



# New Mexico STD Program Summary Slides 2013

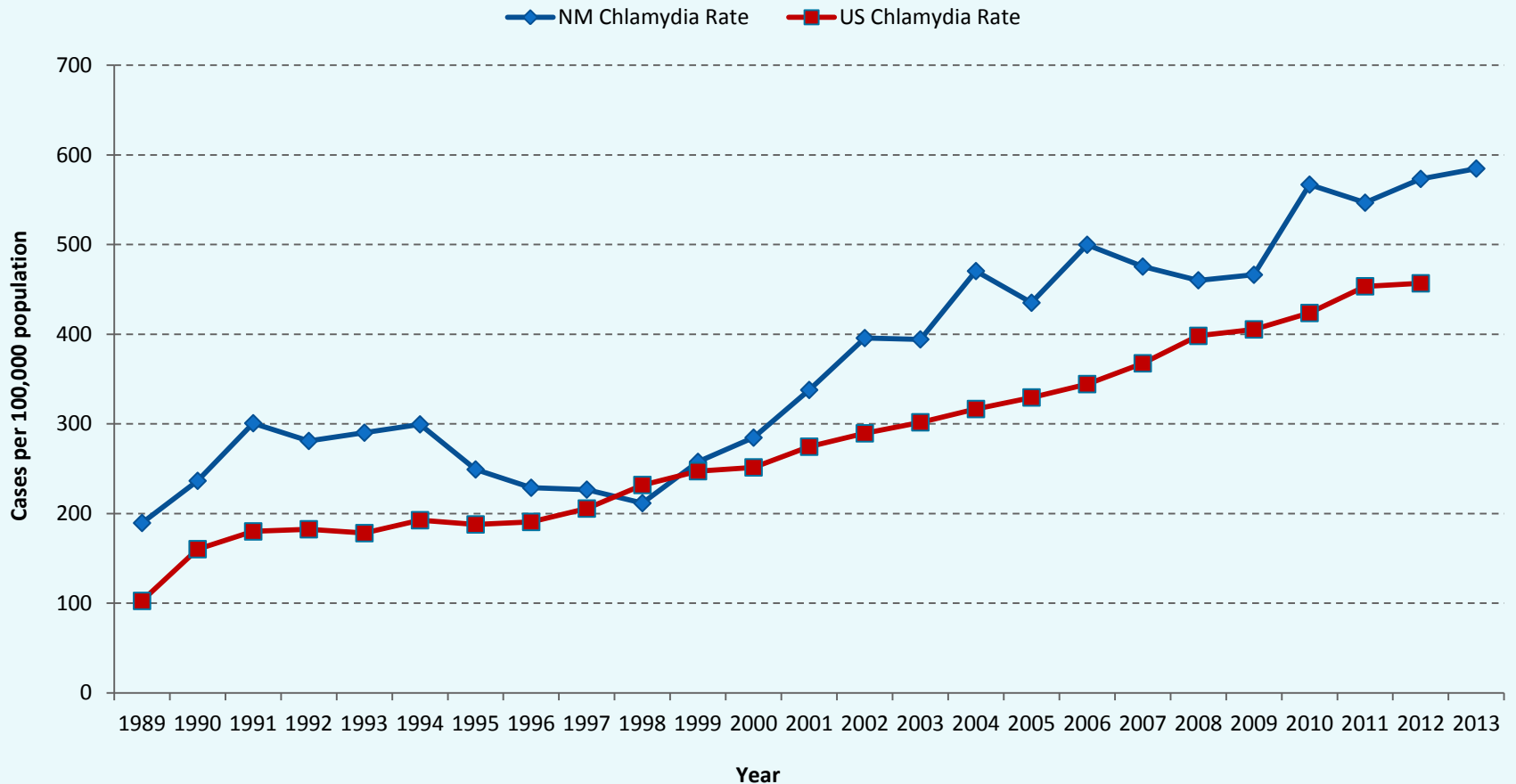
Janine Waters, STD Program Manager

Angie Bartok, Epidemiologist

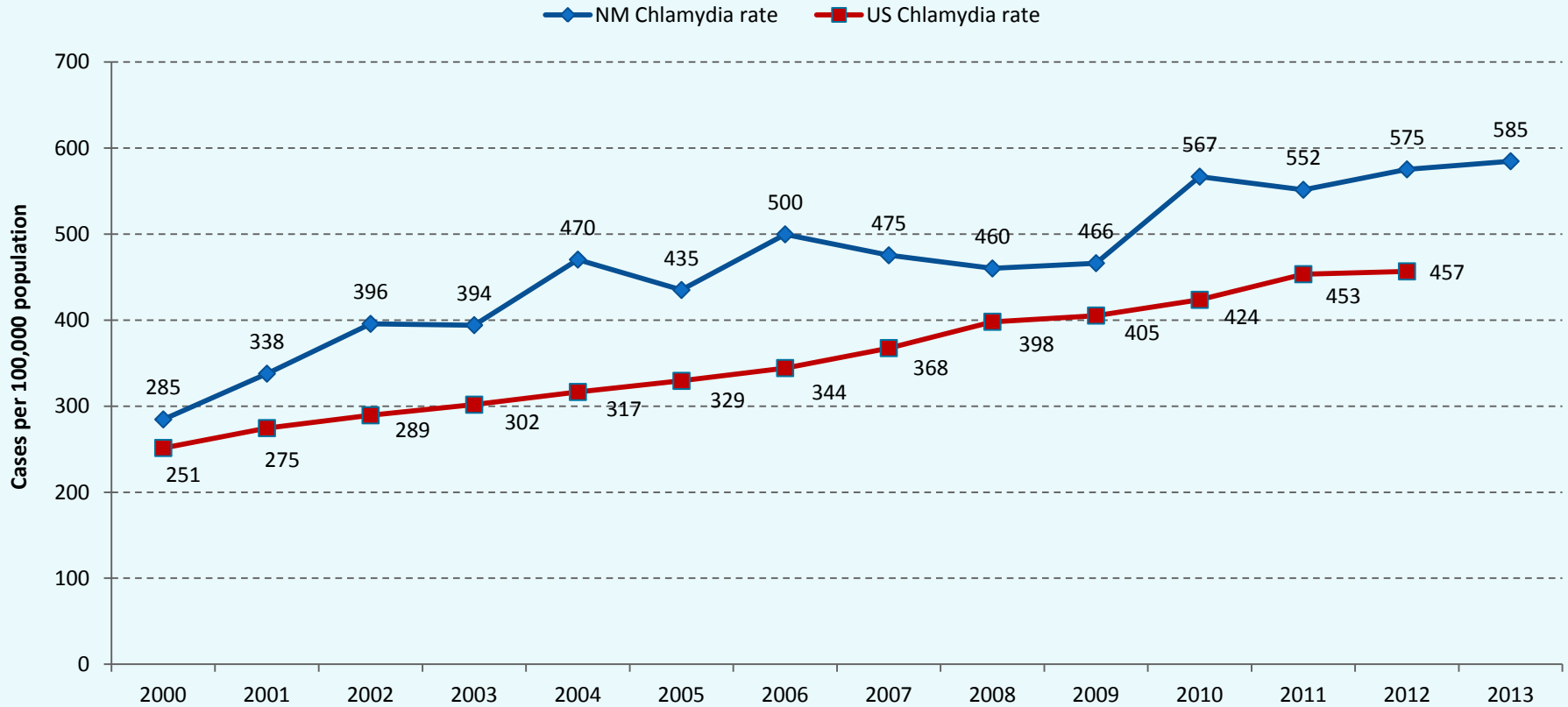
Lewis Smith, Surveillance Coordinator

Margo Yee, Surveillance Coordinator

# Historical Trends in Chlamydia Rates, New Mexico vs. US, 1989 - 2013

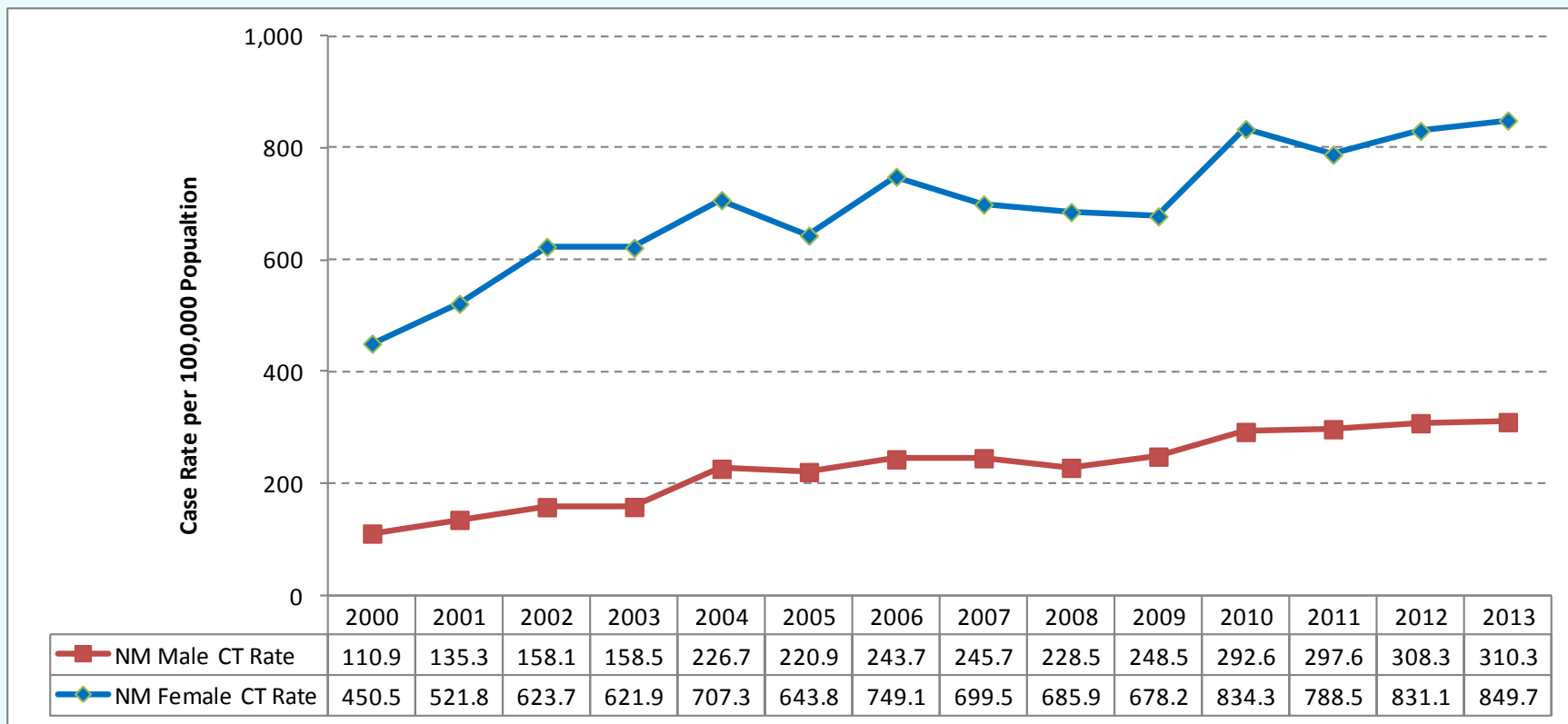


# Chlamydia Rates, NM vs. US. 2000-2013

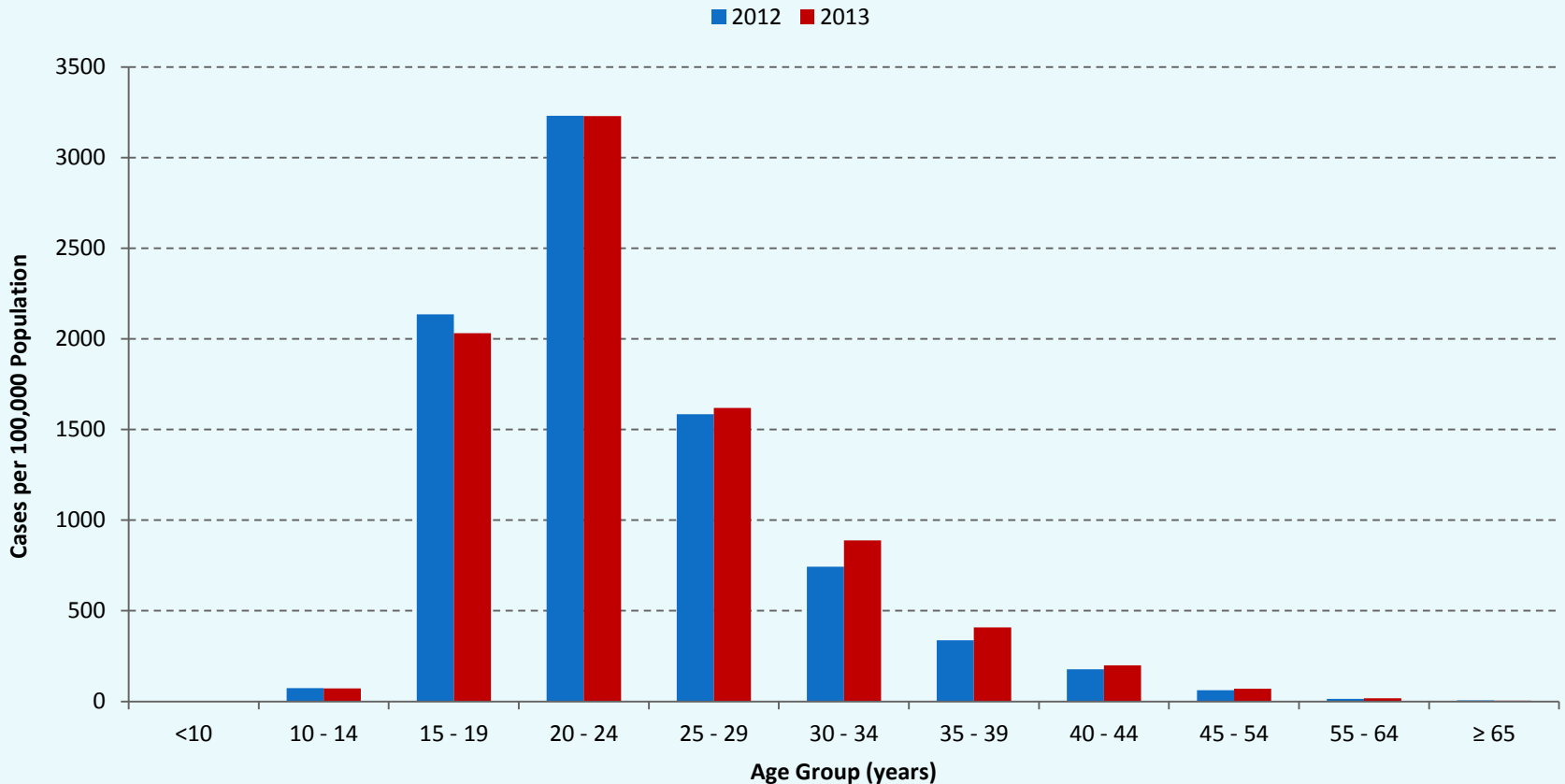


**NM ranked 6th in the nation for chlamydia rates in 2012**

# Chlamydia Rates by Sex, New Mexico, 2000 - 2013

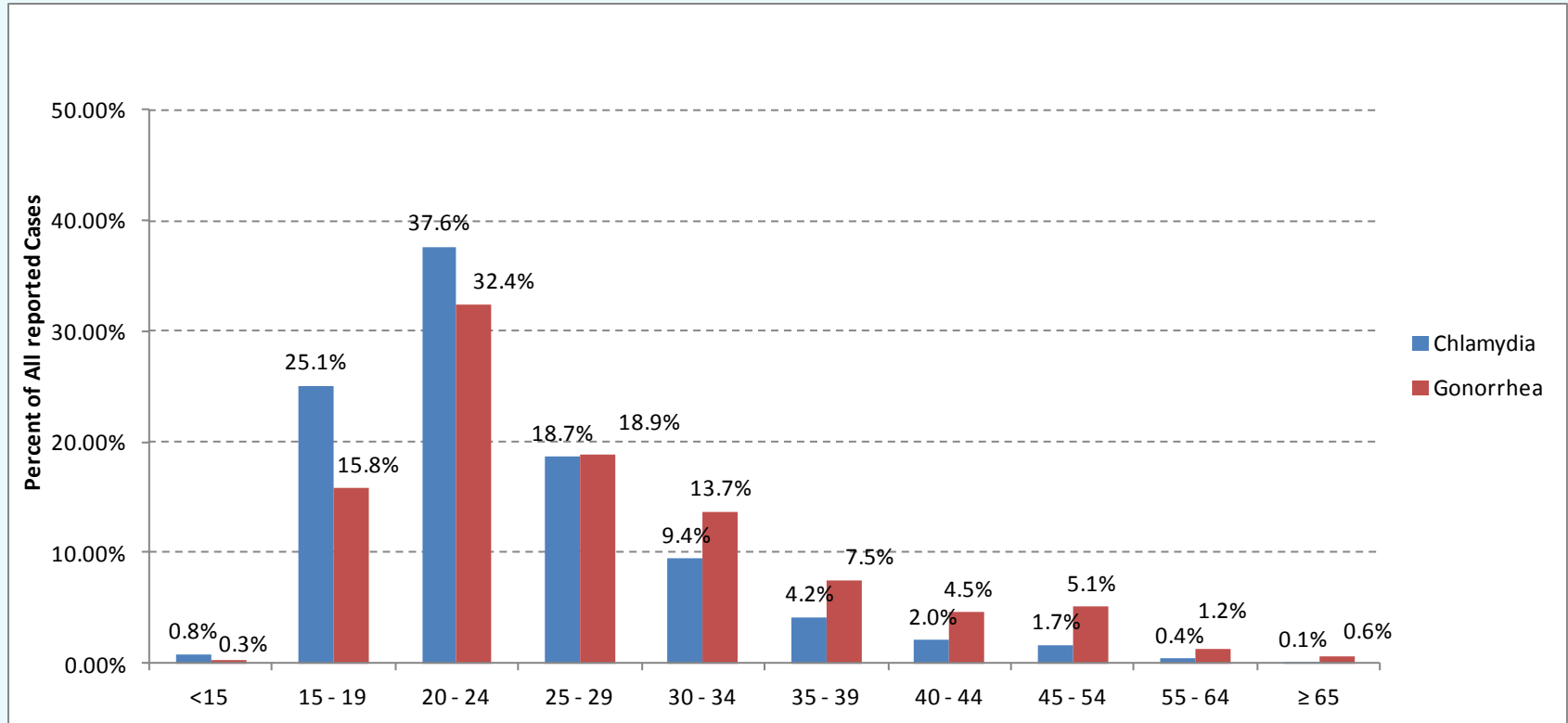


# Chlamydia Rates by Age Group, New Mexico, 2012 - 2013



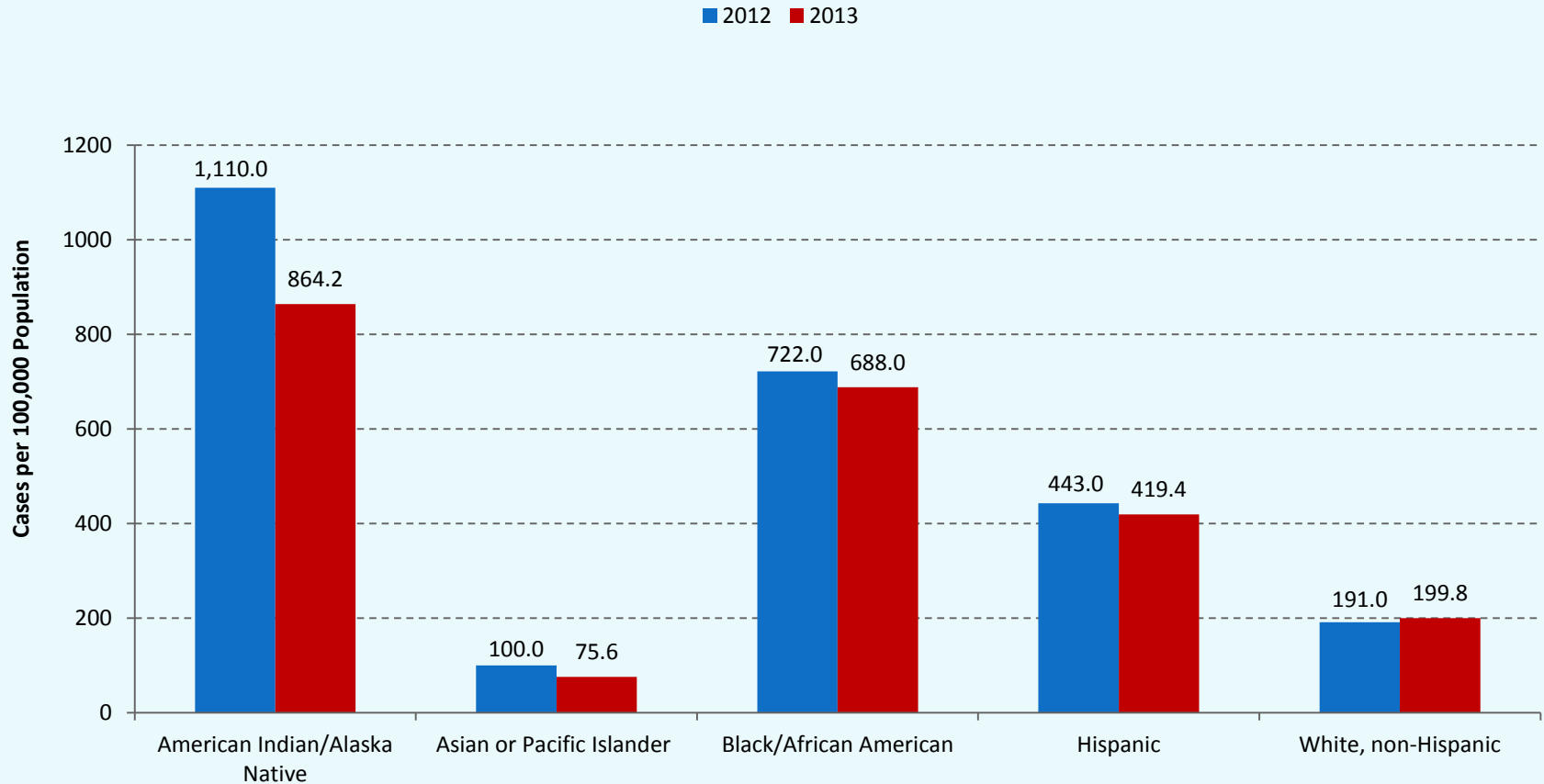
**Chlamydia predominantly affects adolescents and young adults, with rates of infection highest among 20-24 year olds followed by 15-19 year olds**

# Percent of Reported Chlamydia and Gonorrhea Cases by Age Group, New Mexico, 2013



- **63% of reported chlamydia cases are among persons ages 15-24 years**
- **48% of reported gonorrhea cases are among persons age 15-24 years**

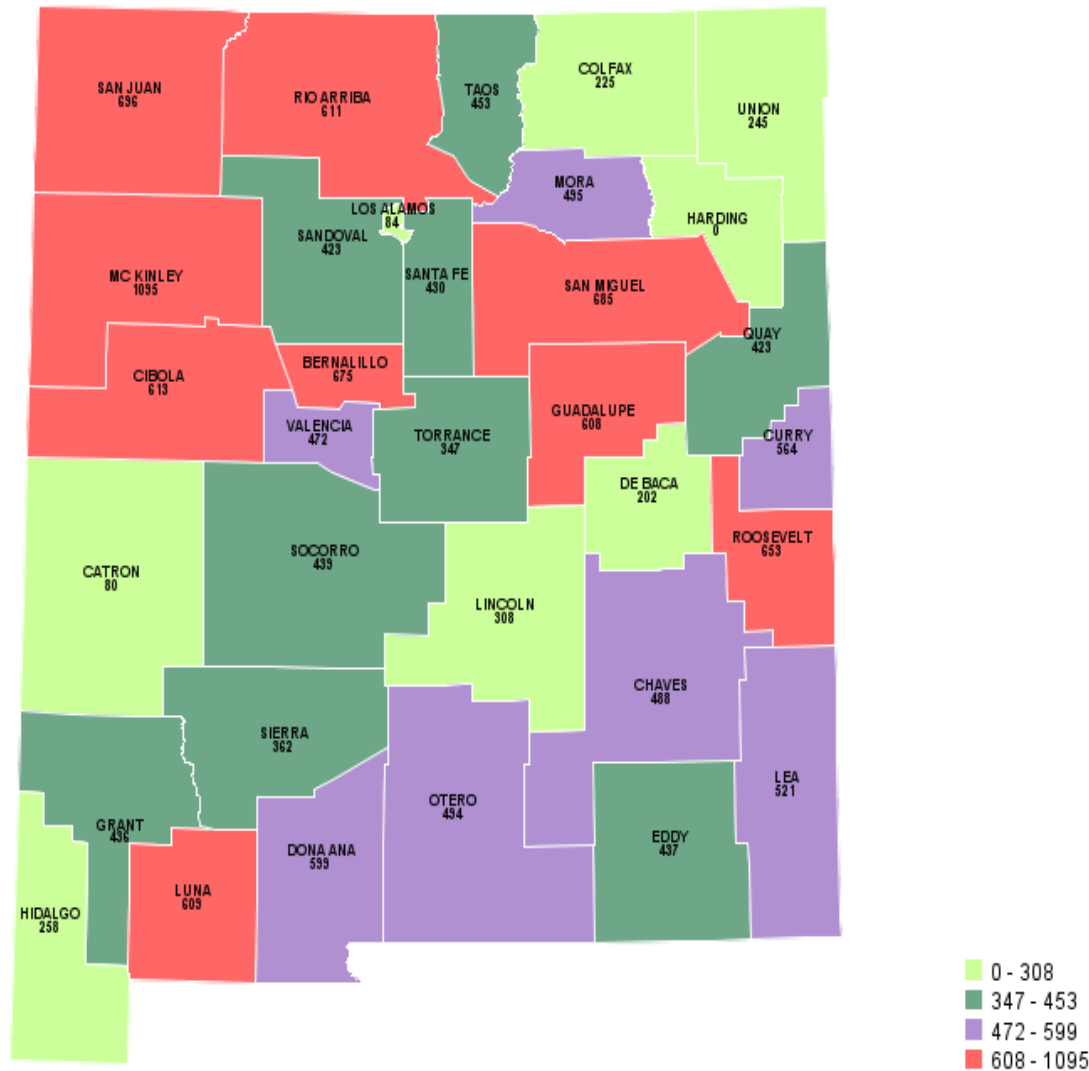
# Chlamydia Rates by Race/ Ethnicity, New Mexico, 2012 - 2013



**Similar to national level data, chlamydia rates show health disparities:**

**Chlamydia disproportionately affects African American, American Indian, and Hispanic populations in New Mexico**

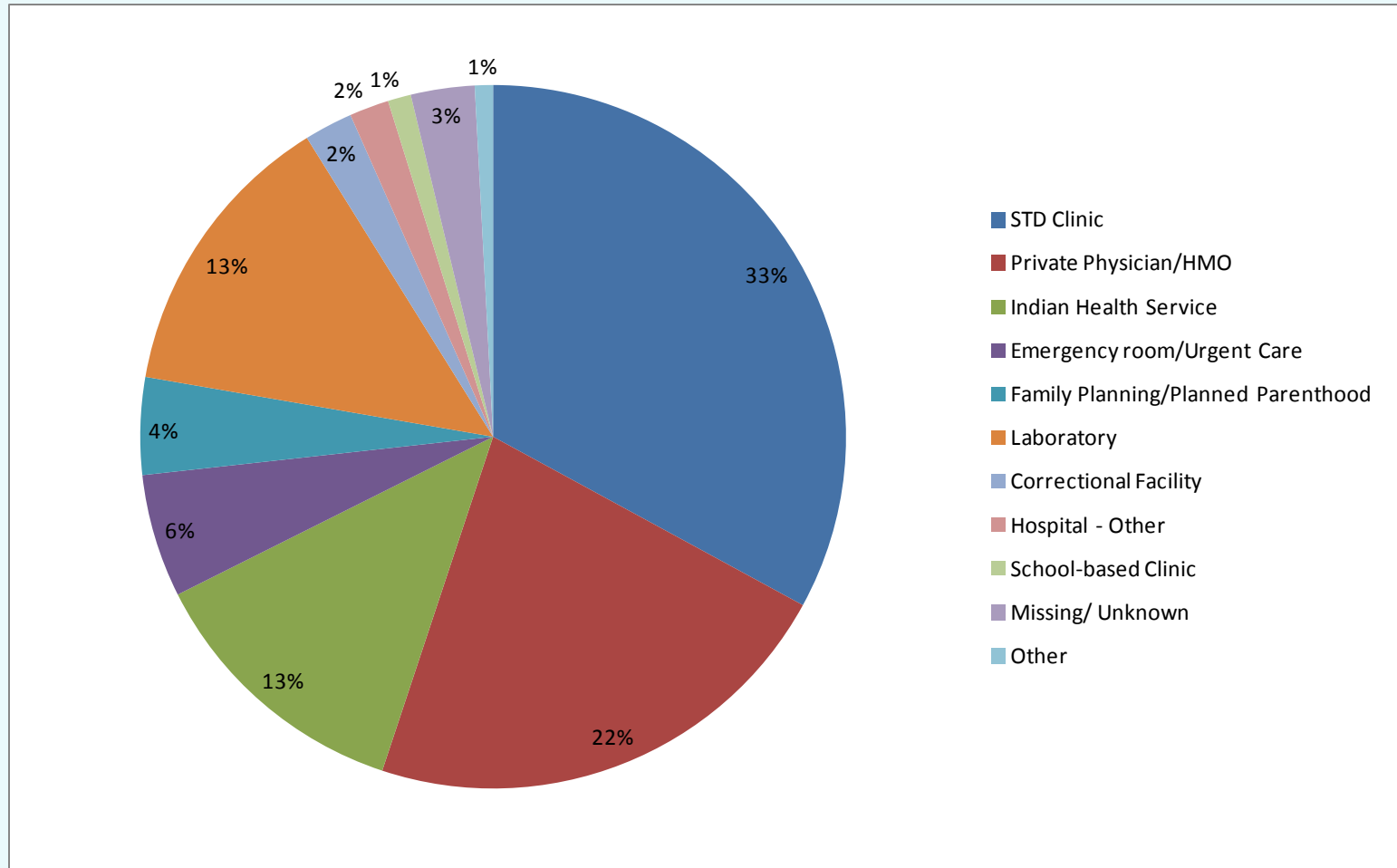
# Chlamydia Rates per 100,000 by County, New Mexico, 2013



Rates per 100,000 by Quartile

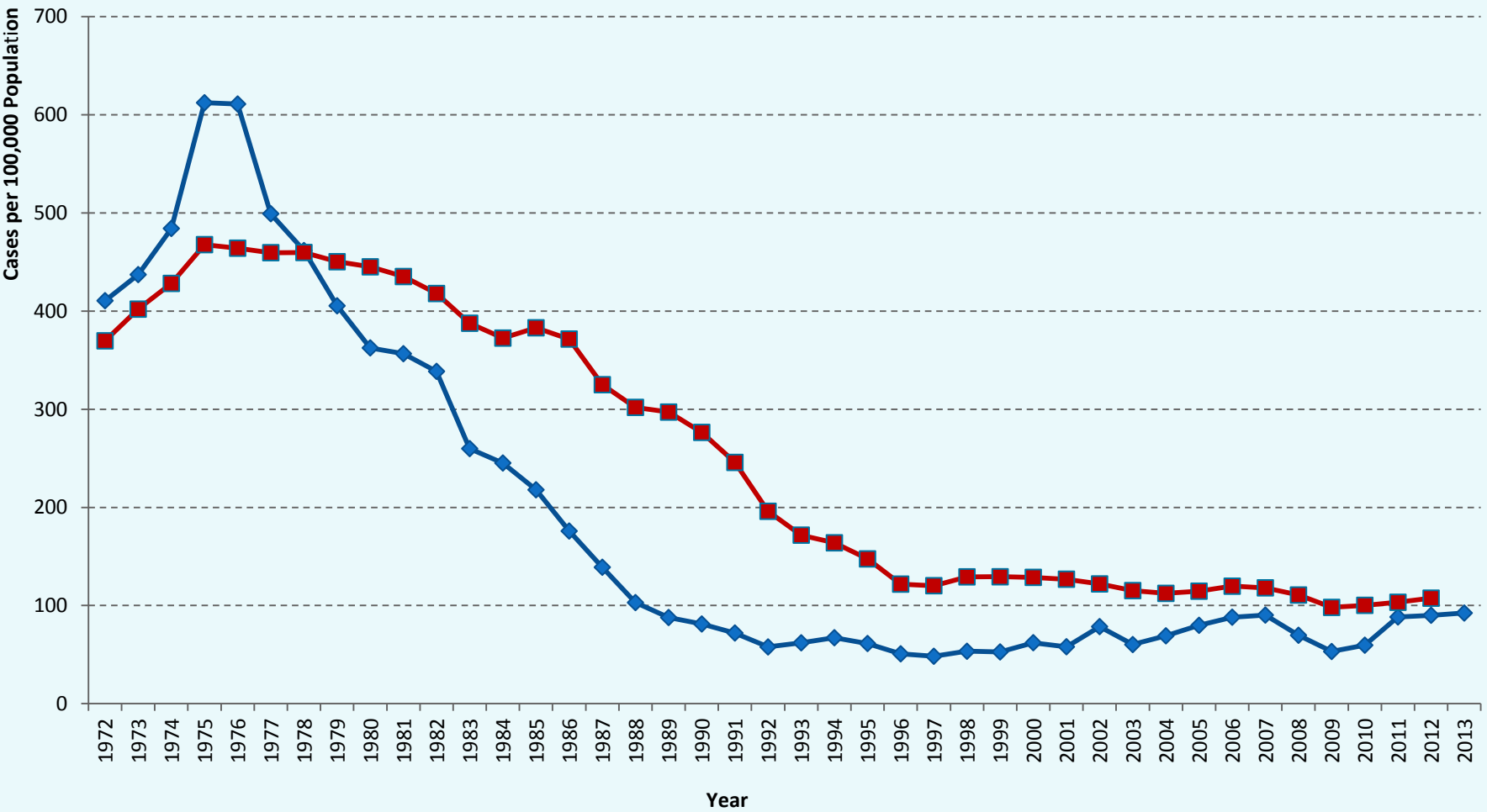


# Percent of Chlamydia Cases by Diagnosing Provider Type, 2013

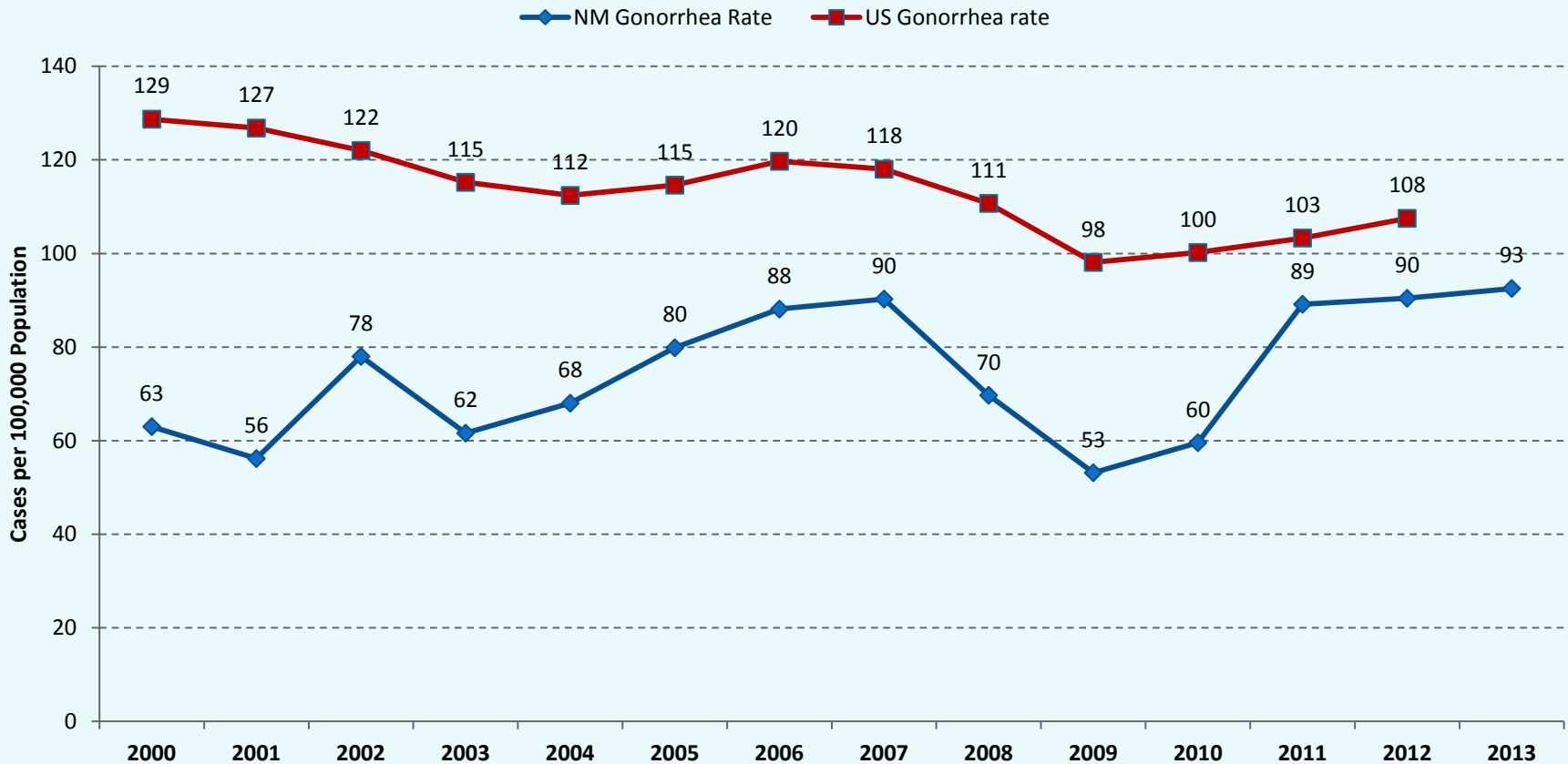


# Historical Trends in Gonorrhea Rates, New Mexico vs. US, 1972 - 2013

◆ NM Gonorrhea Rate    ■ US Gonorrhea Rate

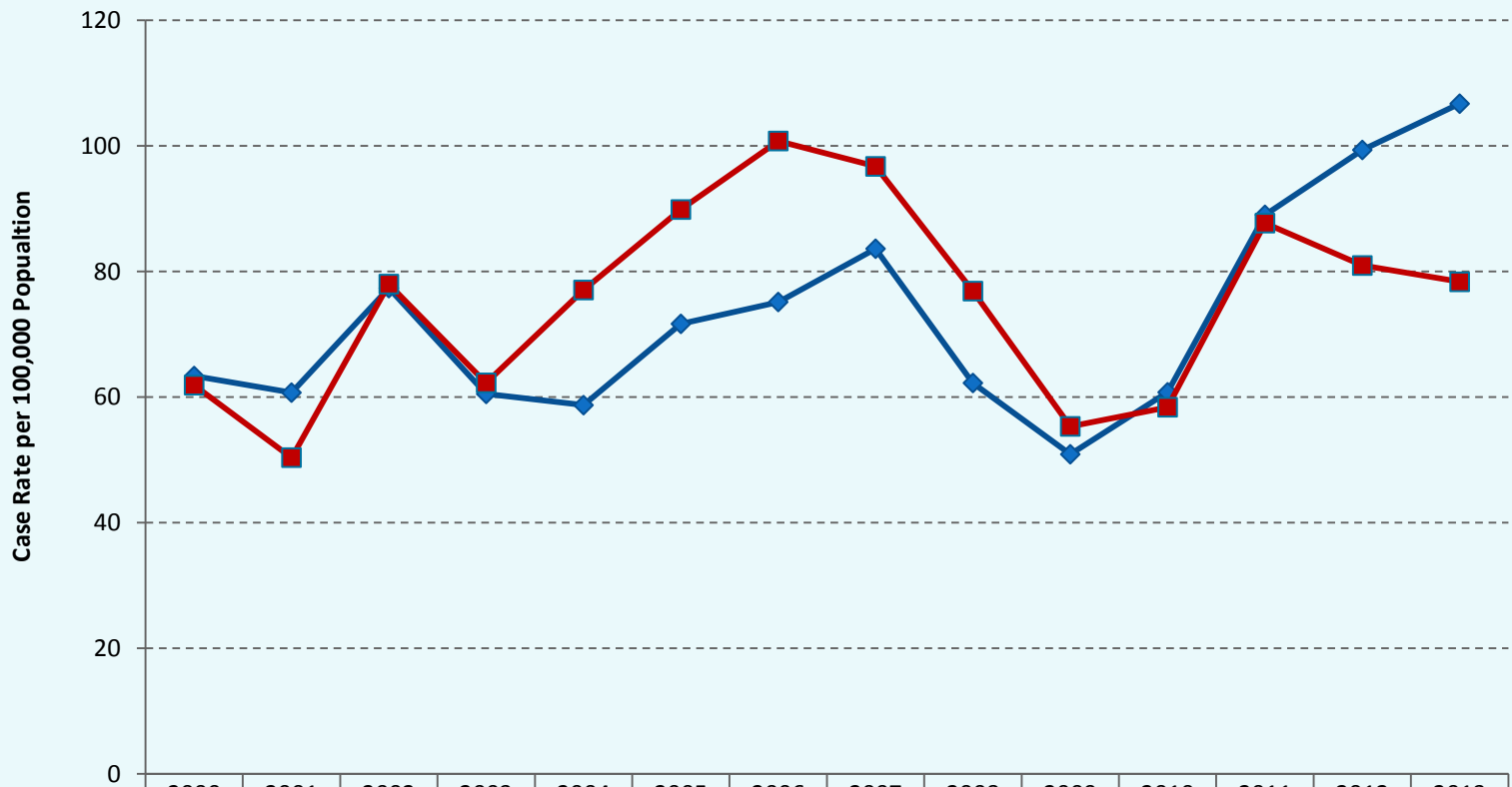


# Gonorrhea Rates in New Mexico vs. US, 2000-2013



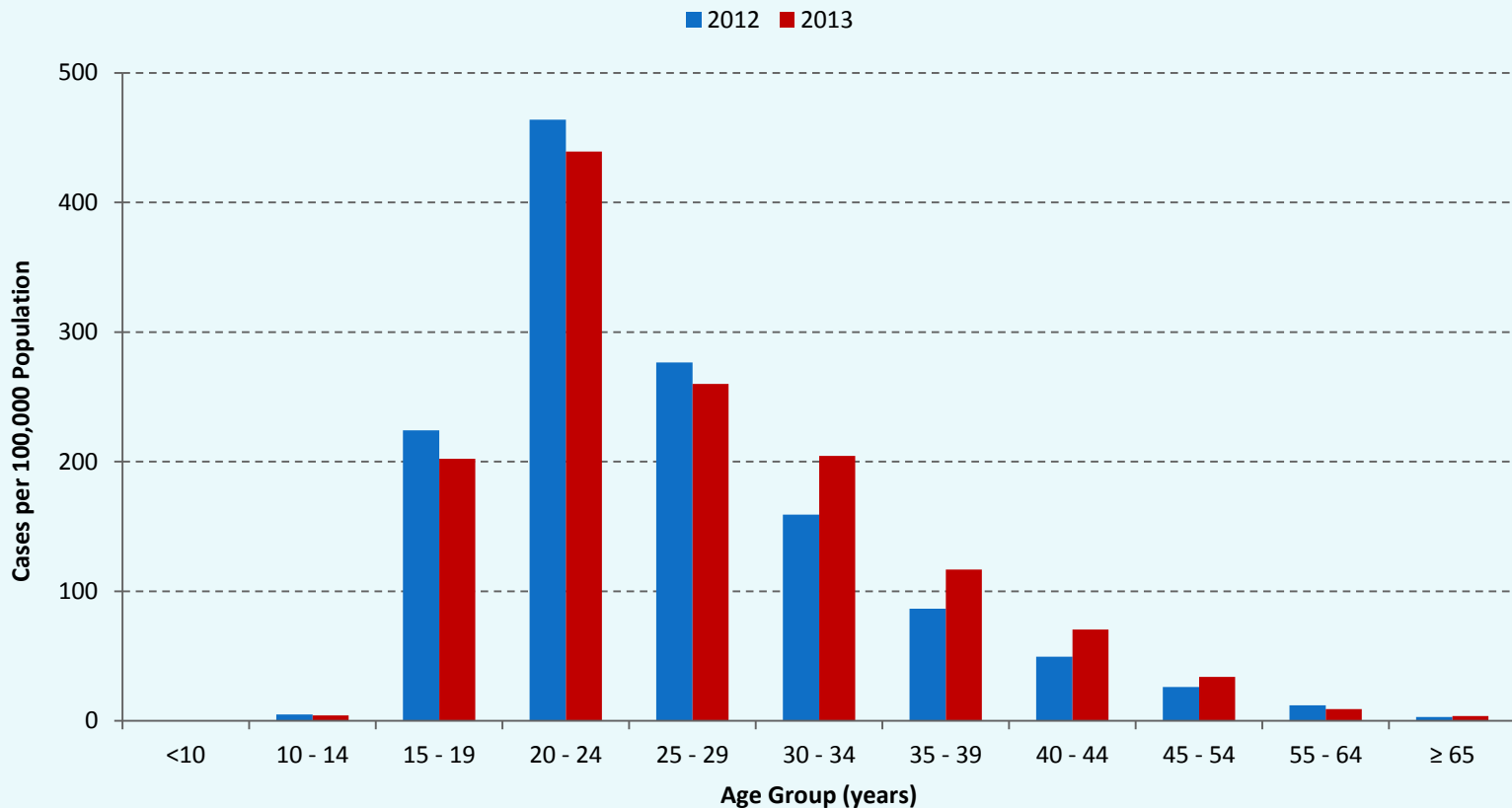
- **New Mexico experienced a 2.7 % increase in gonorrhea cases from 2012 to 2013, similar to the 2.3% increase in gonorrhea cases from 2011 to 2012**
  - **Remaining at rates of infection previously seen in 2007**

# Gonorrhea Rates by Sex, New Mexico, 2000-2013



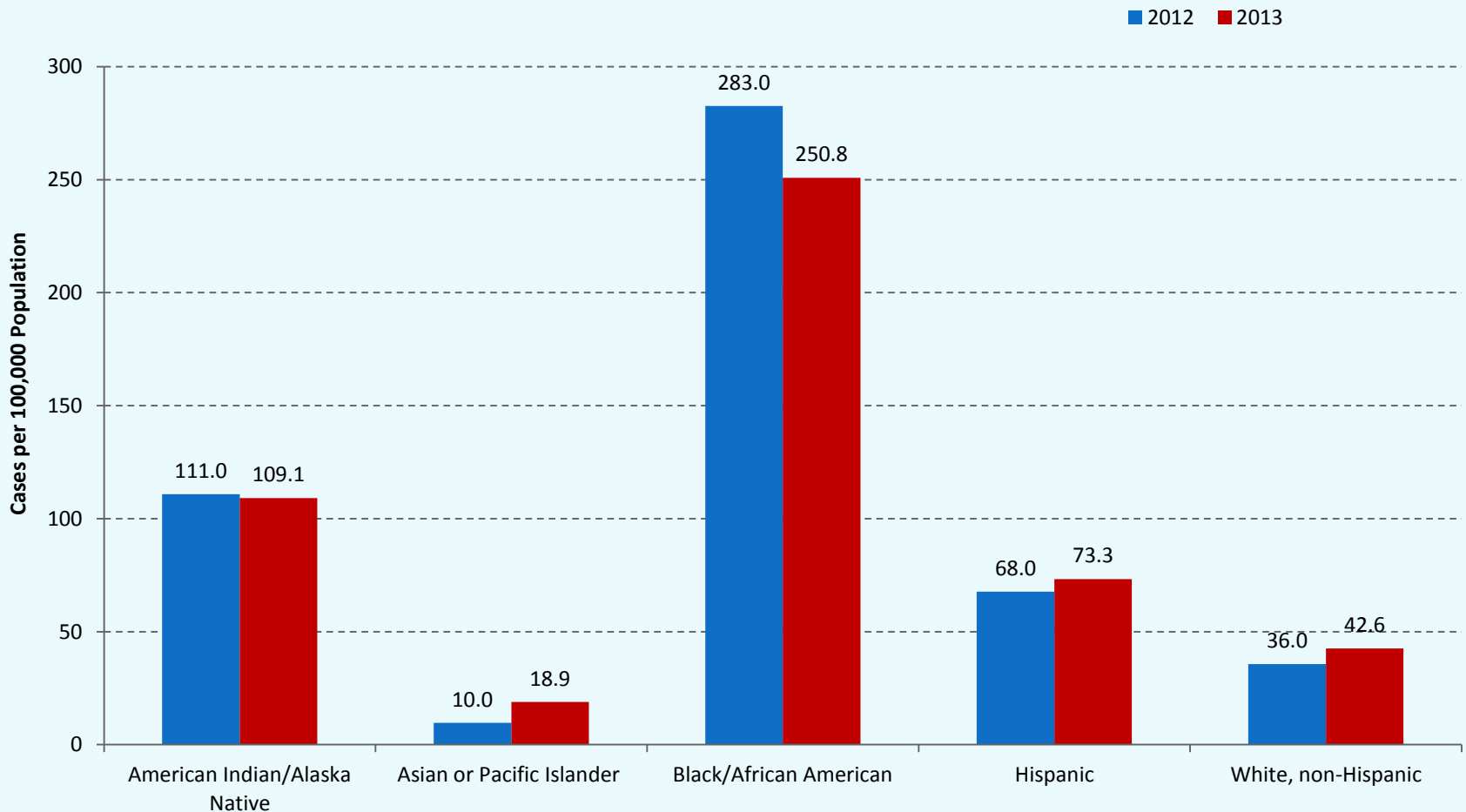
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
—◆— NM Male GC Rate	63.4	60.7	77.3	60.5	58.7	71.7	75.1	83.6	62.2	50.9	60.8	89.0	99.3	106.7
—■— NM Female GC Rate	61.9	50.4	78.0	62.3	77.0	89.9	100.8	96.7	76.9	55.3	58.4	87.7	80.9	78.3

# Gonorrhea Rates by Age Group, New Mexico, 2012 - 2013



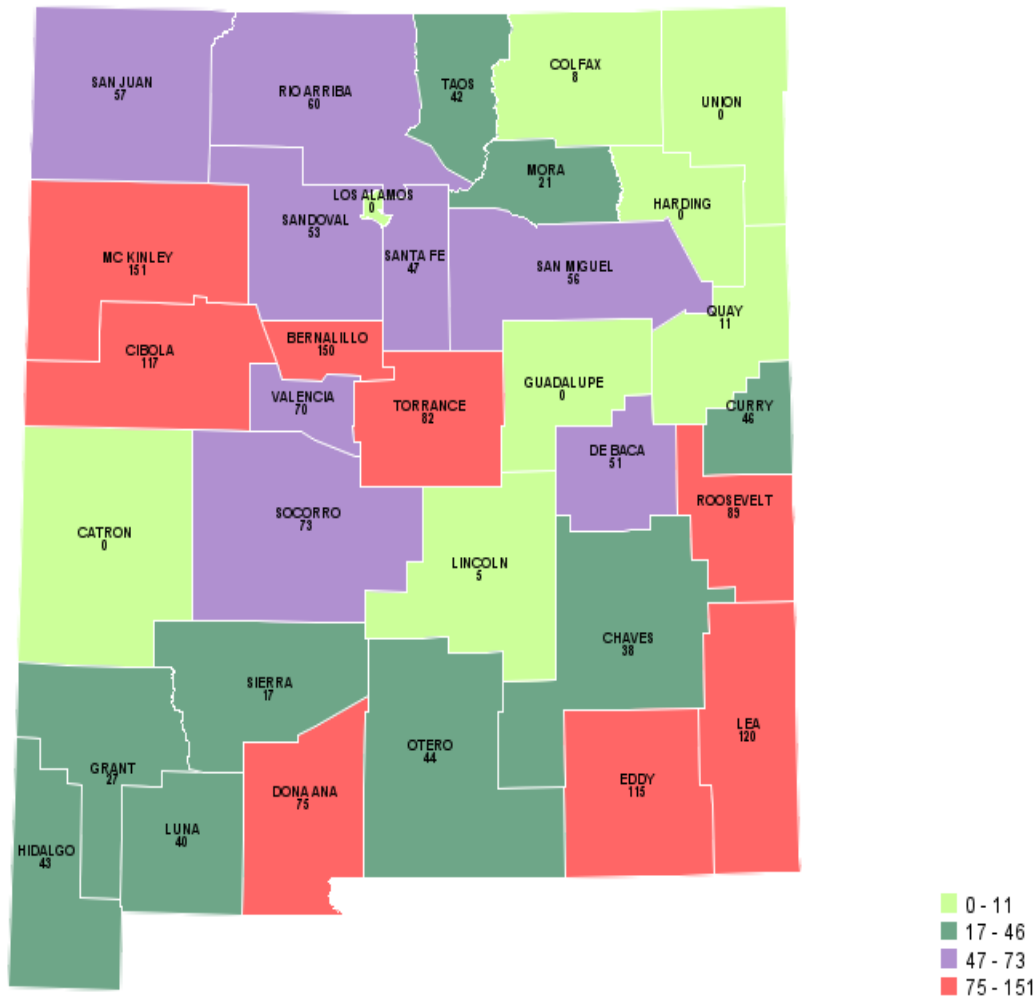
- **Gonorrhea rates increased in age groups > 25-29 years from 2012 to 2013**
- **Rates in 2013 among women ages 15-19 decreased by 4% compared to 2012**
- **Rates in 2013 among men ages 20-24 decreased by 4% compared to 2012**

# Gonorrhea Rates by Race/ Ethnicity, New Mexico, 2012 - 2013



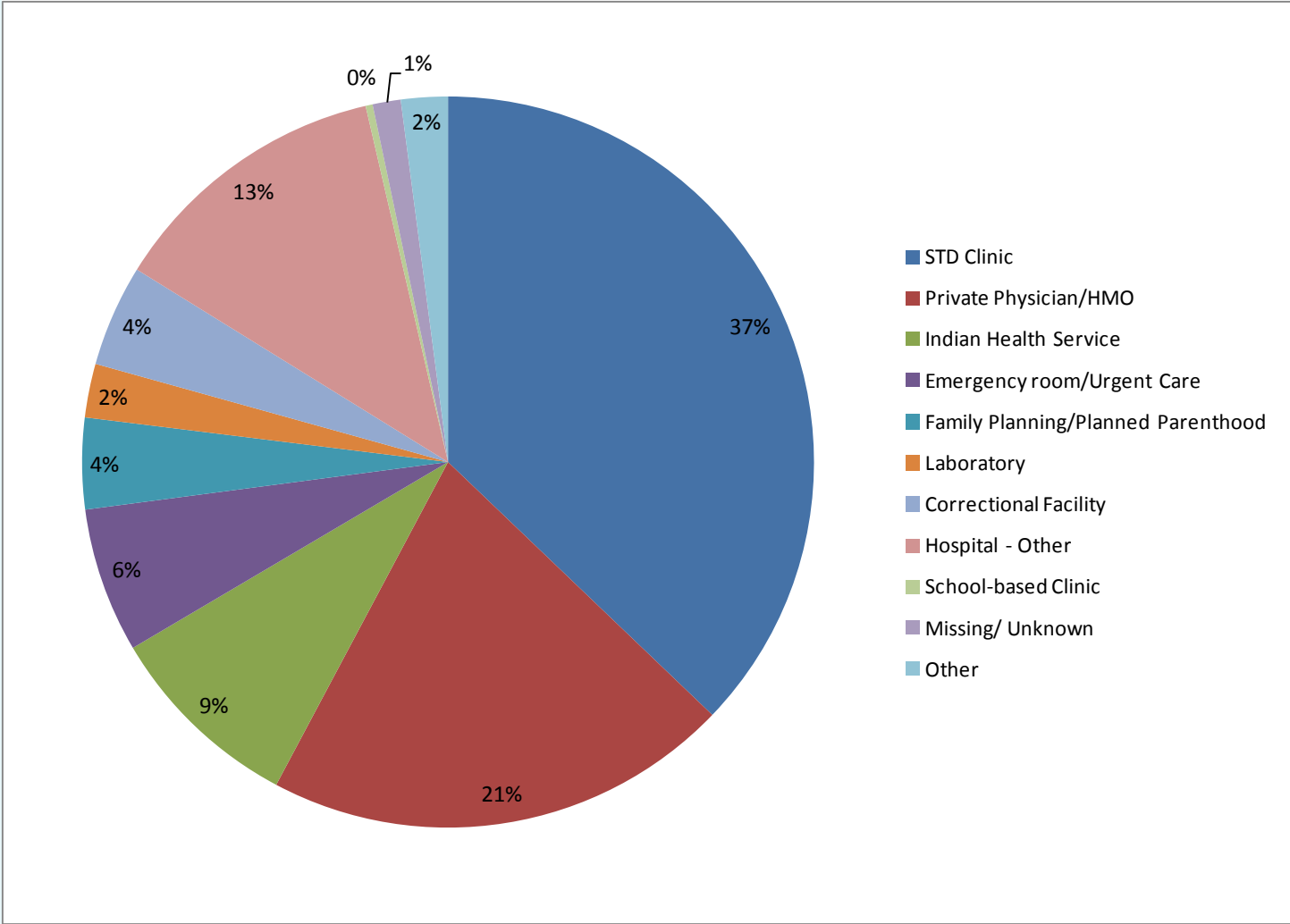
**Similar to national level data, gonorrhea rates show health disparities:  
Gonorrhea disproportionately affects African American, American Indian, and  
Hispanic populations in New Mexico**

# Gonorrhea Rates per 100,000 by County, New Mexico, 2013



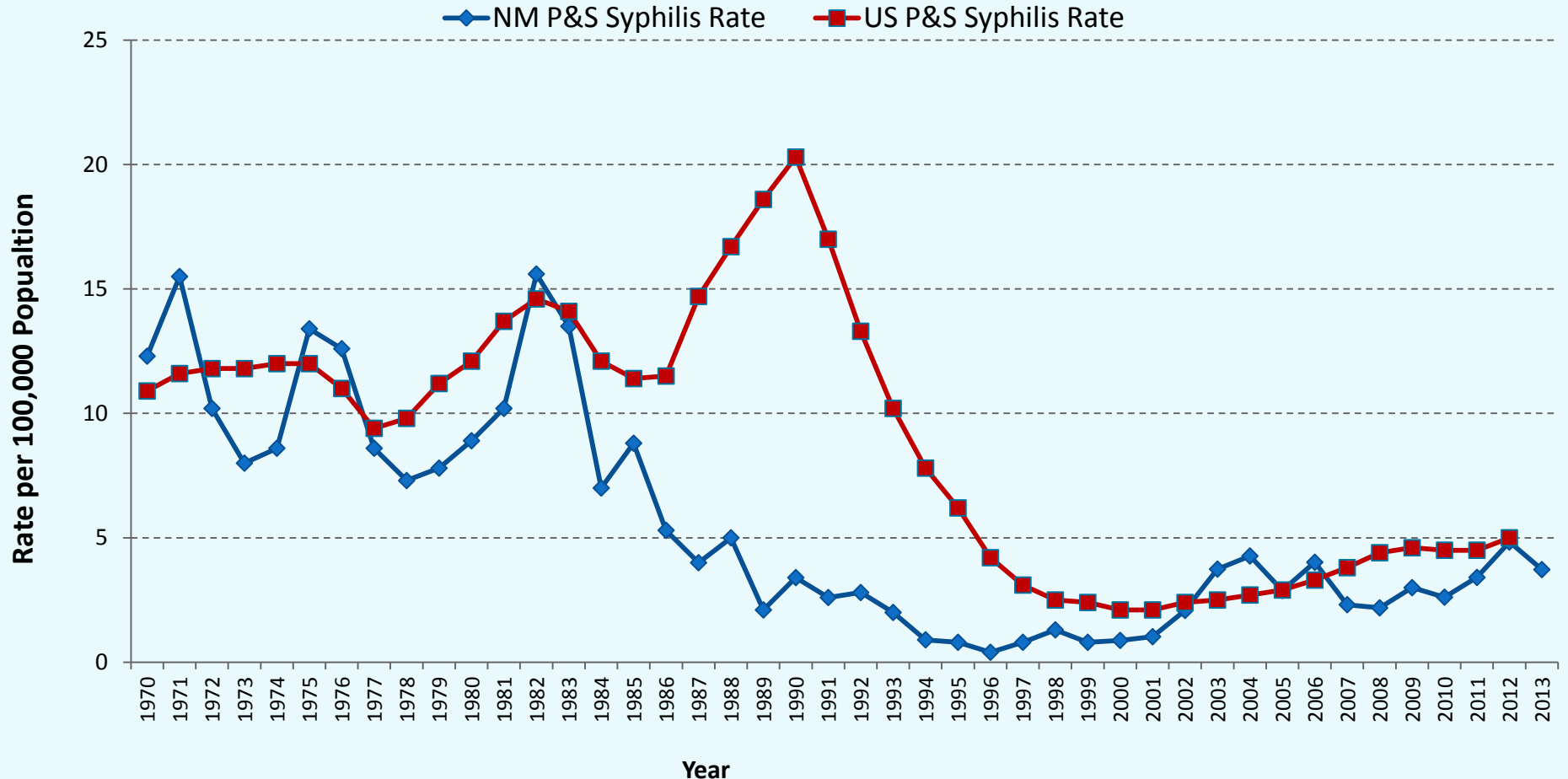
Rates per 100,000 by  
Quartile

# Percent of Gonorrhea Cases by Diagnosing Provider Type, New Mexico, 2013

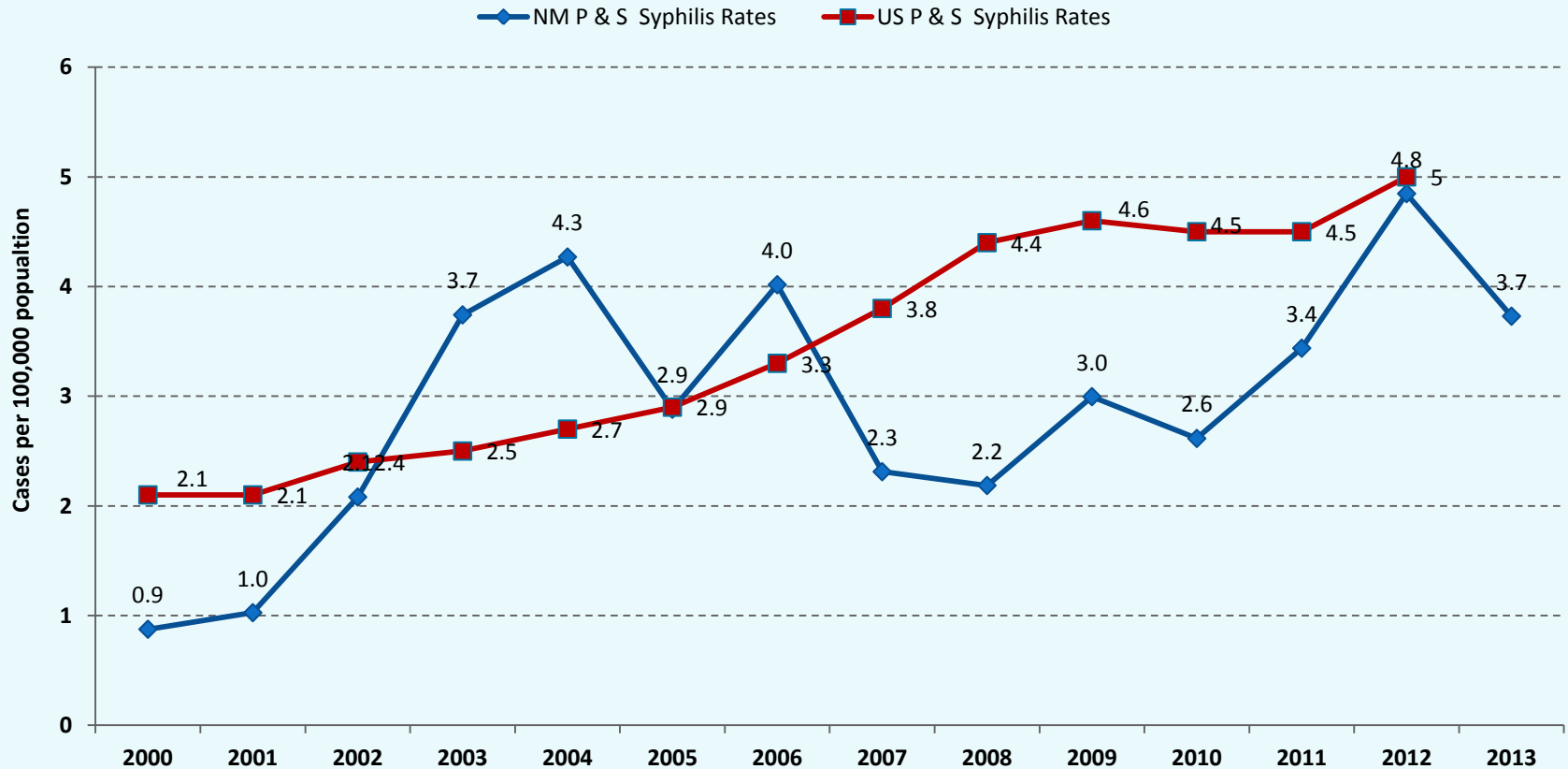




# Historical Trends in Primary and Secondary Syphilis Rates, New Mexico vs. US, 1970 - 2013



# Rates of Primary and Secondary Syphilis, New Mexico and US, 2000 - 2013

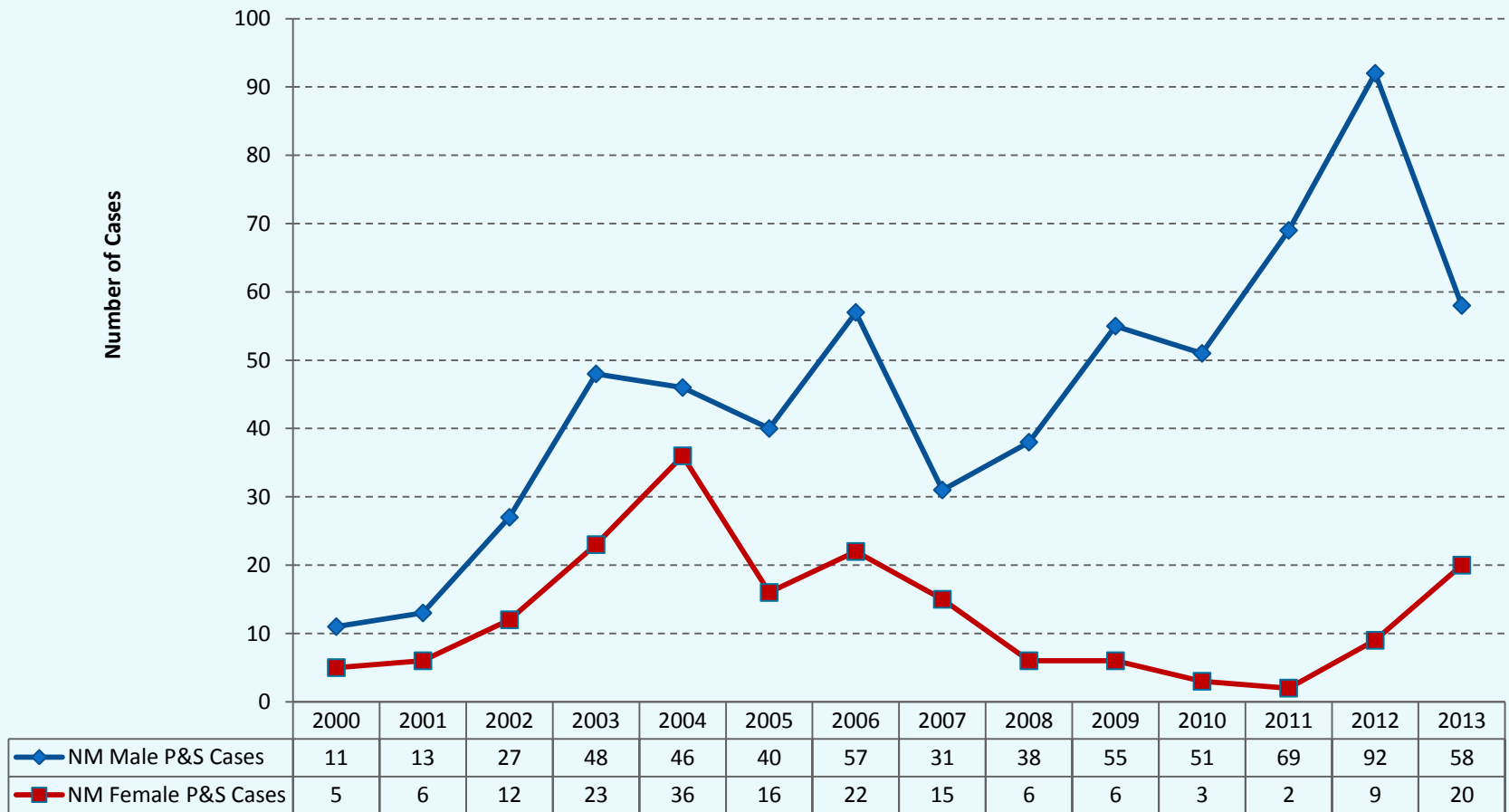


**Rates of primary and secondary syphilis in New Mexico have varied over the past 3 years. Between 2011 and 2012 there was an case increase of 42%.**

**Then, between 2012 and 2013 there was a case decrease of 23%.**

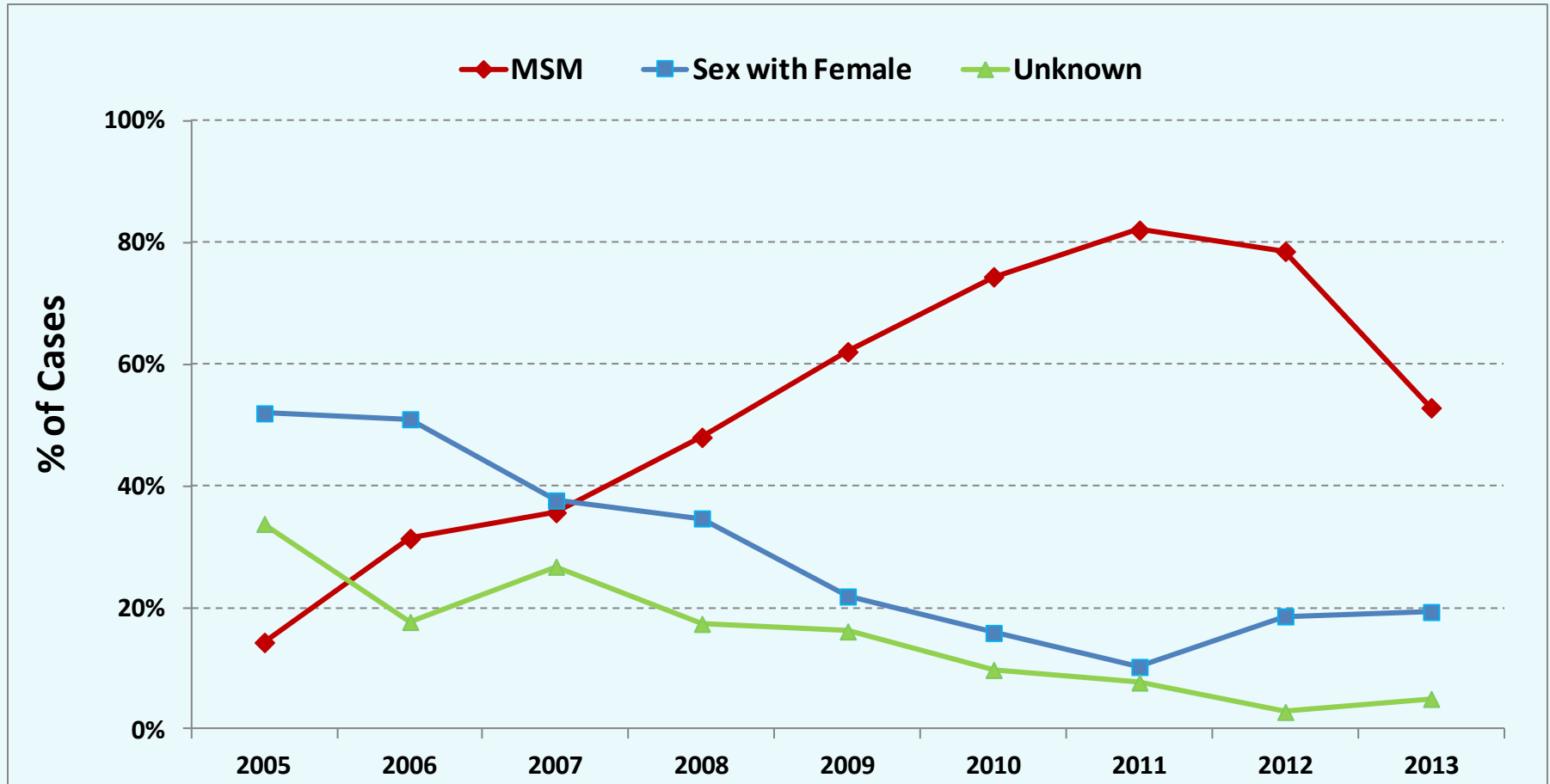
**Will the downward trend continue into 2014?**

# NM Primary and Secondary Syphilis Case Numbers by Sex, New Mexico, 2000-2013



**74% of all reported primary and secondary syphilis cases in 2013 were male**

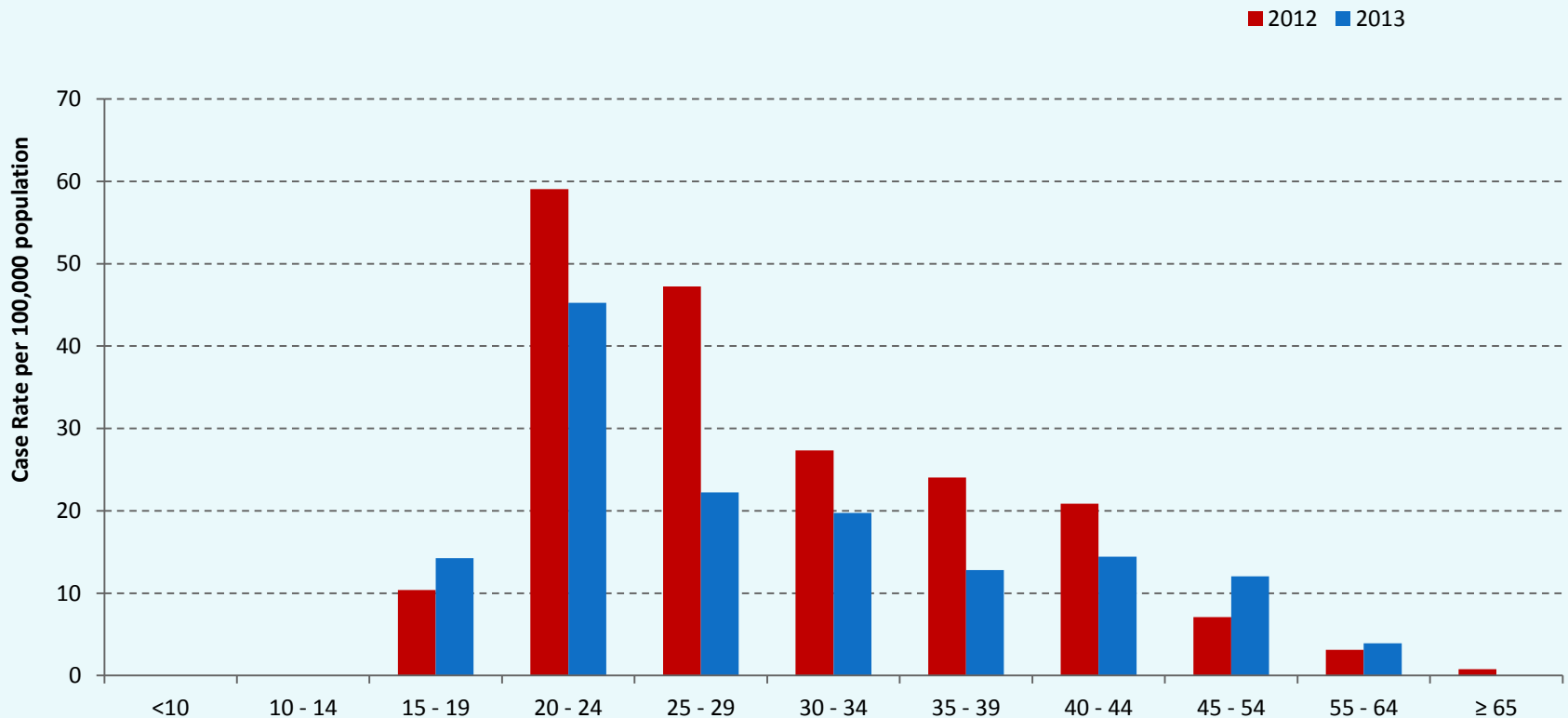
# Cases of Primary, Secondary, and Early Latent Syphilis Among Men, by Gender of Partner, New Mexico, 2005 - 2013



**Of all male cases of syphilis in 2013, where gender of partner was known, 69% of cases were men with male sex partners (MSM).**

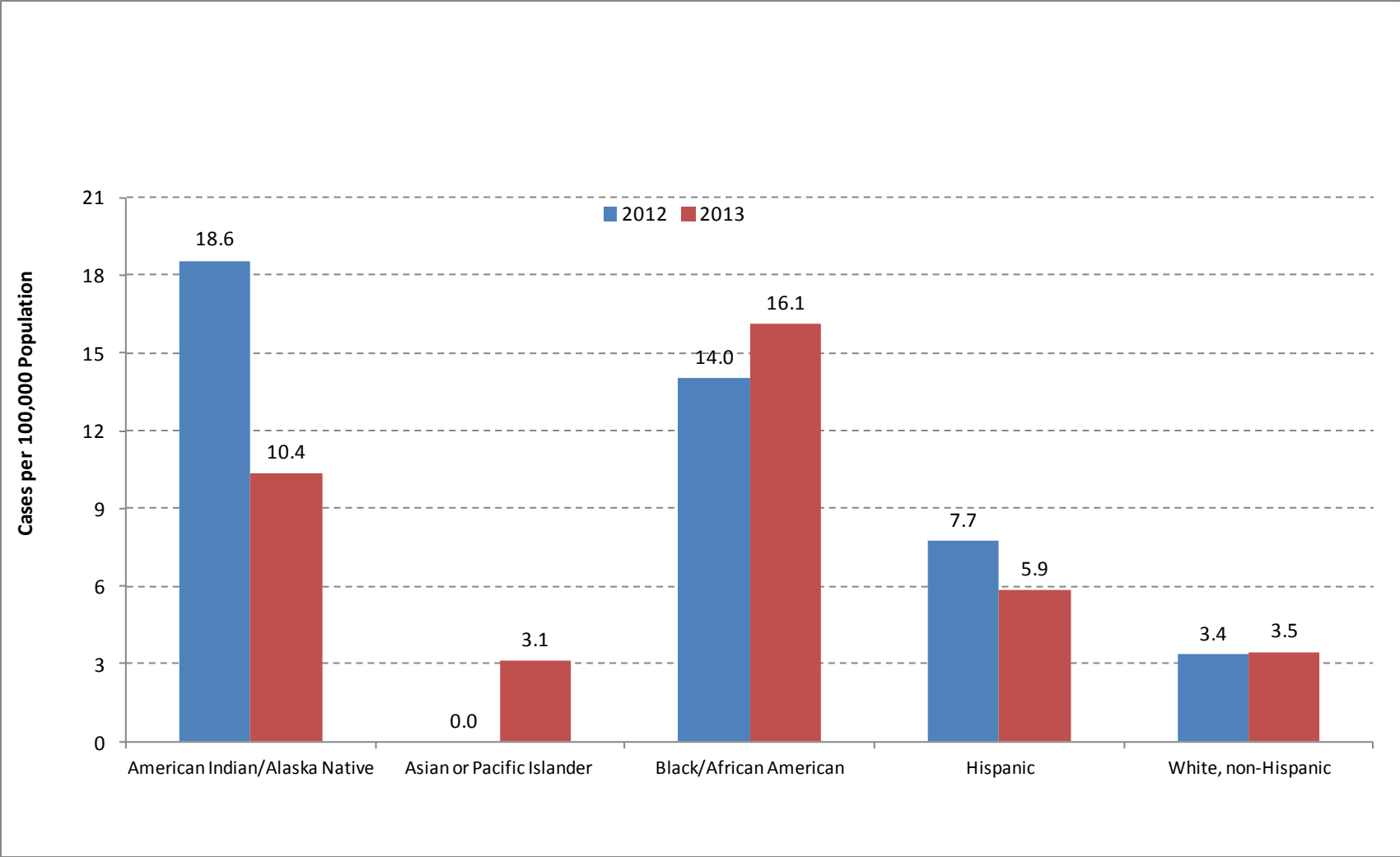
**The percent that had sex with female(s) increased in 2013 by 6% over 2012.**

# Primary, Secondary, and Early Latent Syphilis Rates by Age Group, Males, New Mexico, 2012-2013

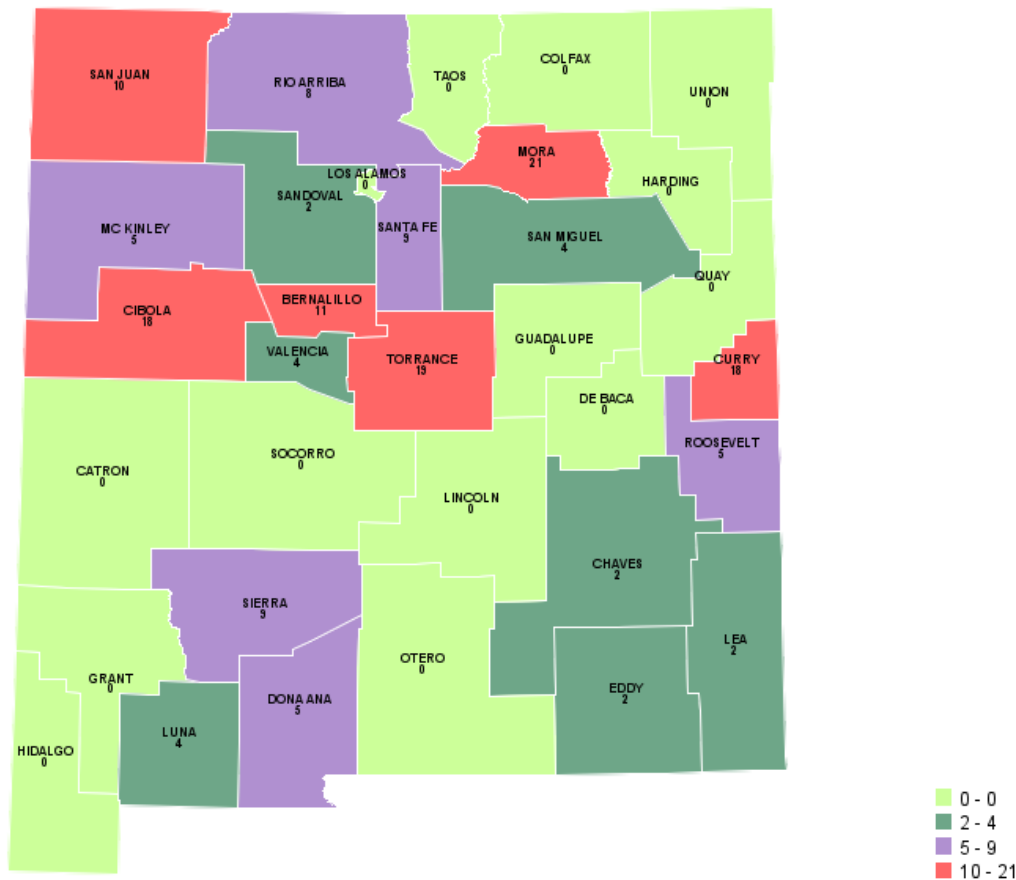


**Compared to 2012, there was a large decrease in P,S, and EL syphilis rates among men age 20-29 years old in 2013, as well as in the 40-44 age group**

# Primary, Secondary, and Early Latent Syphilis Rates by Race/Ethnicity, NM, 2012 – 2013

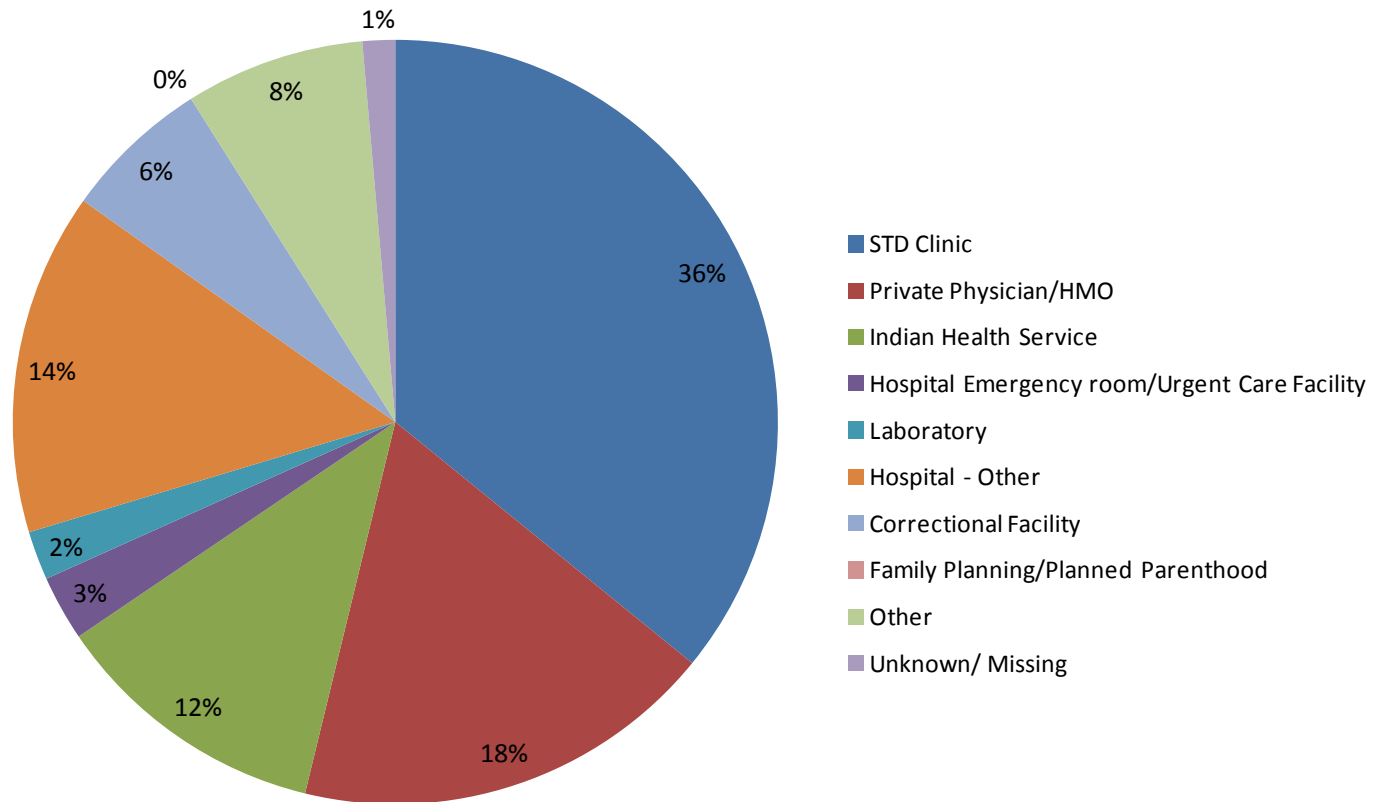


# Primary, Secondary, and Early Latent Syphilis Rates by County, New Mexico, 2013



Rates per 100,000 by Quartile

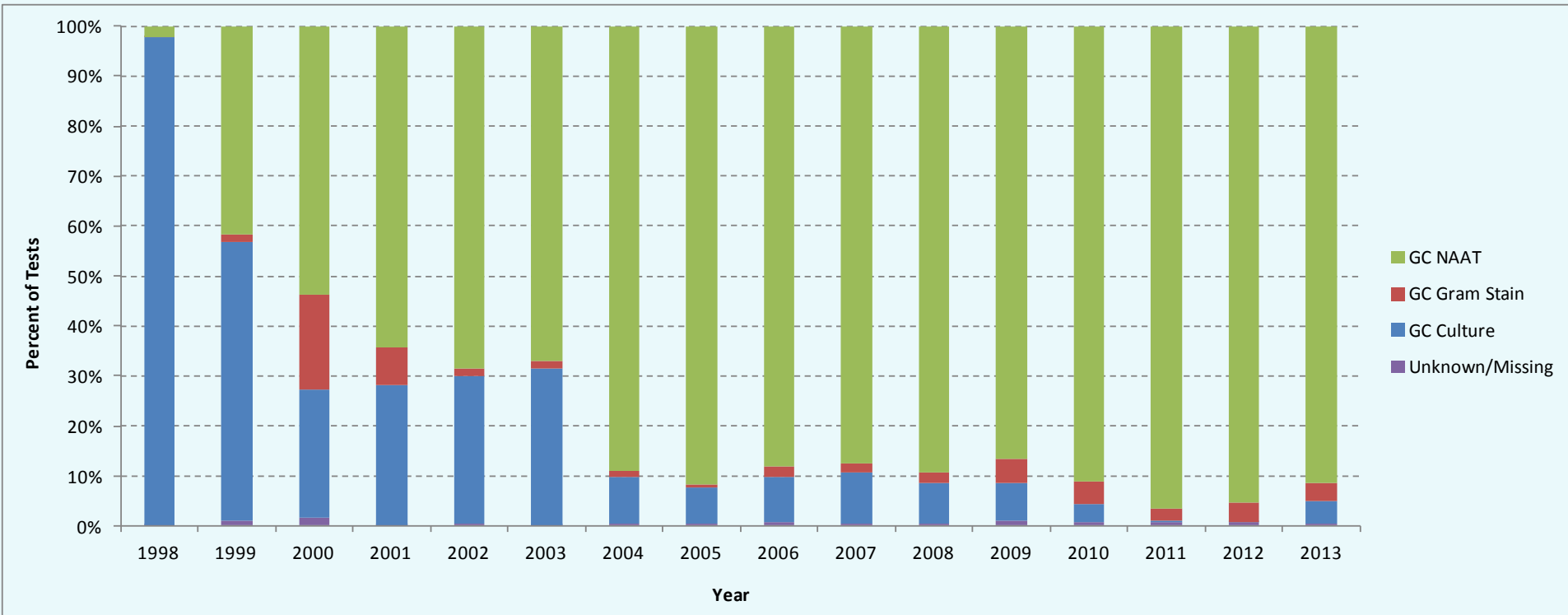
# Percent of Primary, Secondary and Early Latent Syphilis Cases by Diagnosing Provider, New Mexico, 2013



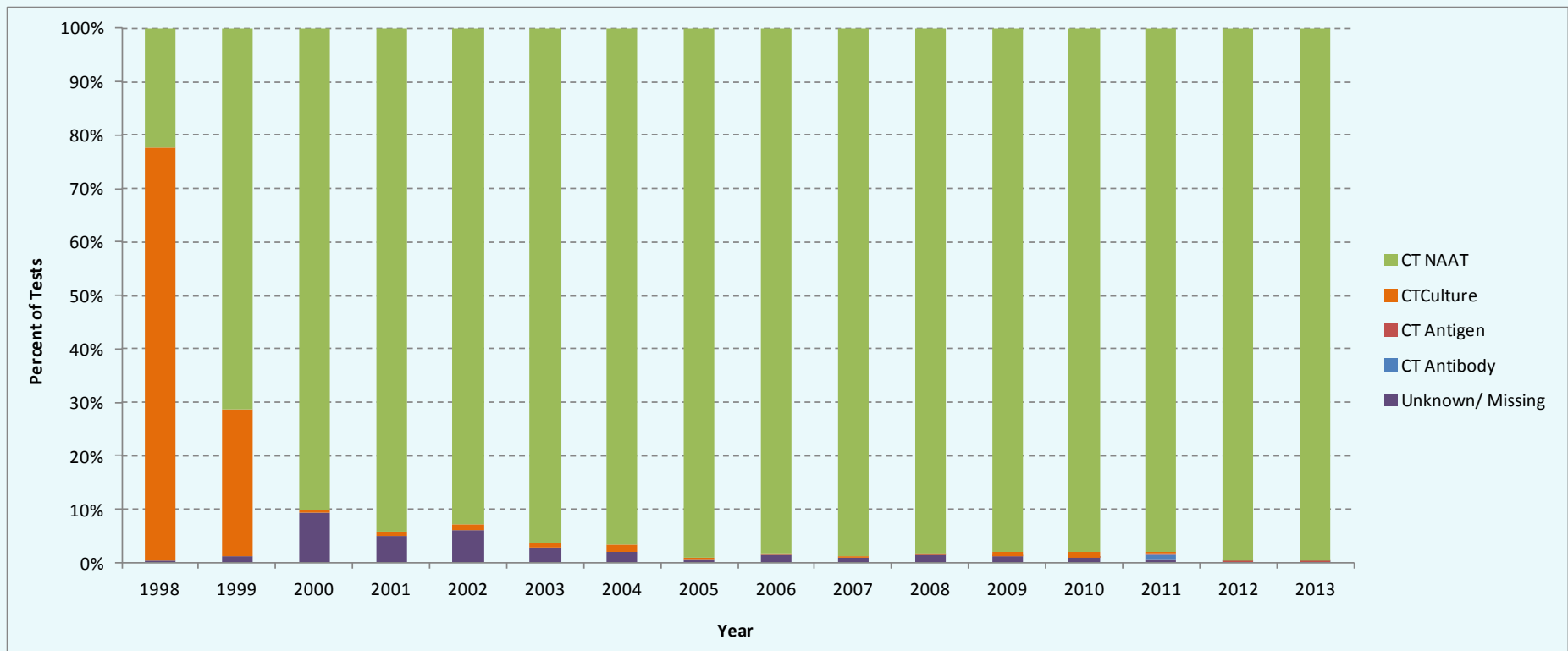


# Gonorrhoea and Chlamydia Testing Methods

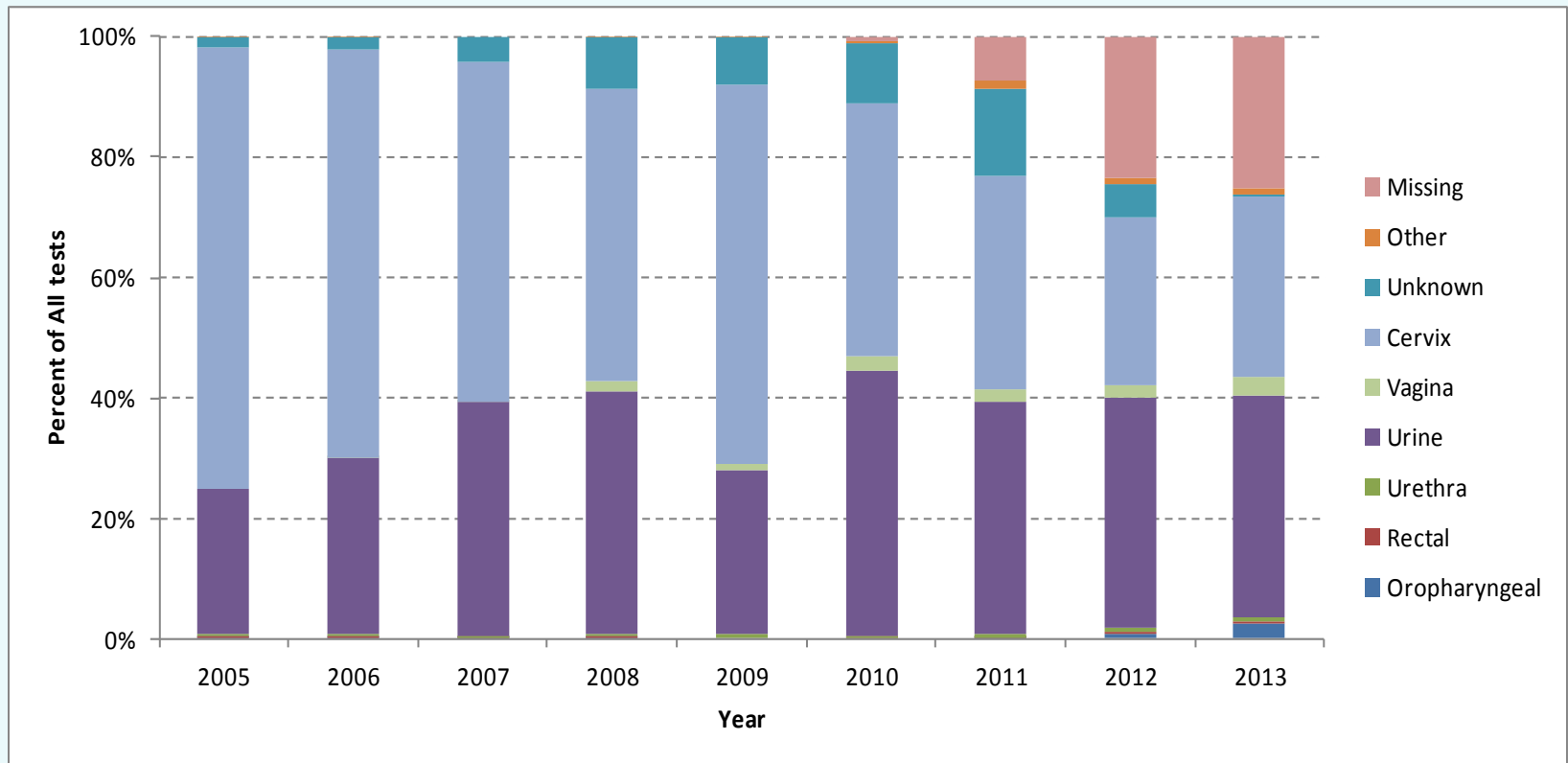
# Changes in Gonorrhea Testing Methods, New Mexico, 1998 - 2013



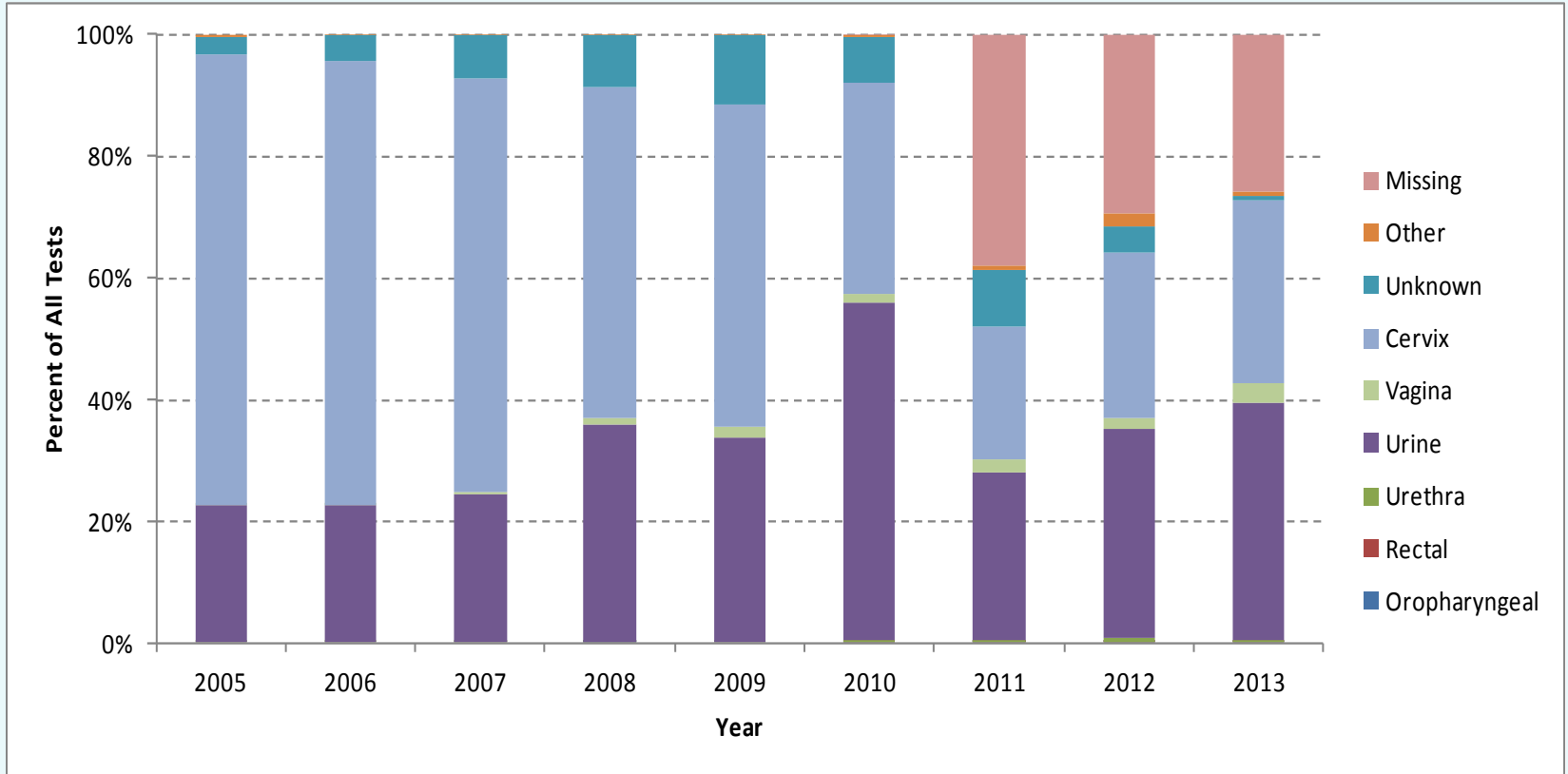
# Changes in Chlamydia Testing Methods, New Mexico, 1998 - 2013



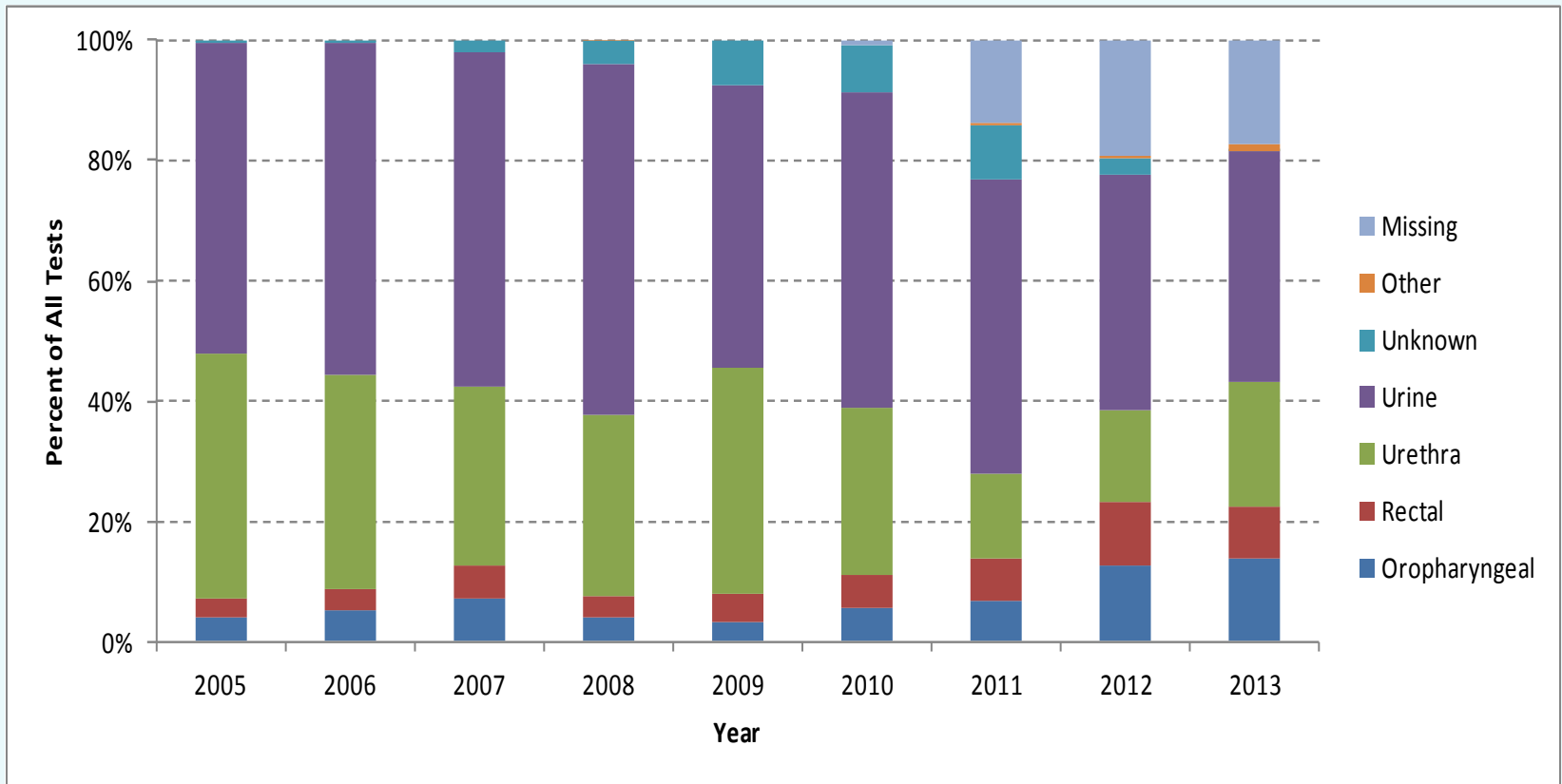
# Specimen Source, All Gonorrhea Tests in PRISM, Females, New Mexico, 2005-2013



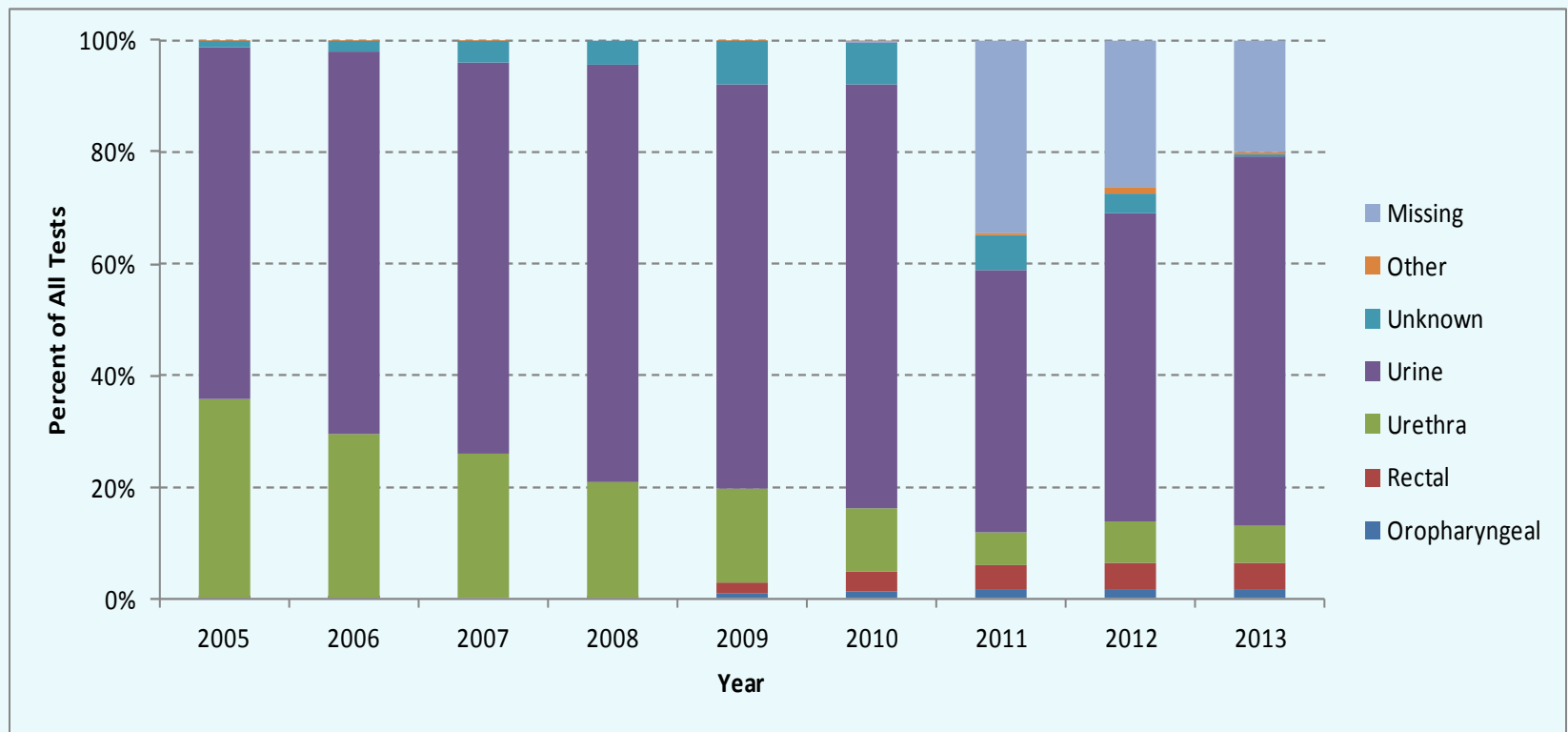
# Specimen Source, All Chlamydia Tests in PRISM, Females, New Mexico, 2005-2013



# Specimen Source, All Gonorrhea Tests in PRISM, Males, New Mexico, 2005-2013



# Specimen Source, All Chlamydia Tests in PRISM, Males, New Mexico, 2005-2013

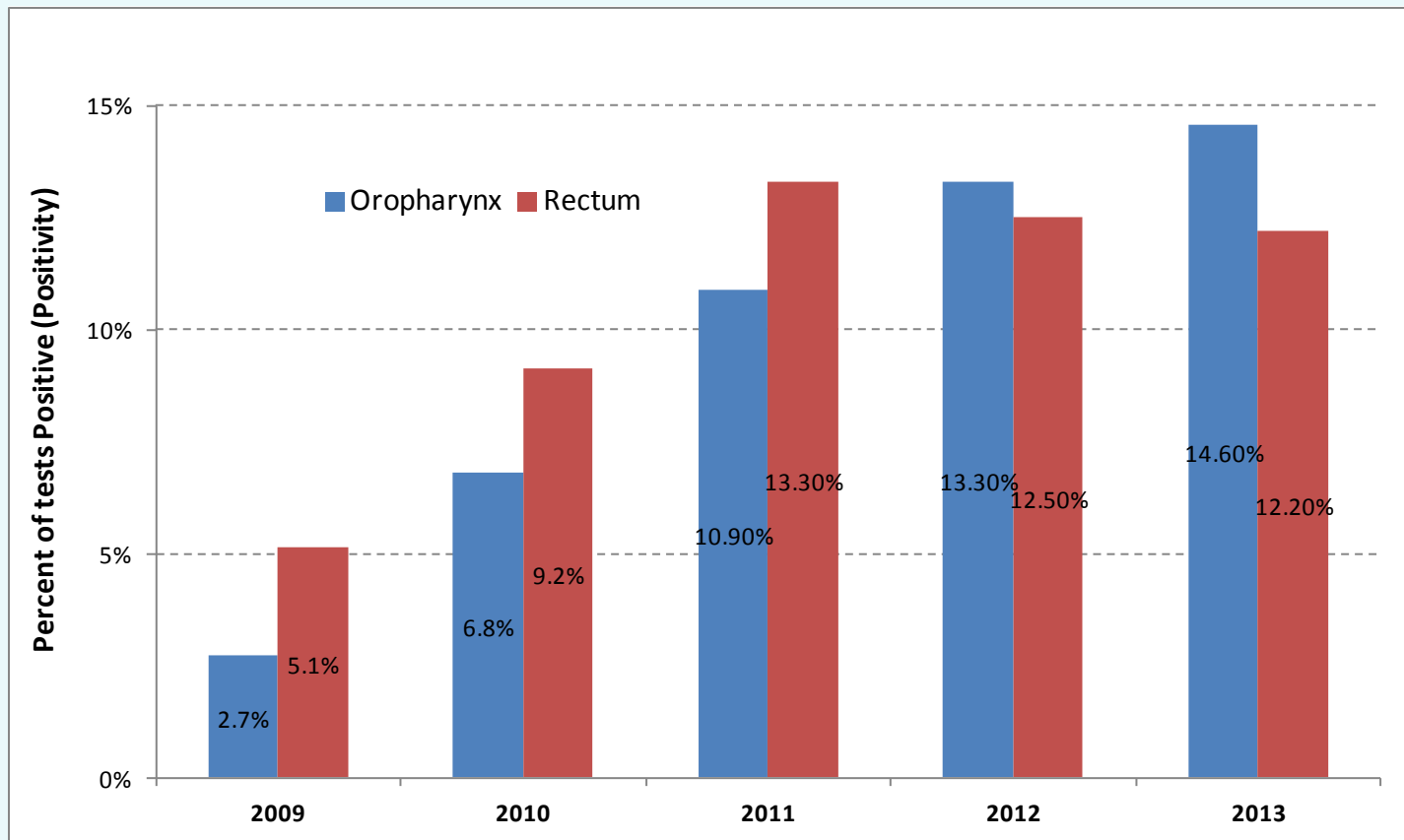


# Special Populations

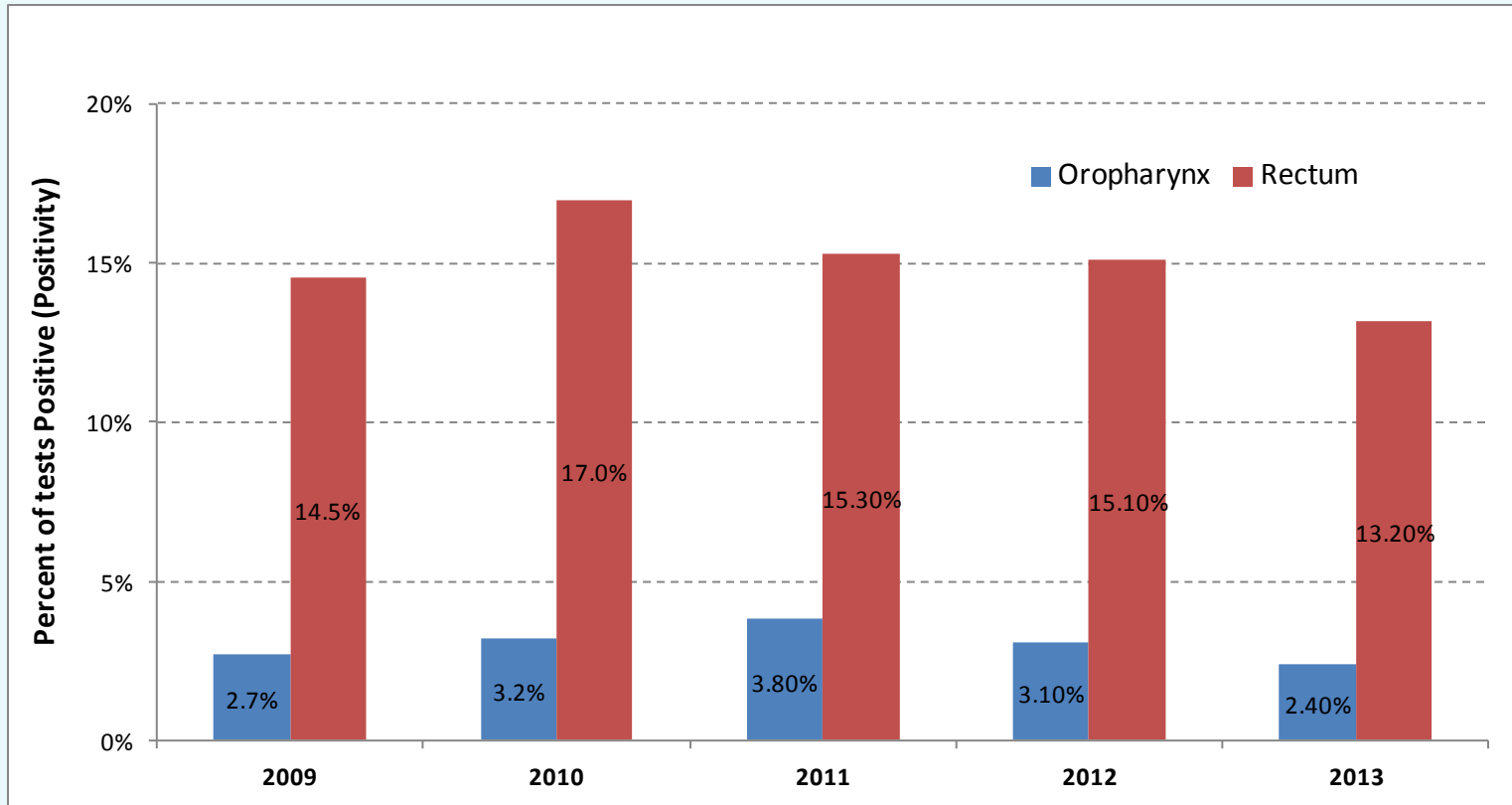
Men with Male Sex Partners (MSM)



# GC Positivity among Men Tested at Alternate Sites, NMDOH, by Year



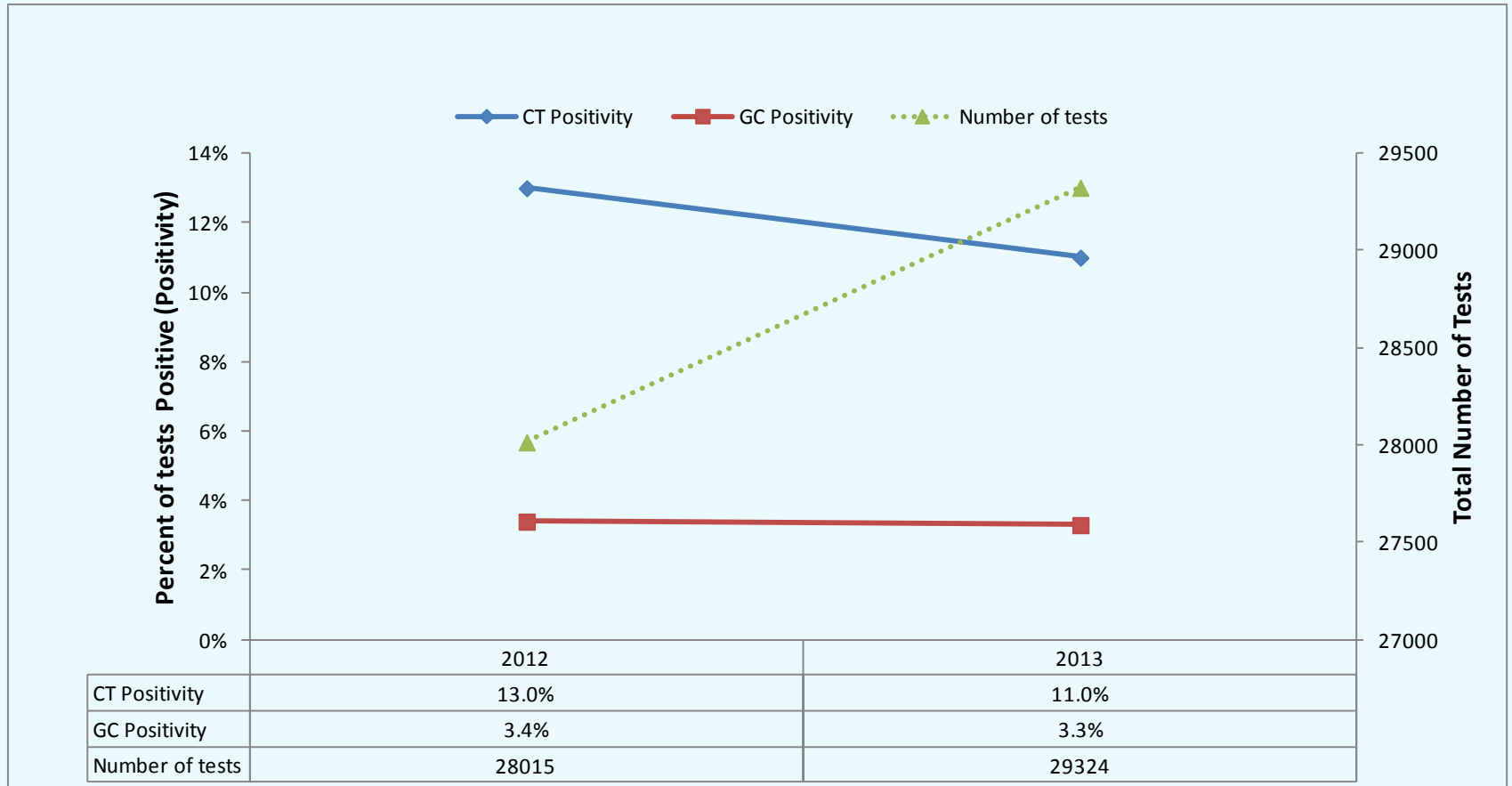
# CT Positivity among Men Tested at Alternate Sites, NMDOH, by Year



# Gonorrhea and Chlamydia Testing in NM DOH Testing Programs

# Streamlining DOH Testing Efforts

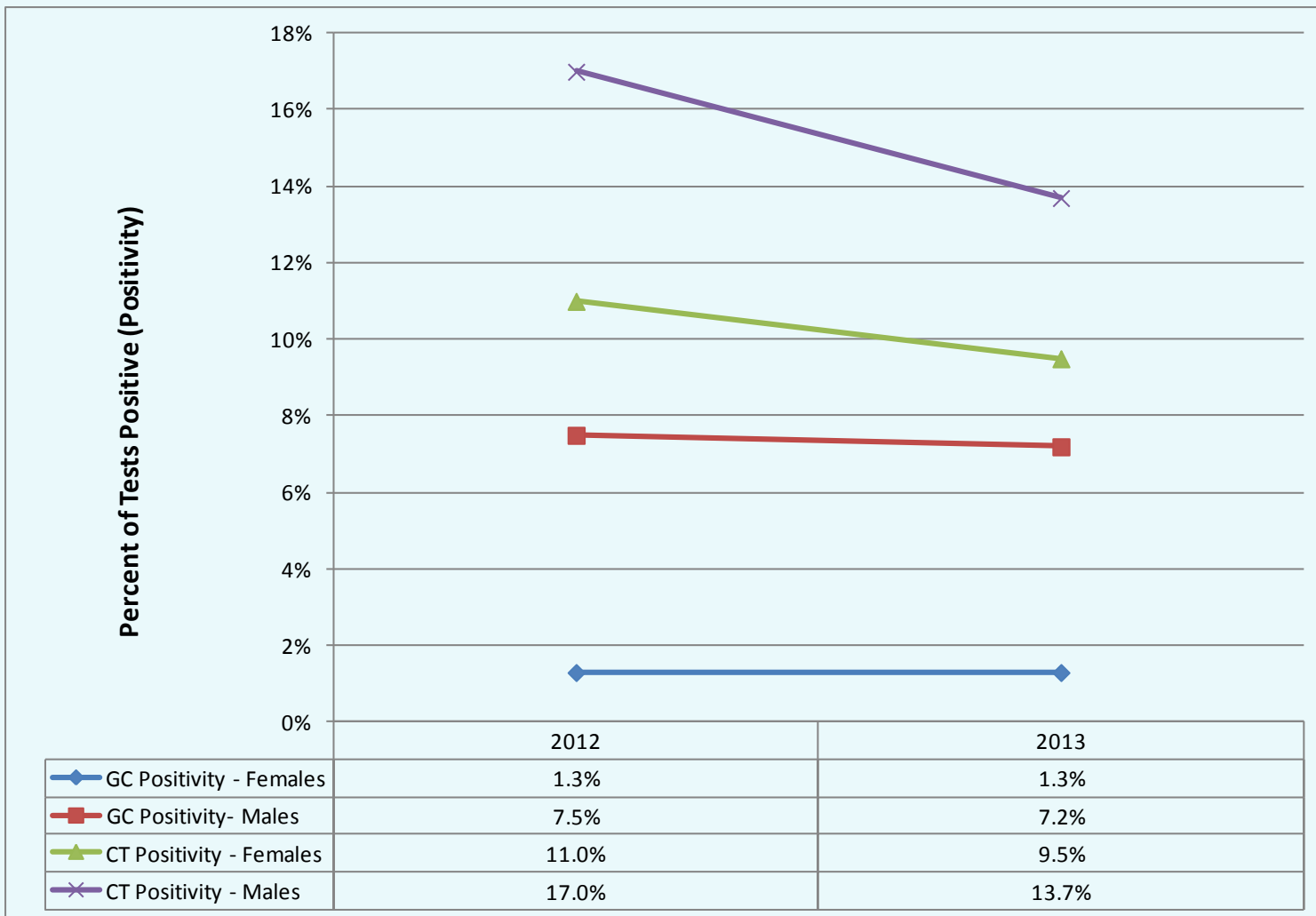
## CT and GC Positivity and Testing Volume, 2012-2013



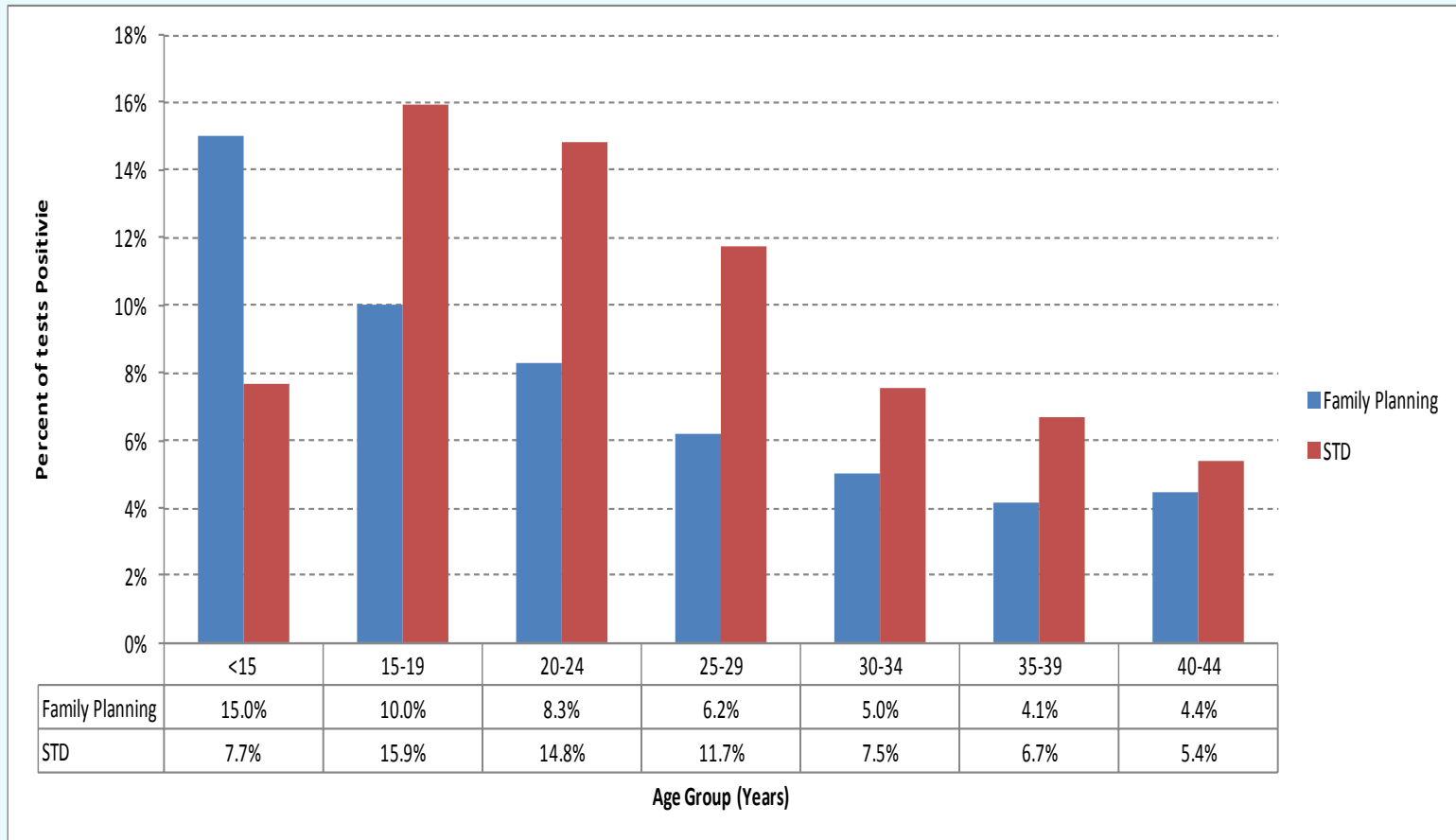
Testing ratios by sex were stable from 2012 to 2013 : from 66% female in 2012 to 66% female in 2013, stayed constant in males from 34% in 2012 to 34% in 2013

% of tests in women age 25 and under decreased slightly from 70% to 68%

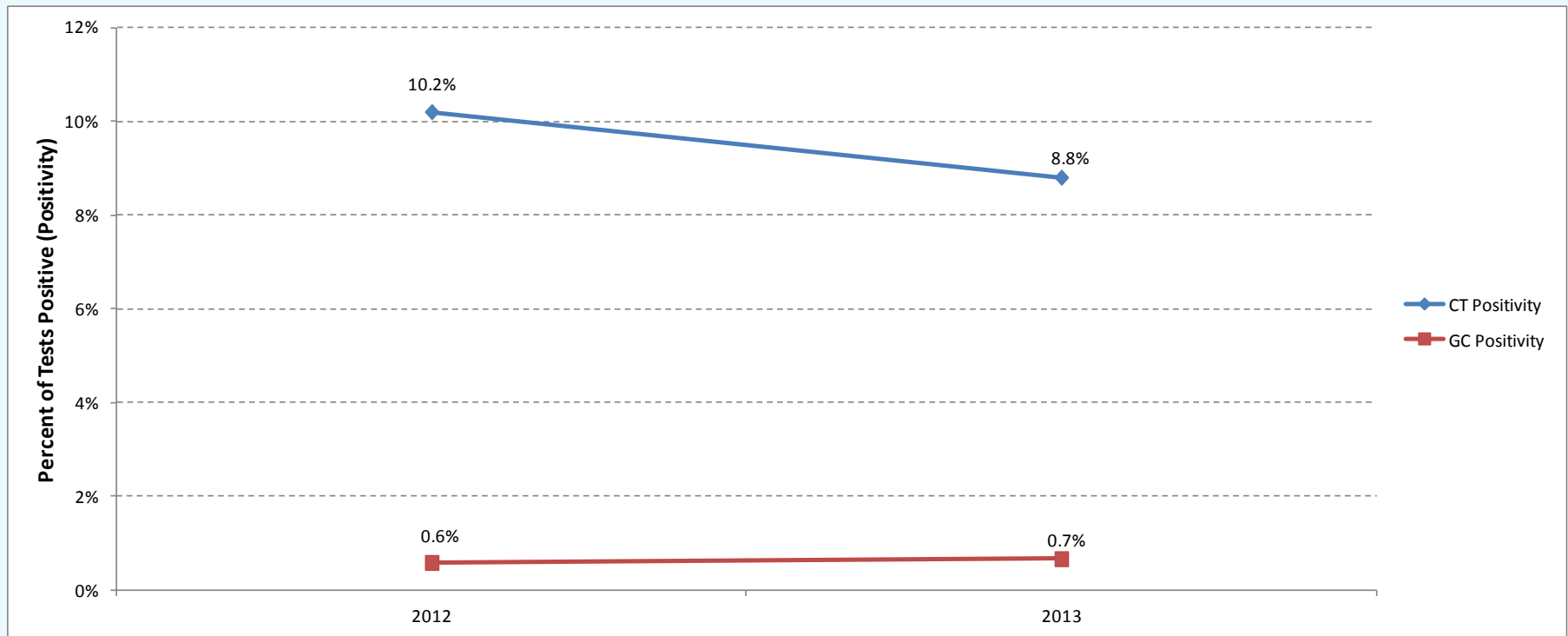
# Chlamydia and Gonorrhea Positivity by Sex, all NMDOH Testing Sites, 2012-2013



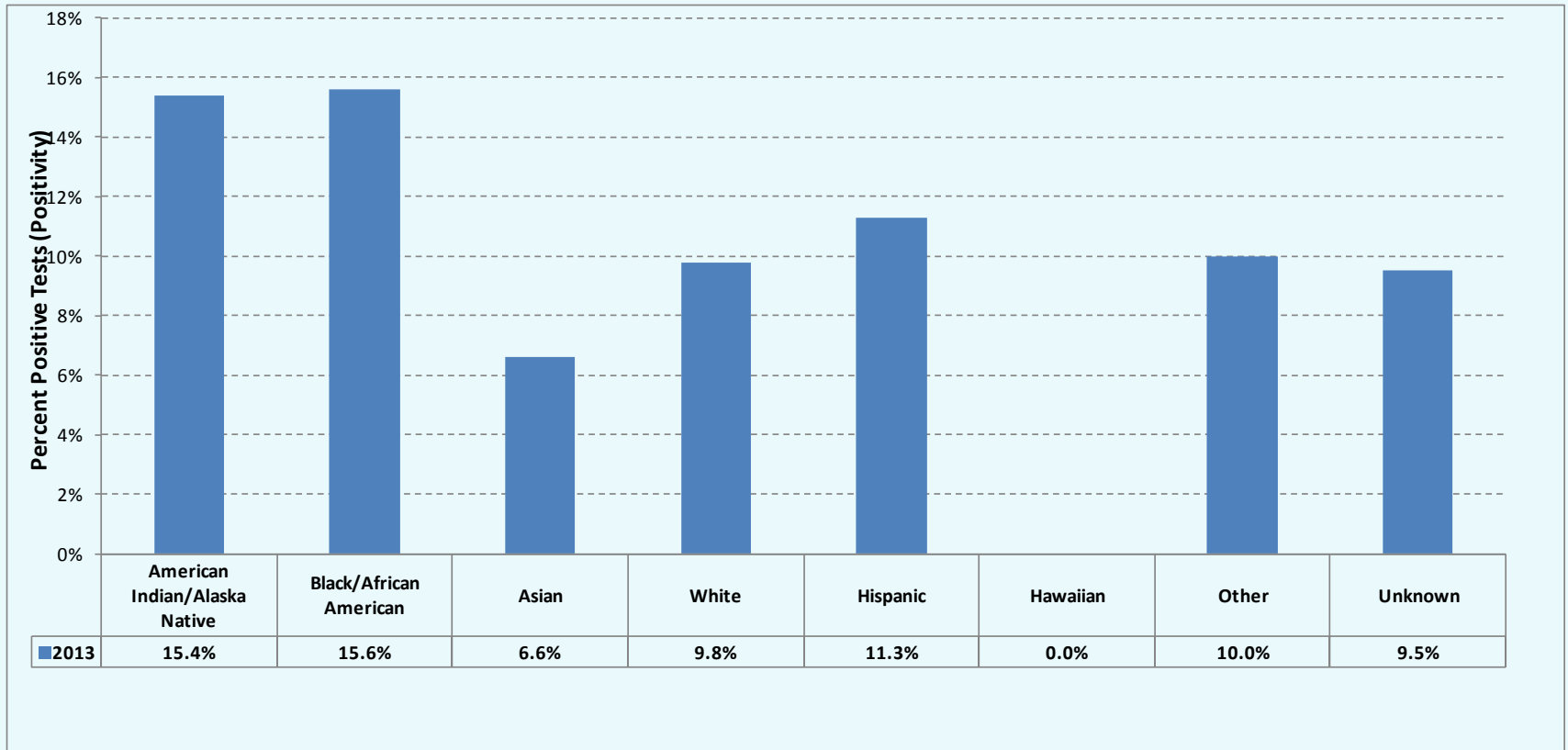
# Chlamydia Positivity by Clinic Type, Females, all NM DOH Test Sites, 2013



# Chlamydia and Gonorrhea Positivity, Females $\leq 25$ years, Tested in NMDOH Family Planning Sites, 2012-2013



# Chlamydia Positivity by Race/ Ethnicity, all NMDOH Test Sites, 2013





# Gonorrhea Positivity by Race/ Ethnicity, all NMDOH Test Sites, 2013

