



# New Mexico STD Program Summary Slides 2015

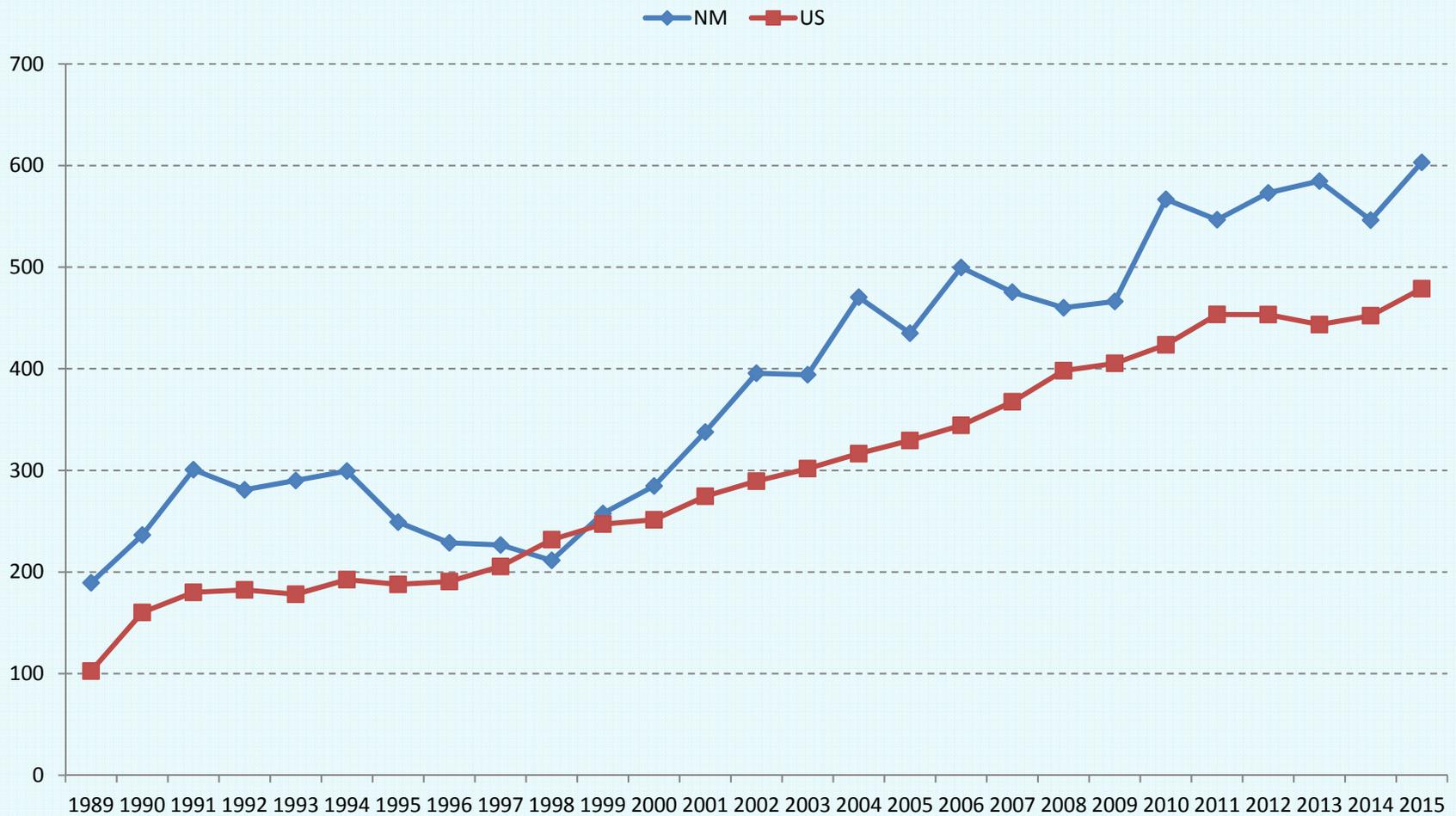
Janine Waters, STD Program Manager

Angie Bartok, Epidemiologist

Lewis Smith, Surveillance Coordinator

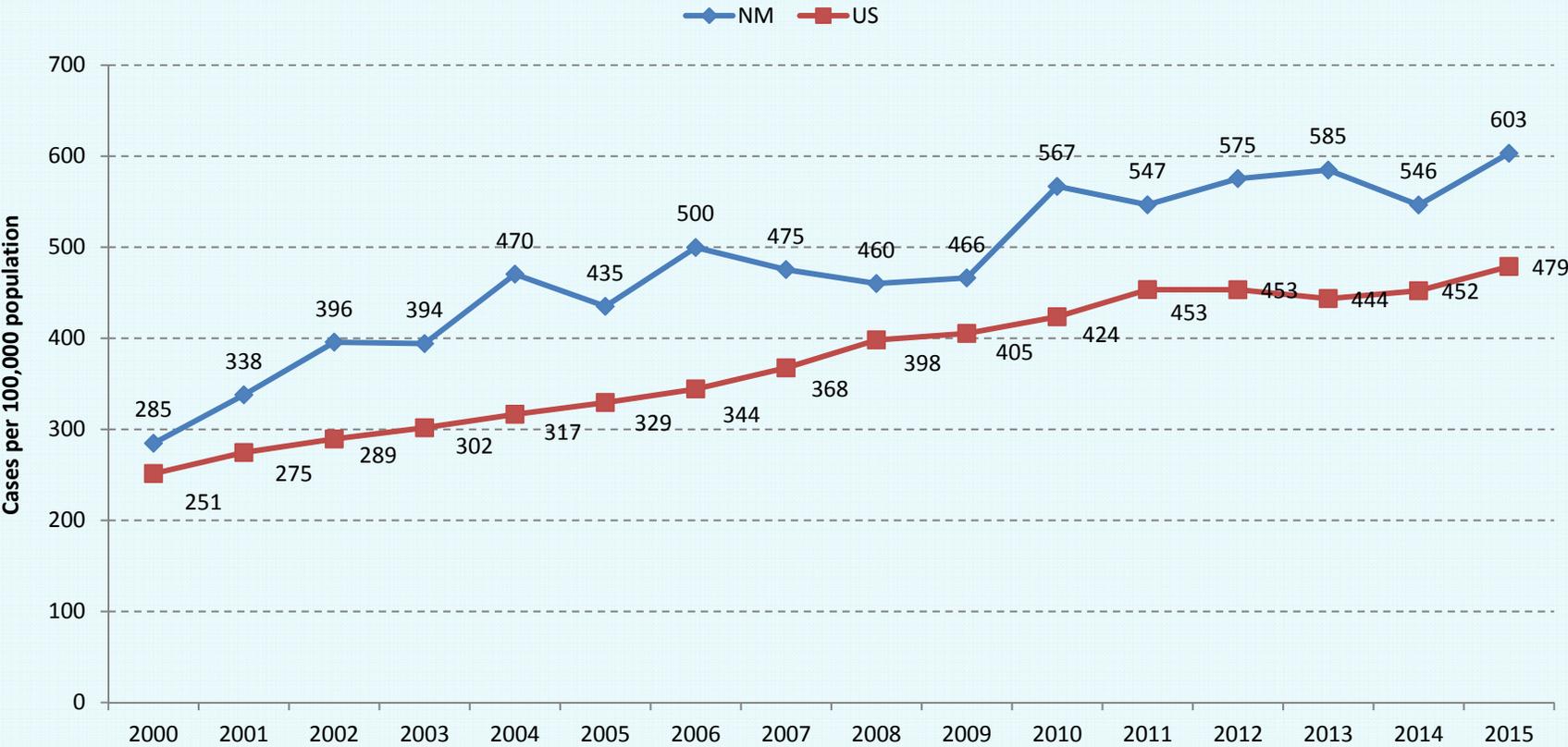
Margo Yee, Surveillance Coordinator

# Chlamydia Rates New Mexico and US, 1989 - 2015



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

# Chlamydia Rates, NM and US, 2000-2015



**NM ranked 4th in the nation for chlamydia in 2015**

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

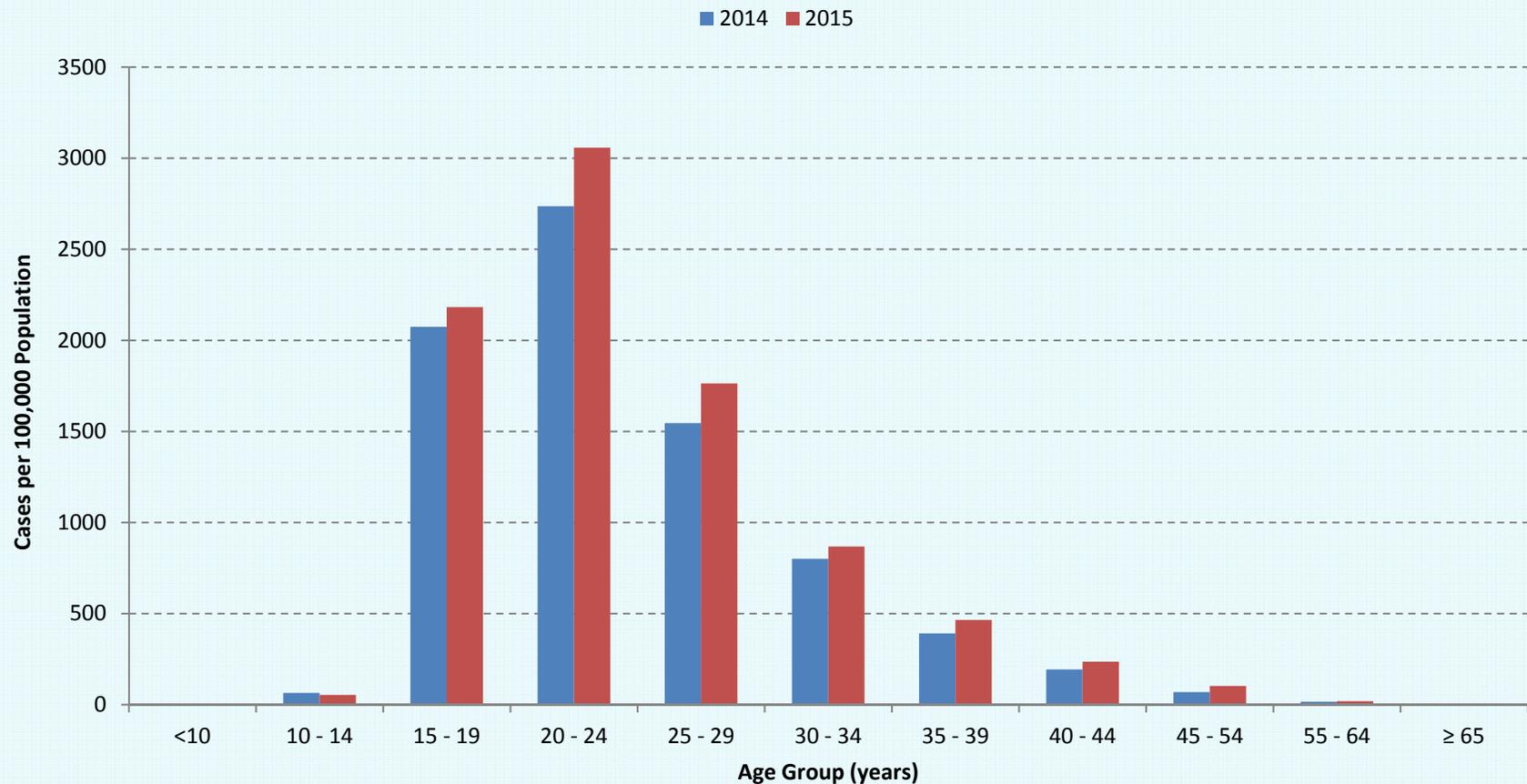
# Chlamydia Rates by Sex

## New Mexico, 2000 - 2015



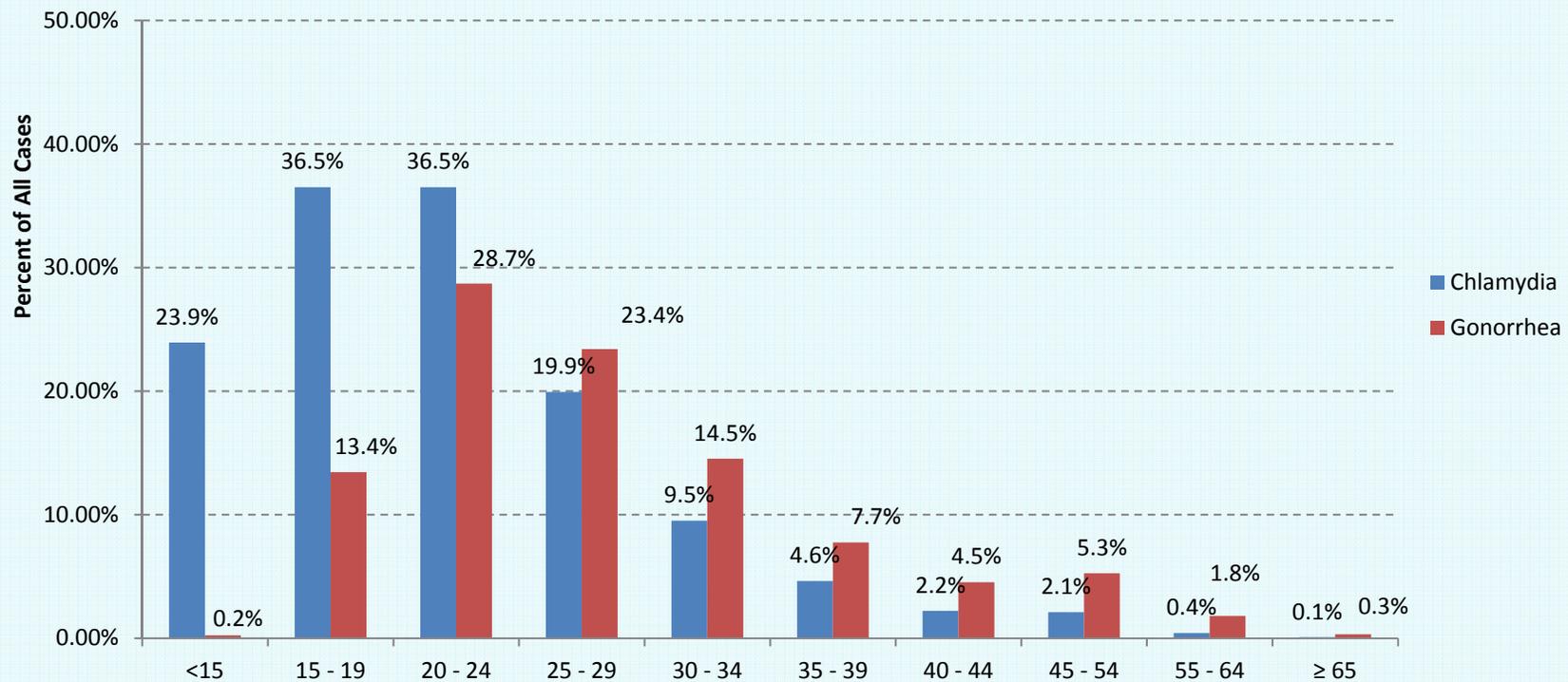
# Chlamydia Rates by Age Group

## New Mexico, 2014 - 2015



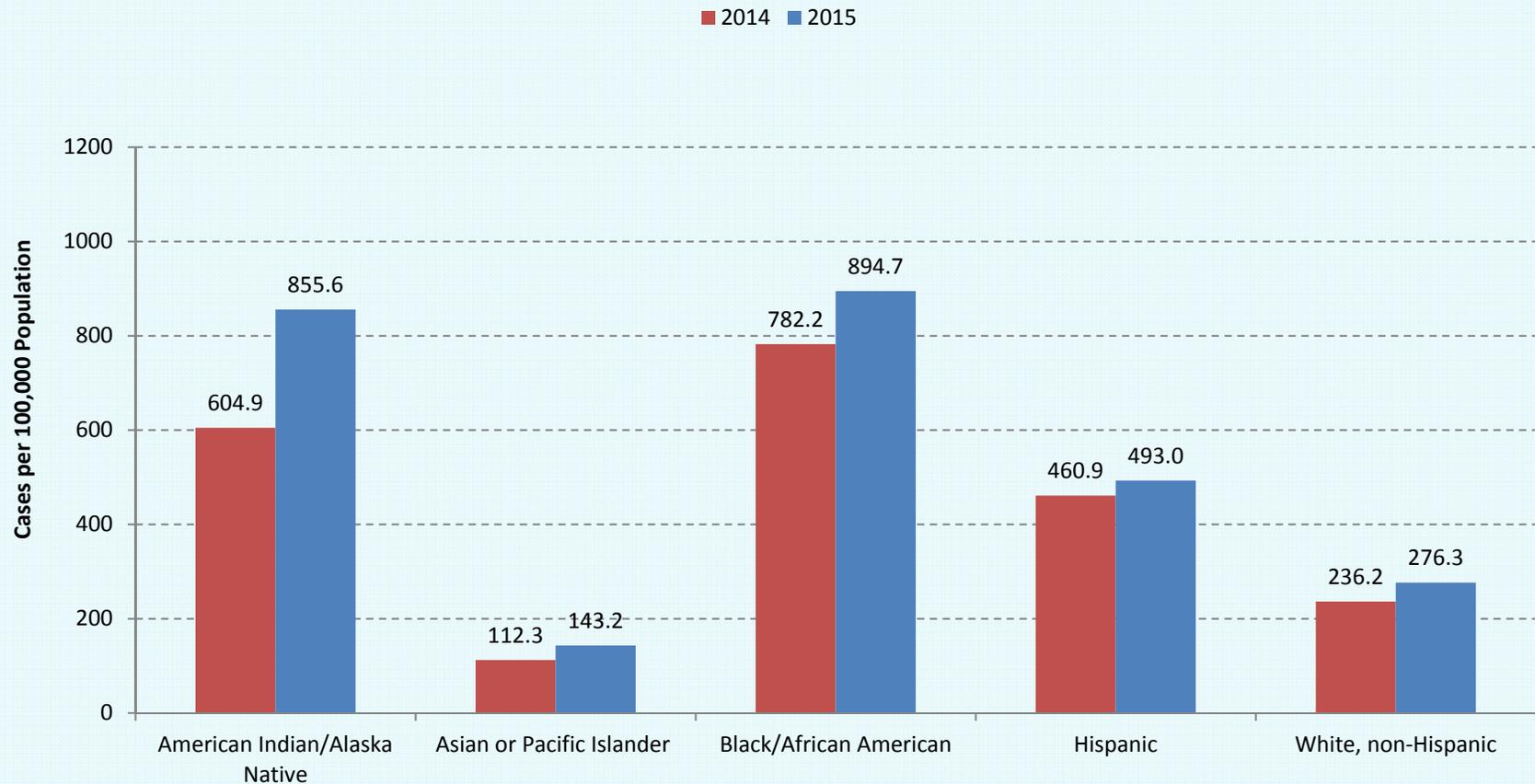
**Chlamydia predominantly affects adolescents and young adults, with rates of infection highest among 20-24 year olds followed by 15-19 year olds**

# Percent of Chlamydia and Gonorrhea Cases by Age Group, New Mexico, 2015



- **73% of reported chlamydia cases are among persons ages 15-24 years**
- **42% of reported gonorrhea cases are among persons age 15-24 years**

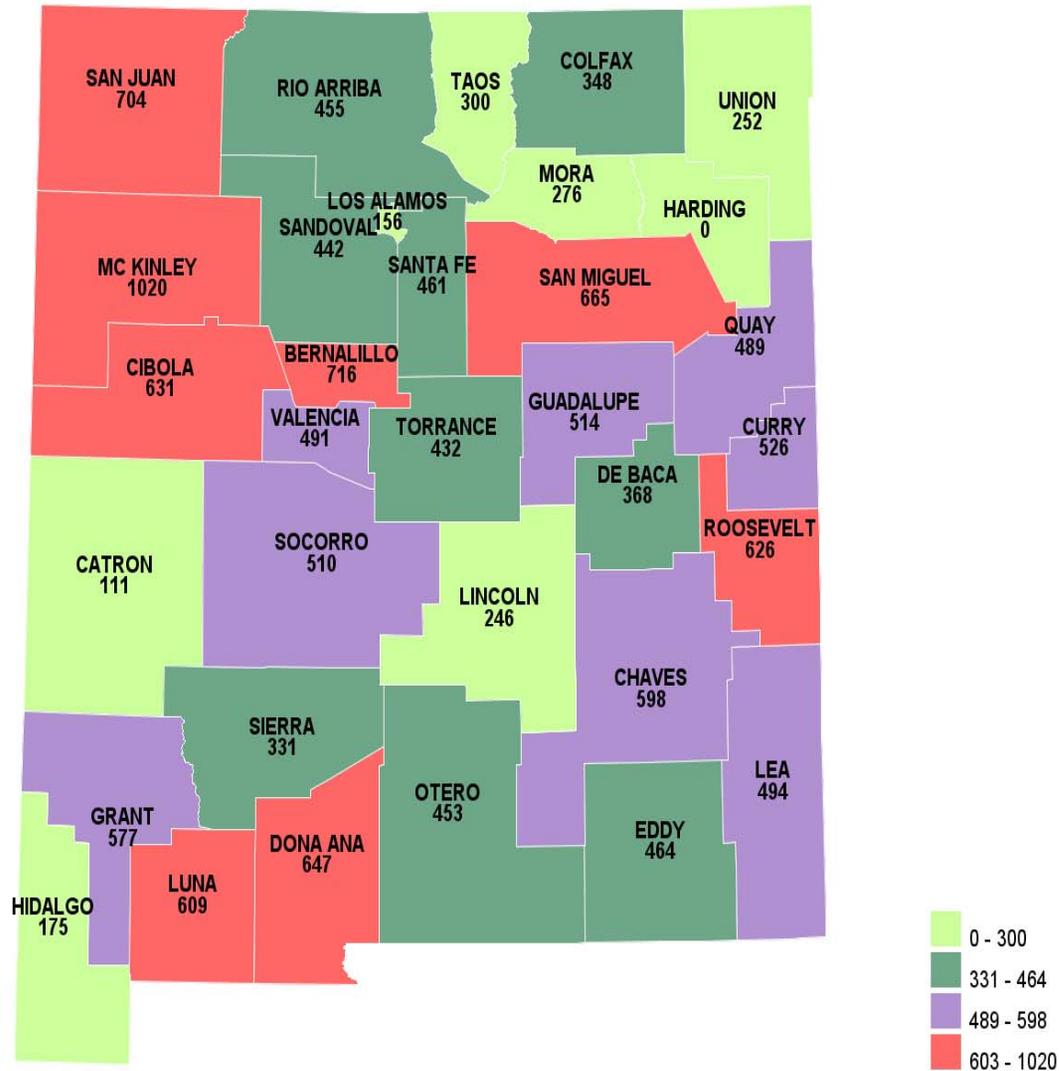
# Chlamydia Rates by Race/ Ethnicity New Mexico, 2014 - 2015



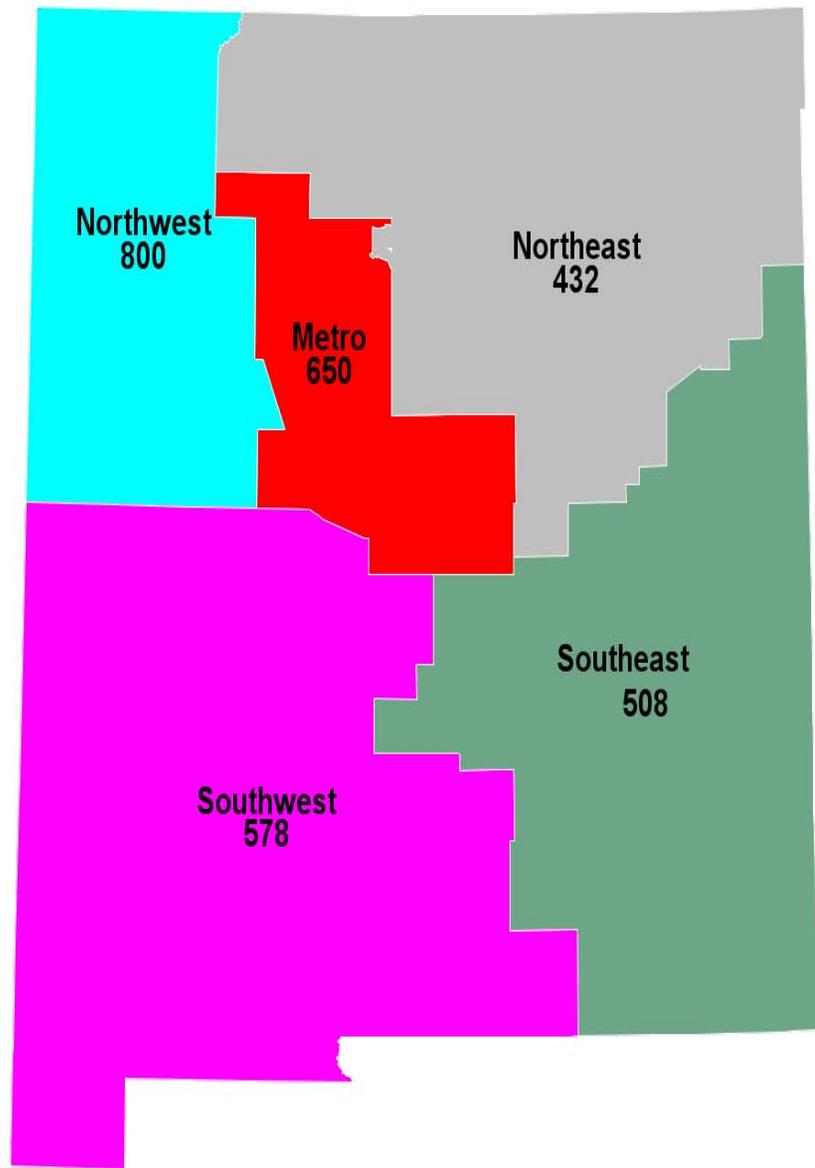
**Similar to national level data, chlamydia rates show health disparities:**

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

# Chlamydia Rate per 100,000 by County, New Mexico, 2015

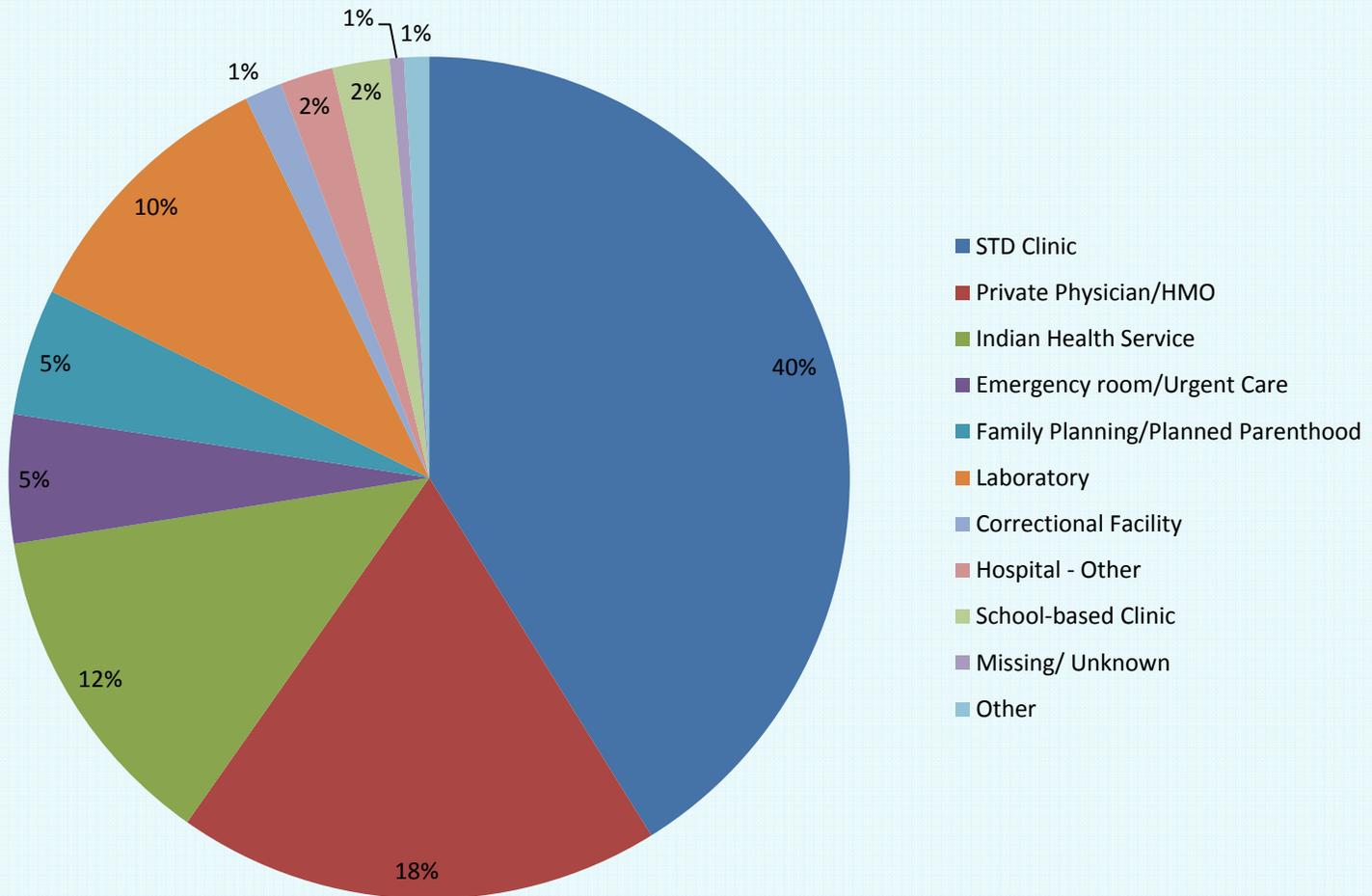


Rates per 100,000 by  
Quartile

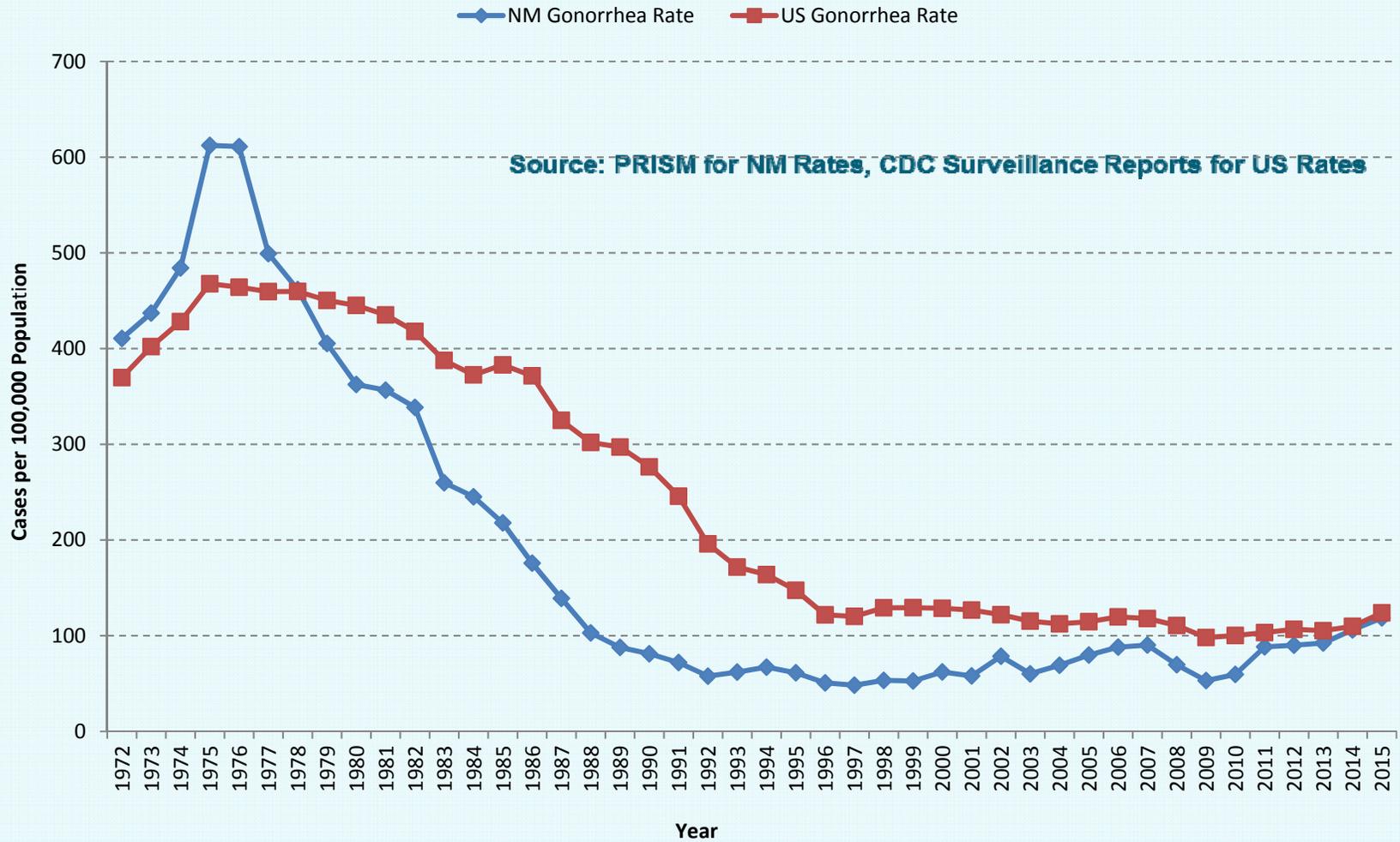


Chlamydia Rate per  
100,000 by Region,  
New Mexico, 2015

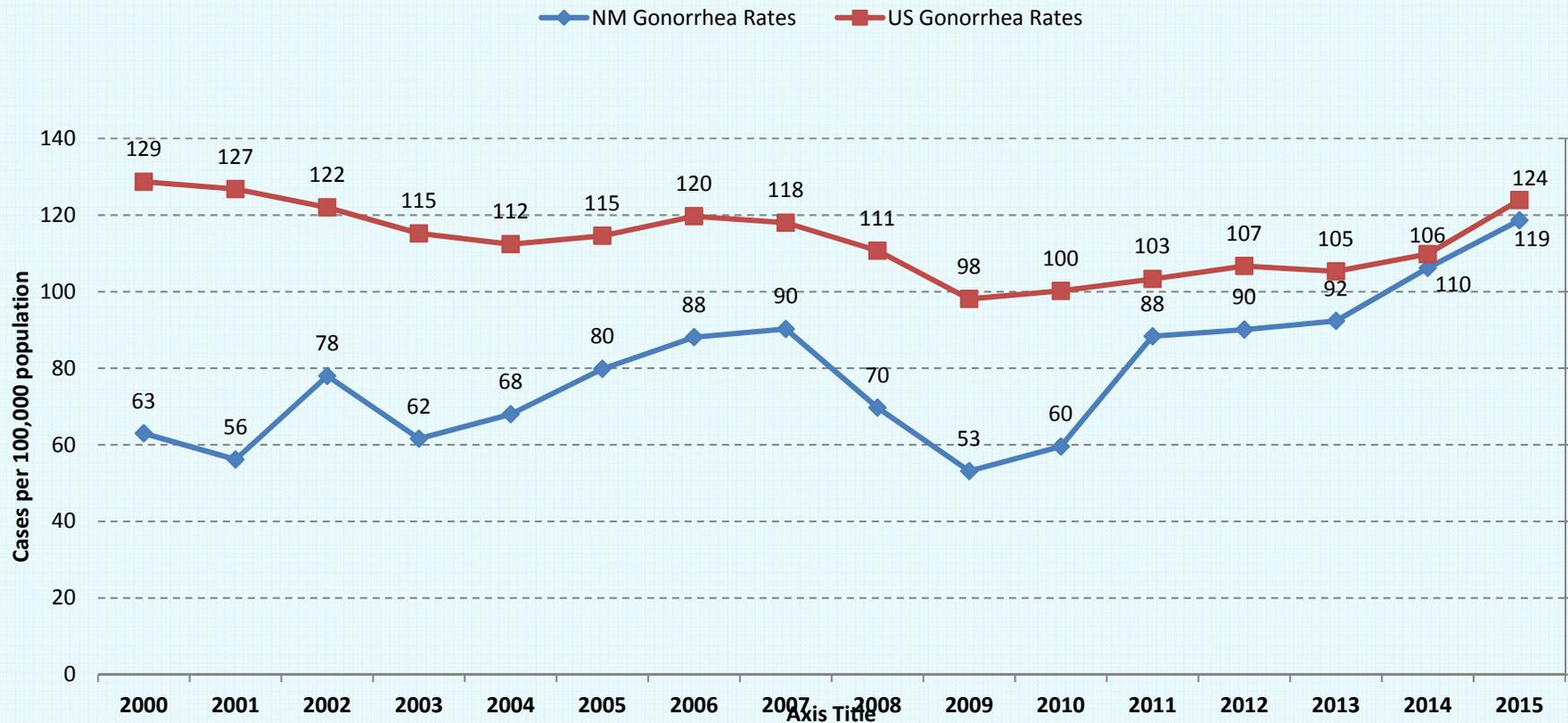
# Percent of Chlamydia Cases by Diagnosing Provider Type, 2015



# Gonorrhea Rates New Mexico and US, 1972 - 2015



# Gonorrhea Rates, New Mexico and US, 2000-2015



➤ **New Mexico experienced a 12% increase in gonorrhea cases from 2014 to 2015; however ranked 22<sup>nd</sup> in the nation in 2015.**

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

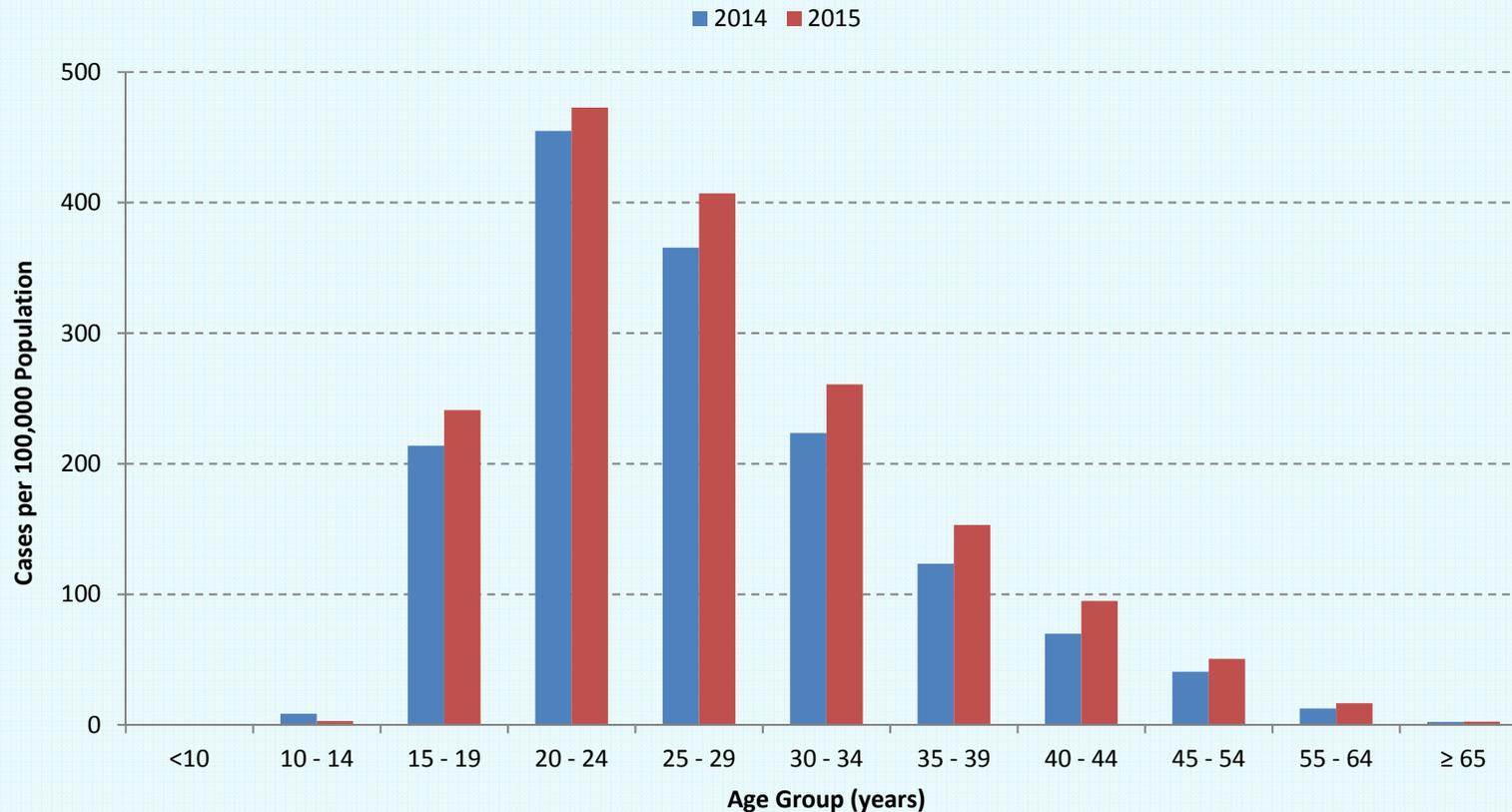
# Gonorrhea Rates by Sex New Mexico, 2000-2015



—◆— 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	88.9	99.1	106.4	122.5	134.8
—■— 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	87.8	81.1	78.6	90.0	102.6

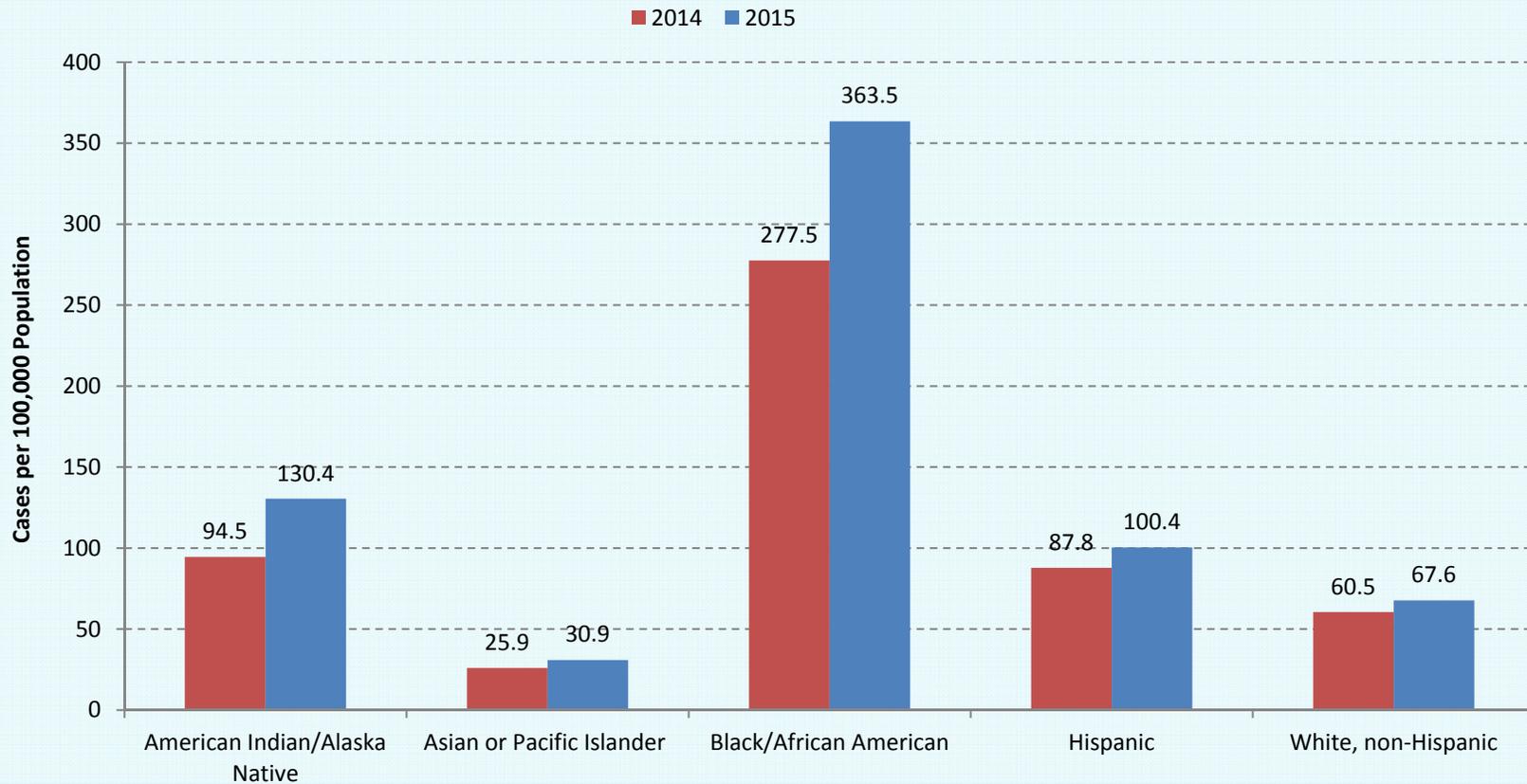
# Gonorrhea Rates by Age Group

## New Mexico, 2014 - 2015

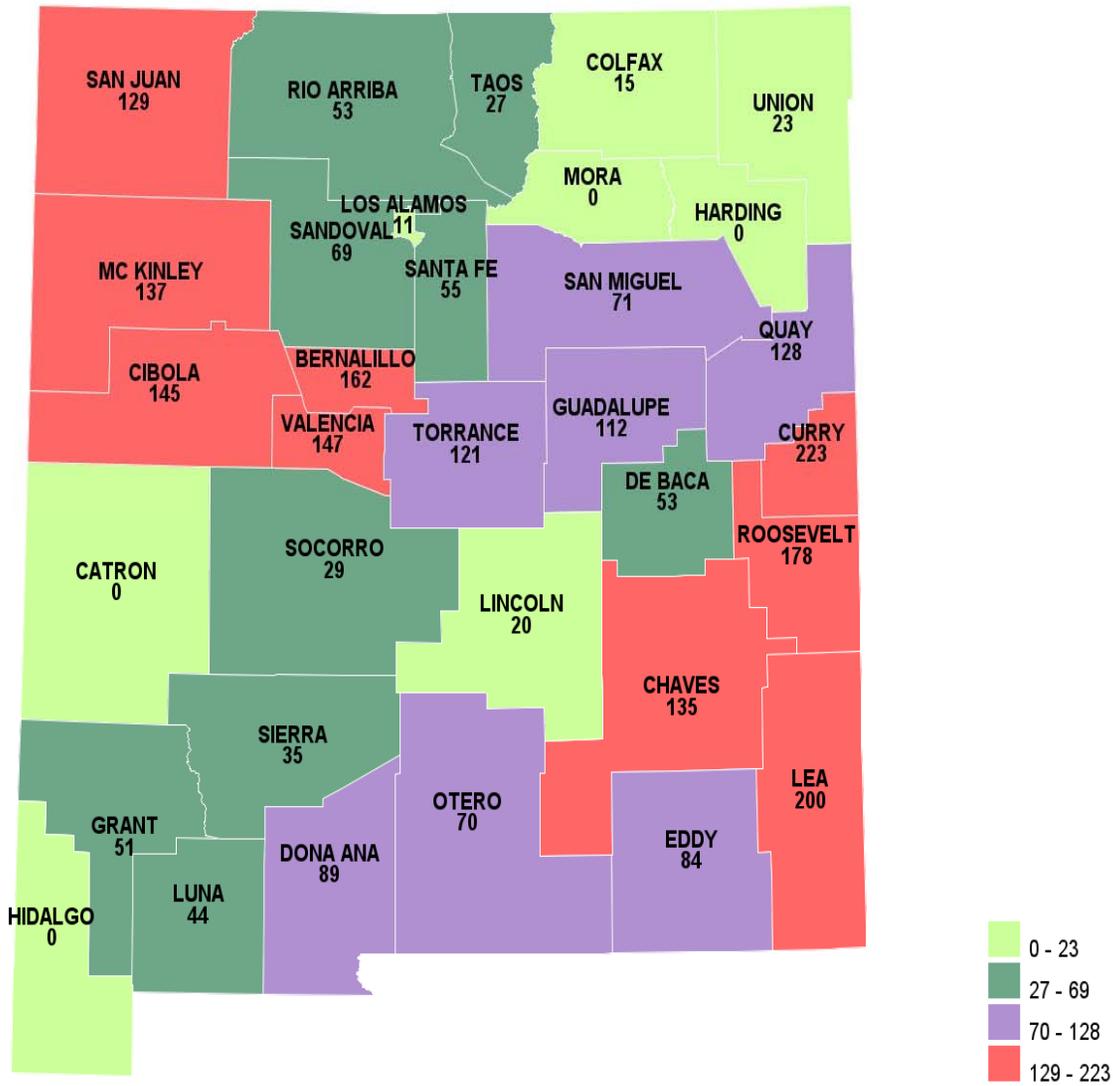


- **Gonorrhea rates increased slightly overall from 2014 to 2015**
  - **Most striking changes from 2014 to 2015:**
    - **Rates in 2015 among women ages 25-29 increased by 15% compared to 2014**
    - **Rates in 2015 among men ages 25-29 increased by 8% compared to 2014**

# Gonorrhea Rates by Race/ Ethnicity New Mexico, 2014 - 2015

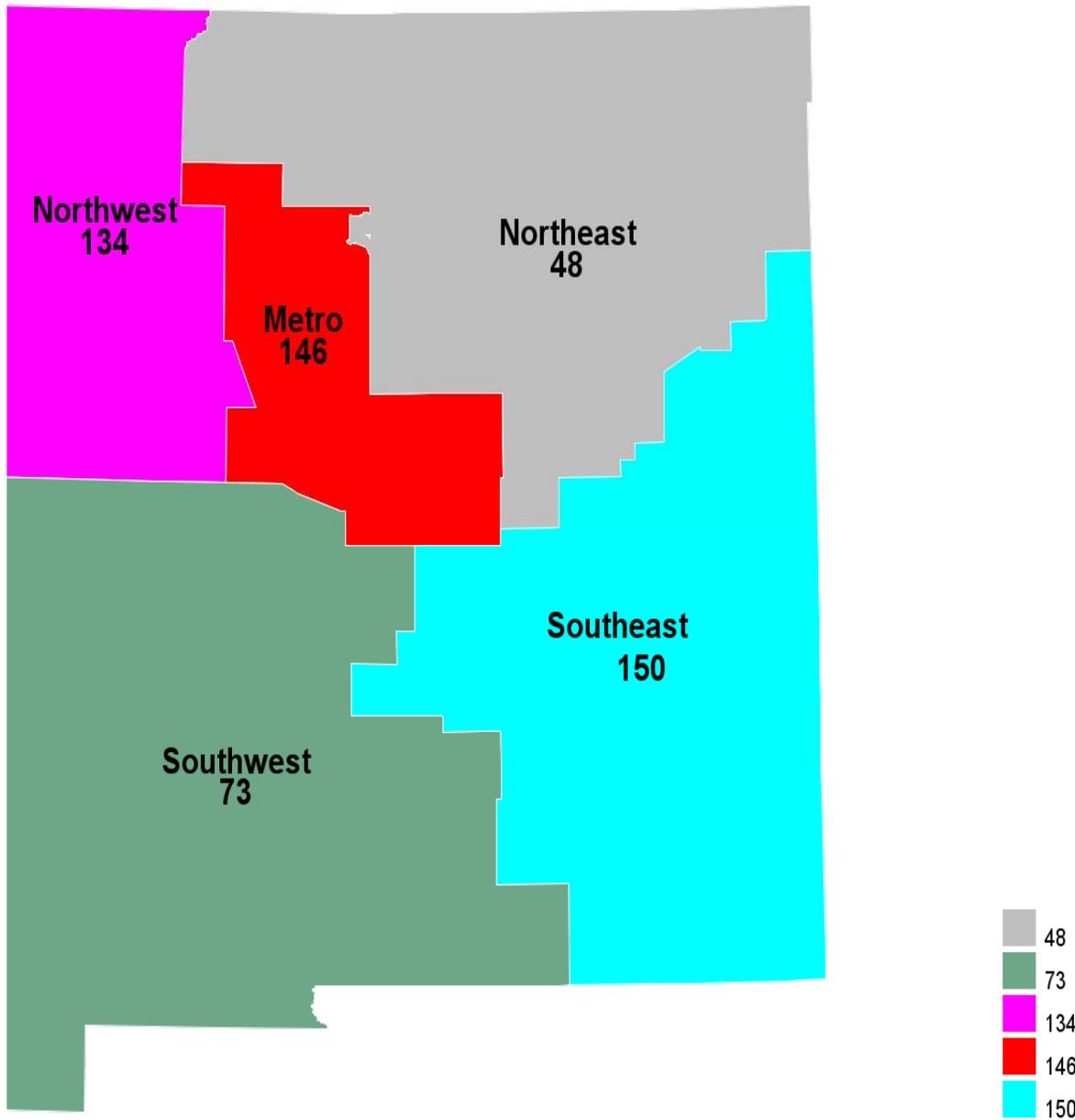


**Similar to national level data, gonorrhea rates show health disparities:  
Gonorrhea disproportionately affects African American, American Indian, and  
Hispanic populations in New Mexico**



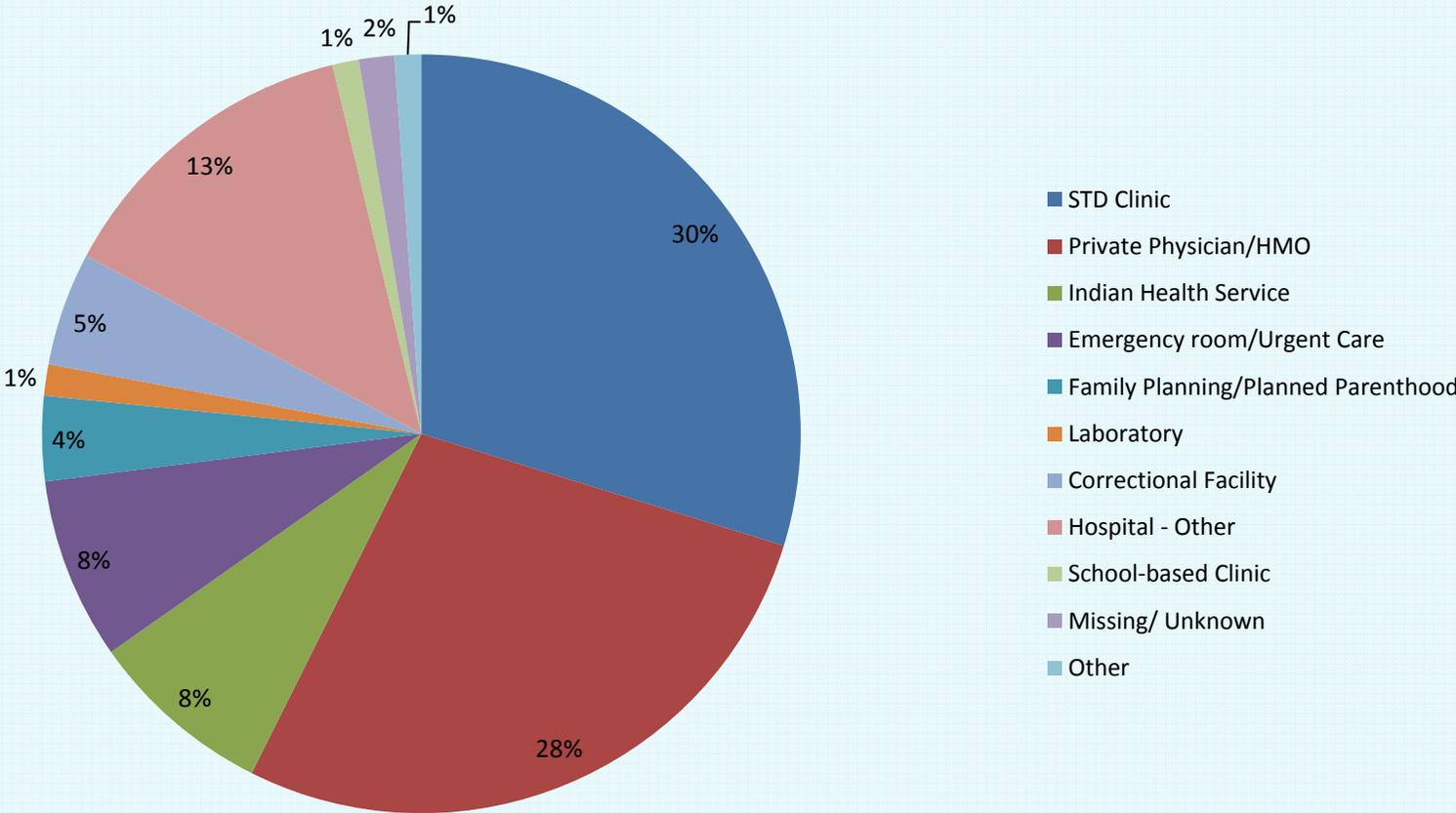
# Gonorrhea Rate per 100,000 by County, New Mexico, 2015

Rates per 100,000 by  
Quartile

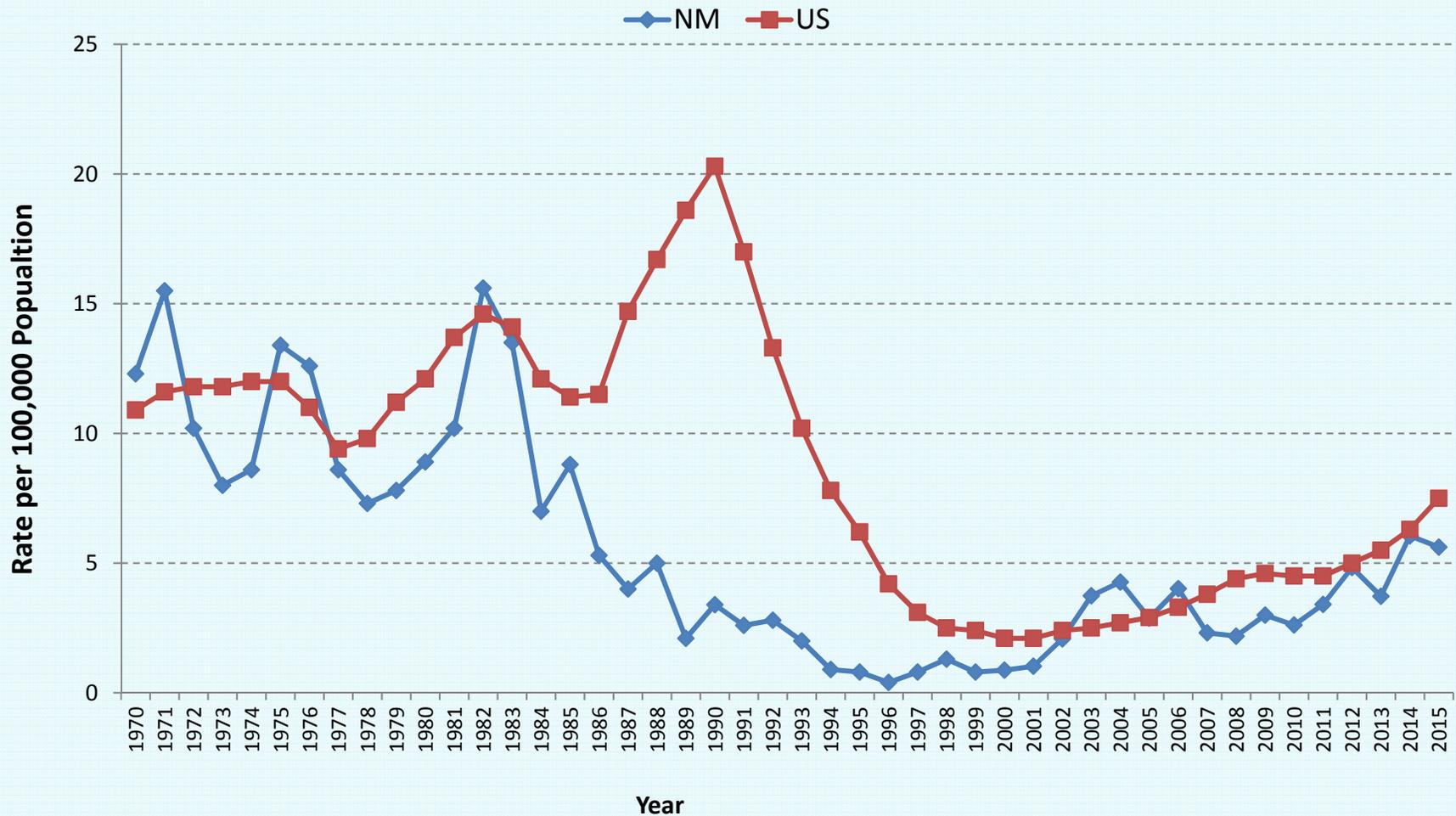


## Gonorrhea Rate per 100,000 by Region, New Mexico, 2015

# Percent of Gonorrhea Cases by Diagnosing Provider Type, New Mexico, 2015

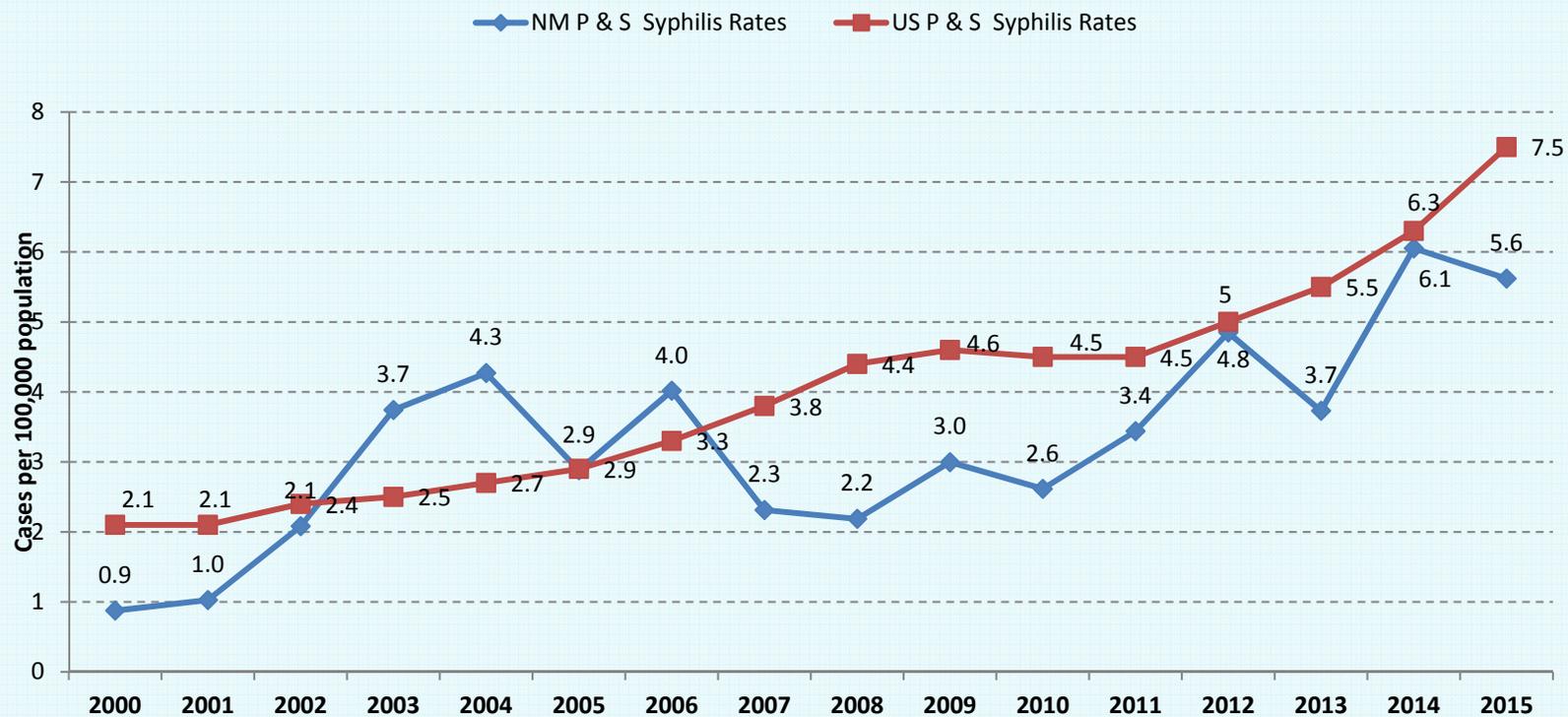


# Primary and Secondary Syphilis Rates, New Mexico and US, 1970 - 2015



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

# Rates of Primary and Secondary Syphilis New Mexico and US, 2000 - 2015



Rates of primary and secondary syphilis in New Mexico have varied over the past 2 years. Between 2013 and 2014 there was an case increase of 65%.

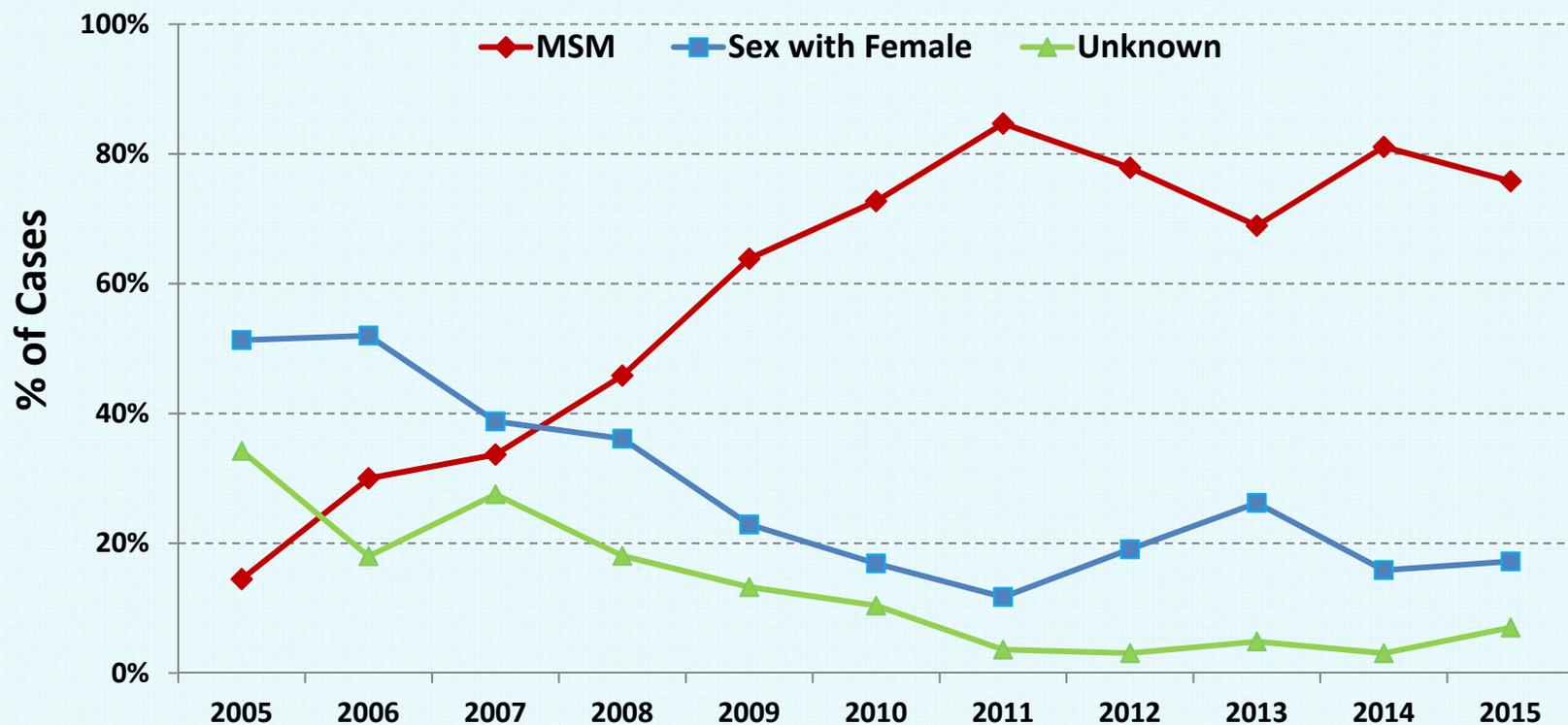
Then, between 2014 and 2015 there was a case decrease of 8%. By contrast, a steady increase has been seen in the US rate from 2010 to 2015. New Mexico ranked 20<sup>th</sup> in the nation for primary and secondary syphilis in 2015.

# Primary and Secondary Syphilis Cases by Sex, New Mexico, 2000-2015



**91% of all reported primary and secondary syphilis cases in 2015 were male**

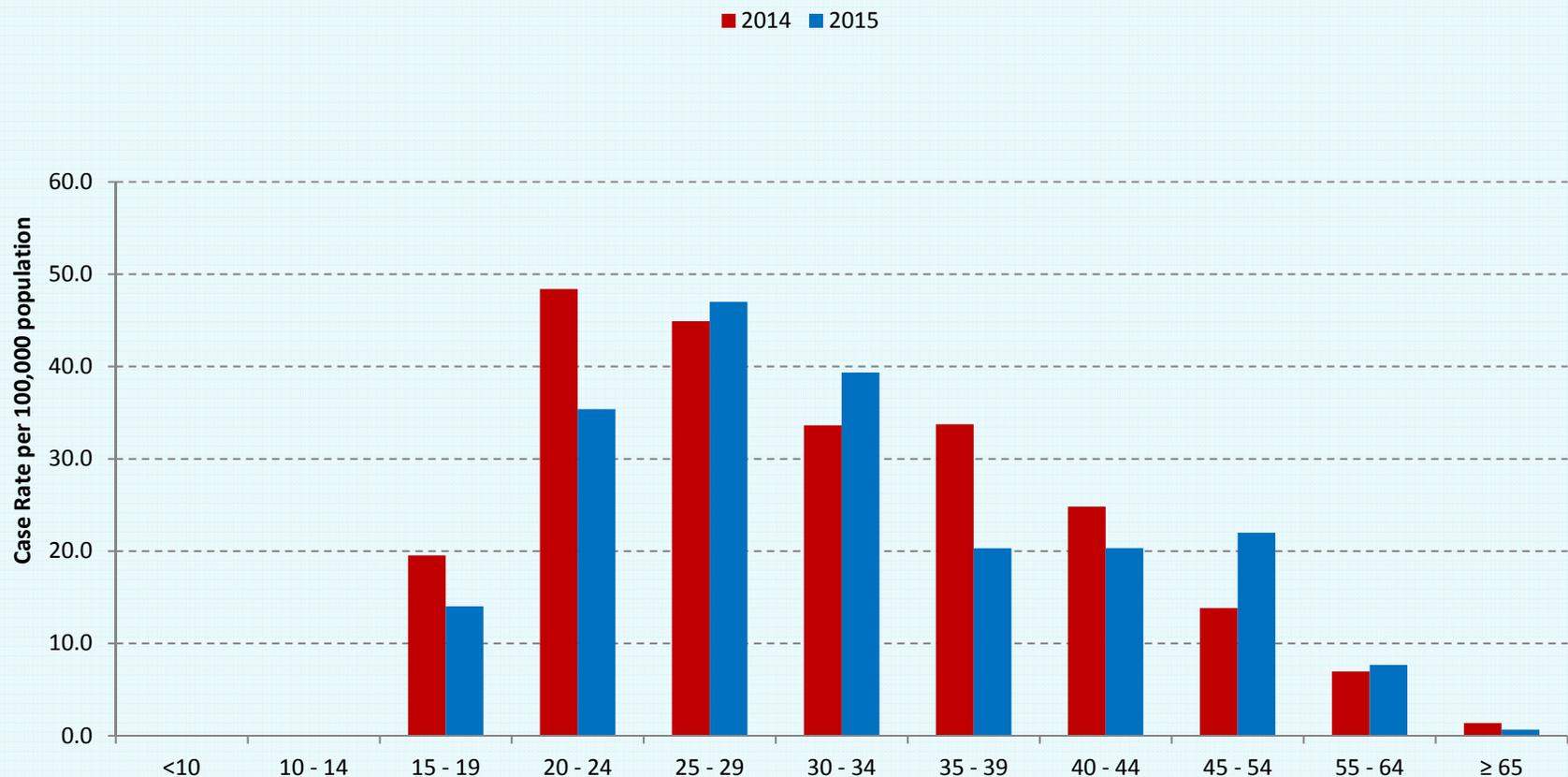
# Percentage of cases of Primary, Secondary, and Early Latent Syphilis Among Men, by Gender of Partner New Mexico, 2005 - 2015



**Of all male cases of syphilis in 2015, where gender of partner was known, 84% of cases were men with male sex partners (MSM).**

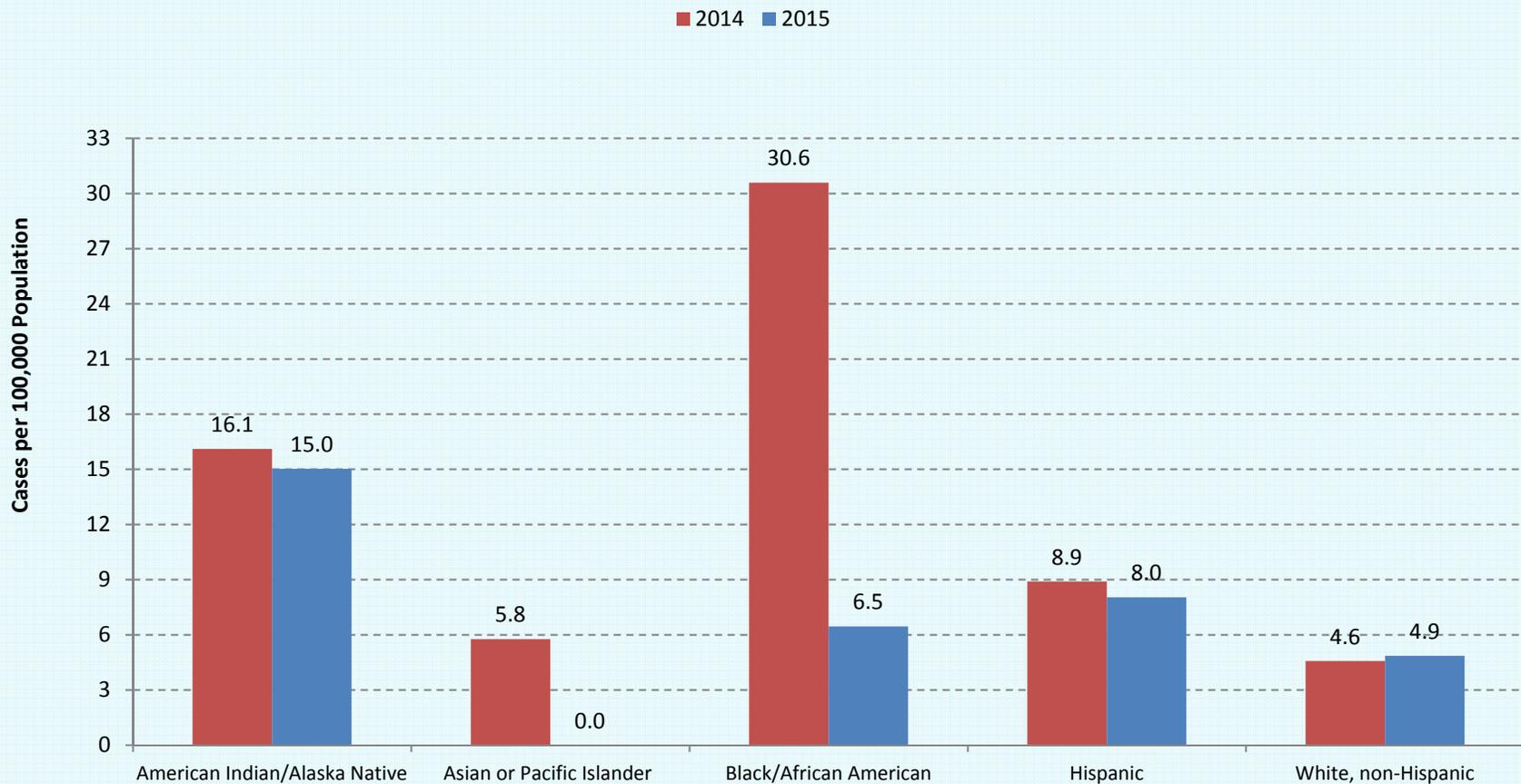
**The percent that had sex with female(s) increased in 2015 by 6% over 2014.**

# Primary, Secondary, and Early Latent Syphilis Rates by Age Group, Males New Mexico, 2014-2015

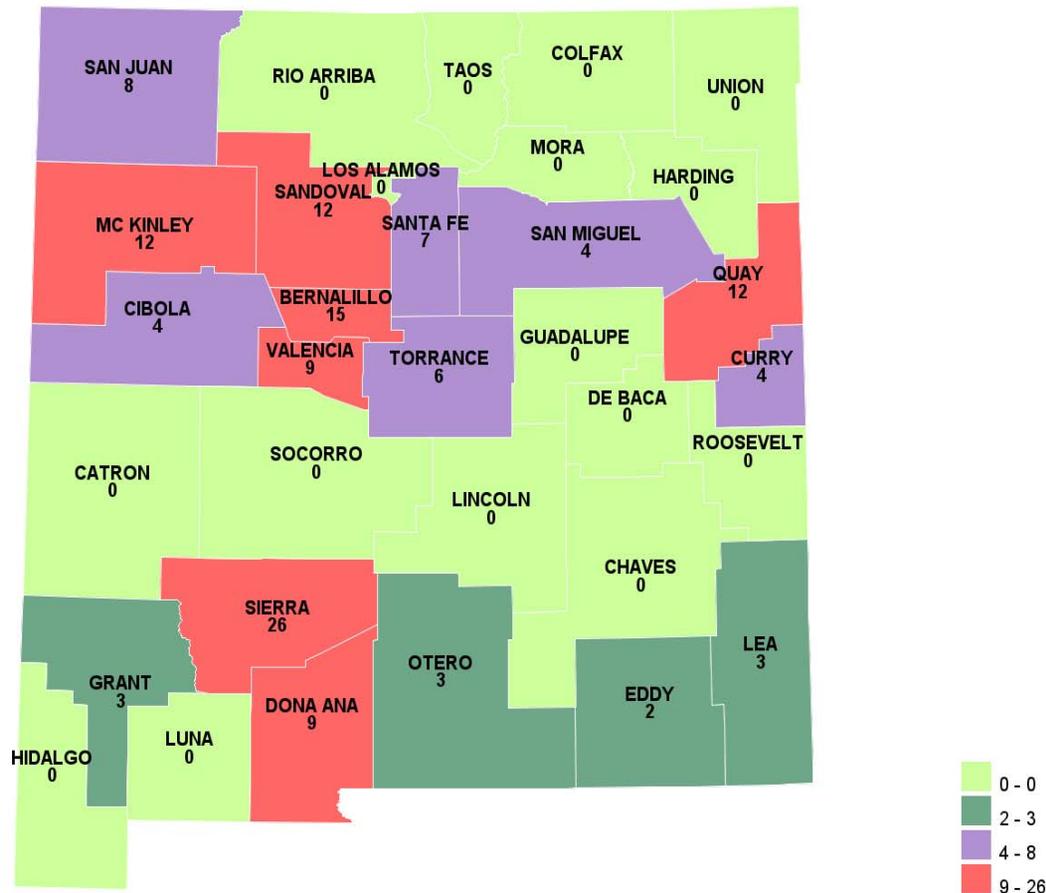


**Compared to 2014, there was a decrease in P,S, and EL syphilis rates among men age 20-24 years old in 2015 and a slight increase in rates among men 25 - 29**

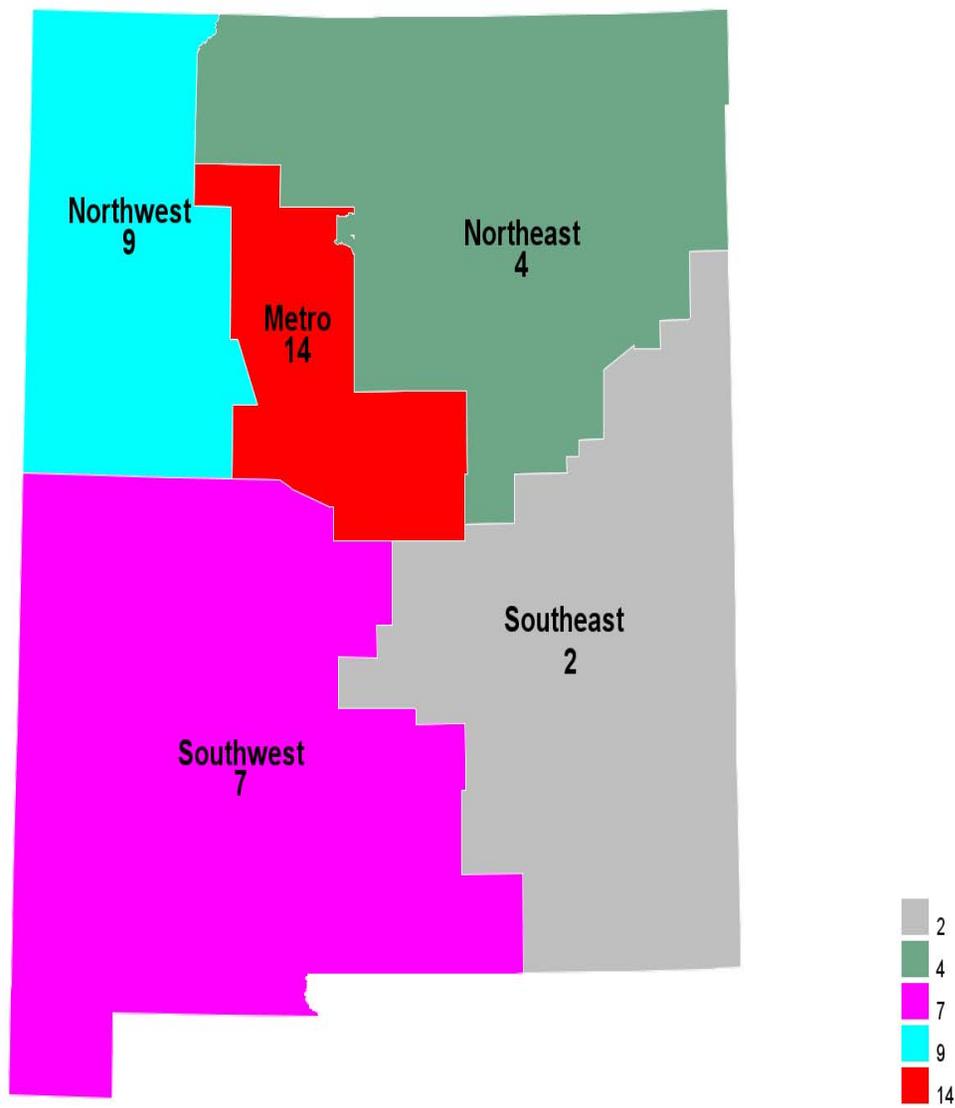
# Primary, Secondary, and Early Latent Syphilis Rates by Race/Ethnicity, NM, 2014 – 2015



# Primary, Secondary, and Early Latent Syphilis Rates by County, New Mexico, 2015

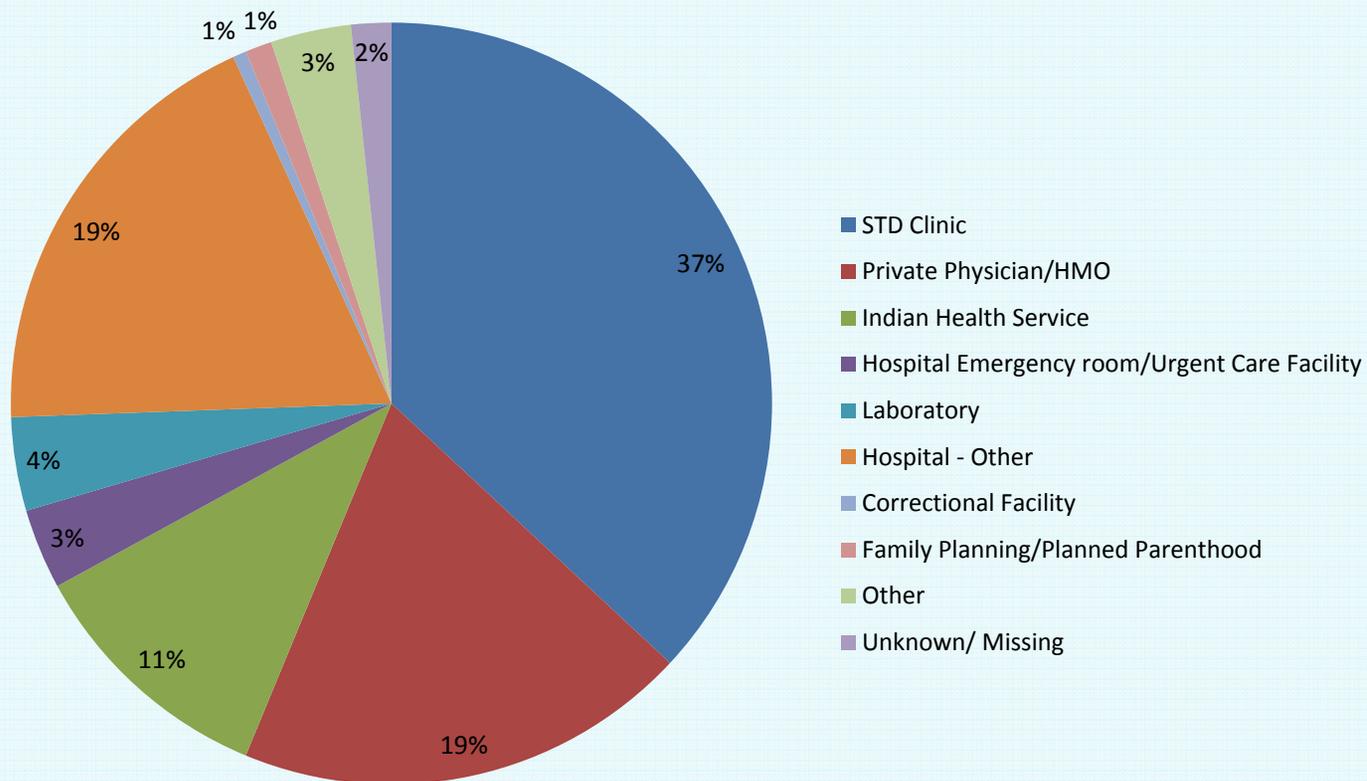


Rates per 100,000 by  
Quartile



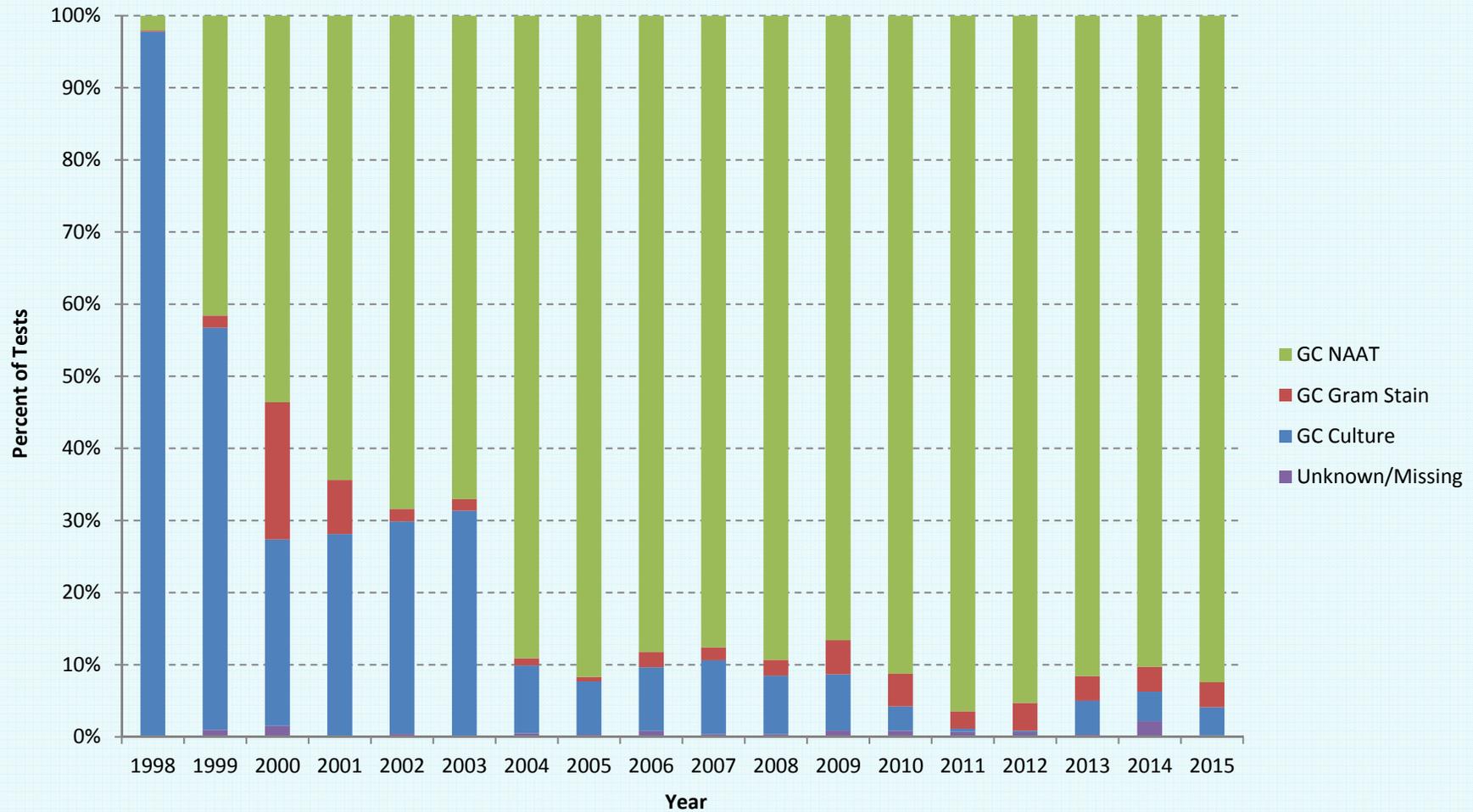
Syphilis Rate per  
100,000 by  
Region, New  
Mexico, 2015

# Percent of Primary, Secondary and Early Latent Syphilis Cases by Diagnosing Provider New Mexico, 2015

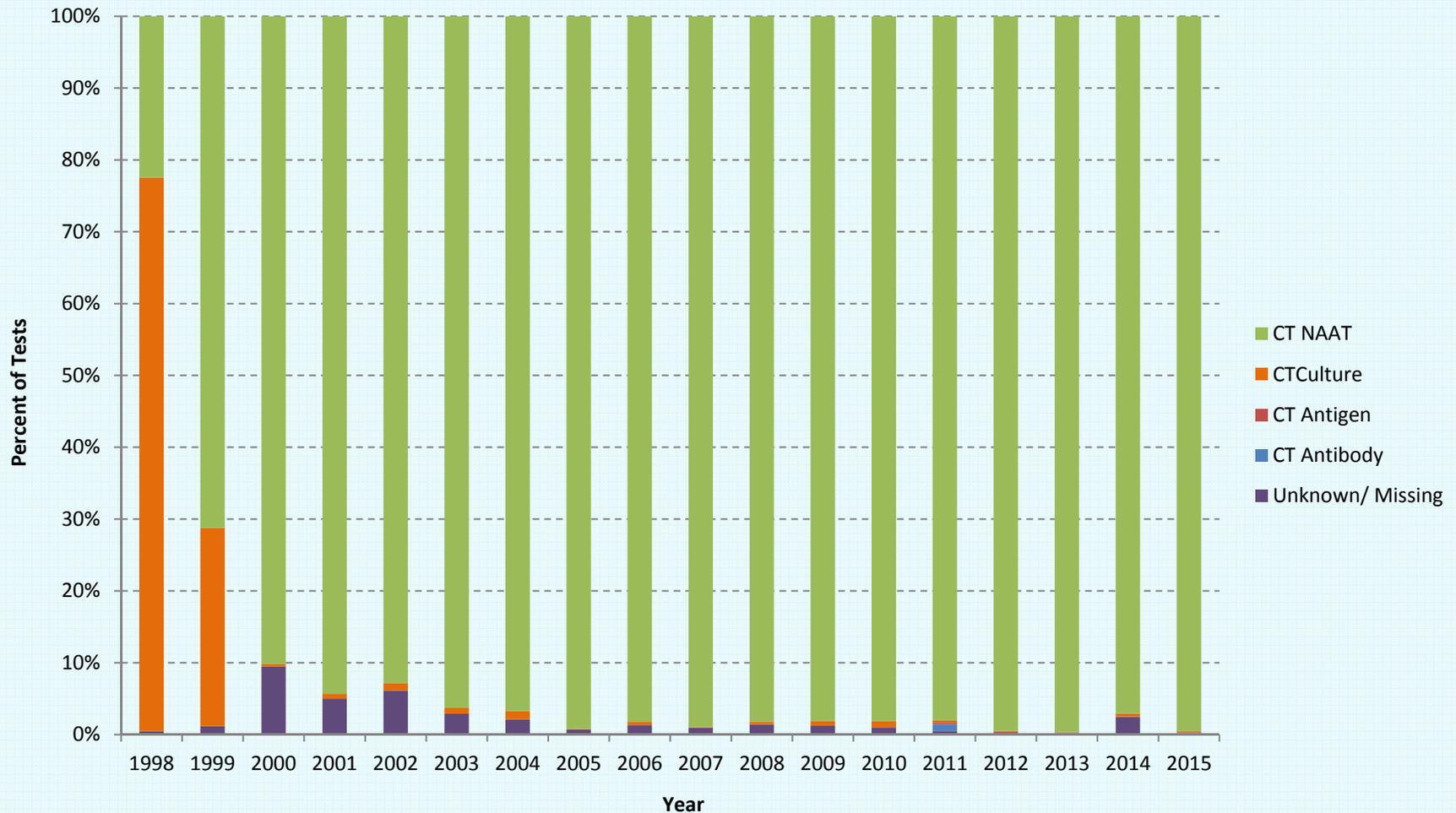


# Gonorrhoea and Chlamydia Testing Methods

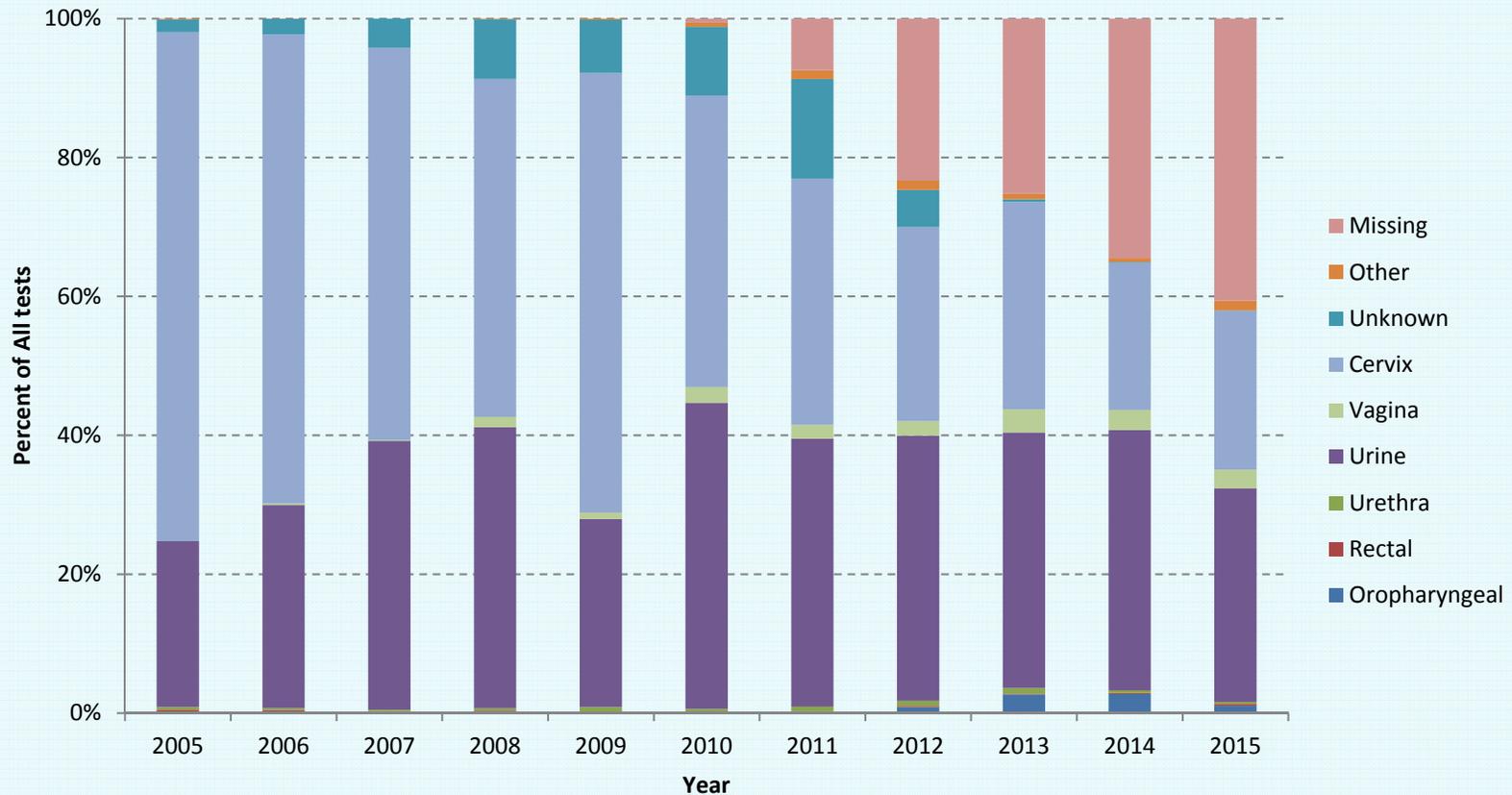
# Changes in Gonorrhea Testing Methods, New Mexico, 1998 - 2015



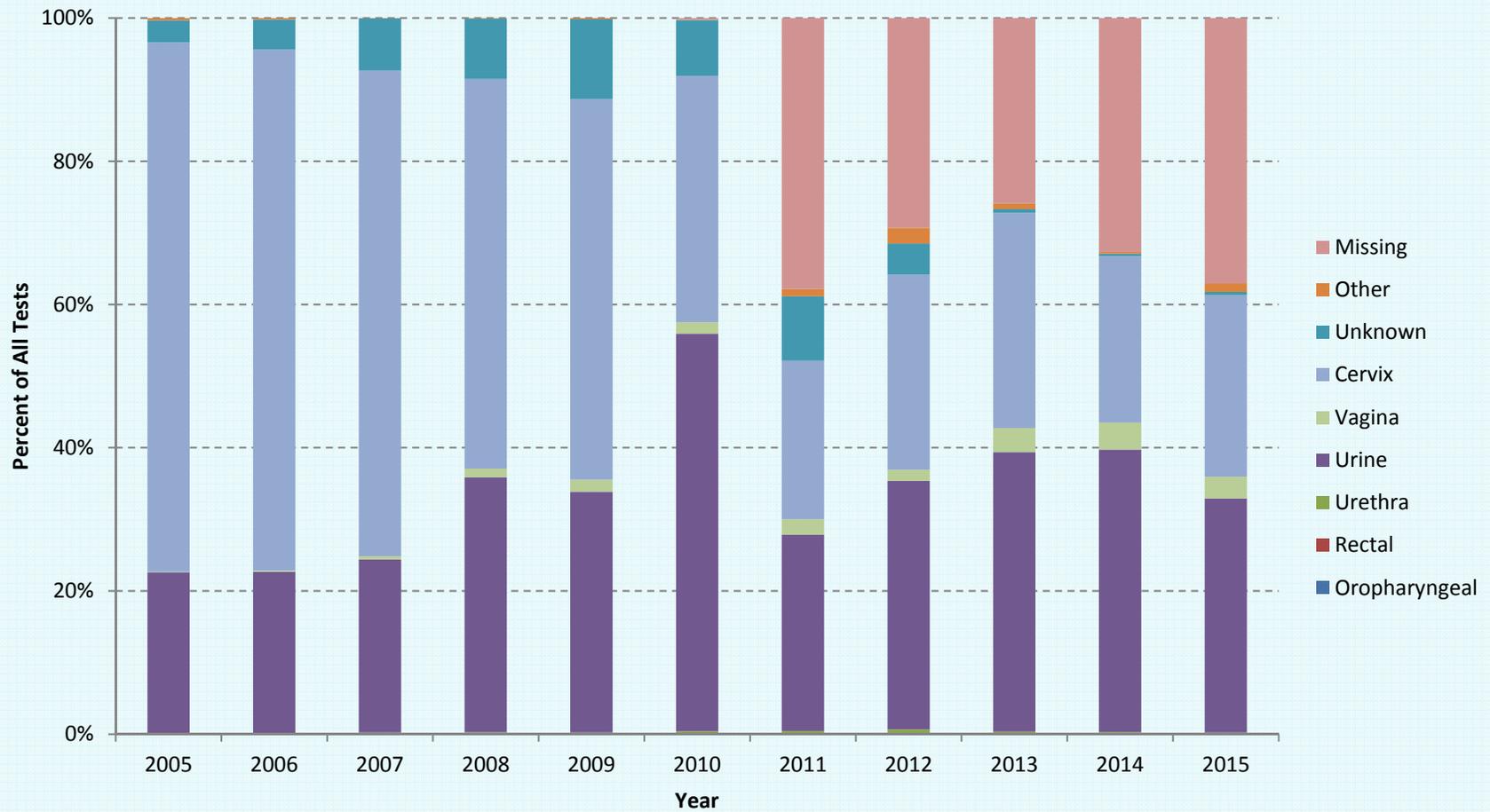
# Changes in Chlamydia Testing Methods, New Mexico, 1998 - 2015



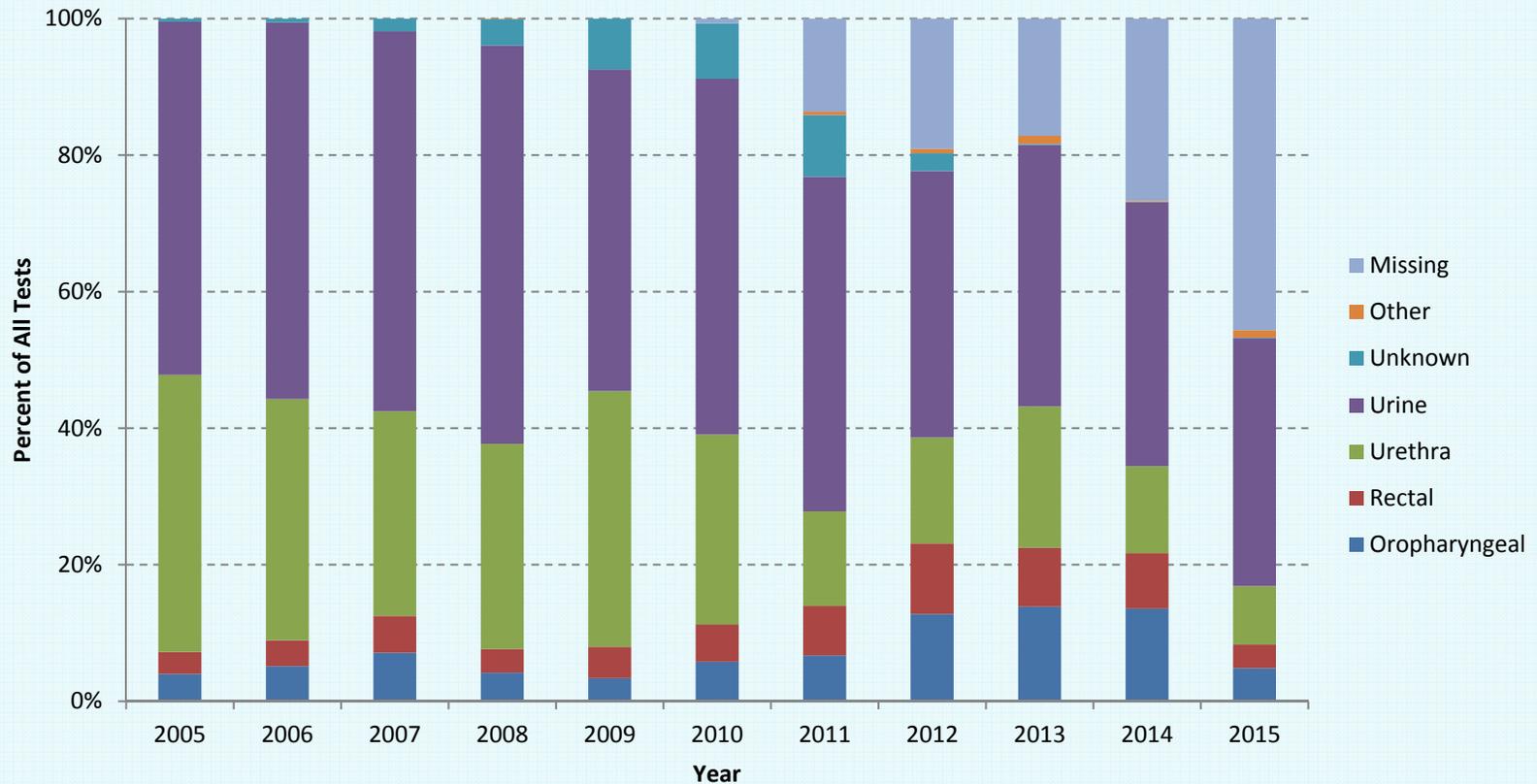
# Specimen Source, All Gonorrhea Tests in PRISM, Females, New Mexico, 2005-2015



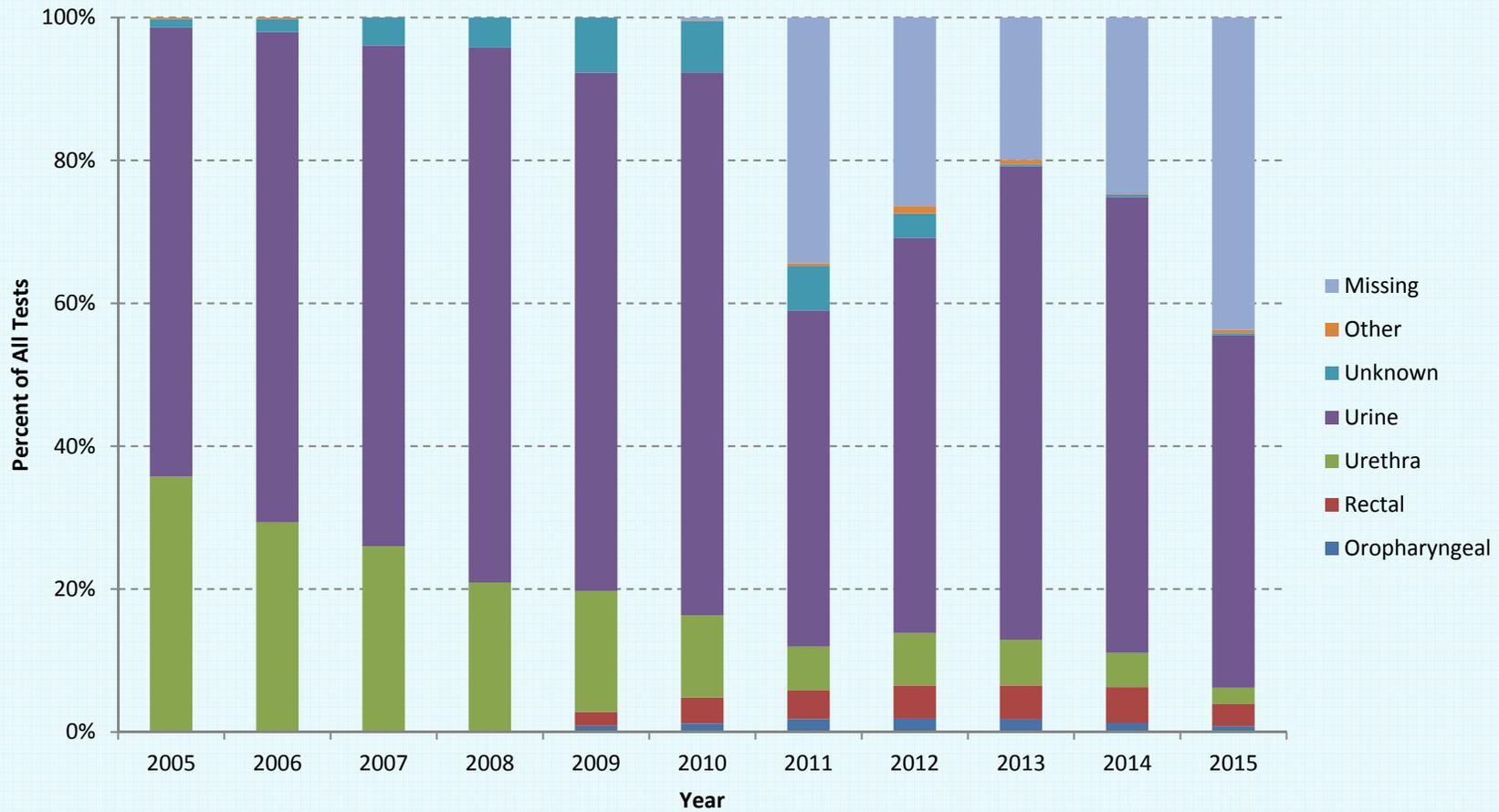
# Specimen Source, All Chlamydia Tests in PRISM, Females, New Mexico, 2005-2015



# Specimen Source, All Gonorrhea Tests in PRISM, Males, New Mexico, 2005-2015



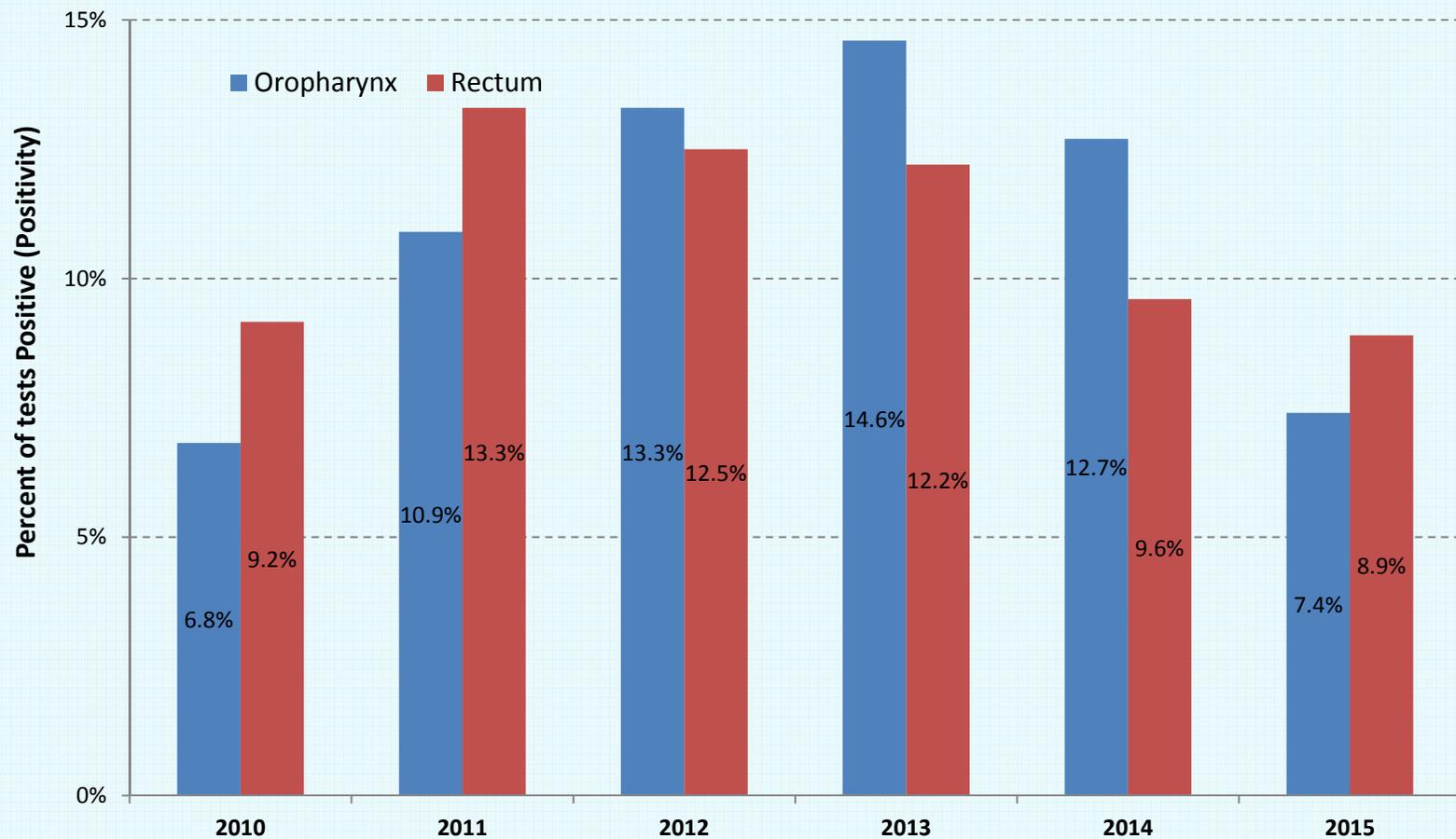
# Specimen Source, All Chlamydia Tests in PRISM, Males, New Mexico, 2005-2015



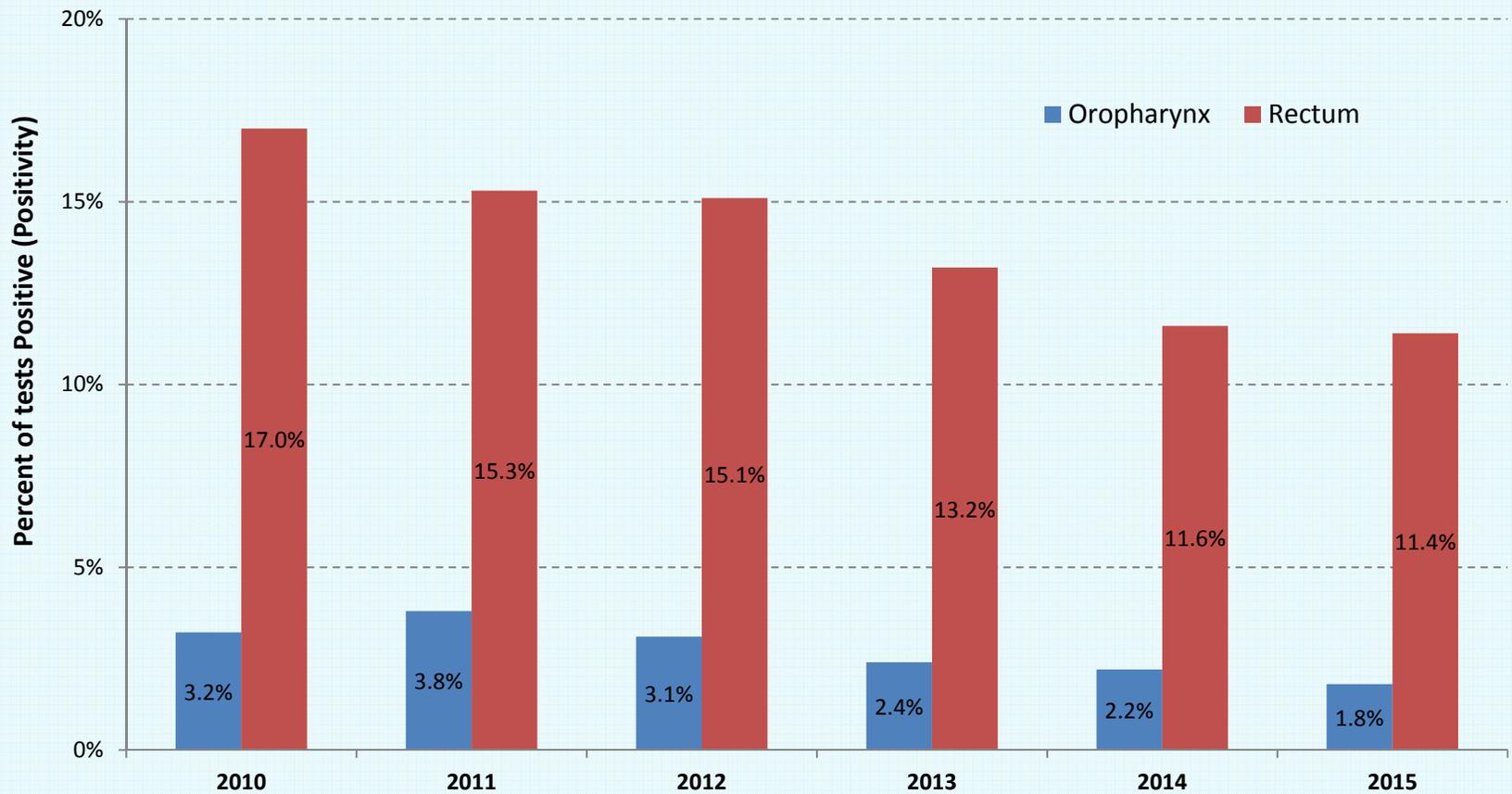
# Special Populations

Men with Male Sex Partners (MSM)

# GC Positivity among Men Tested at Alternate Sites, New Mexico, 2010 - 2015

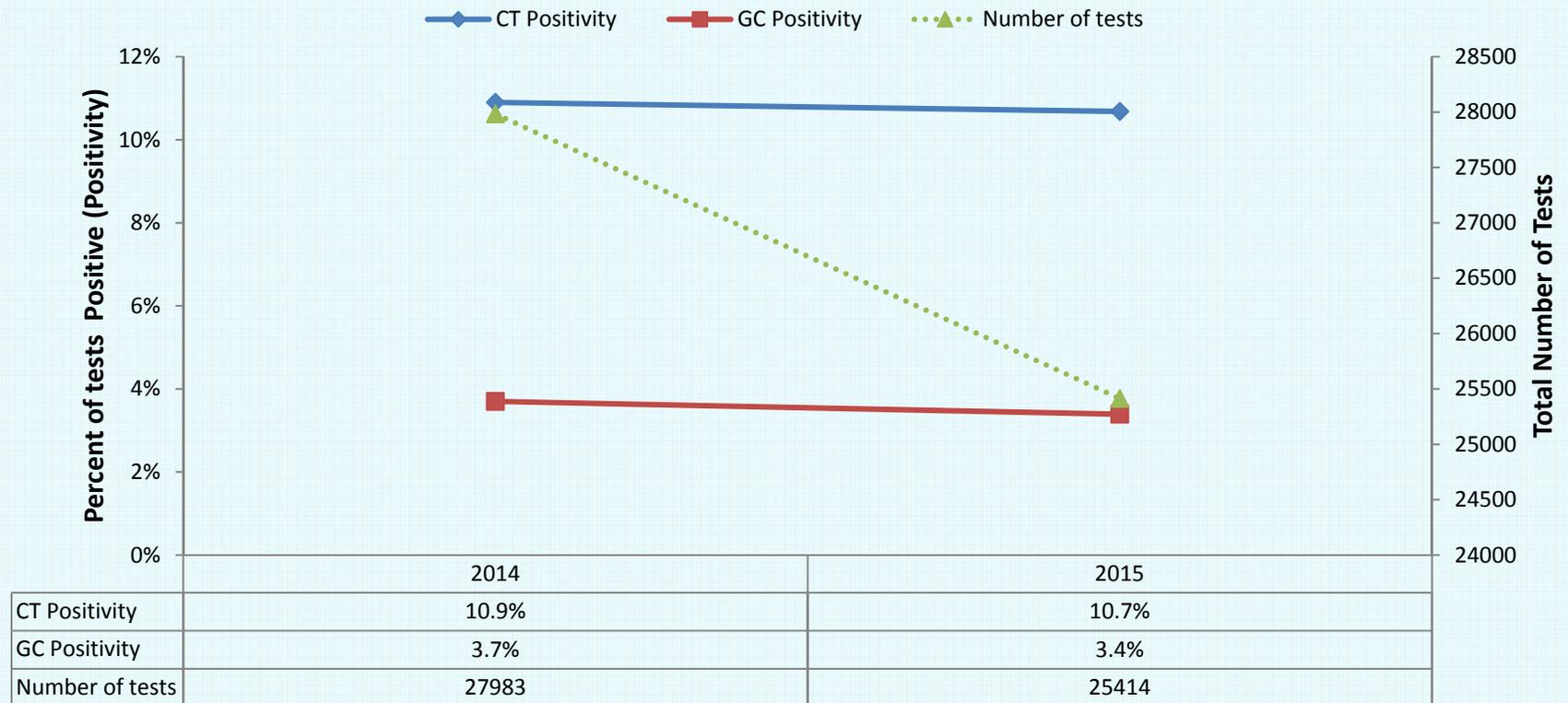


# CT Positivity among Men Tested at Alternate Sites, New Mexico, 2010 - 2015



# Streamlining DOH Testing Efforts

## CT and GC Positivity and Testing Volume, 2014-2015

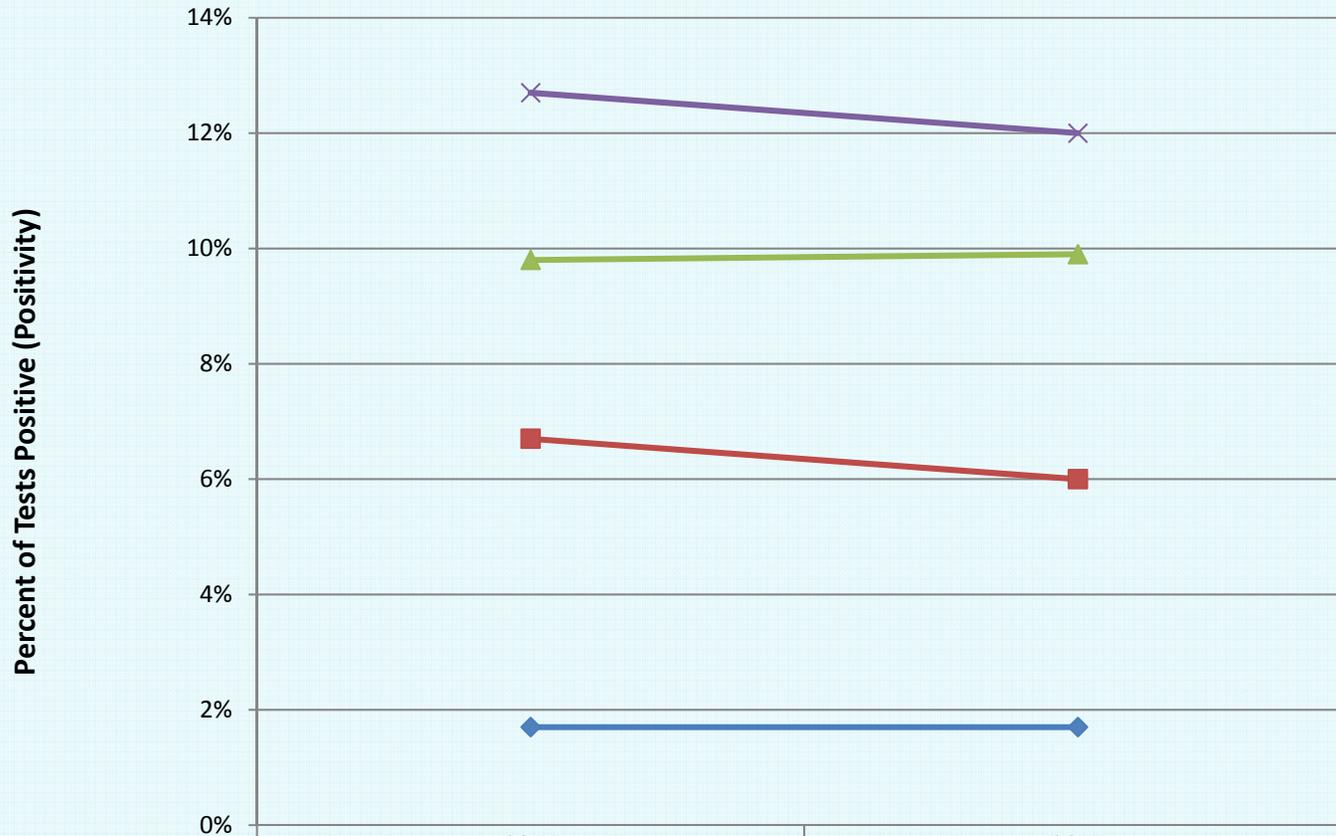


Testing ratios by sex remained relatively stable from 2014 to 2015 overall : from 61% female in 2014 to 60% female in 2015, in males from 39.2% in 2014 to 39.6% in 2015

% of tests in women <age 25 remained fairly stable from 67% in 2014 to 66% in 2015; however in males <age 25 there was a slight decrease from 45% in 2014 to 42% in 2015

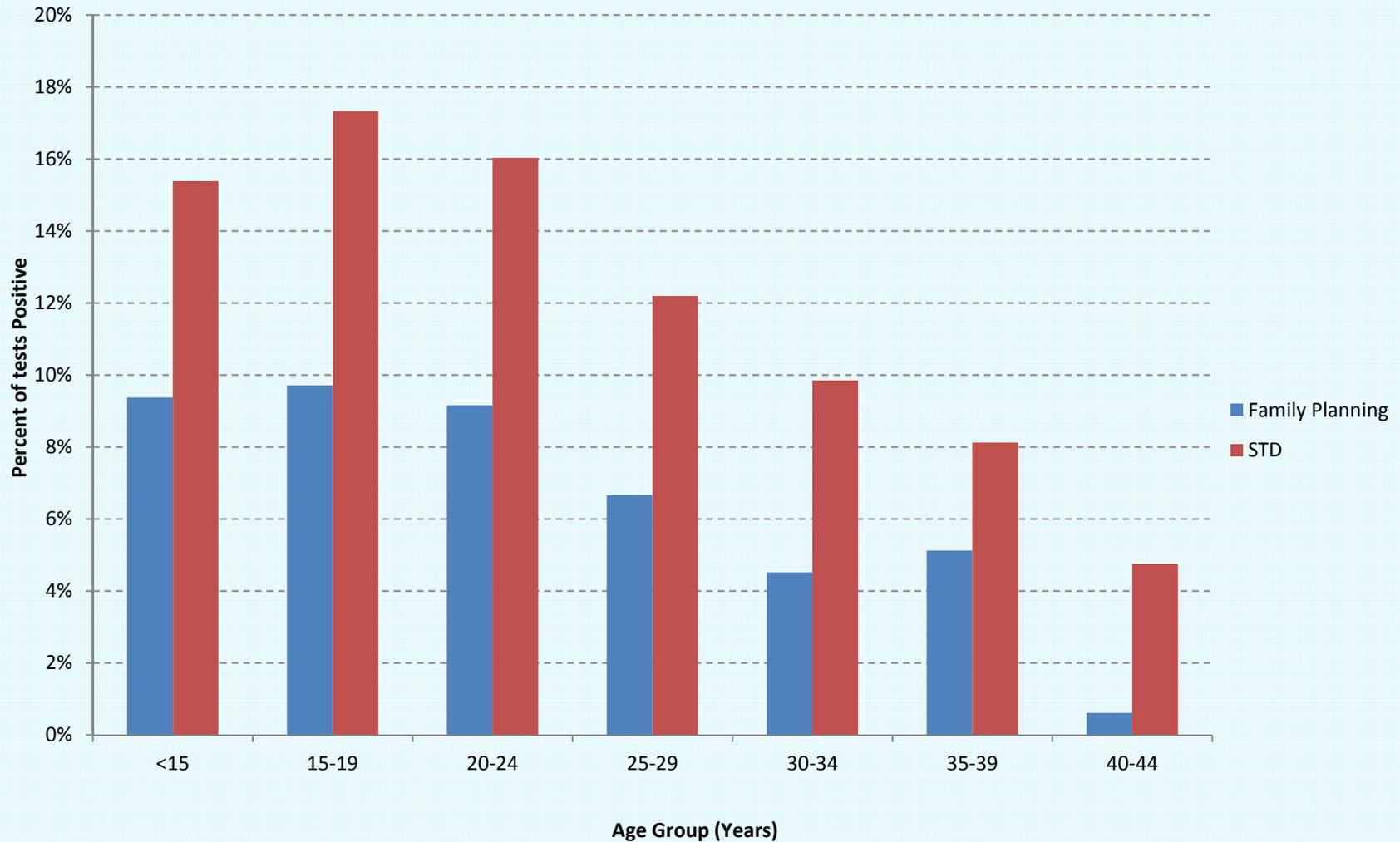
# Gonorrhea and Chlamydia Testing in NM DOH Testing Programs

# Chlamydia and Gonorrhea Positivity by Sex, all NMDOH Testing Sites, 2014-2015



	2014	2015
◆ GC Positivity - Females	1.7%	1.70%
■ GC Positivity- Males	6.7%	6.00%
▲ CT Positivity - Females	9.8%	9.90%
× CT Positivity - Males	12.7%	12.00%

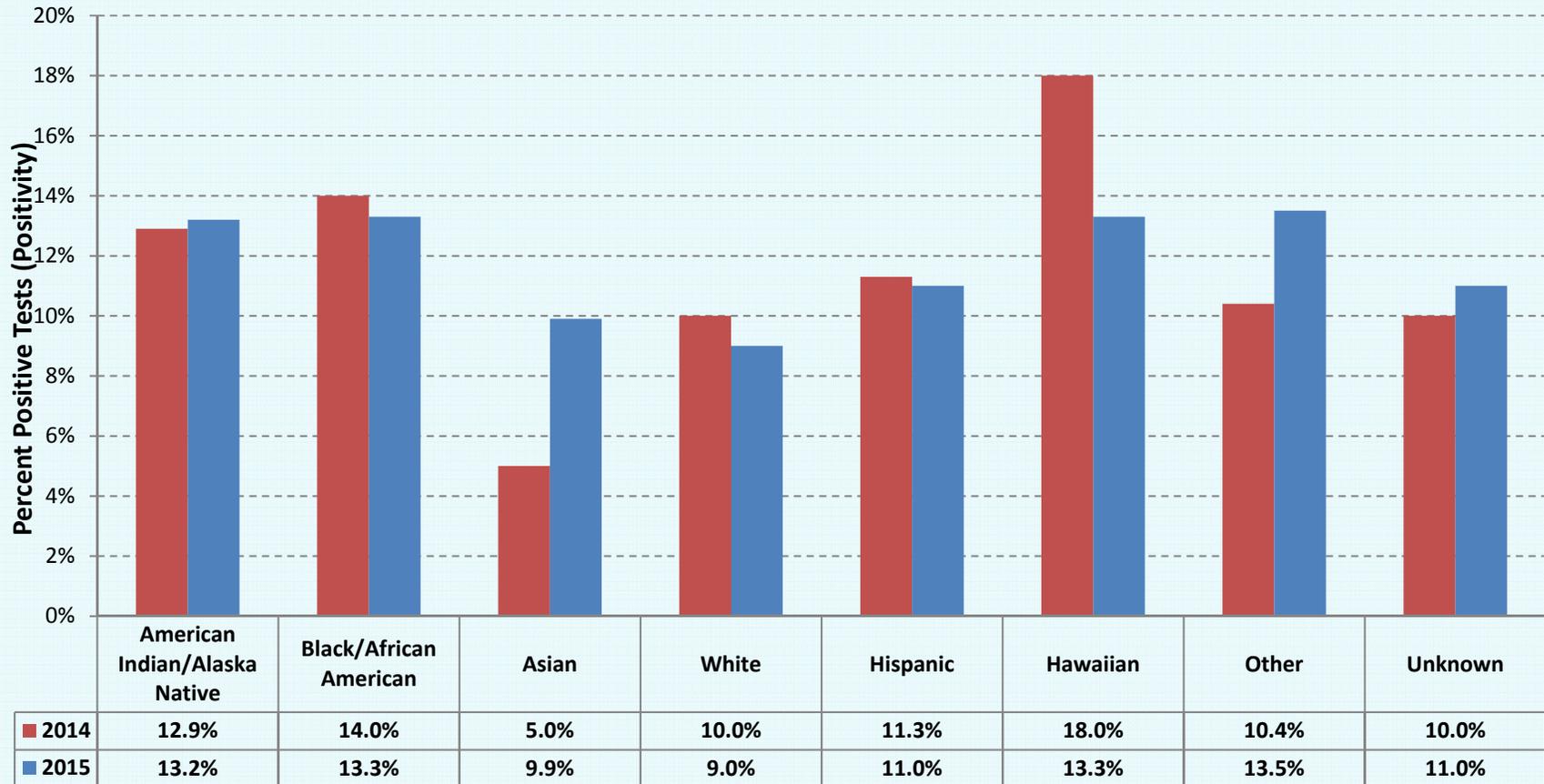
# Chlamydia Positivity by Clinic Type, Females, all NM DOH Test Sites, 2015



# Chlamydia and Gonorrhea Positivity, Females $\leq 25$ years, Tested in NMDOH Family Planning Sites, 2014-2015



# Chlamydia Positivity by Race/ Ethnicity, all NMDOH Test Sites, 2014-2015



# Gonorrhea Positivity by Race/ Ethnicity, all NMDOH Test Sites, 2014-2015

