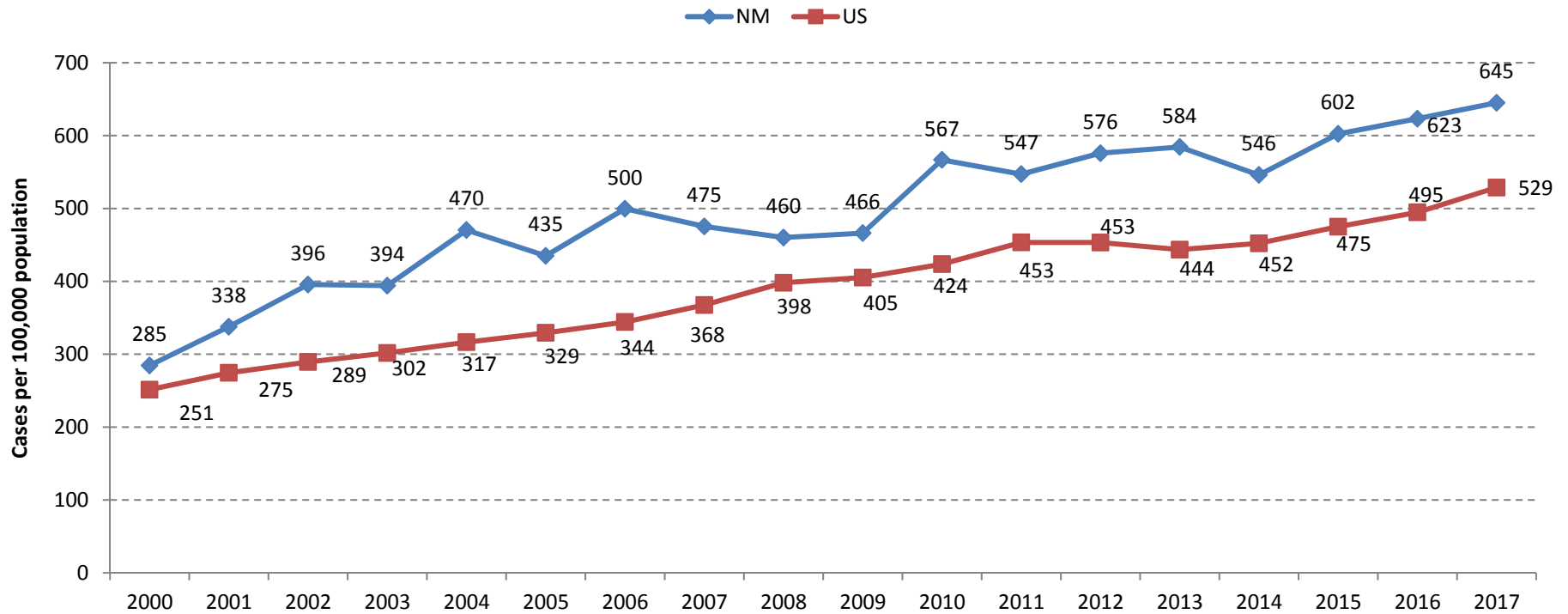


Source: PRISM and IBIS for NM Rates, CDC Surveillance Reports for US Rates



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Chlamydia Rates, NM and US, 2000-2017

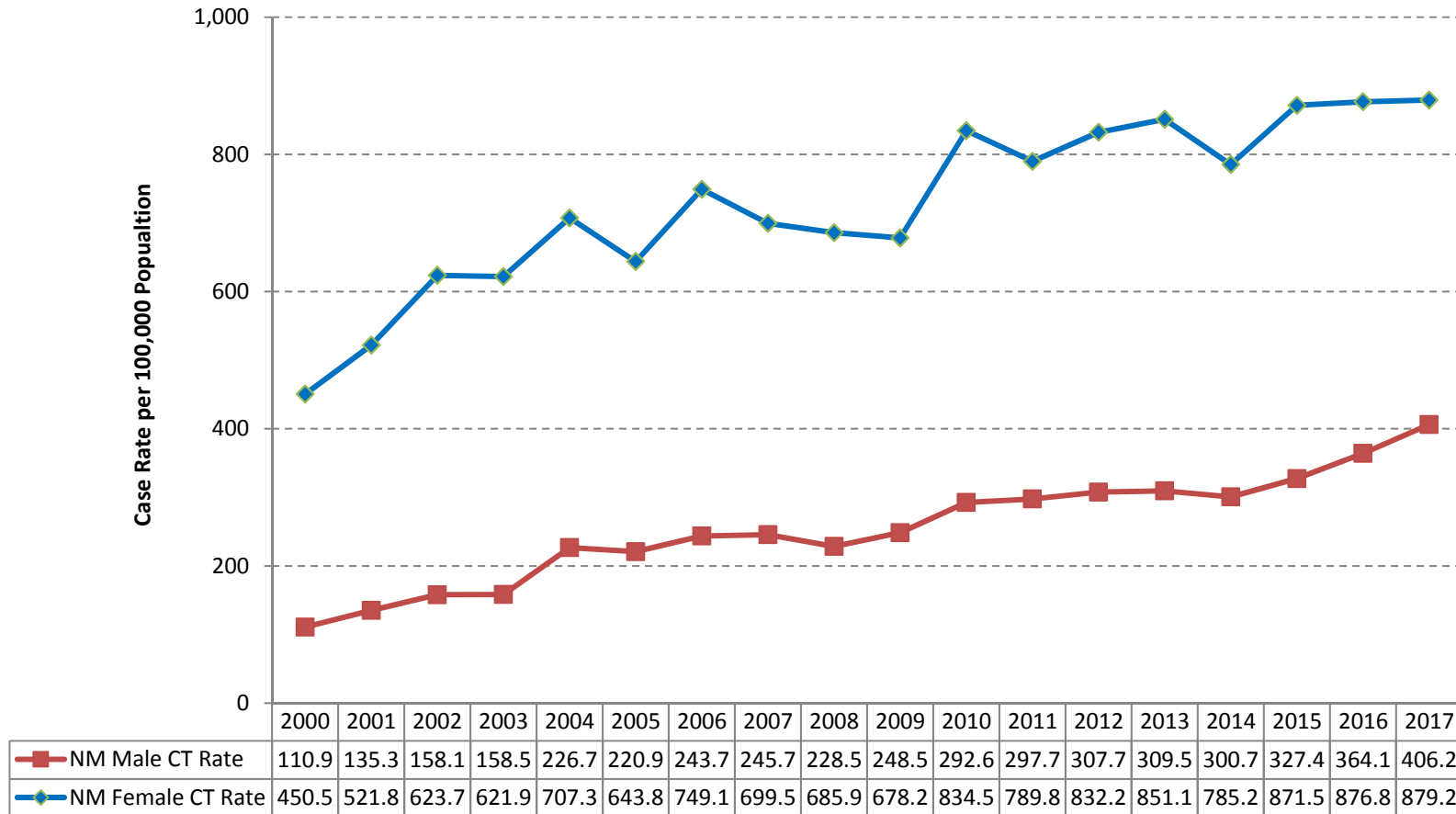


New Mexico experienced a 3.5% increase in chlamydia from 2016 to 2017. NM ranked 4th in the nation for chlamydia in 2017.

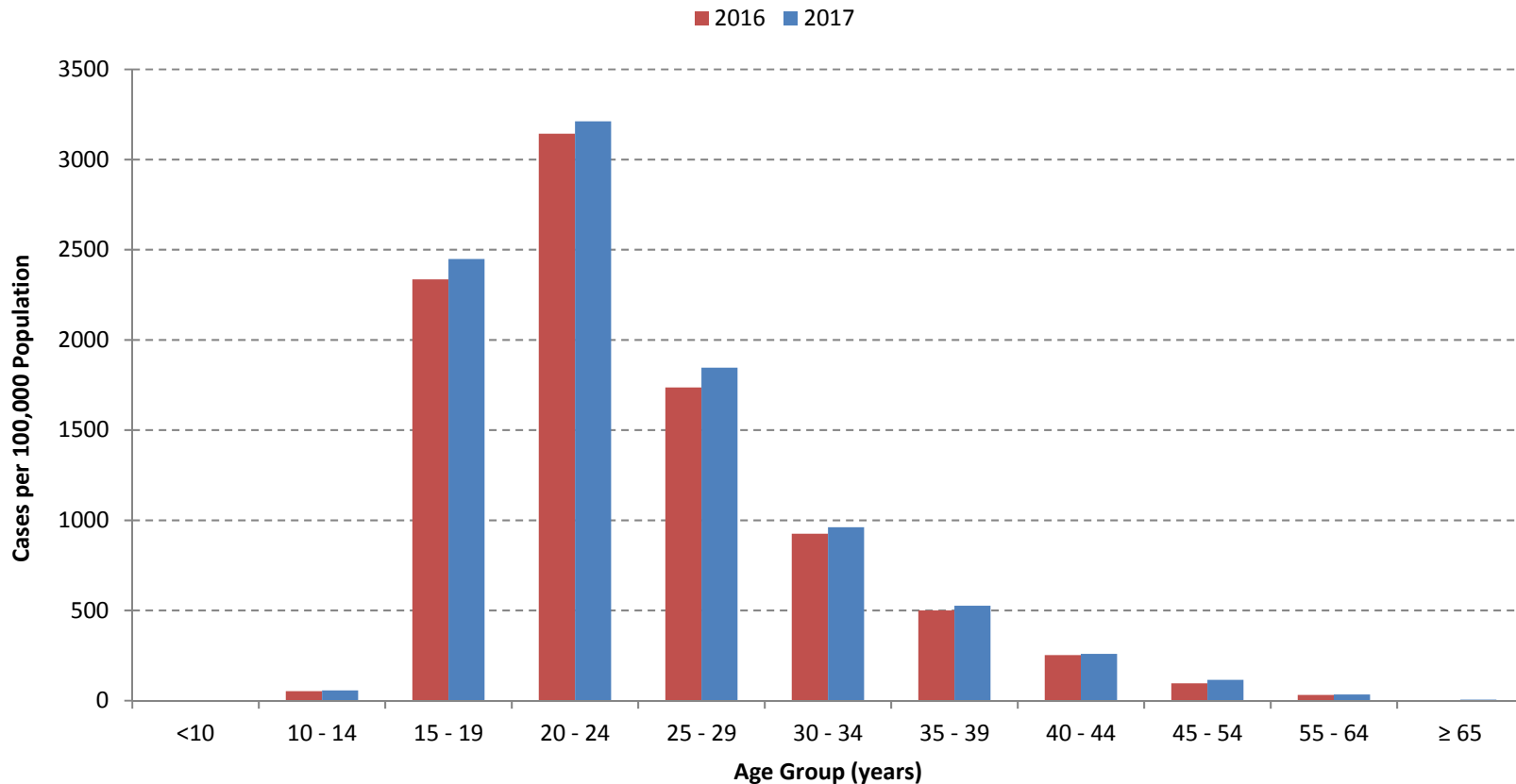
Source: PRISM for NM Rates, CDC Surveillance Reports for US Rates



Chlamydia Rates by Sex New Mexico, 2000 - 2017

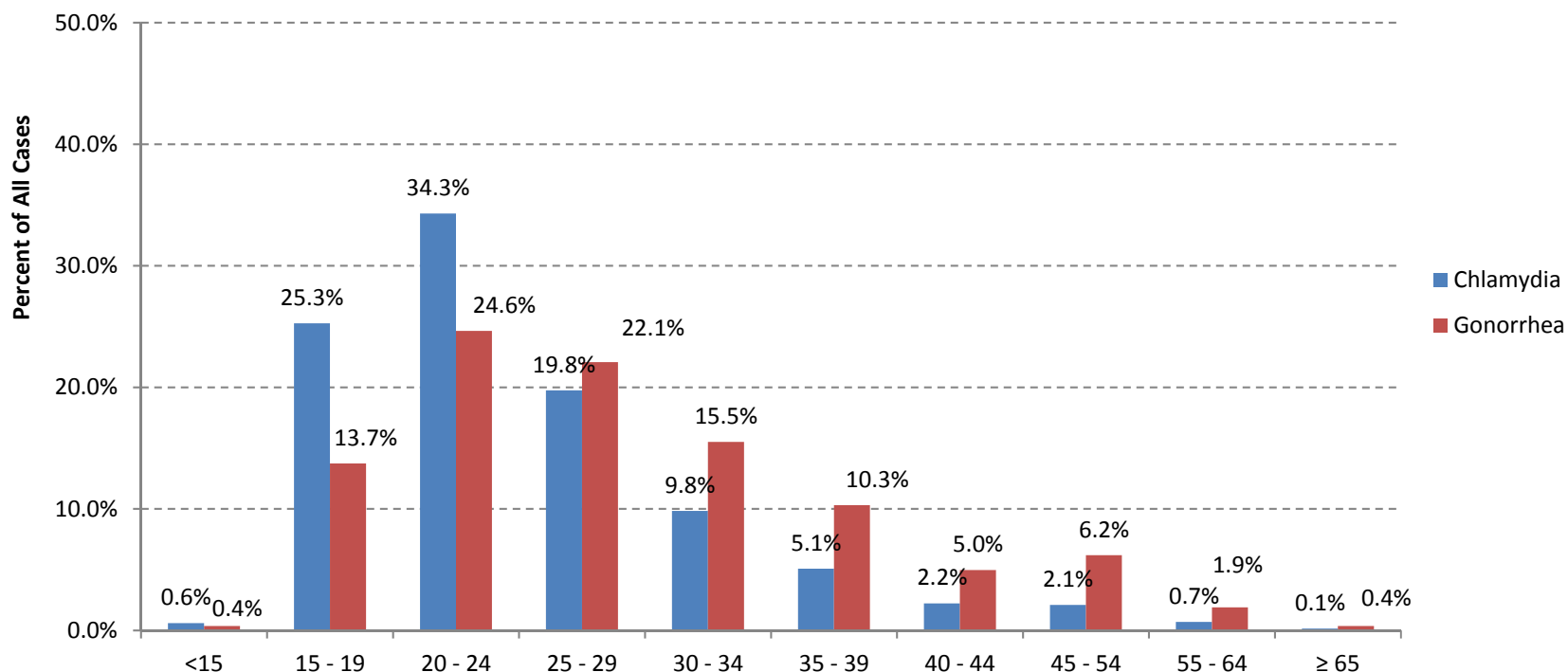


Chlamydia Rates by Age Group New Mexico, 2016 - 2017



Chlamydia predominantly affects adolescents and young adults, with rates of infection highest among 20-24 year olds followed by 15-19 year olds

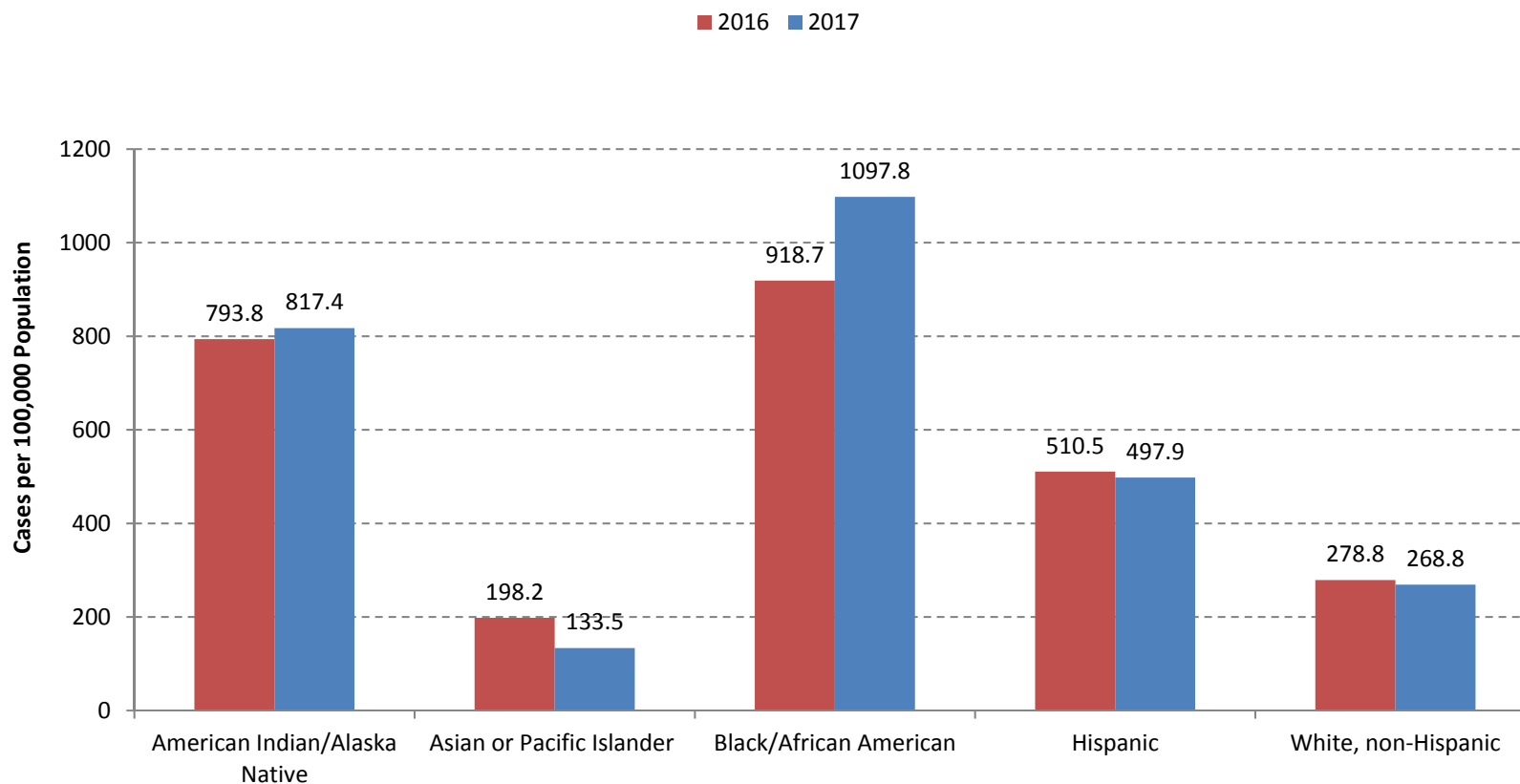
Percent of Chlamydia and Gonorrhea Cases by Age Group, New Mexico, 2017



- 60% of reported chlamydia cases are among persons aged 15-24 years
- 38% of reported gonorrhea cases are among persons aged 15-24 years



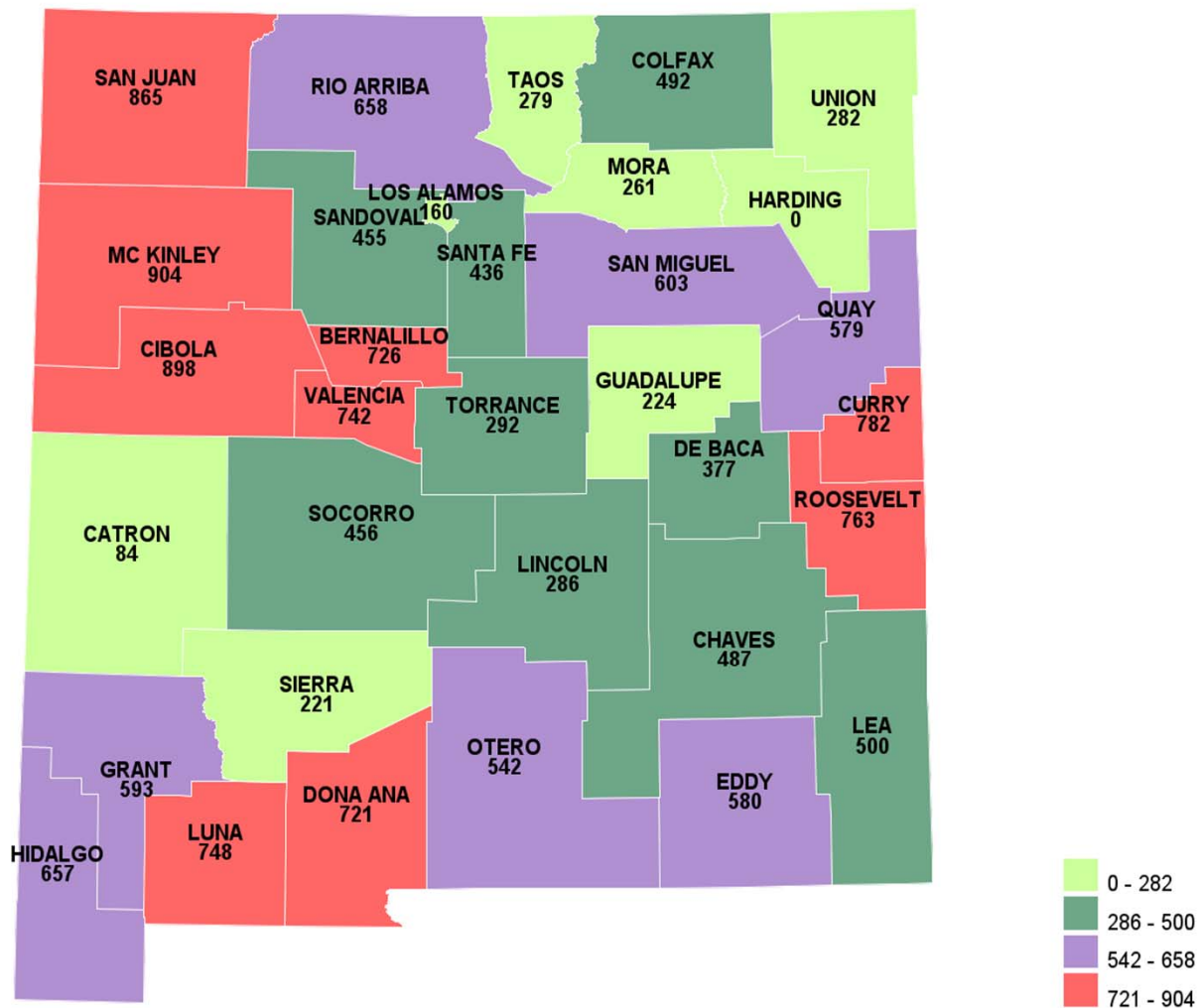
Chlamydia Rates by Race/ Ethnicity New Mexico, 2016 - 2017



Similar to national level data, chlamydia rates show health disparities: Chlamydia disproportionately affects African American, American Indian, and Hispanic populations in New Mexico

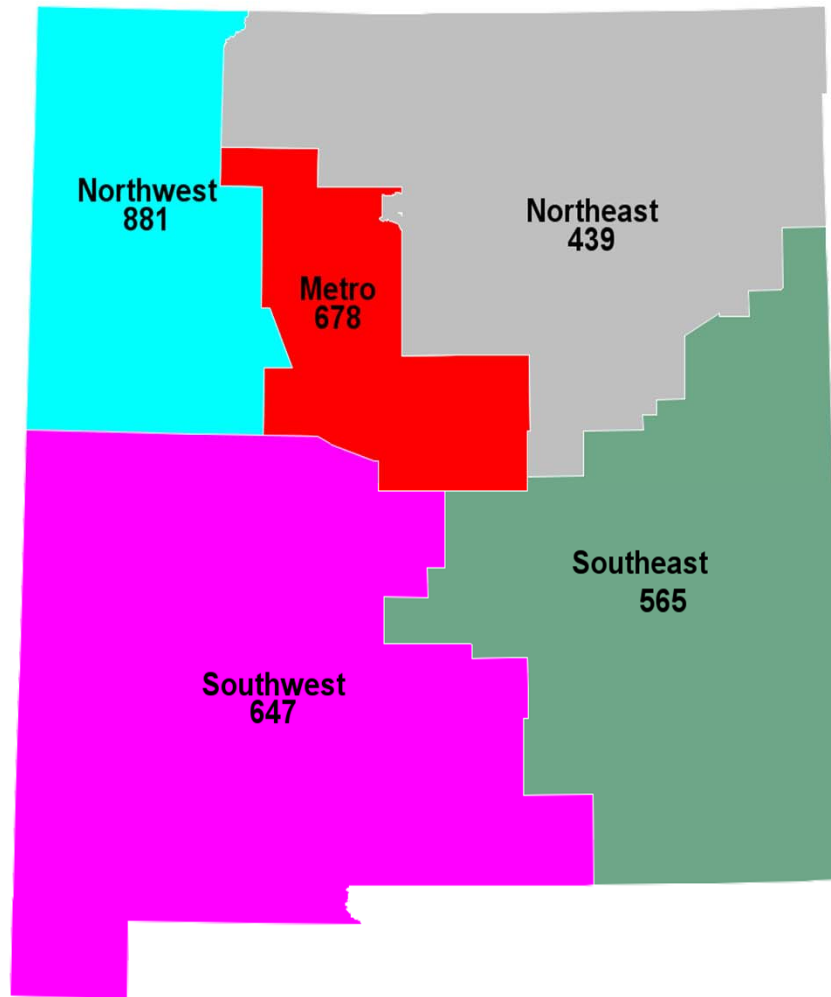


Chlamydia Rate per 100,000 by County, New Mexico, 2017



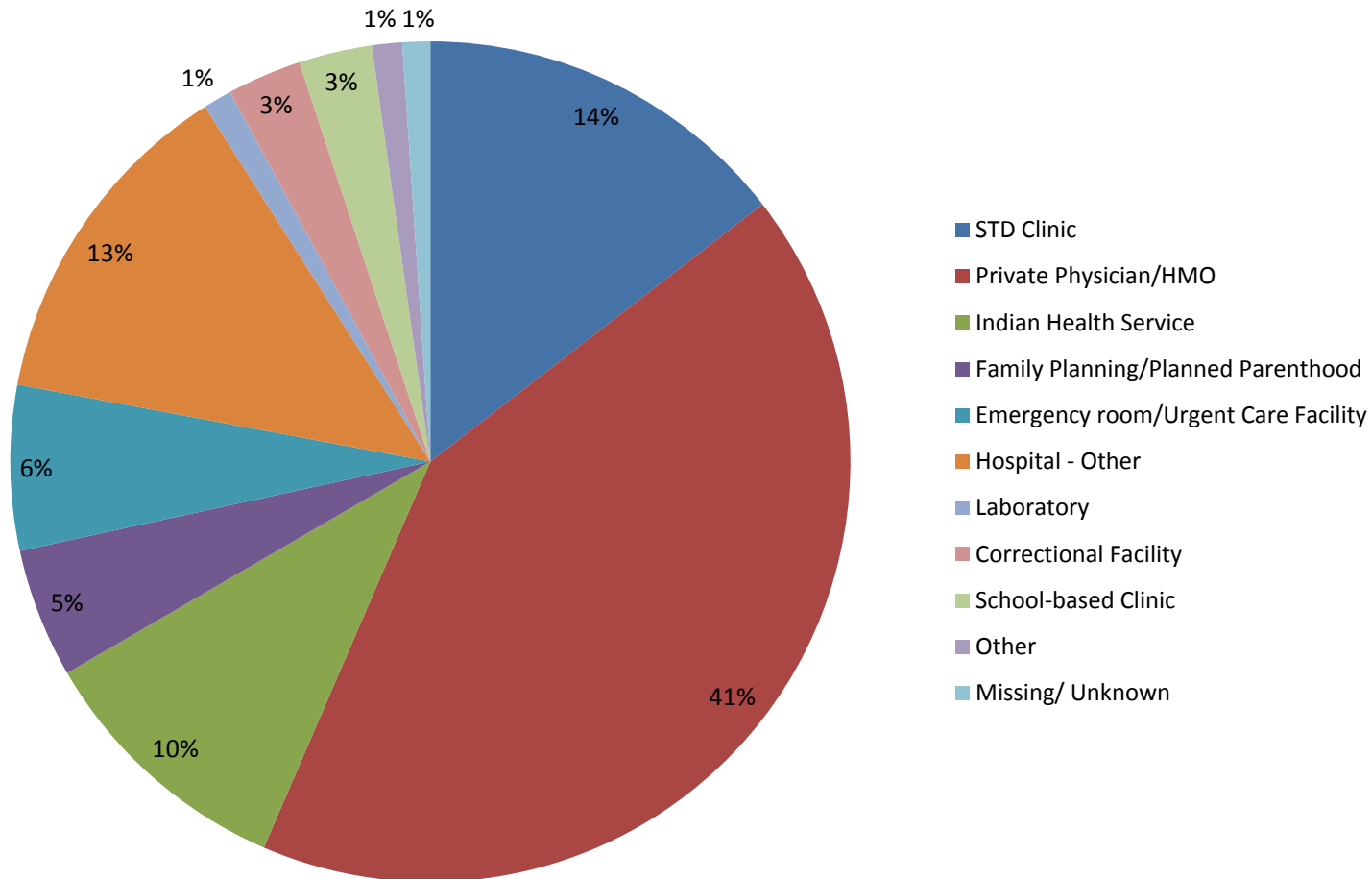
Rates per
100,000 by
Quartile



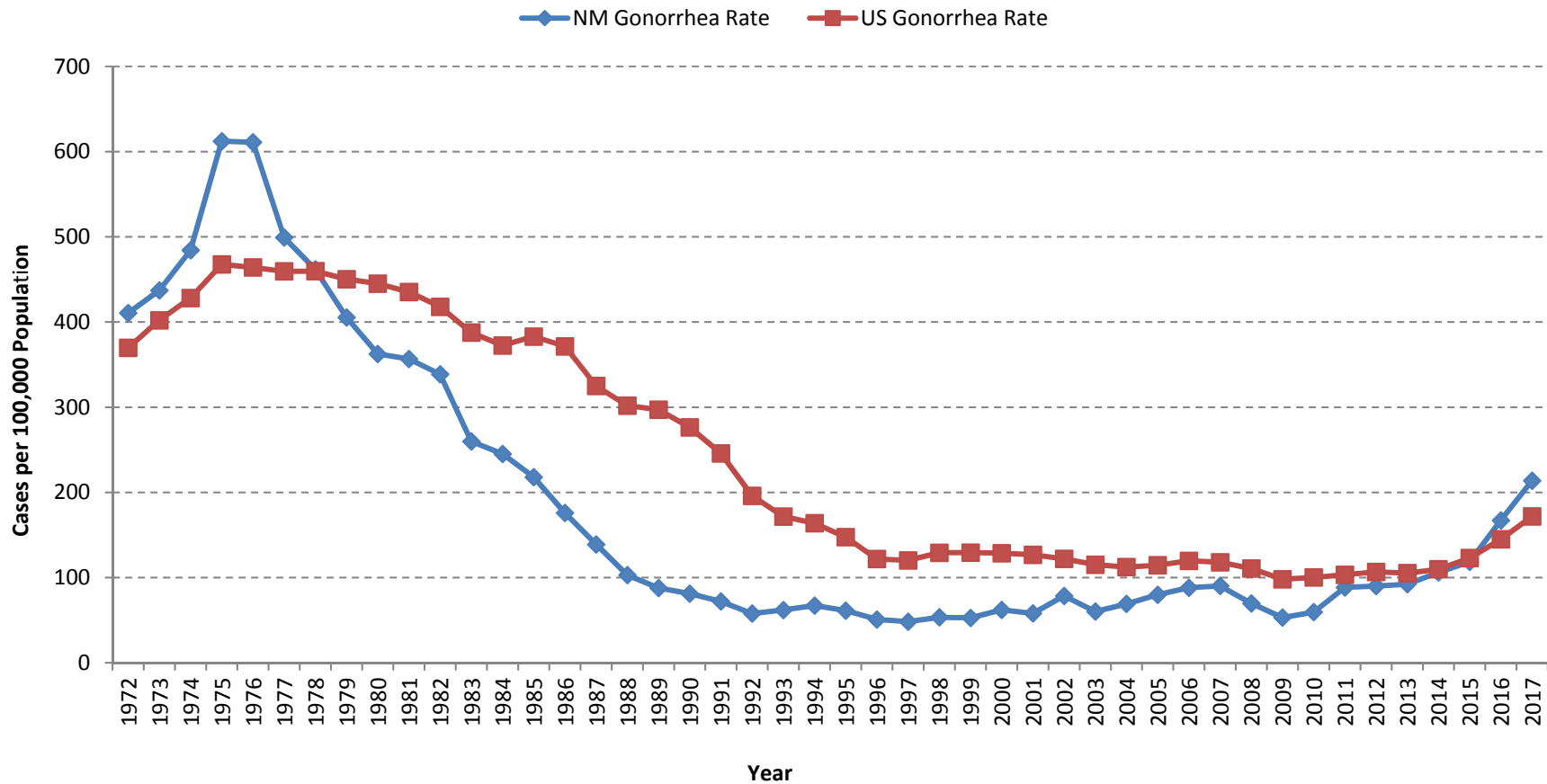


Chlamydia Rate per 100,000 by Region, New Mexico, 2017

Percent of Chlamydia Cases by Diagnosing Provider Type, 2017



Gonorrhea Rates New Mexico and US, 1972 - 2017

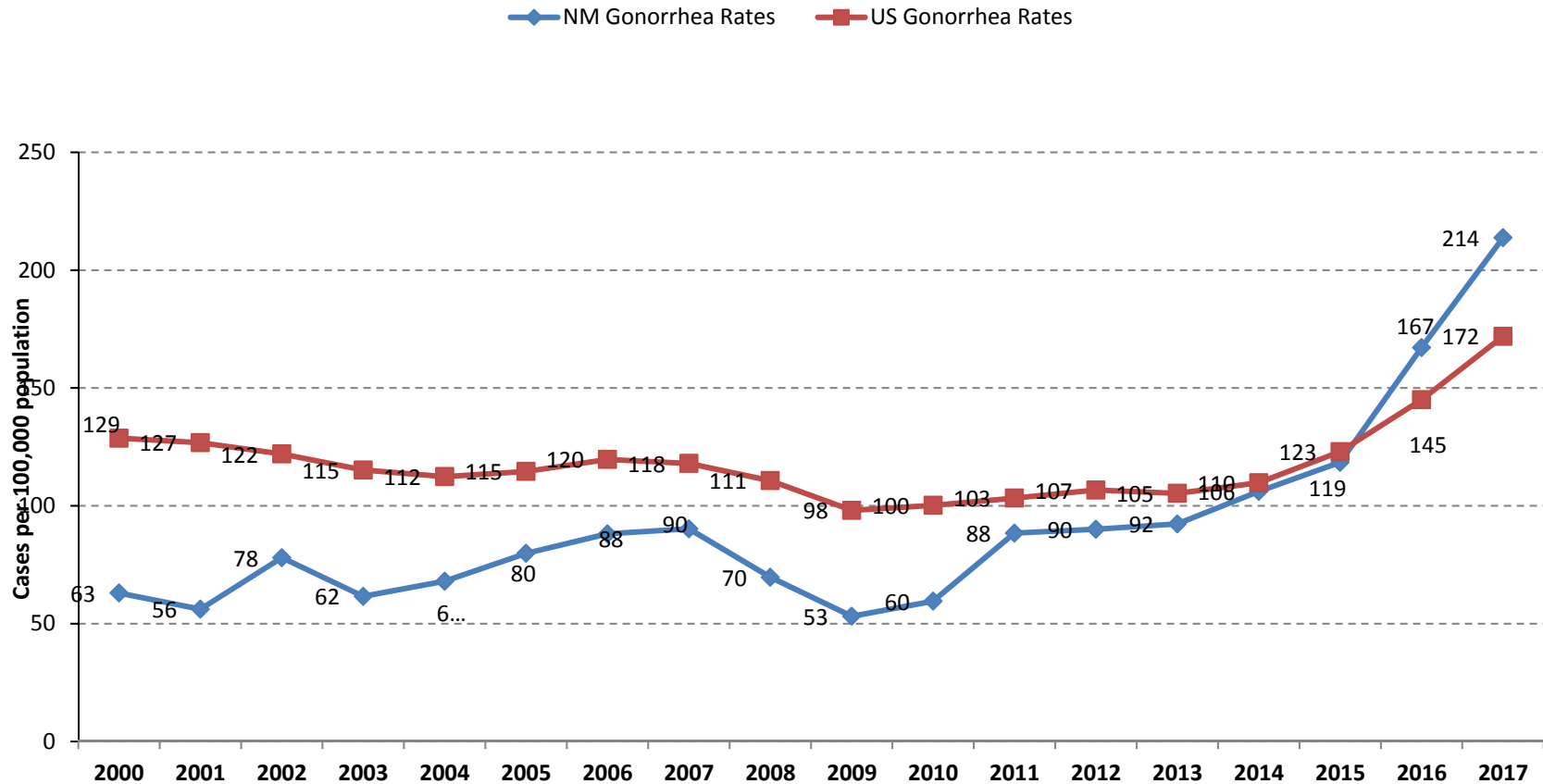


Source: PRISM for NM Rates, CDC Surveillance Reports for US Rates



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Gonorrhea Rates, New Mexico and US, 2000-2017



- New Mexico experienced a 28% increase in gonorrhea rates from 2016 to 2017 – compared to a 40% increase from 2015 to 2016; and ranked 10th in the nation in 2017.

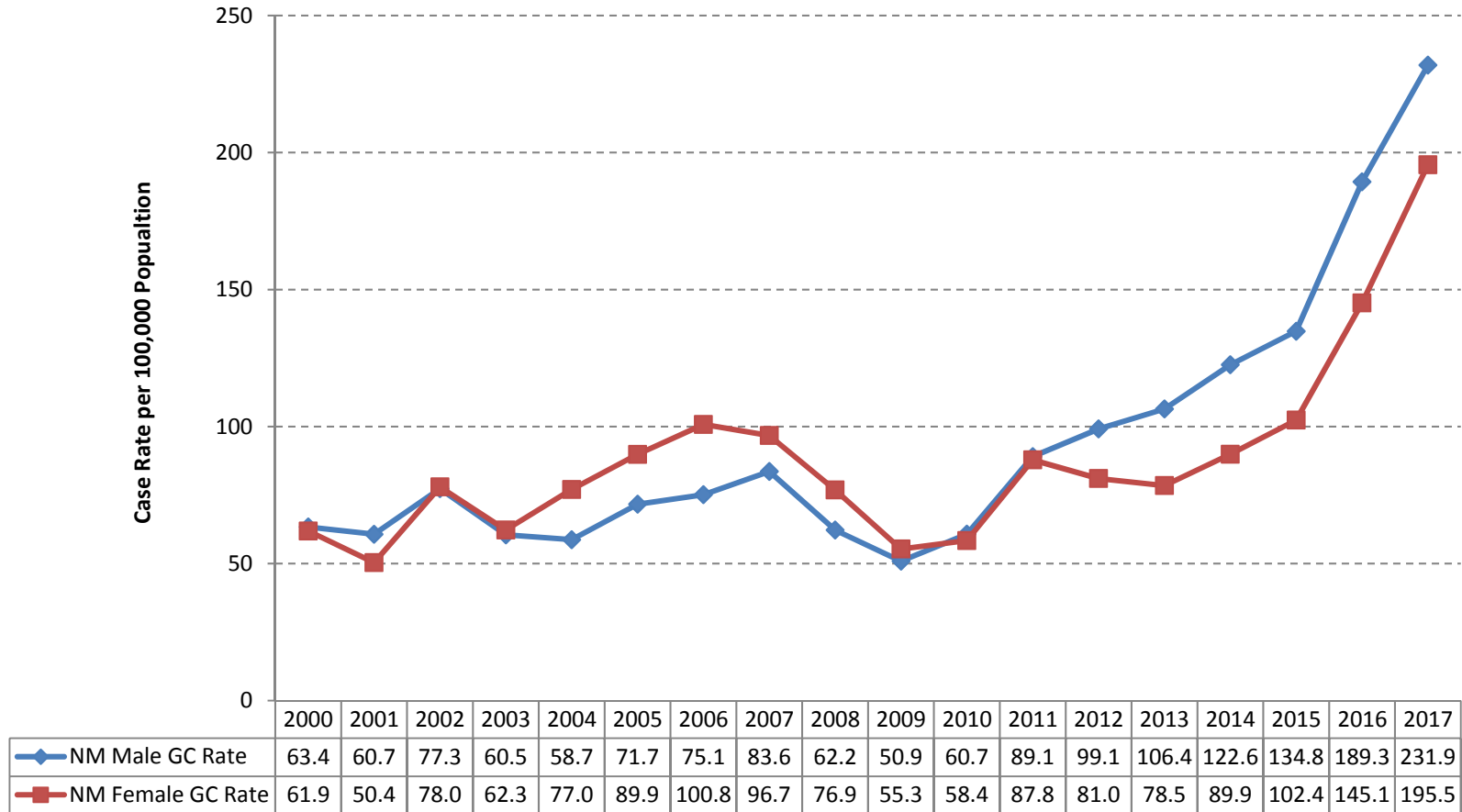


Source: PRISM for NM Rates, CDC Surveillance Reports for US Rates

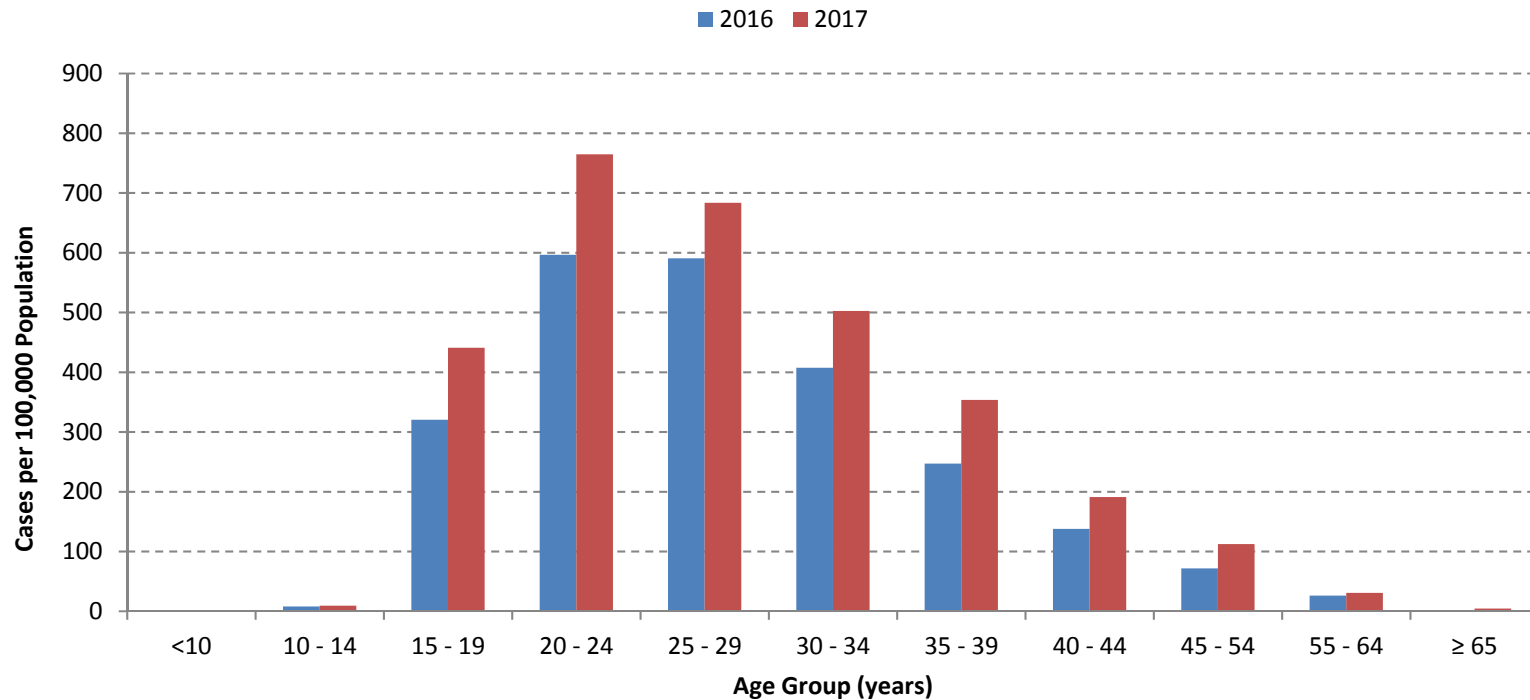


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Gonorrhea Rates by Sex New Mexico, 2000-2017

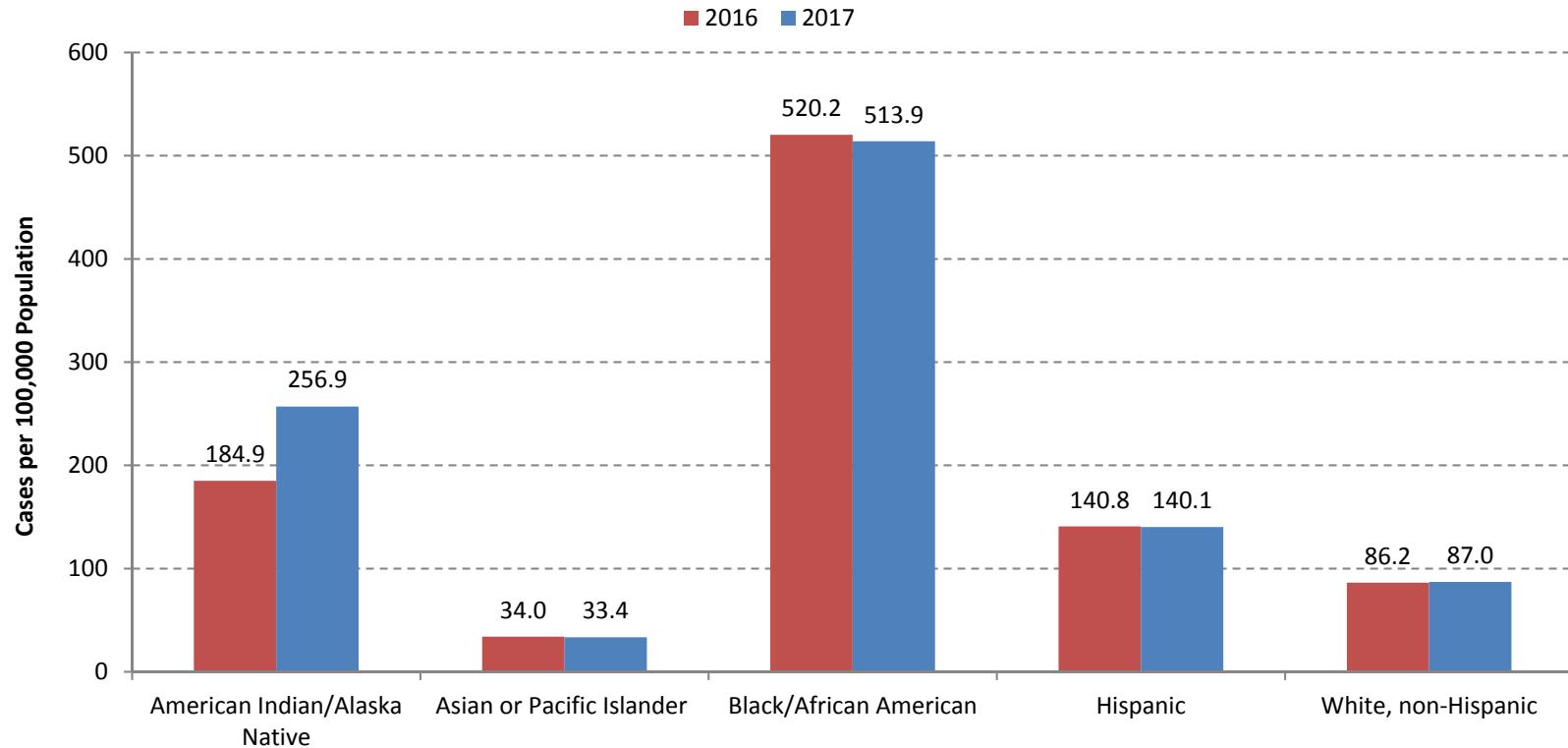


Gonorrhea Rates by Age Group New Mexico, 2016 - 2017



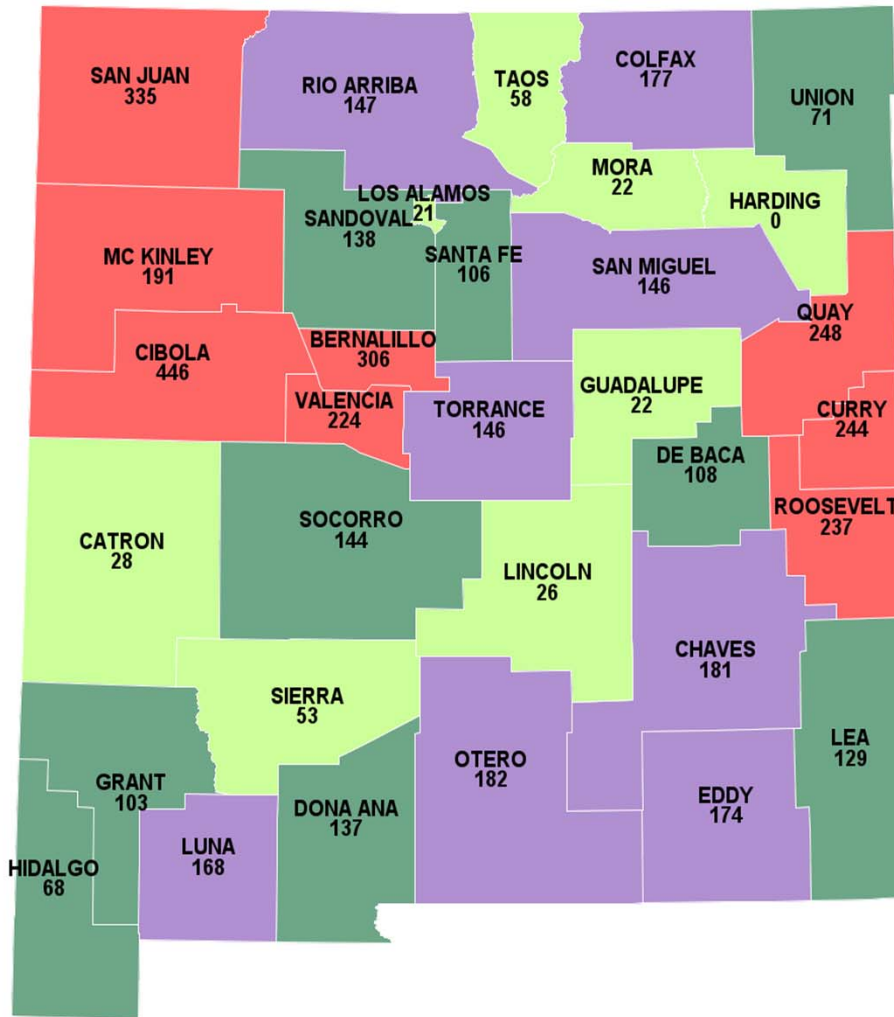
- Gonorrhea rates increased overall from 2016 to 2017
- Most striking changes from 2016 to 2017:
 - Rates in 2017 among women ages 20-24 increased by 33.5% compared to 2016
 - Rates in 2017 among men ages 20-24 increased by 23.5% compared to 2016

Gonorrhea Rates by Race/ Ethnicity New Mexico, 2016 - 2017

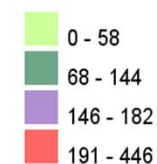


Similar to national level data, gonorrhea rates show health disparities:
Gonorrhea disproportionately affects African American, American Indian, and Hispanic populations in New Mexico



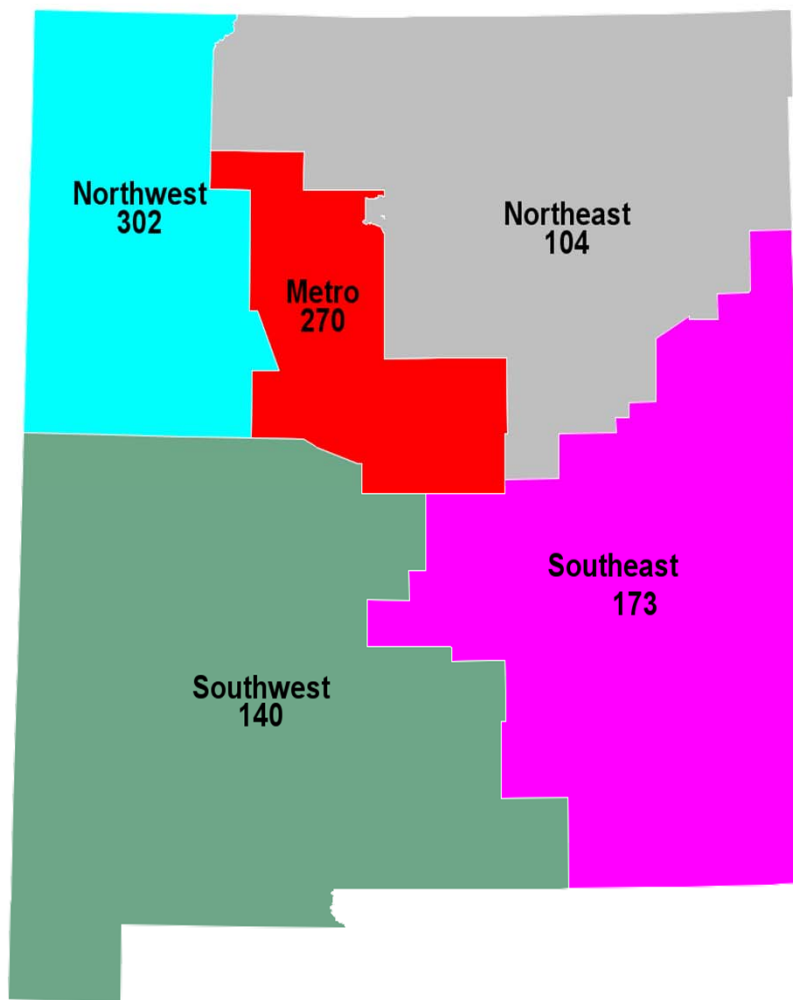


Gonorrhea Rate per 100,000 by County, New Mexico, 2017



Rates per
100,000 by
Quartile

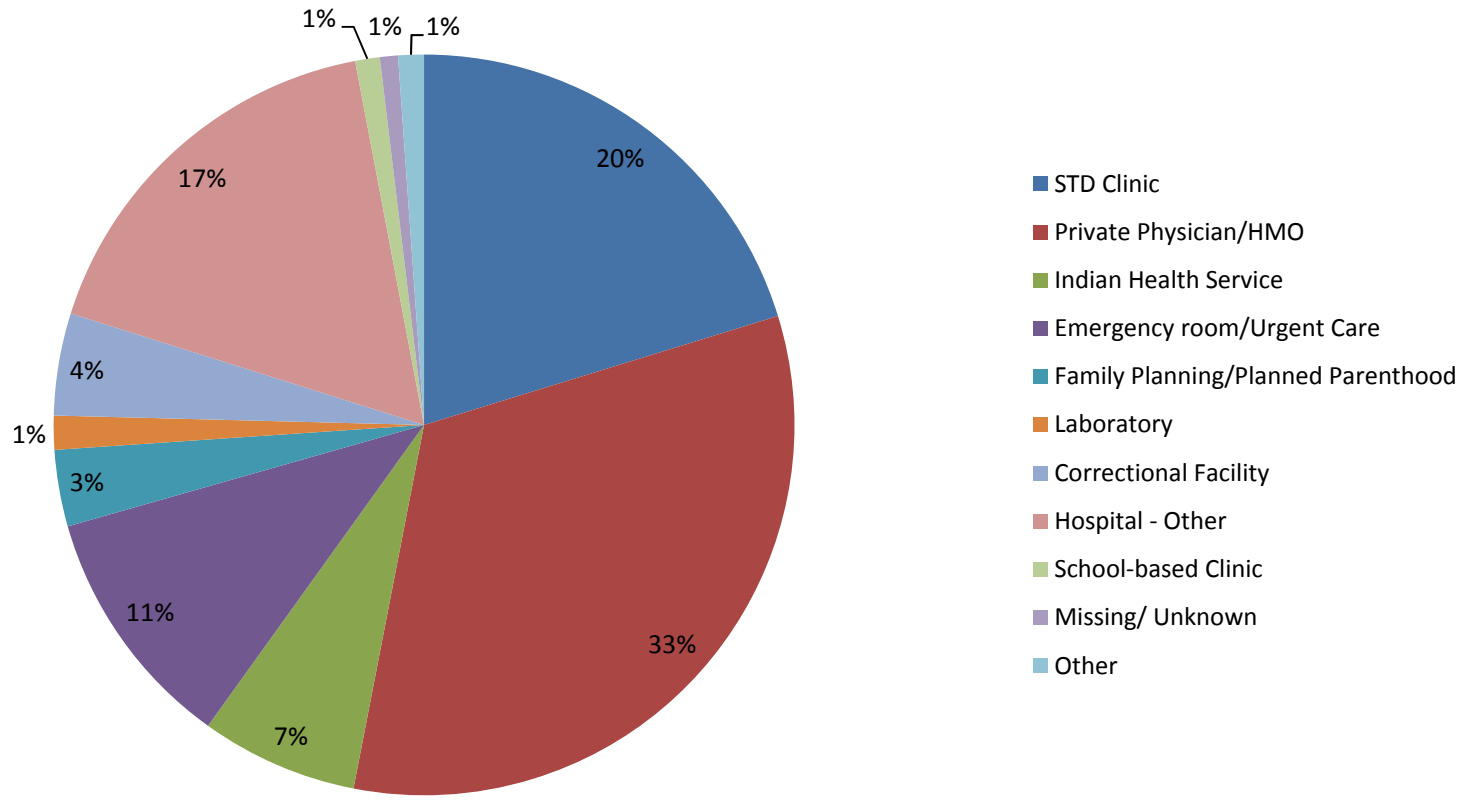




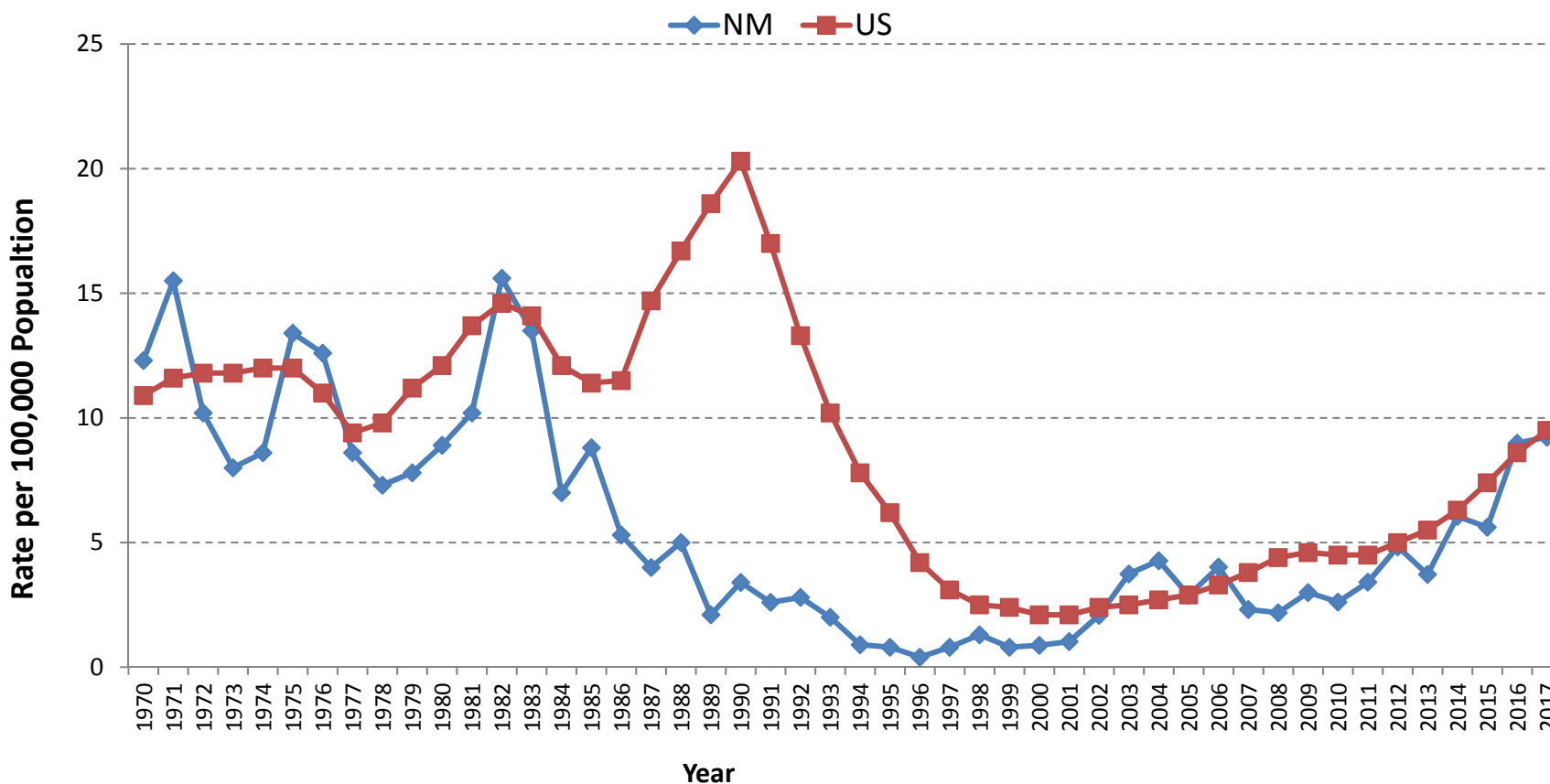
Gonorrhea Rate per 100,000 by Region, New Mexico, 2017



Percent of Gonorrhea Cases by Diagnosing Provider Type, New Mexico, 2017



Primary and Secondary Syphilis Rates, New Mexico and US, 1970 - 2017

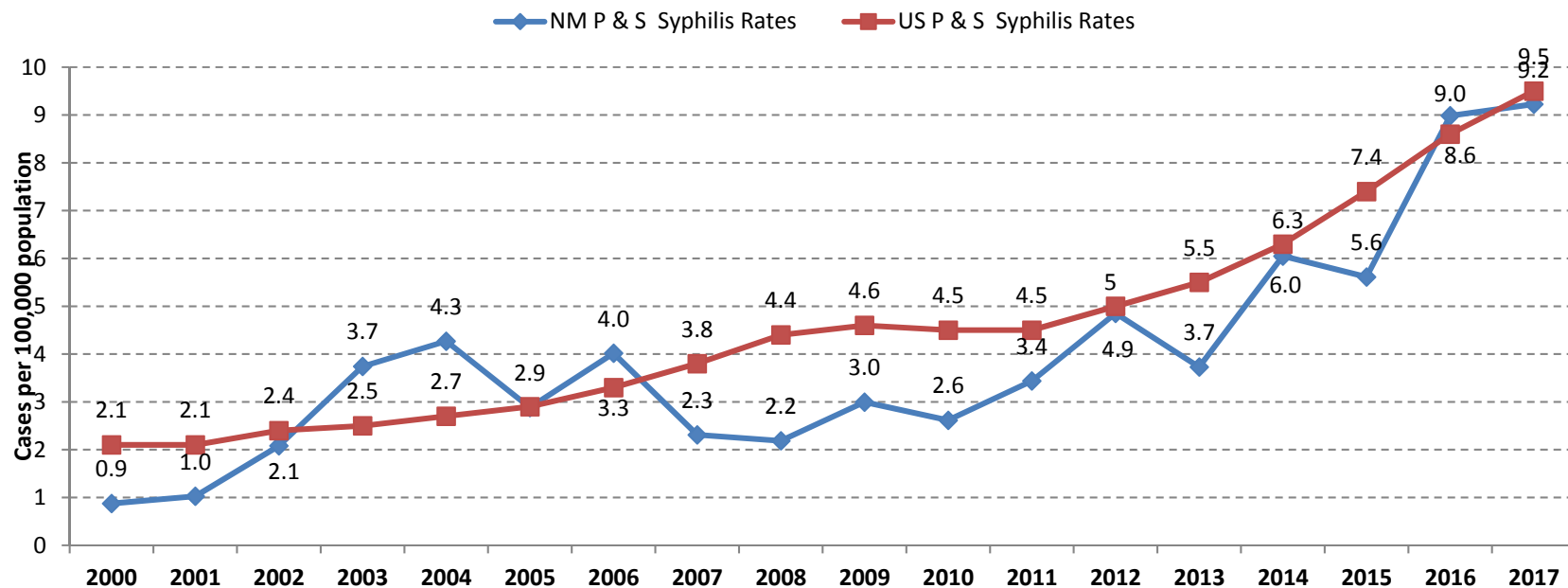


Source: PRISM for NM Rates, CDC Surveillance Reports for US Rates



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Rates of Primary and Secondary Syphilis New Mexico and US, 2000 - 2017



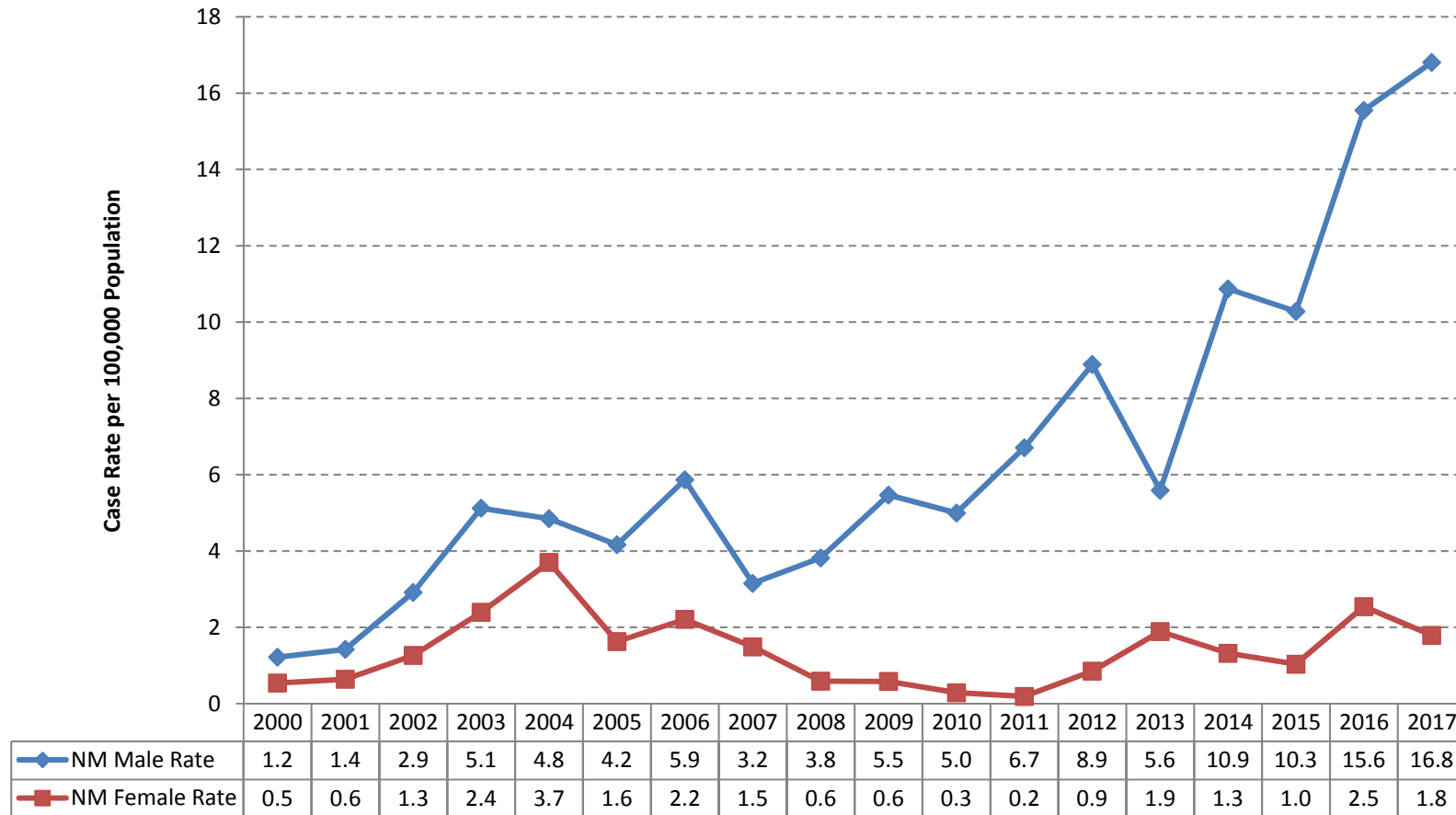
Rates of primary and secondary syphilis in New Mexico have increased over the past 2 years. Between 2015 and 2016 there was an case increase of 61%. Between 2016 and 2017 there was a case increase of 2.2%.

A steady increase has been seen in the US rate from 2010 to 2016. In 2016, New Mexico ranked 11th in the nation for syphilis, and had a slightly lower rate than in 2017, at which time, the ranking was 14th in the nation, indicating a better ranking compared to other states than in the previous year.

Source: PRISM for NM Rates, CDC Surveillance Reports for US Rates



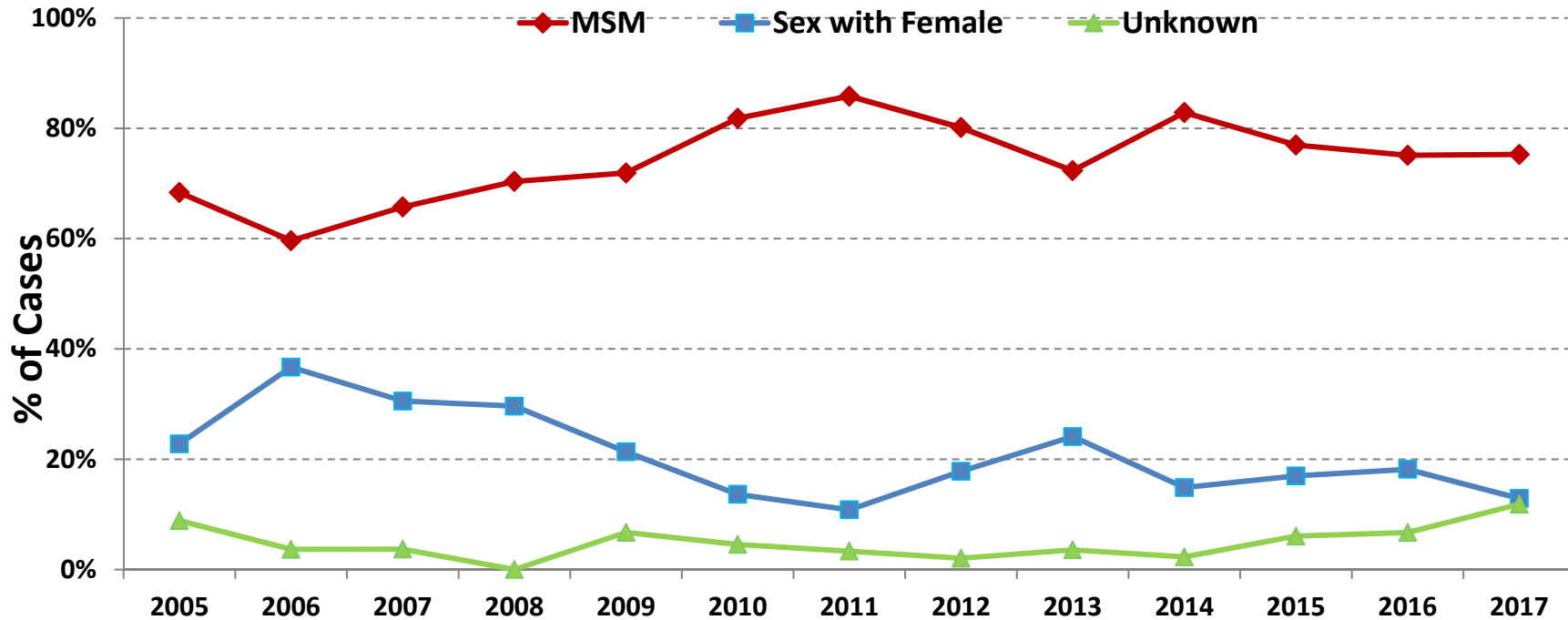
Primary and Secondary Syphilis Cases by Sex, New Mexico, 2000-2017



90% of all reported primary and secondary syphilis cases in 2017 were male

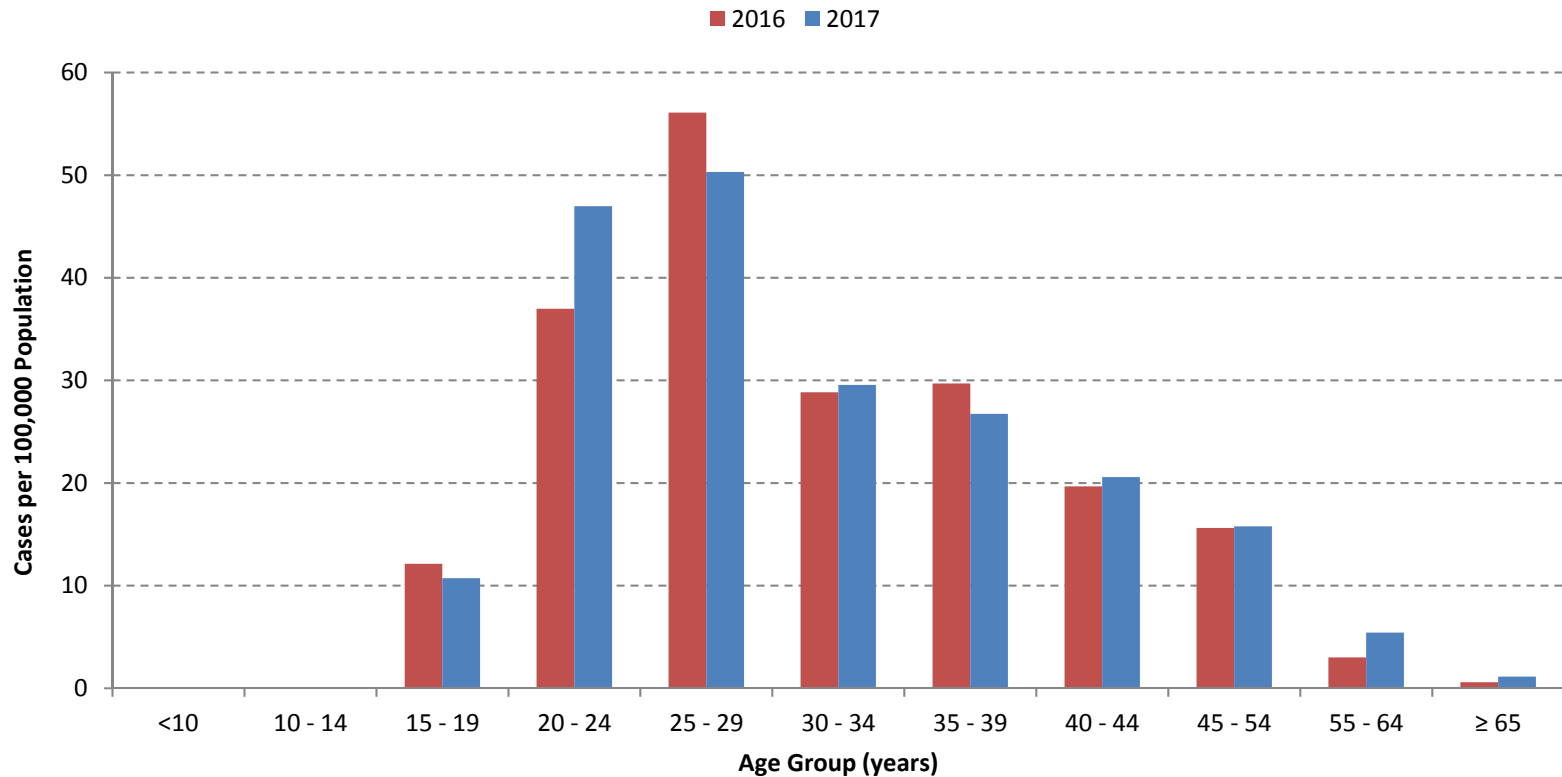


Percentage of cases of Primary, Secondary, and Early Latent Syphilis Among Men, by Gender of Partner New Mexico, 2005 - 2017



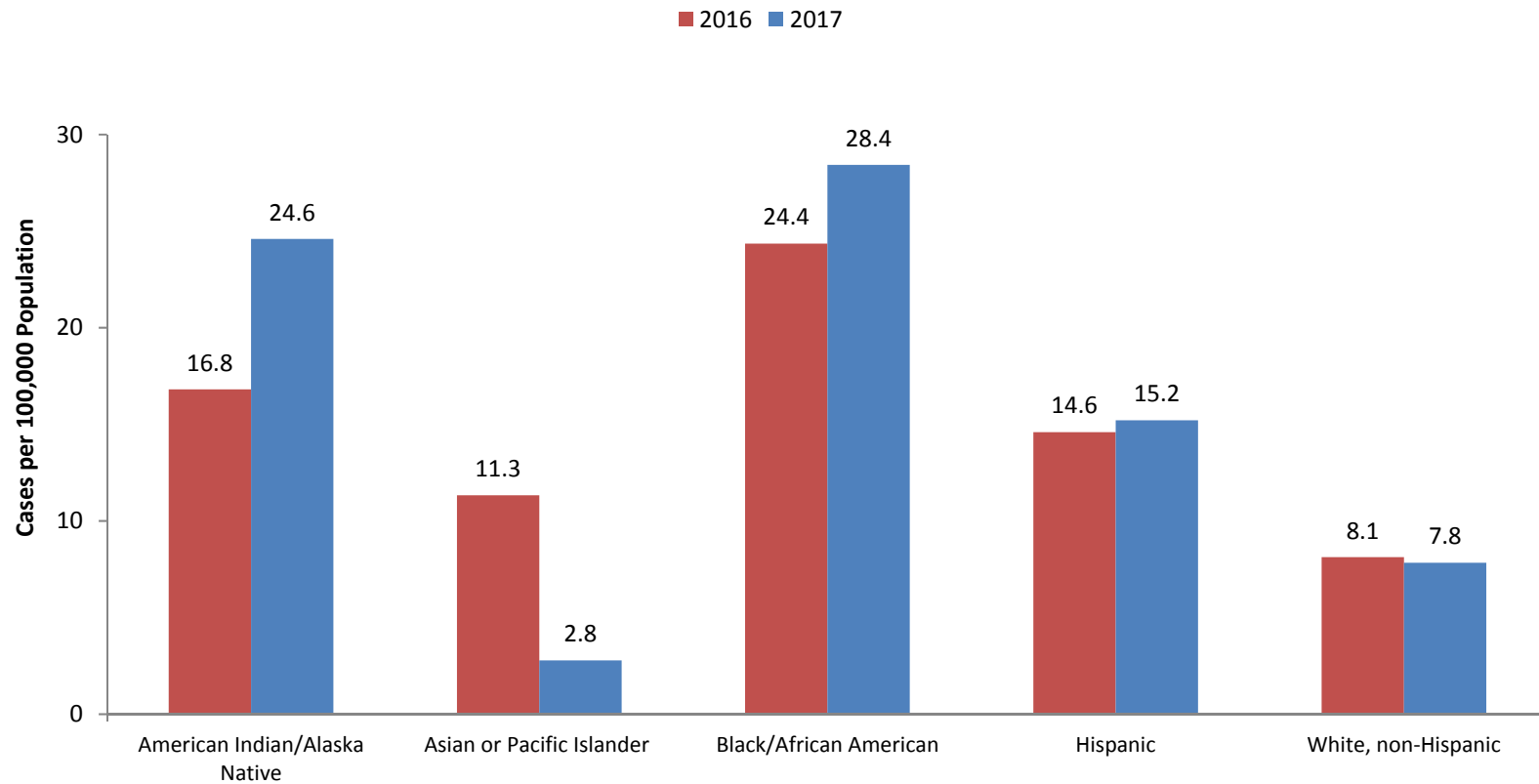
Of all male cases of syphilis in 2017, where gender of partner was known, 85% of cases were men with male sex partners (MSM). The percent that had sex with female(s) decreased in 2017 by 5% over 2016.

Primary, Secondary, and Early Latent Syphilis Rates by Age Group, Males New Mexico, 2016-2017

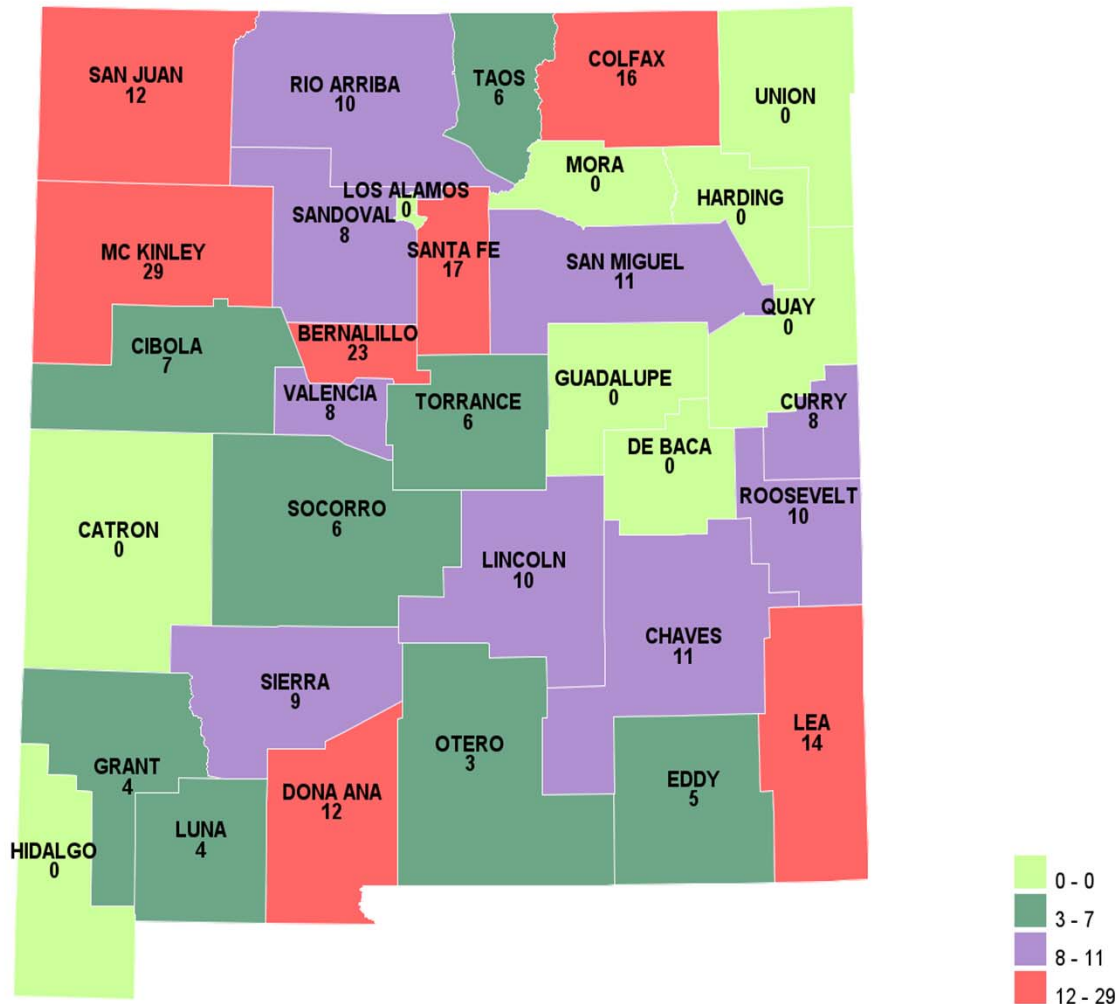


Compared to 2016, there was an increase in P,S, and EL syphilis rates among men age 20-24 in 2017, and a slight decrease among men age 25-29 in 2017

Primary, Secondary, and Early Latent Syphilis Rates by Race/Ethnicity, NM, 2016 – 2017

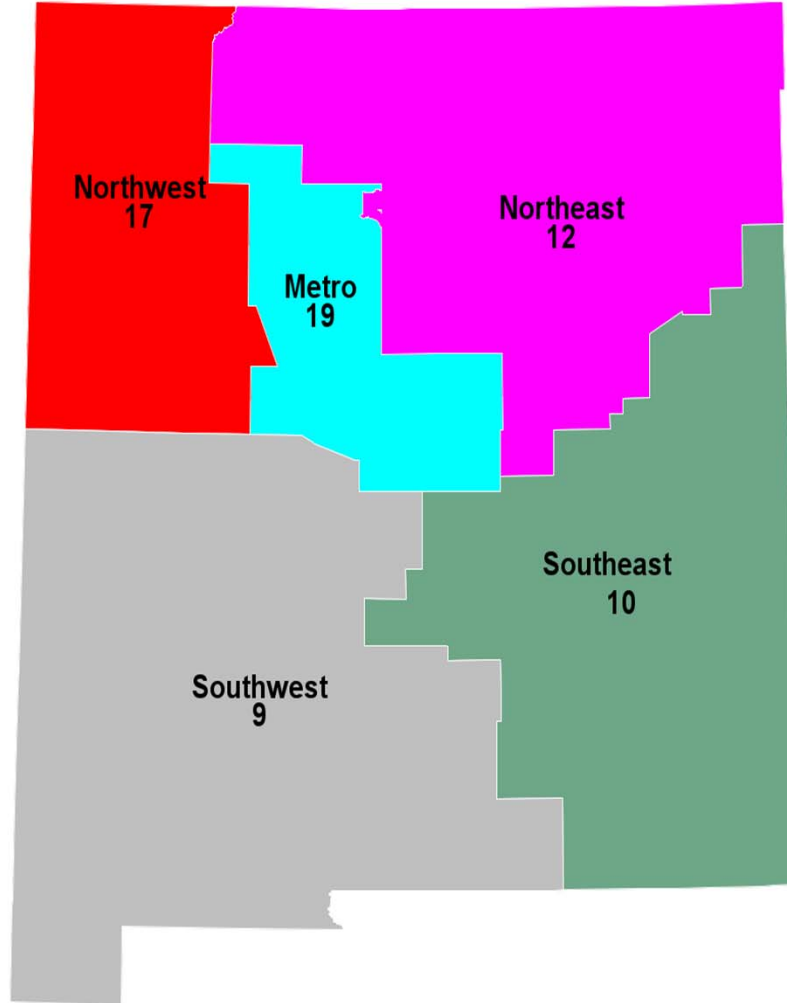


Primary, Secondary, and Early Latent Syphilis Rates by County, New Mexico, 2017



Rates per 100,000 by Quartile

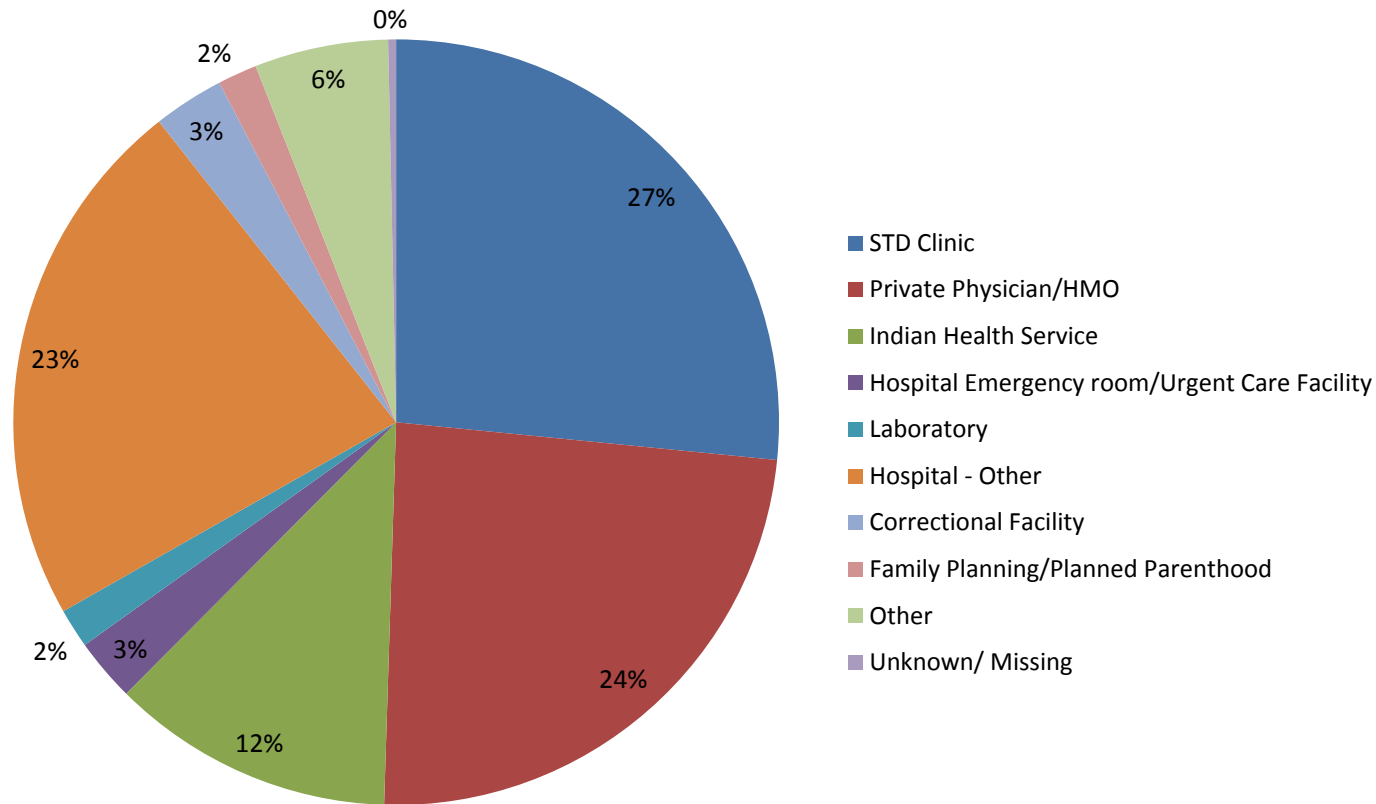




Syphilis Rate per 100,000 by Region, New Mexico, 2017



Percent of Primary, Secondary and Early Latent Syphilis Cases by Diagnosing Provider New Mexico, 2017

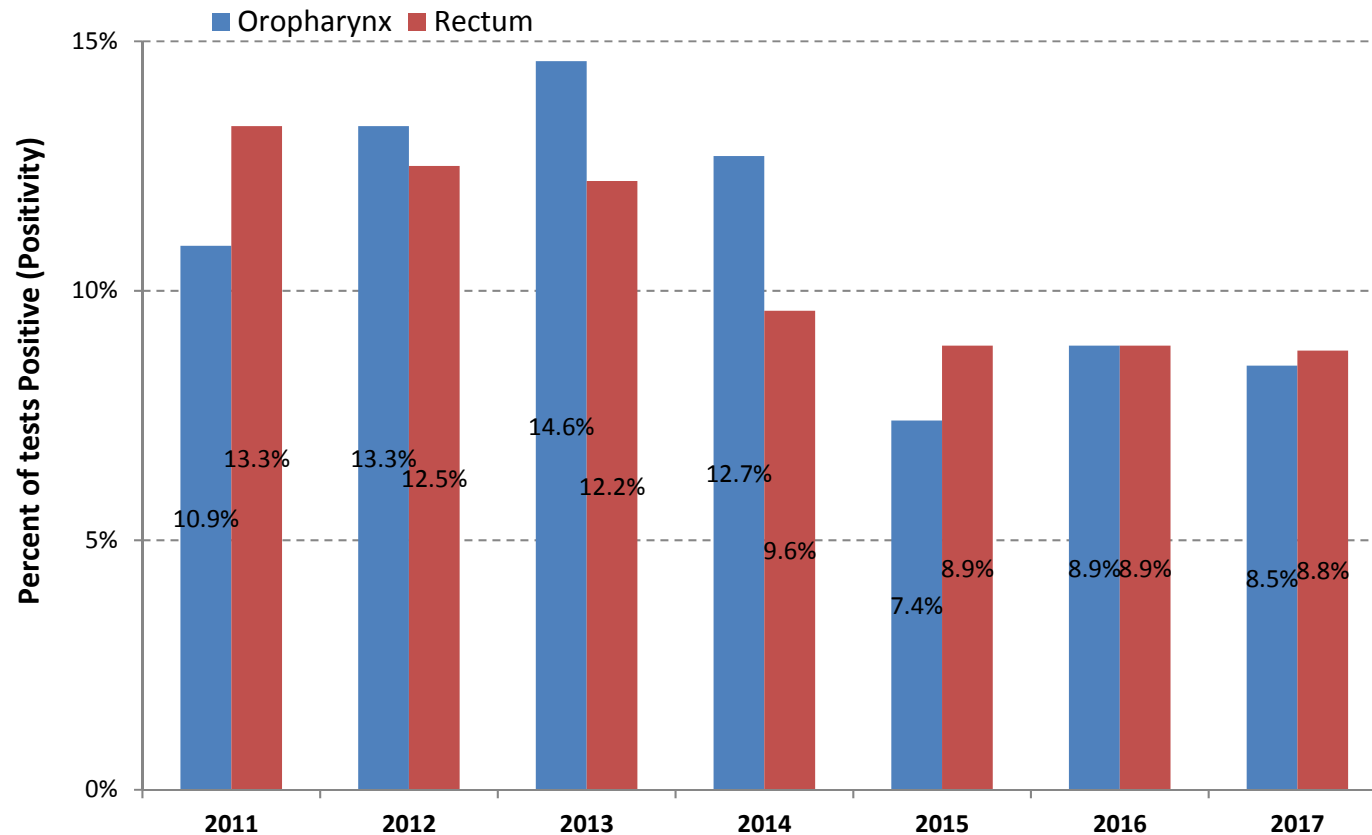




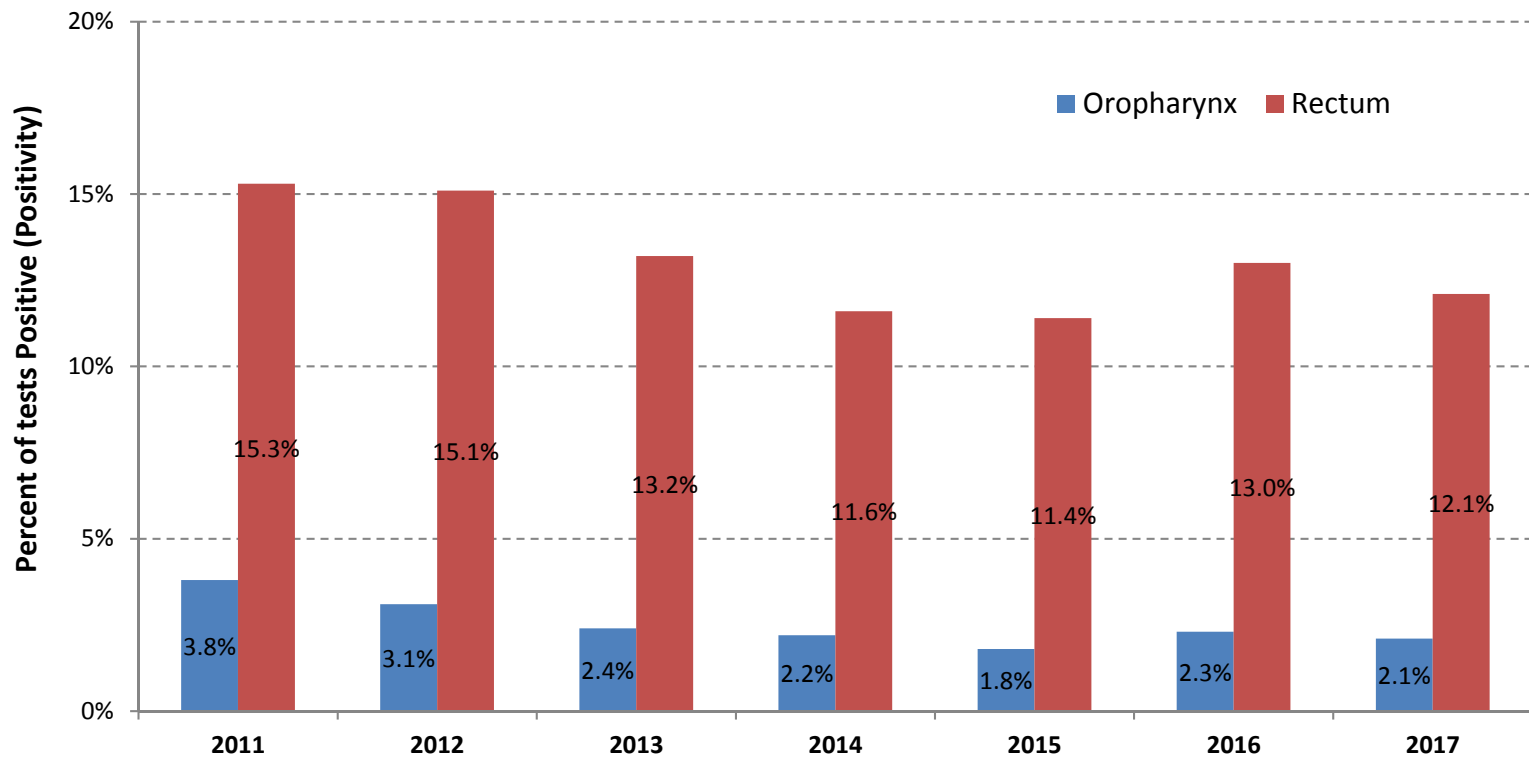
Men with Male Sex Partners (MSM)

Special Populations

GC Positivity among Men Tested at Alternate Sites, New Mexico, 2011 - 2017

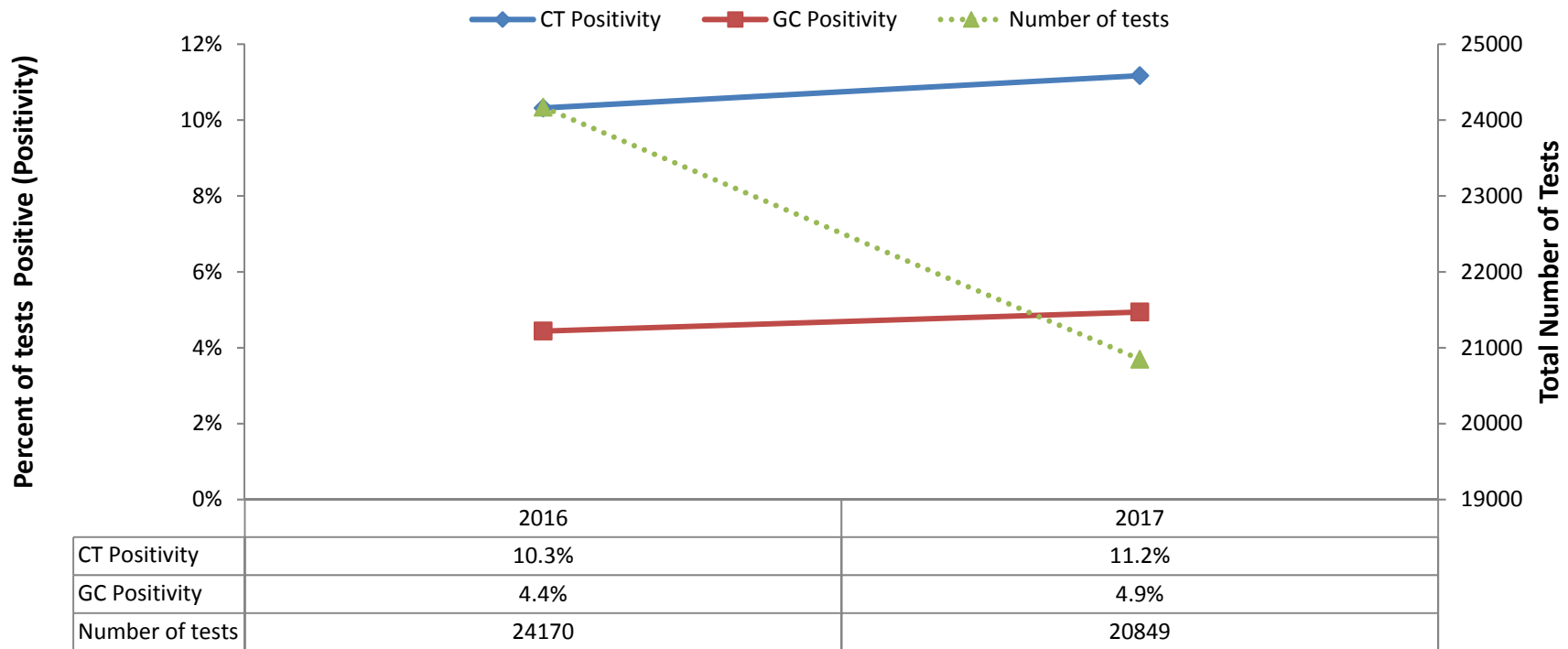


CT Positivity among Men Tested at Alternate Sites, New Mexico, 2011 - 2017



Streamlining DOH Testing Efforts

CT and GC Positivity and Testing Volume, 2016-2017



Testing ratios by sex remained relatively stable from 2016 to 2017 overall : from 58% female in 2016 to 56% female in 2017, in males from 42% in 2016 to 44% in 2017.

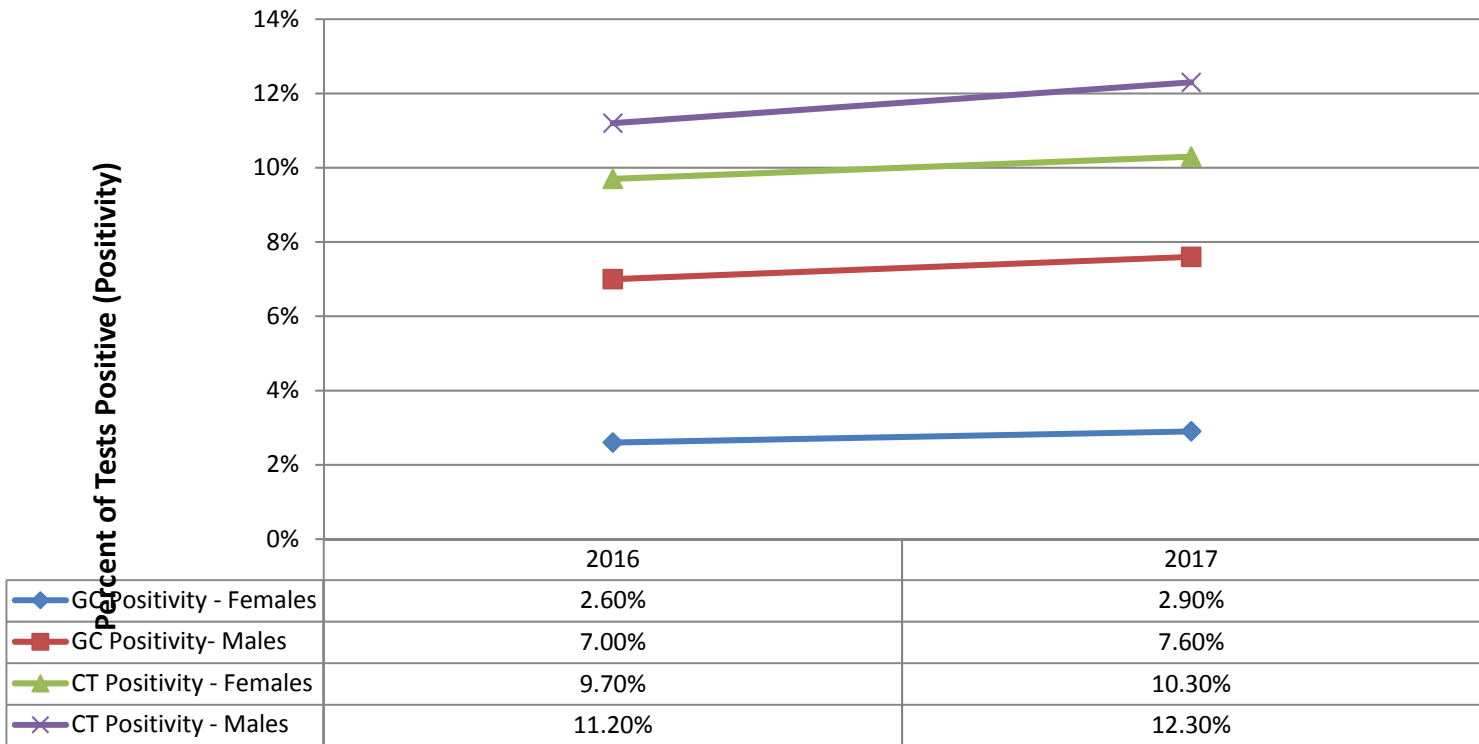
% of tests in women <age 25 remained fairly stable from 65% in 2016 to 66% in 2017; in males <age 25 testing remained stable, from 39% in 2016 to 40% in 2017





Gonorrhea and Chlamydia Testing in NM DOH Testing Programs

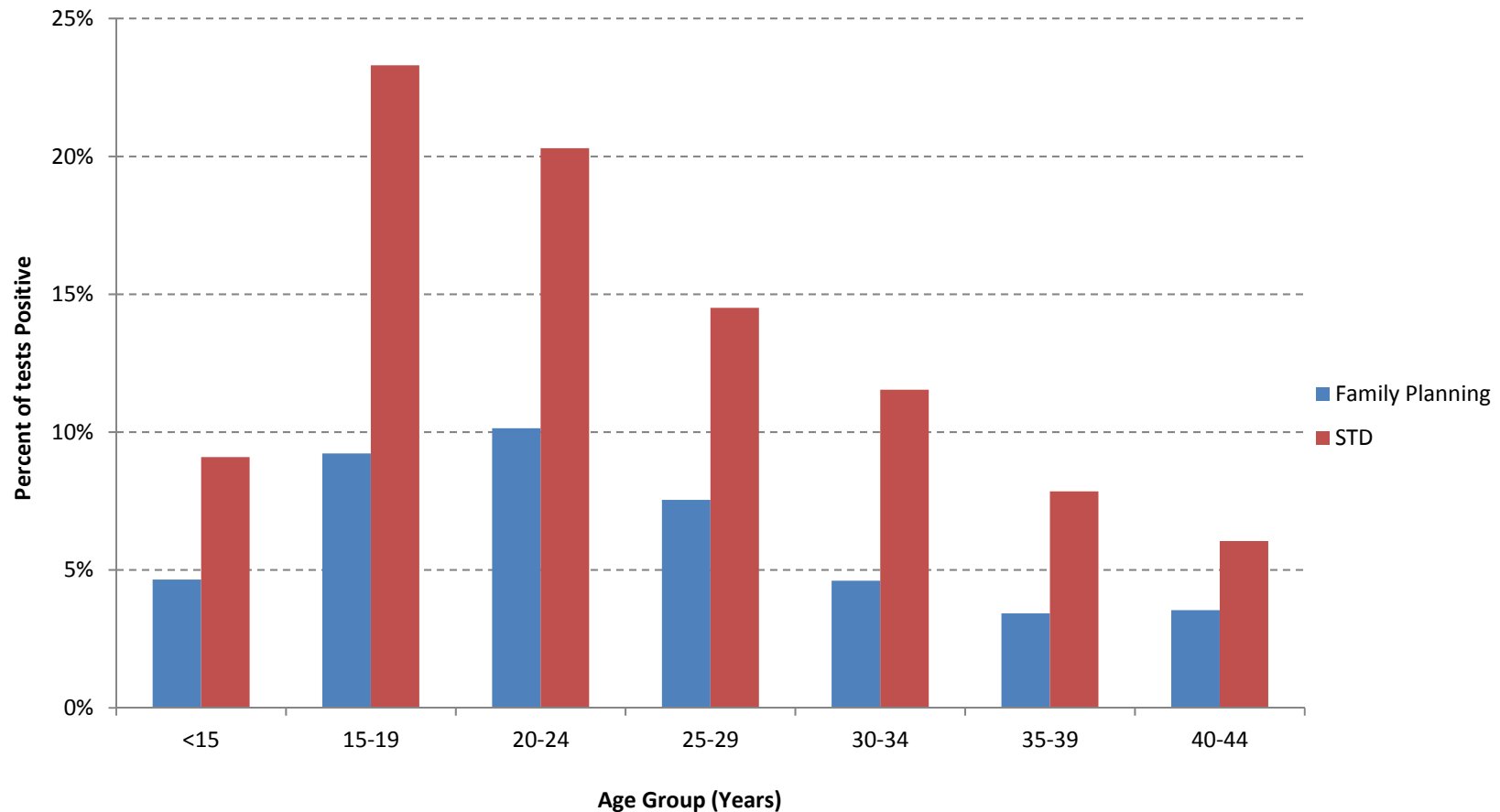
Chlamydia and Gonorrhea Positivity by Sex, all NMDOH Testing Sites, 2016-2017



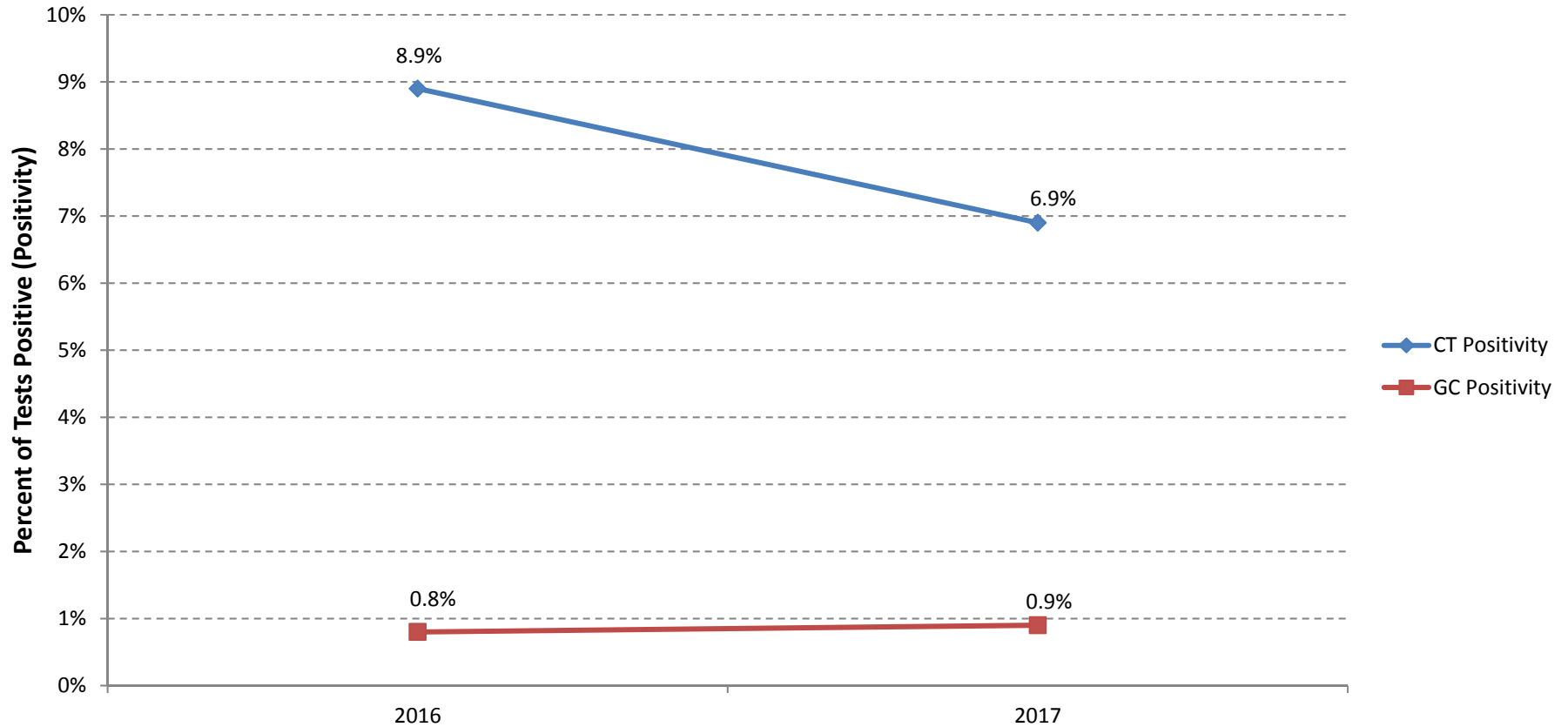
Note: CT positivity is higher in males, despite the fact that CT case rate per slide 3 is higher for females. A possible explanation could be that most male clients who come in for testing have symptoms, and therefore a higher percentage of positive cases will be found. Females, on the other hand, are screened more often, and there will be a greater percentage of cases reported overall.



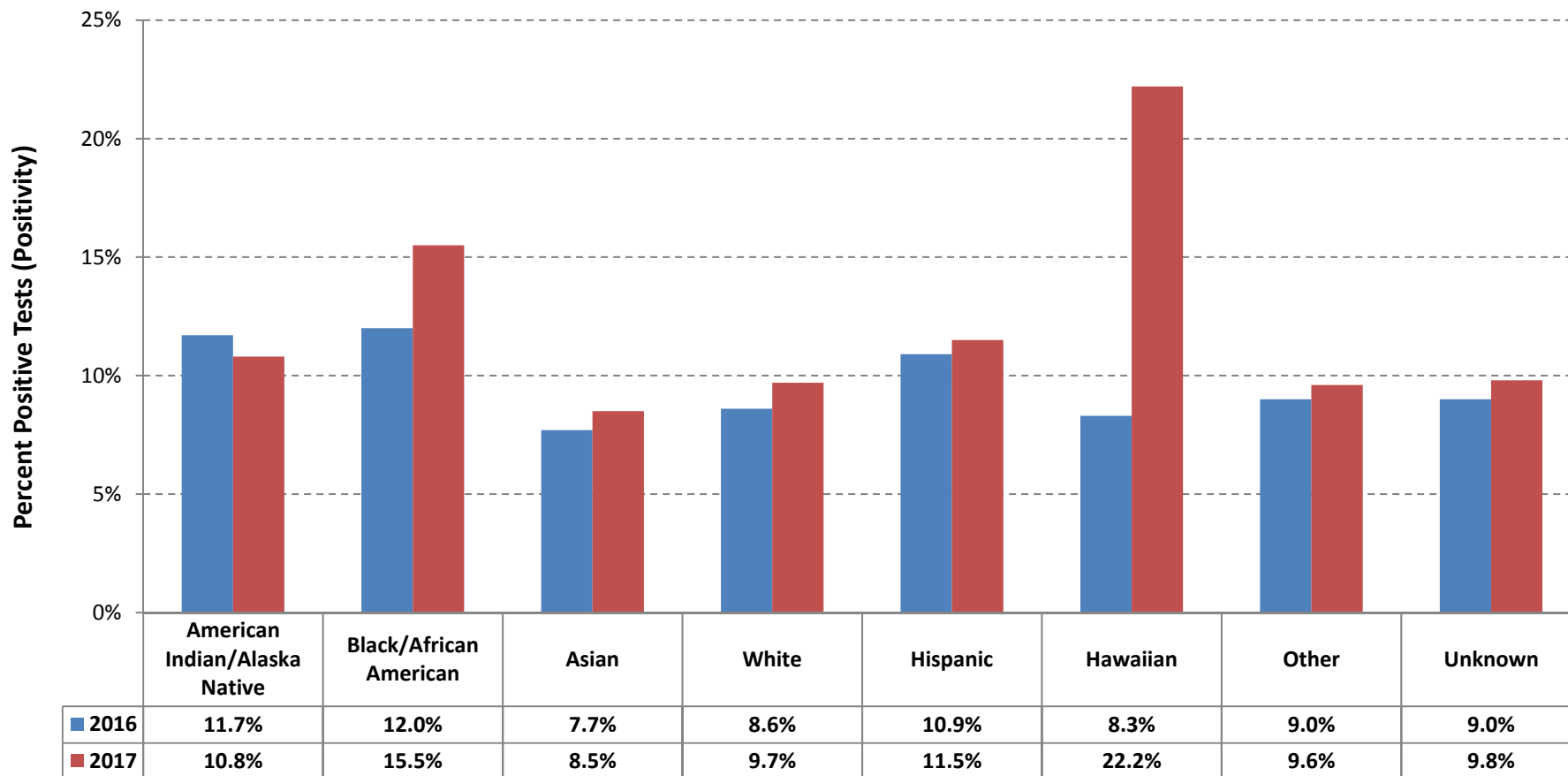
Chlamydia Positivity by Clinic Type, Females, all NM DOH Test Sites, 2017



Chlamydia and Gonorrhea Positivity, Females ≤25 years, Tested in NMDOH Family Planning Sites, 2016-2017



Chlamydia Positivity by Race/ Ethnicity, all NMDOH Test Sites, 2016-2017



Gonorrhea Positivity by Race/ Ethnicity, all NMDOH Test Sites, 2016-2017

