



# New Mexico STD Program Summary Slides 2016

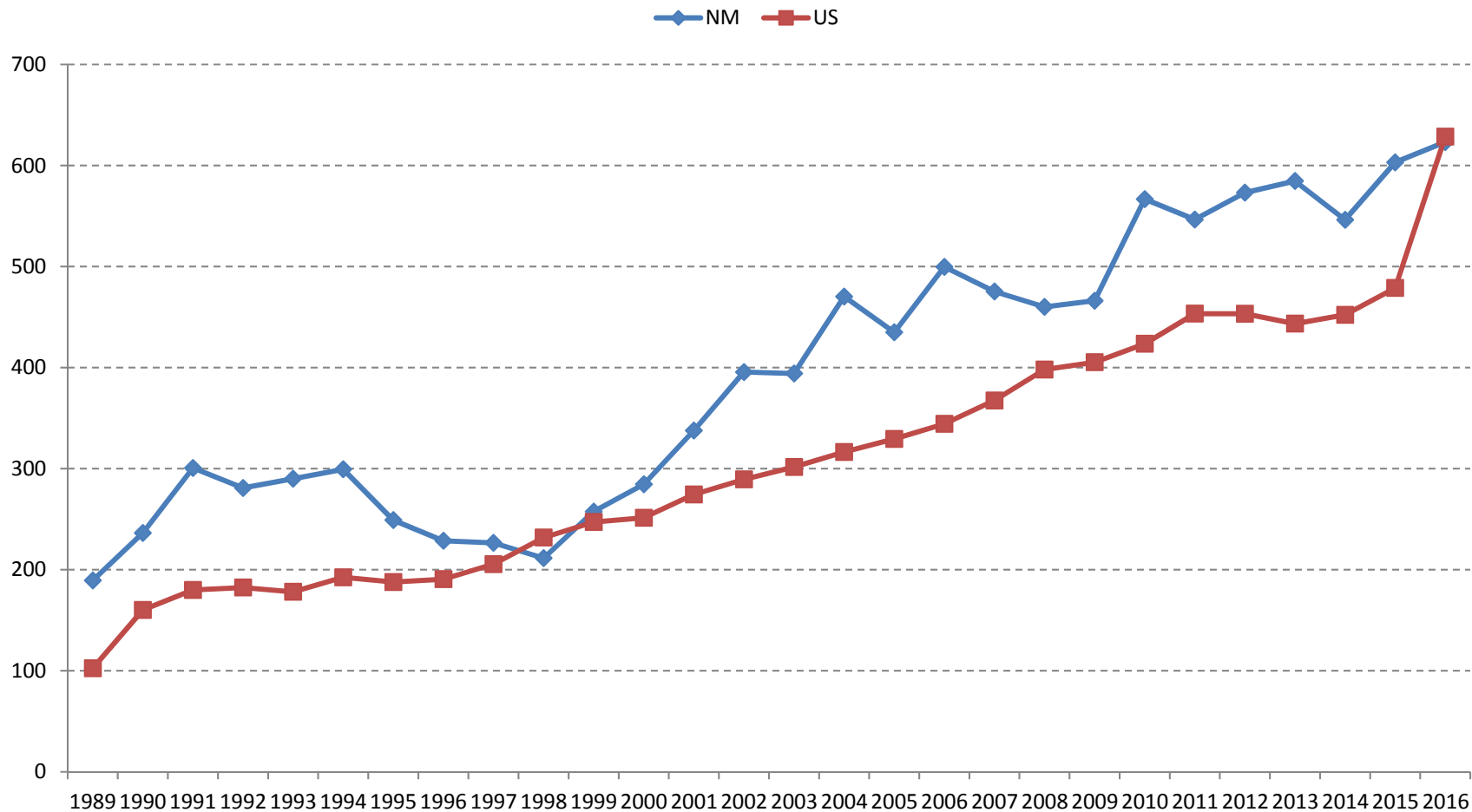
Janine Waters, STD Program Manager

Angie Bartok, Epidemiologist

Lewis Smith, Surveillance Coordinator

Cari Riley, Surveillance Coordinator

# Chlamydia Rates New Mexico and US, 1989 - 2016

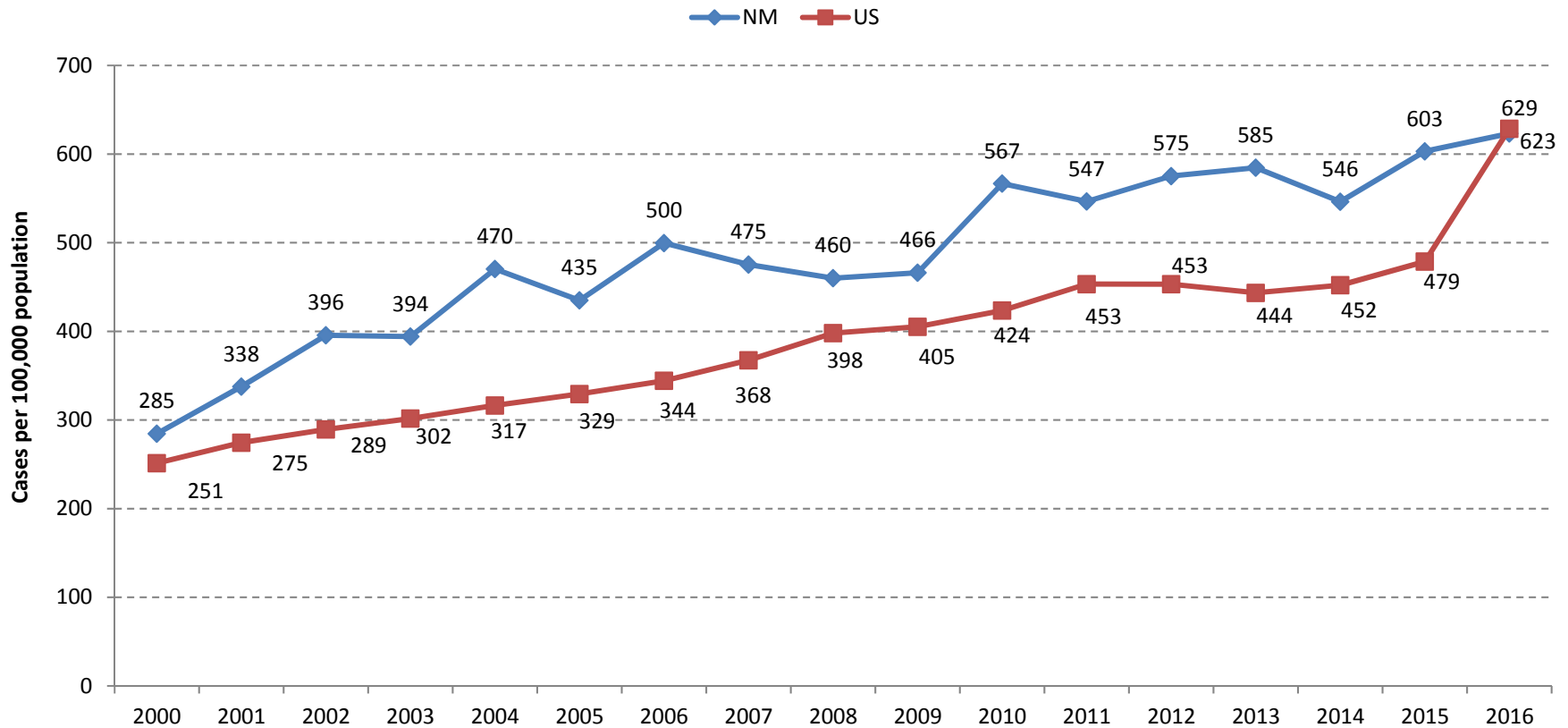


Source: PRISM and IBIS for NM Rates, CDC Surveillance Reports for US Rates



HIV, STD and Hepatitis Section • 1190 S. St. Francis Drive, Suite S1300, Santa Fe, NM 87505 • Phone: 505-476-3624 • nmhealth.org

# Chlamydia Rates, NM and US, 2000-2016

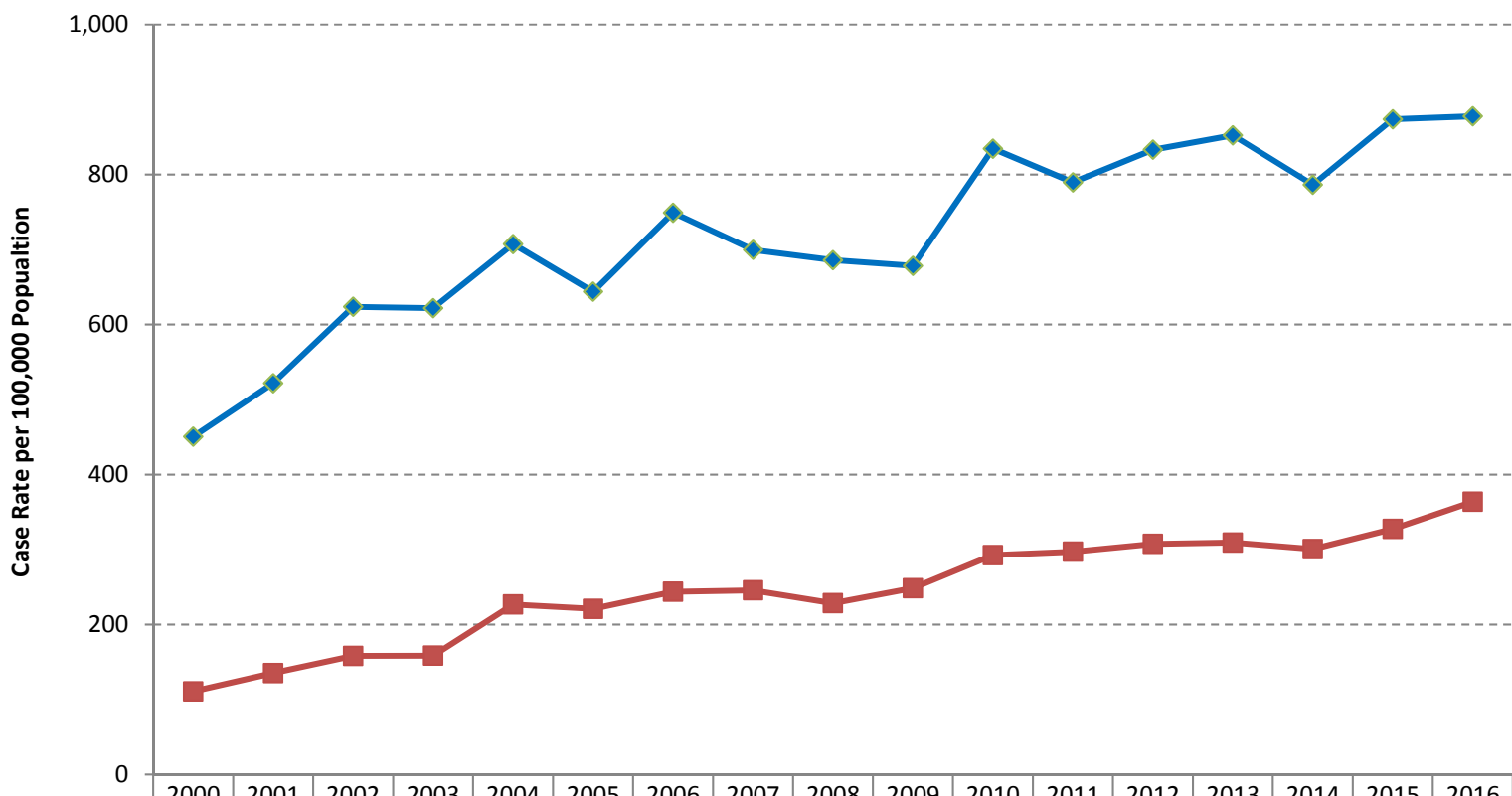


New Mexico experienced a 4.3% increase in chlamydia from 2015 to 2016. NM ranked 4th in the nation for chlamydia in 2016.

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



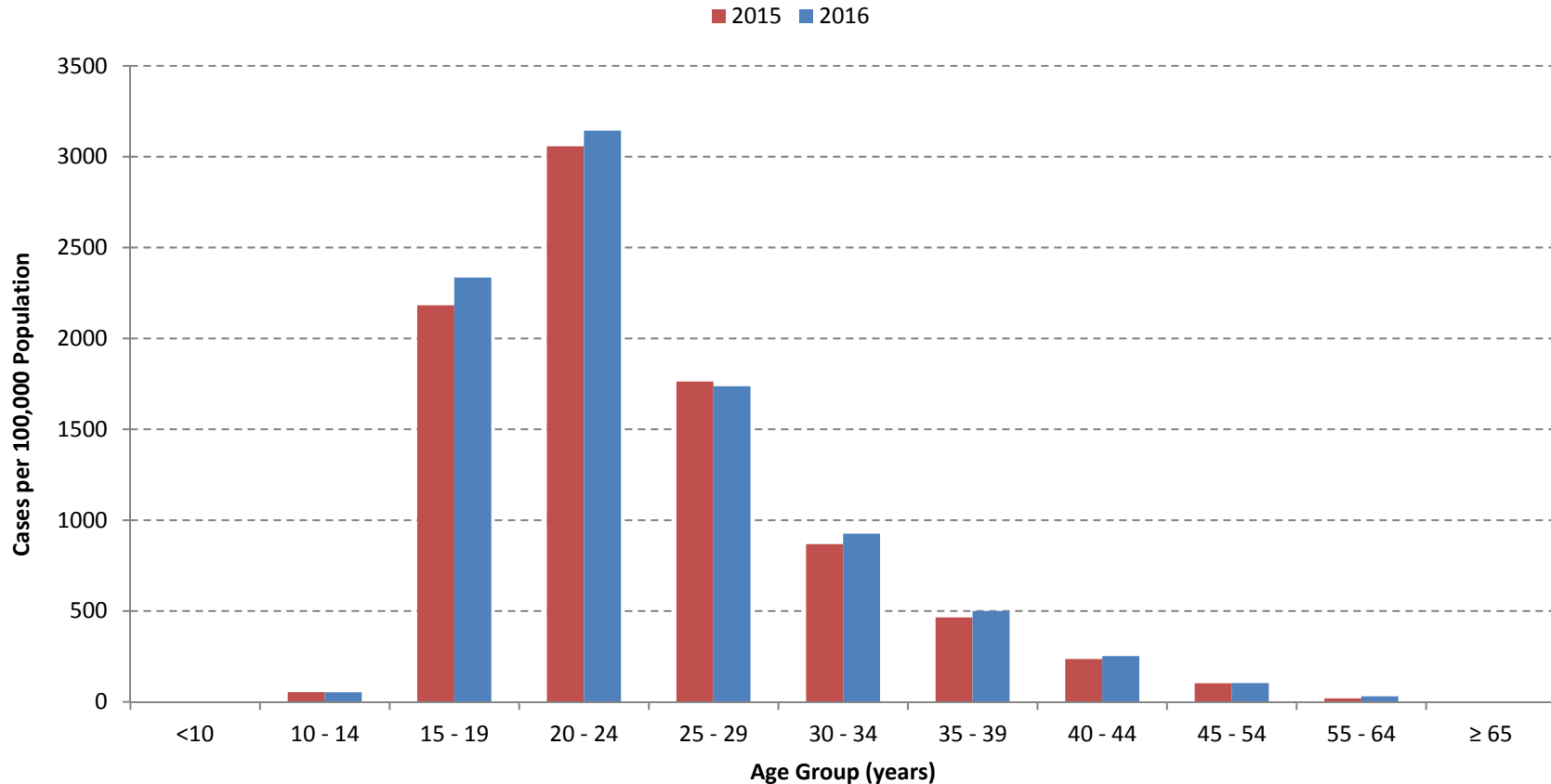
# Chlamydia Rates by Sex New Mexico, 2000 - 2016



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
NM Male CT Rate	110.9	135.3	158.1	158.5	226.7	220.9	243.7	245.7	228.5	248.5	292.6	297.2	307.5	309.3	300.6	327.4	363.7
NM Female CT Rate	450.5	521.8	623.7	621.9	707.3	643.8	749.1	699.5	685.9	678.2	834.5	789.6	833.2	852.3	786.4	873.7	877.7



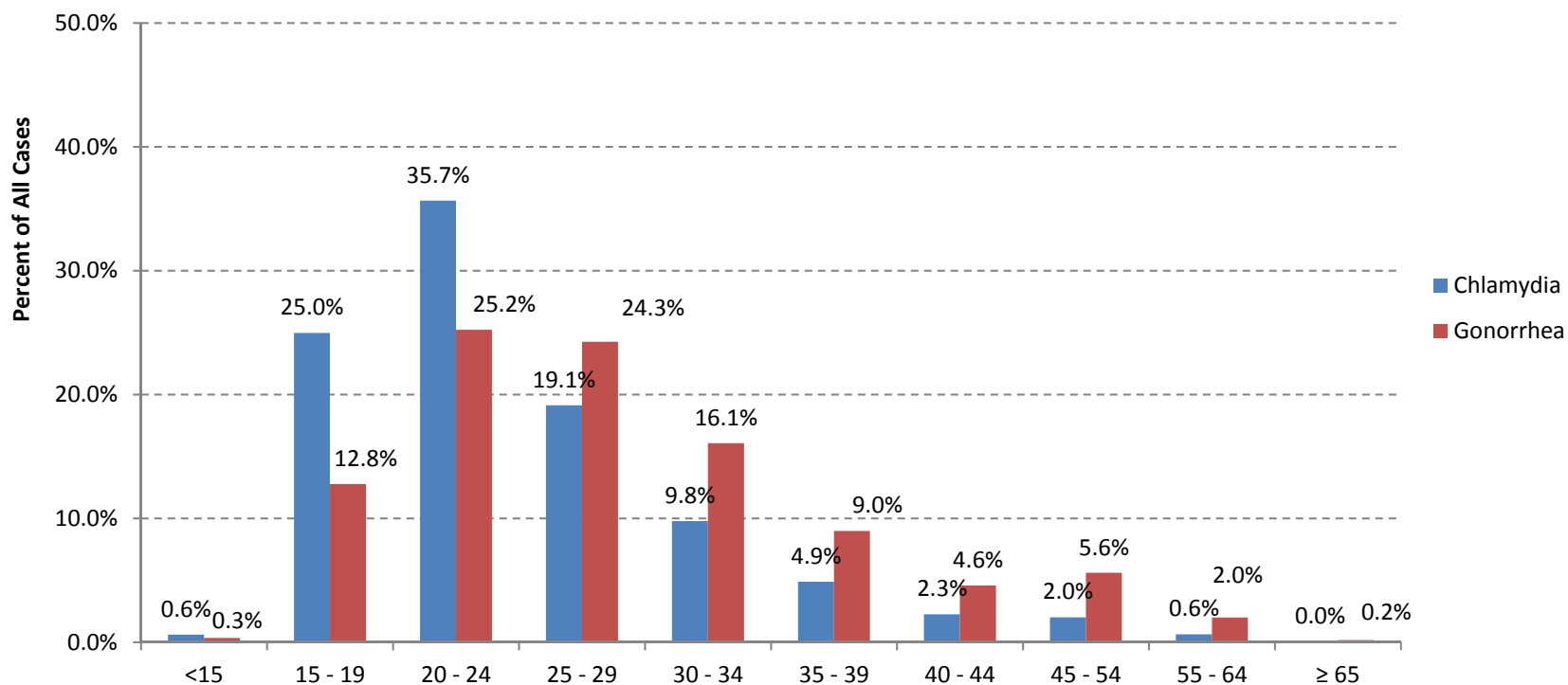
# Chlamydia Rates by Age Group New Mexico, 2015 - 2016



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



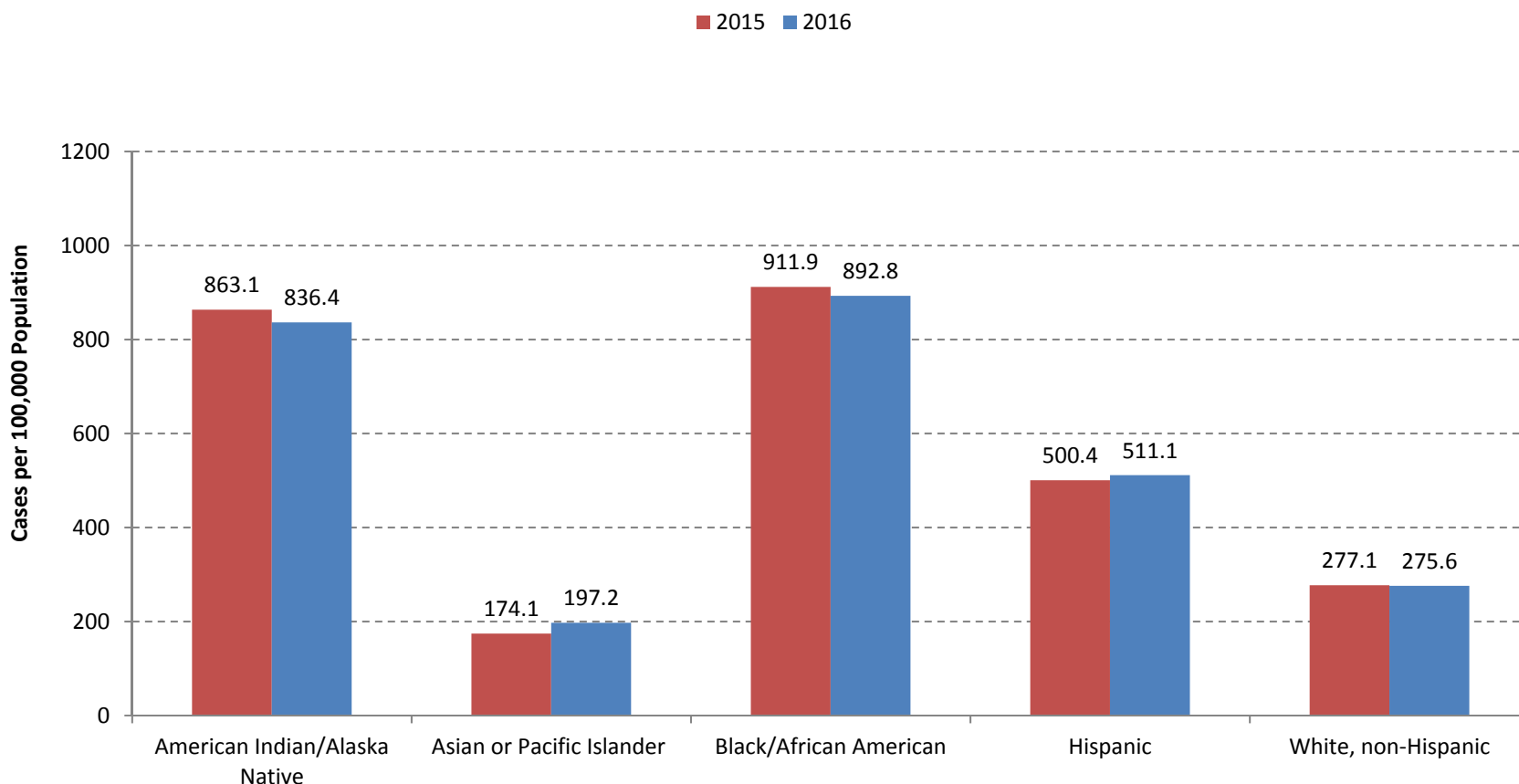
# Percent of Chlamydia and Gonorrhea Cases by Age Group, New Mexico, 2016



- 61% of reported chlamydia cases are among persons aged 15-24 years
- 38% of reported gonorrhea cases are among persons aged 15-24 years

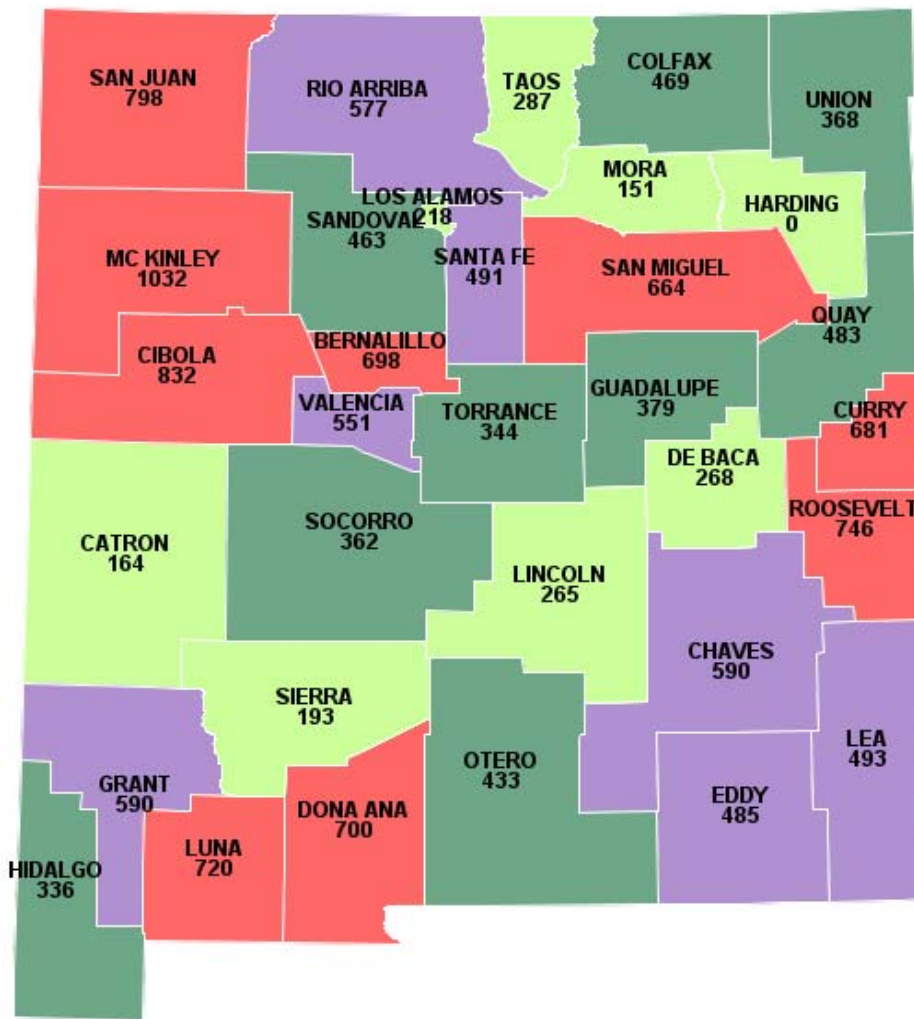


# Chlamydia Rates by Race/ Ethnicity New Mexico, 2015 - 2016

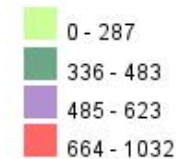


Similar to national level data, chlamydia rates show health disparities: Chlamydia disproportionately affects African American, American Indian, and Hispanic populations in New Mexico





# Chlamydia Rate per 100,000 by County, New Mexico, 2016

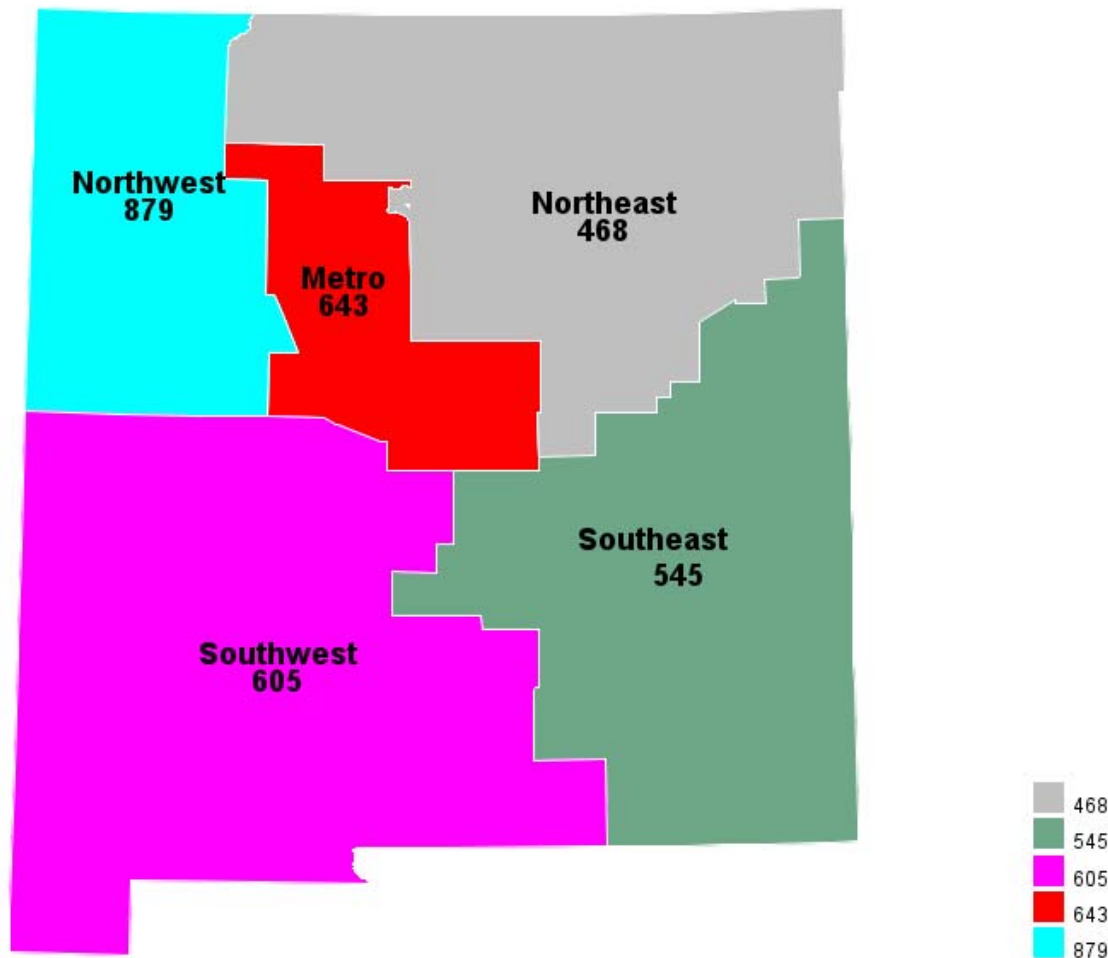


Rates per  
100,000 by  
Quartile

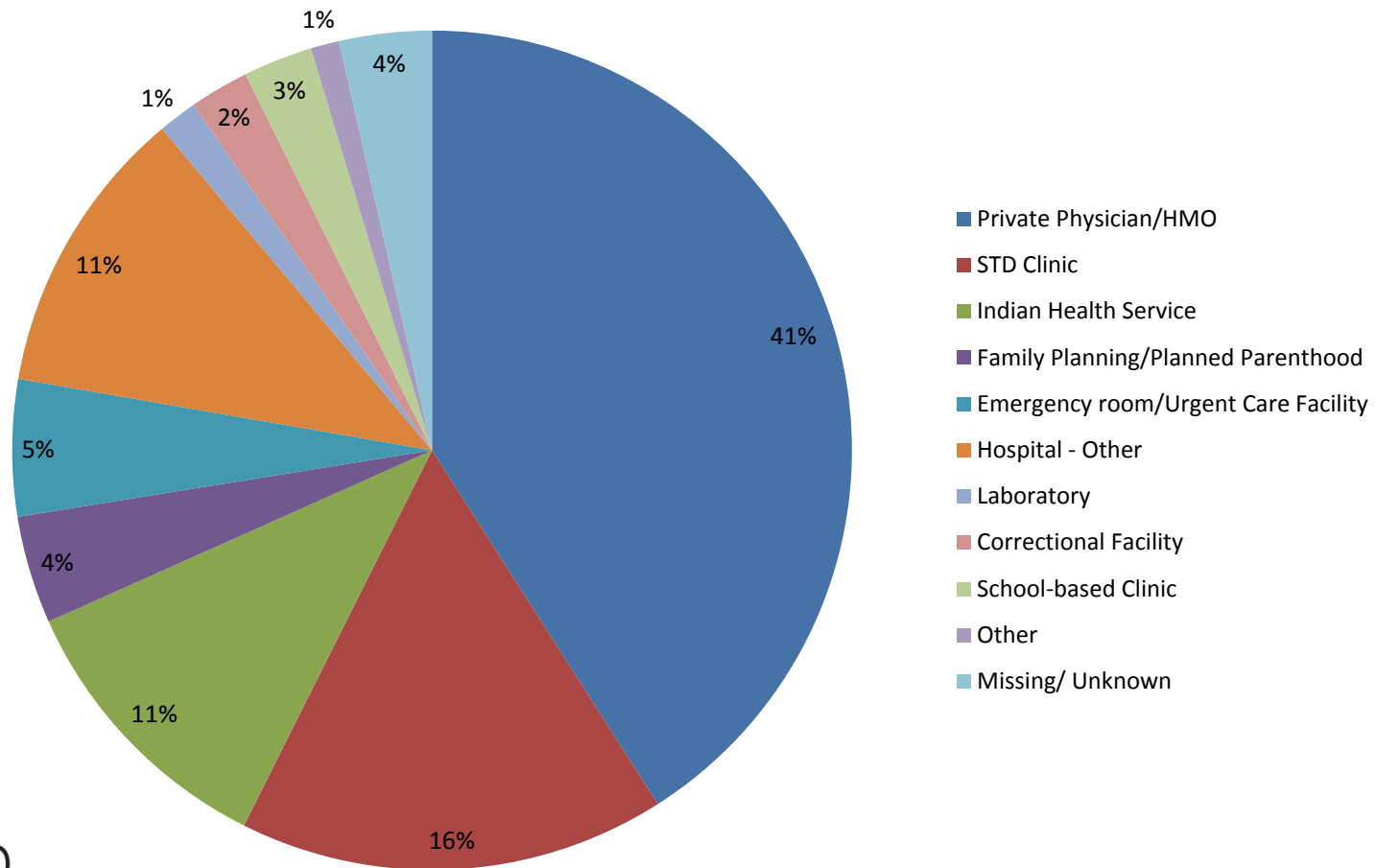




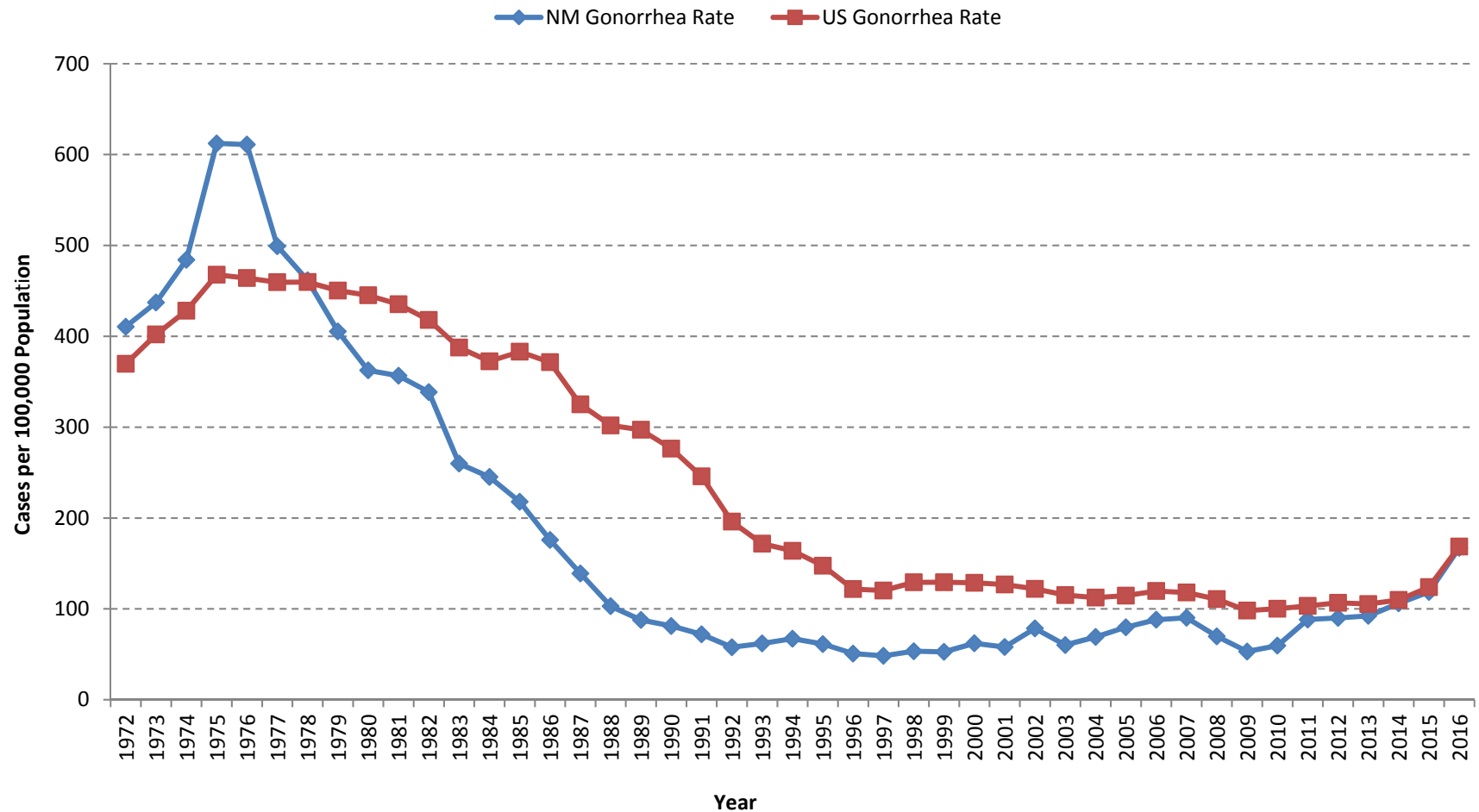
# Chlamydia Rate per 100,000 by Region, New Mexico, 2016



# Percent of Chlamydia Cases by Diagnosing Provider Type, 2016



# Gonorrhea Rates New Mexico and US, 1972 - 2016

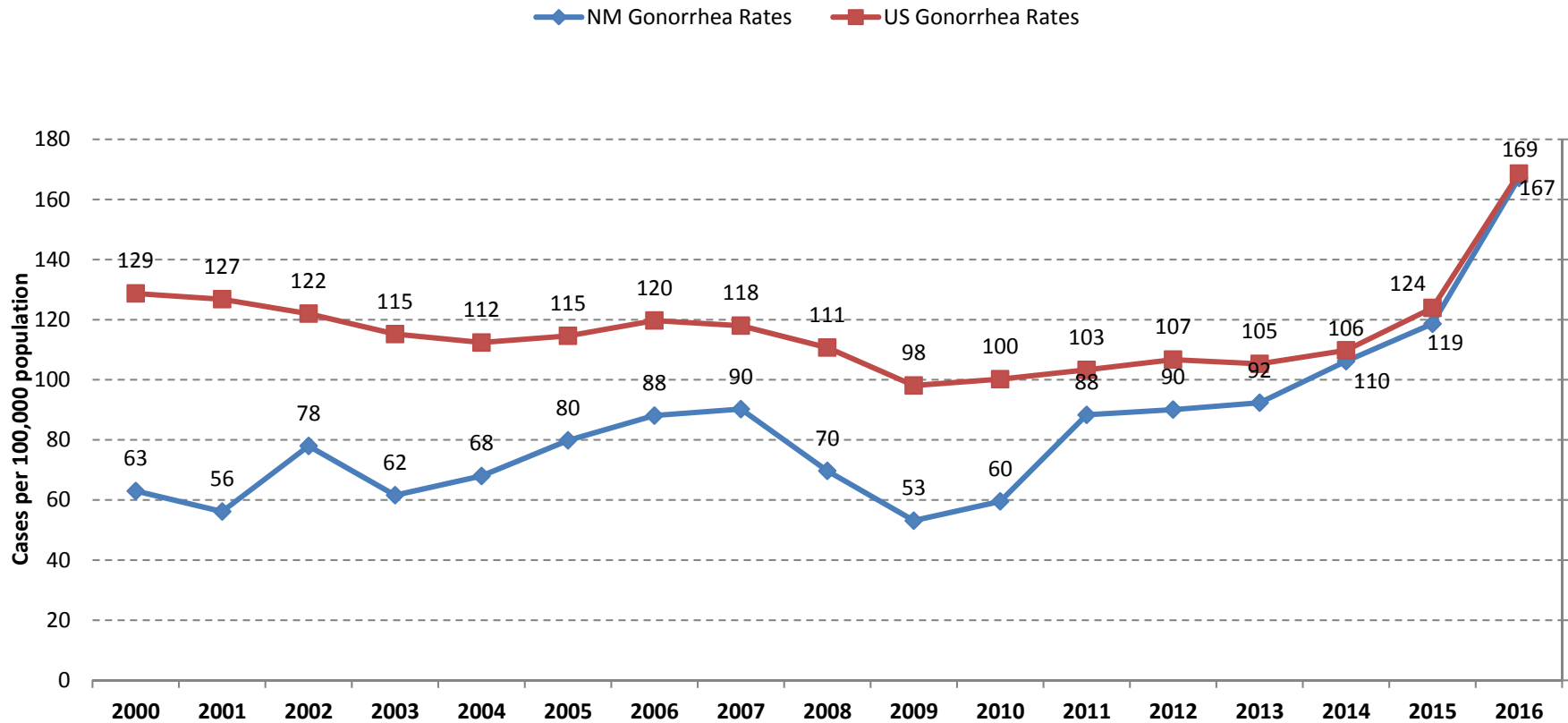


Source: PRISM for NM Rates, CDC Surveillance Reports for US Rates



HIV, STD and Hepatitis Section • 1190 S. St. Francis Drive, Suite S1300, Santa Fe, NM 87505 • Phone: 505-476-3624 • nmhealth.org

# Gonorrhea Rates, New Mexico and US, 2000-2016



- New Mexico experienced a 40% increase in gonorrhea rates from 2015 to 2016; and ranked 13th in the nation in 2016.

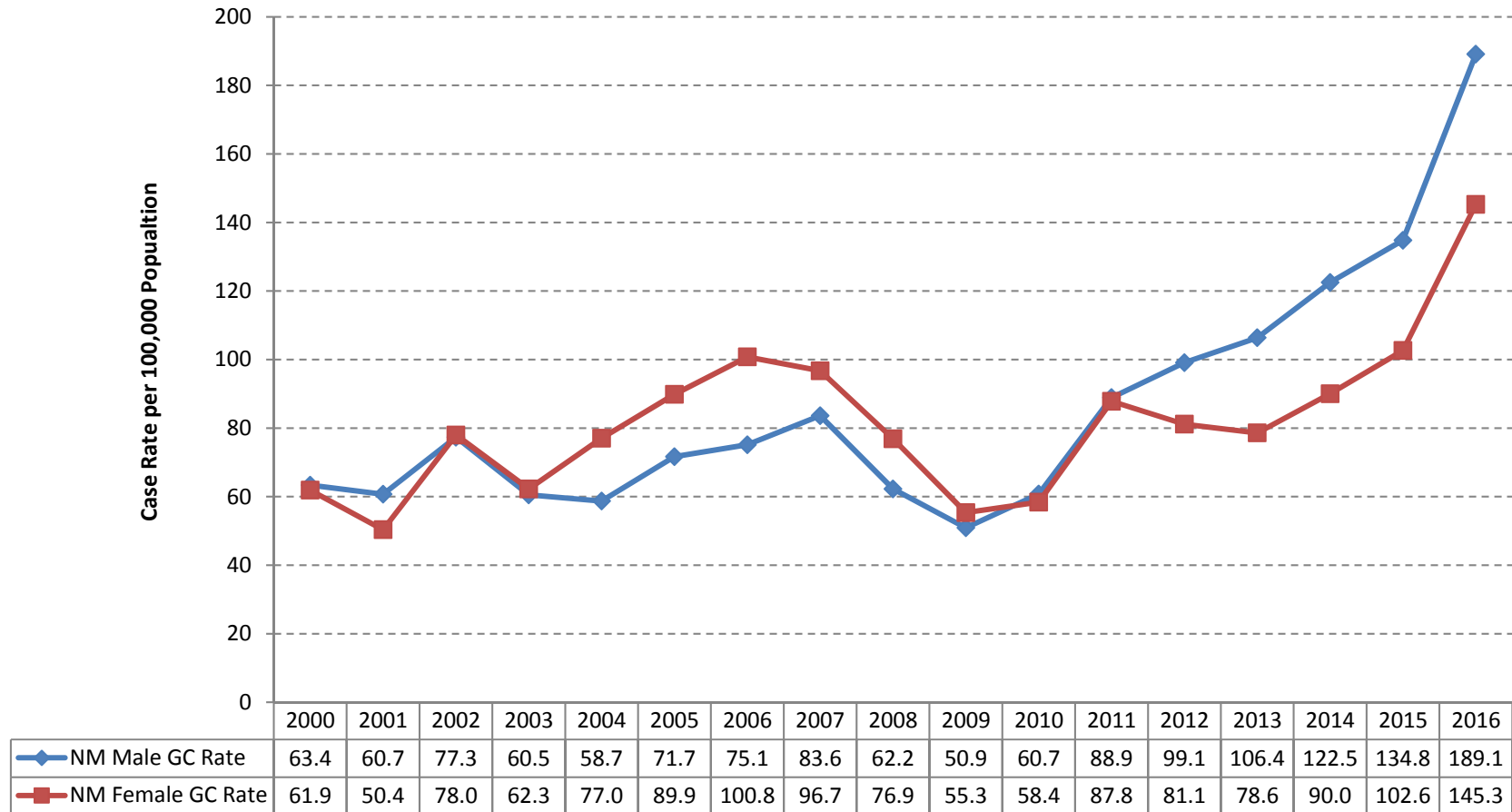


Source: PRISM for NM Rates, CDC Surveillance Reports for US Rates

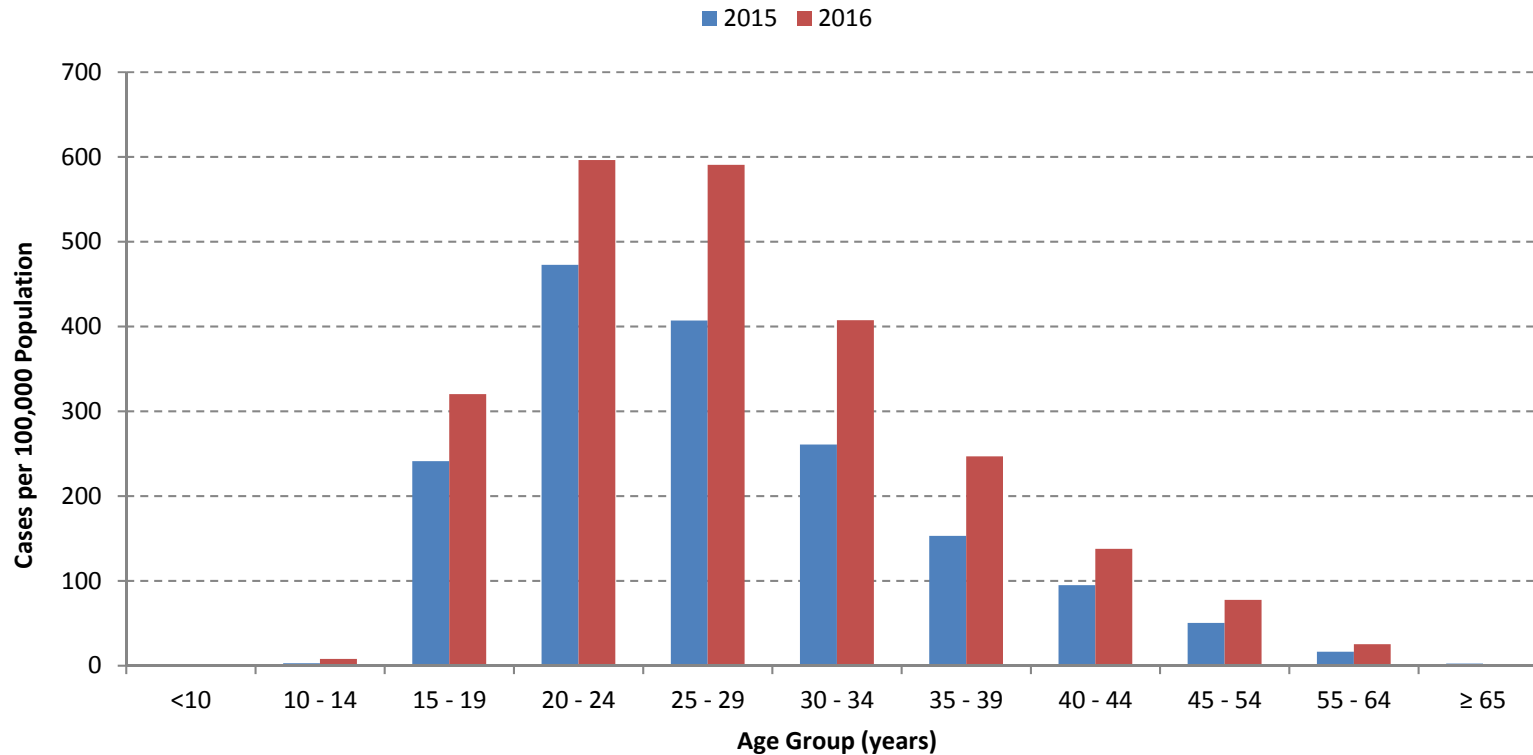


HIV, STD and Hepatitis Section • 1190 S. St. Francis Drive, Suite S1300, Santa Fe, NM 87505 • Phone: 505-476-3624 • nmhealth.org

# Gonorrhea Rates by Sex New Mexico, 2000-2016

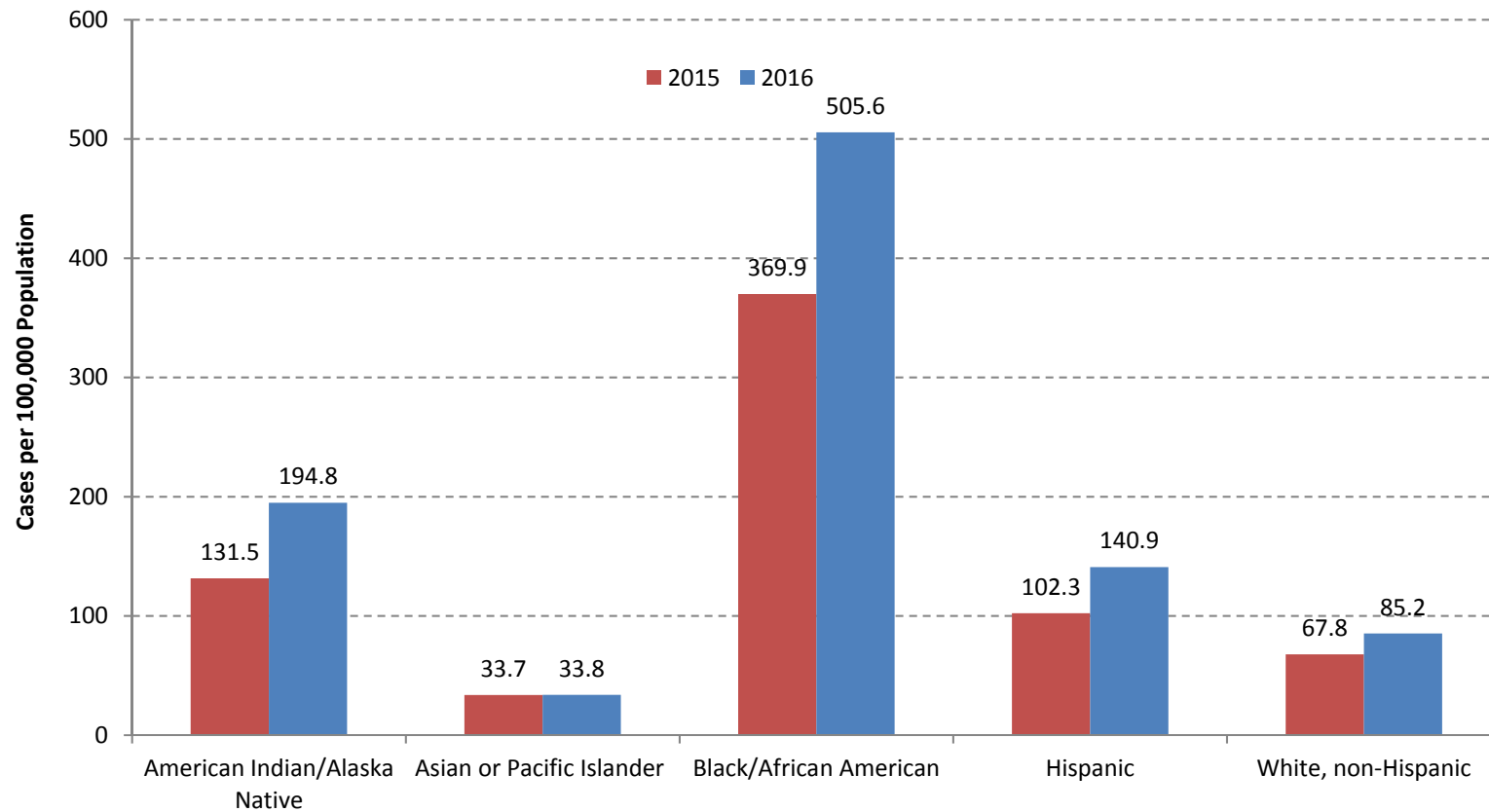


# Gonorrhea Rates by Age Group New Mexico, 2015 - 2016



- Gonorrhea rates increased overall from 2015 to 2016
- Most striking changes from 2015 to 2016:
  - Rates in 2016 among women ages 25-29 increased by 37% compared to 2015
  - Rates in 2016 among men ages 25-29 increased by 51% compared to 2015

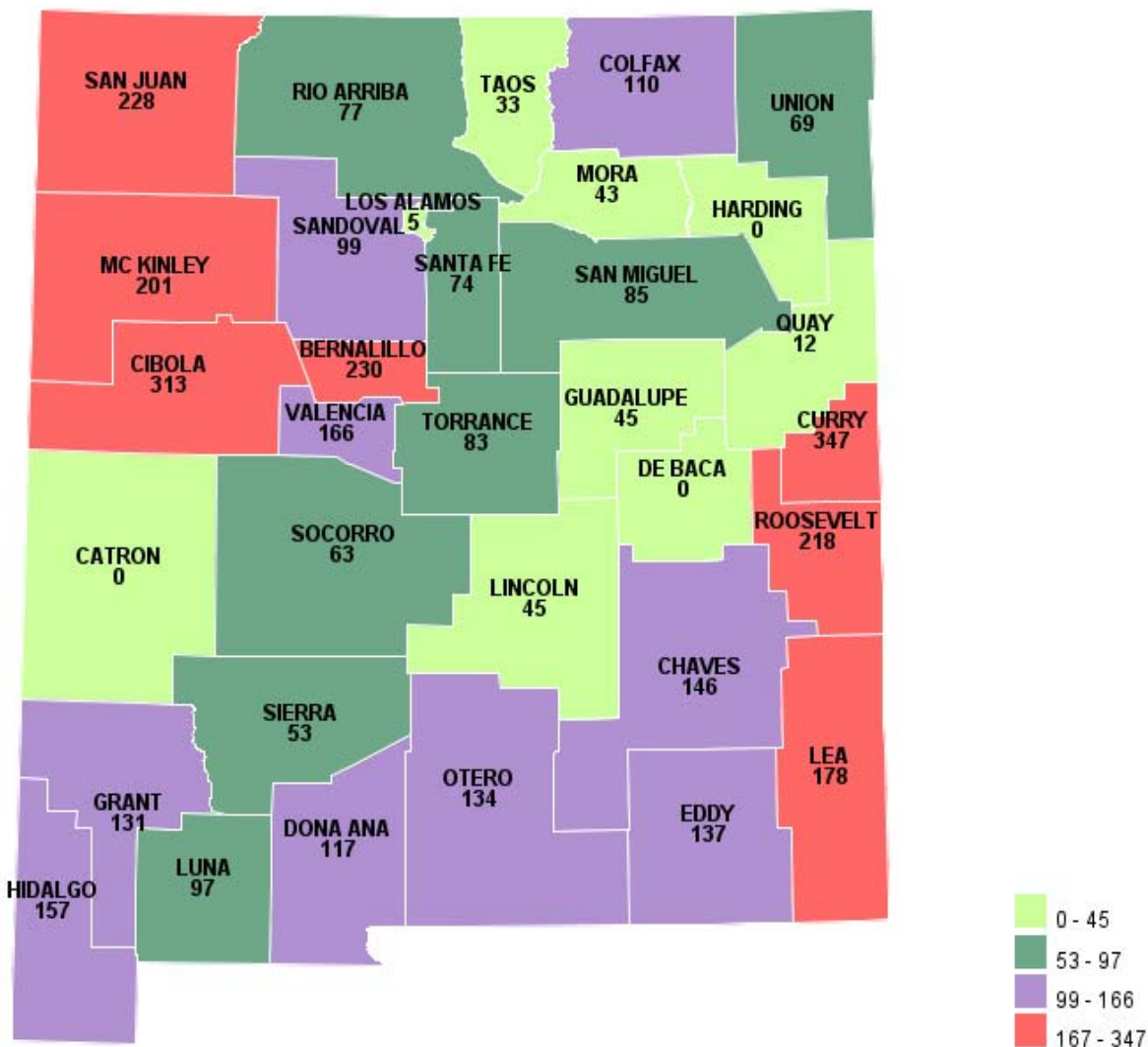
# Gonorrhea Rates by Race/ Ethnicity New Mexico, 2015 - 2016



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



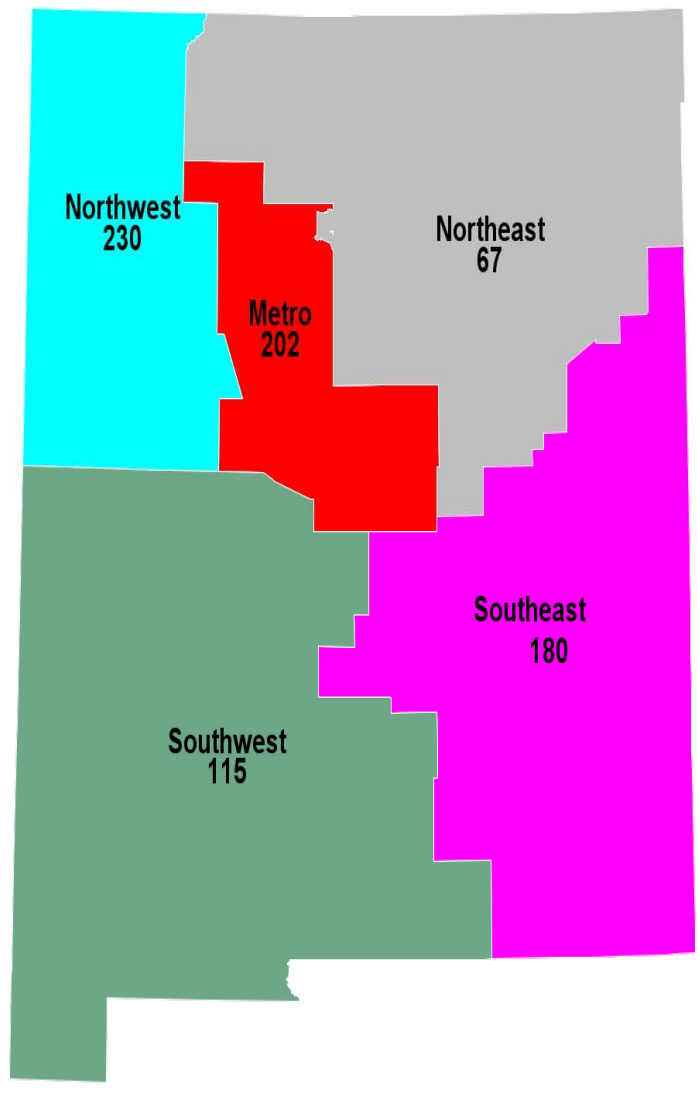
# Gonorrhea Rate per 100,000 by County, New Mexico, 2016



Rates per  
100,000 by  
Quartile



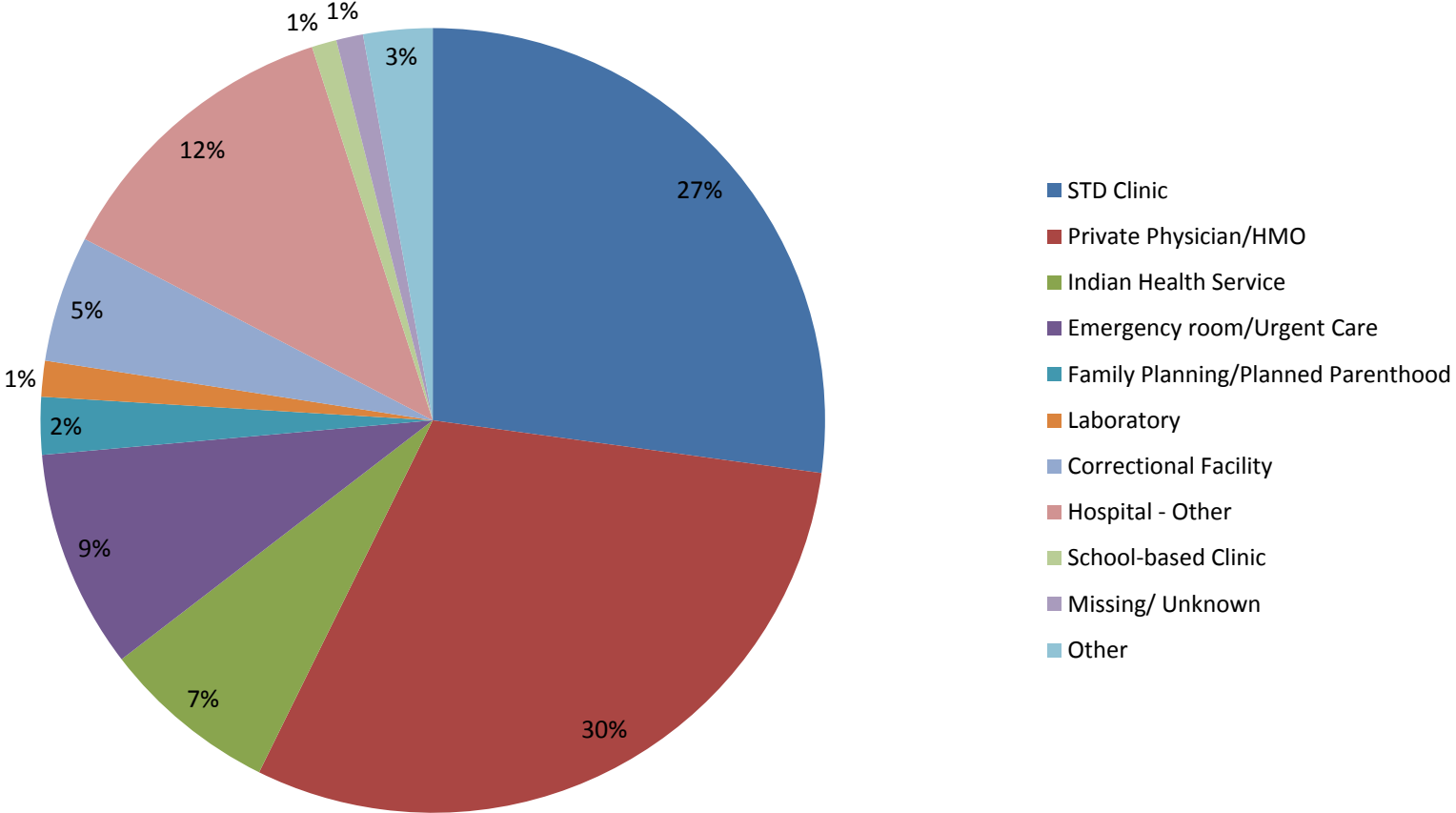




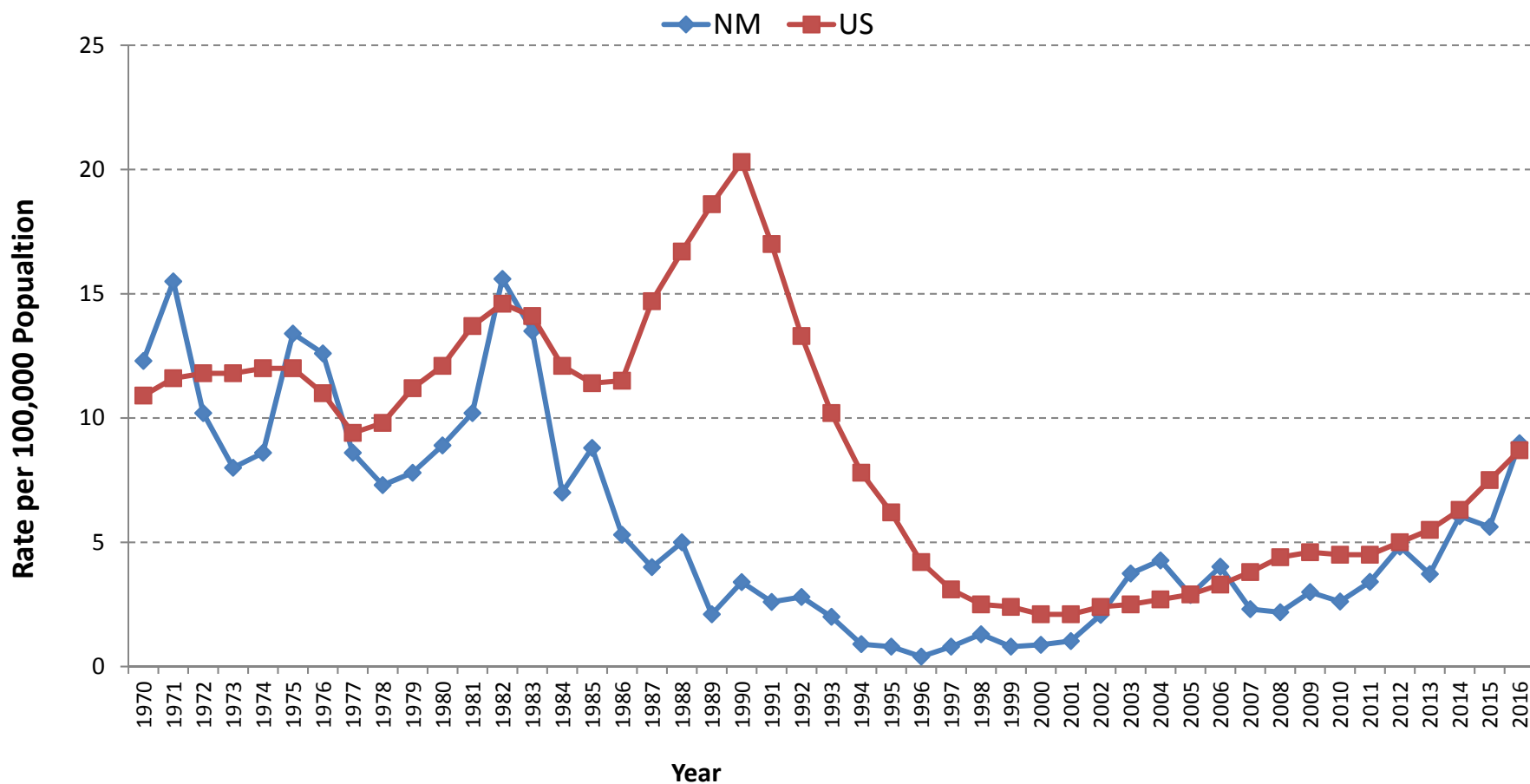
# Gonorrhea Rate per 100,000 by Region, New Mexico, 2016



# Percent of Gonorrhea Cases by Diagnosing Provider Type, New Mexico, 2016



# Primary and Secondary Syphilis Rates, New Mexico and US, 1970 - 2016

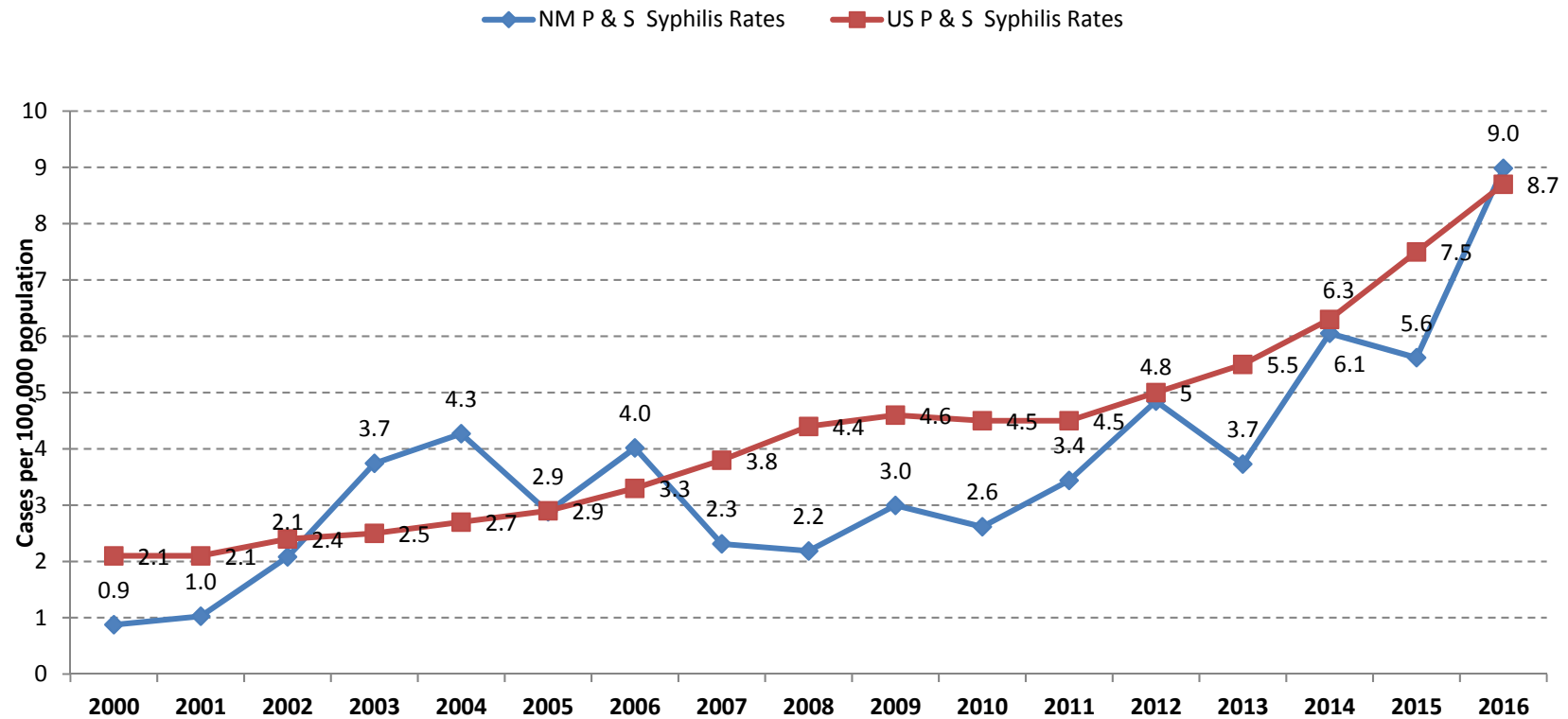


Source: PRISM for NM Rates, CDC Surveillance Reports for US Rates



HIV, STD and Hepatitis Section • 1190 S. St. Francis Drive, Suite S1300, Santa Fe, NM 87505 • Phone: 505-476-3624 • nmhealth.org

# Rates of Primary and Secondary Syphilis New Mexico and US, 2000 - 2016



Rates of primary and secondary syphilis in New Mexico have varied over the past 2 years. Between 2014 and 2015 there was an case decrease of 8%.

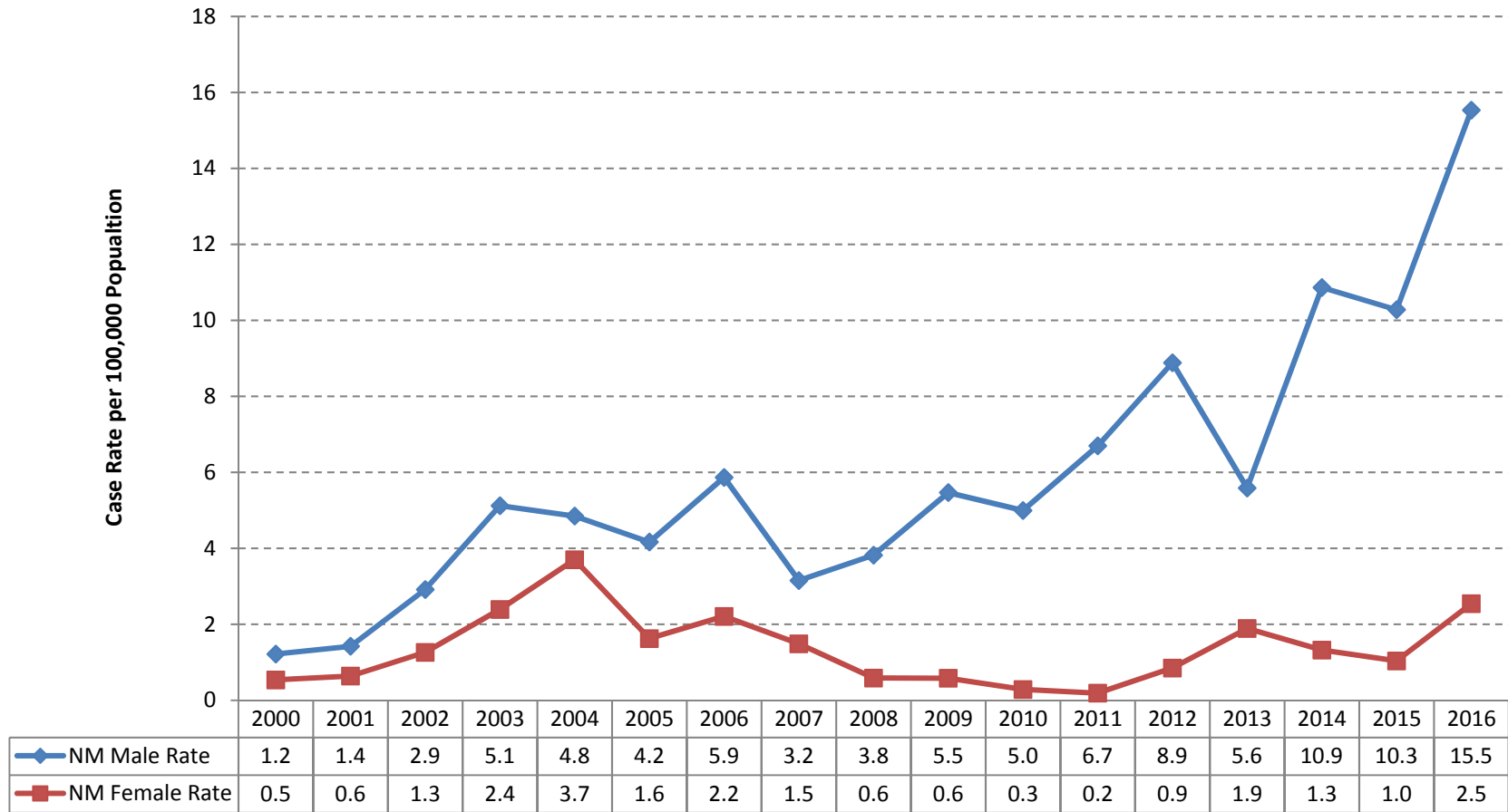
Then, between 2015 and 2016 there was a case increase of 61%. A steady increase has been seen in the US rate from 2010 to 2016. New Mexico ranked 11<sup>th</sup> in the nation for primary and secondary syphilis in 2016.



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



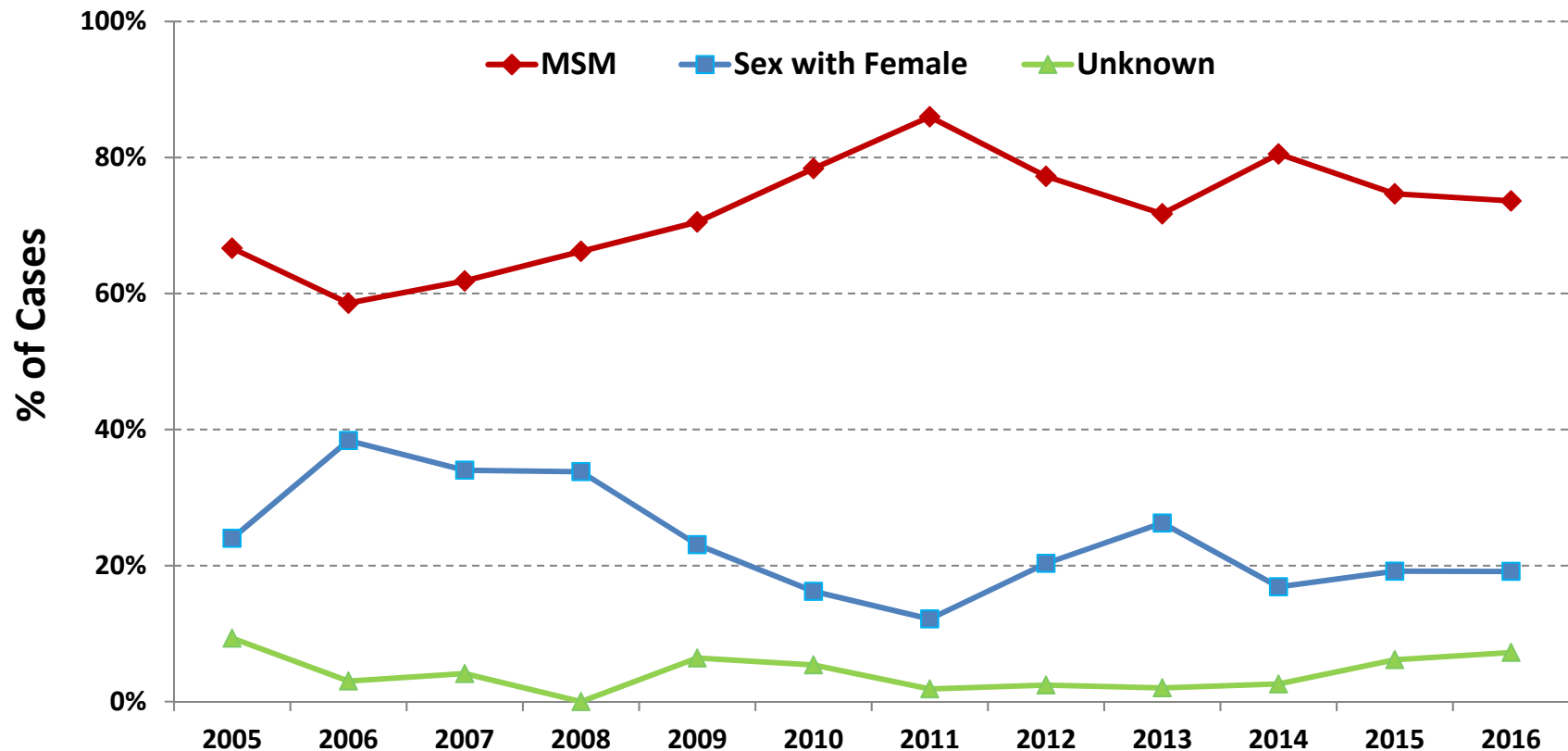
# Primary and Secondary Syphilis Cases by Sex, New Mexico, 2000-2016



86% of all reported primary and secondary syphilis cases in 2016 were male

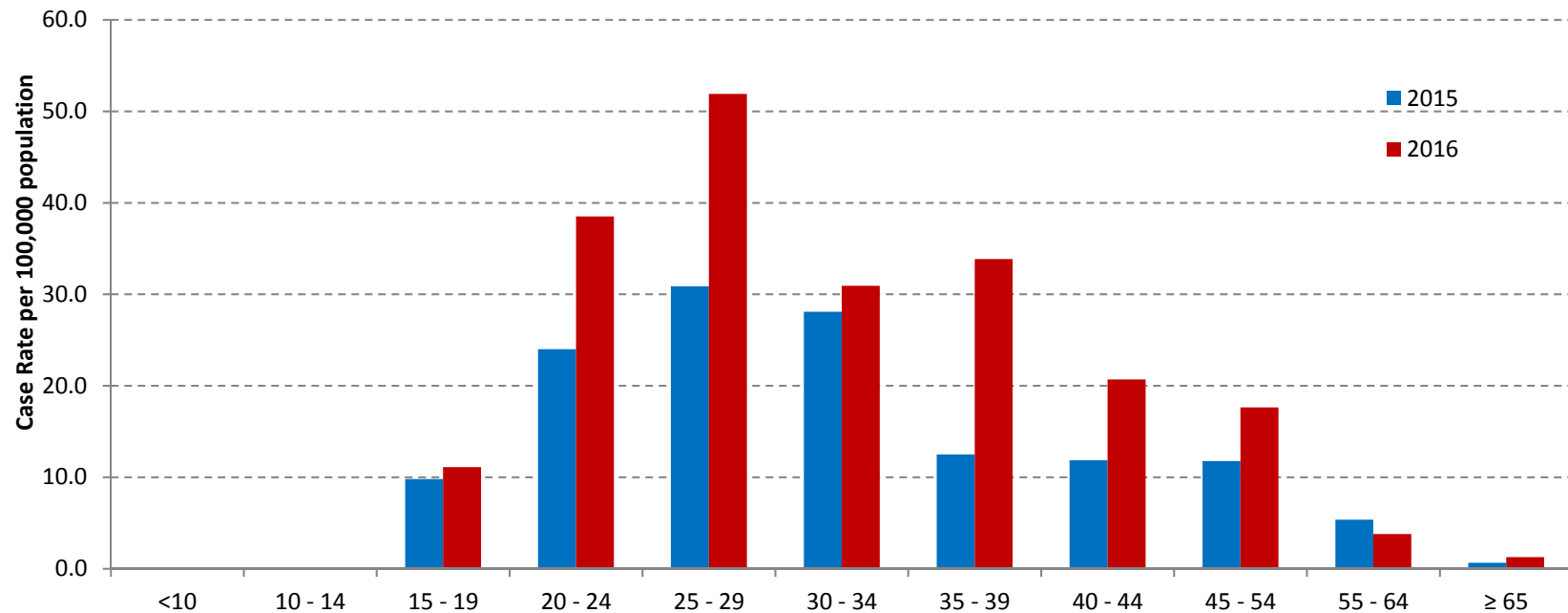


# Percentage of cases of Primary, Secondary, and Early Latent Syphilis Among Men, by Gender of Partner New Mexico, 2005 - 2016



Of all male cases of syphilis in 2016, where gender of partner was known, 81% of cases were men with male sex partners (MSM). The percent that had sex with female(s) was 18% in 2016, compared to 17% in 2015.

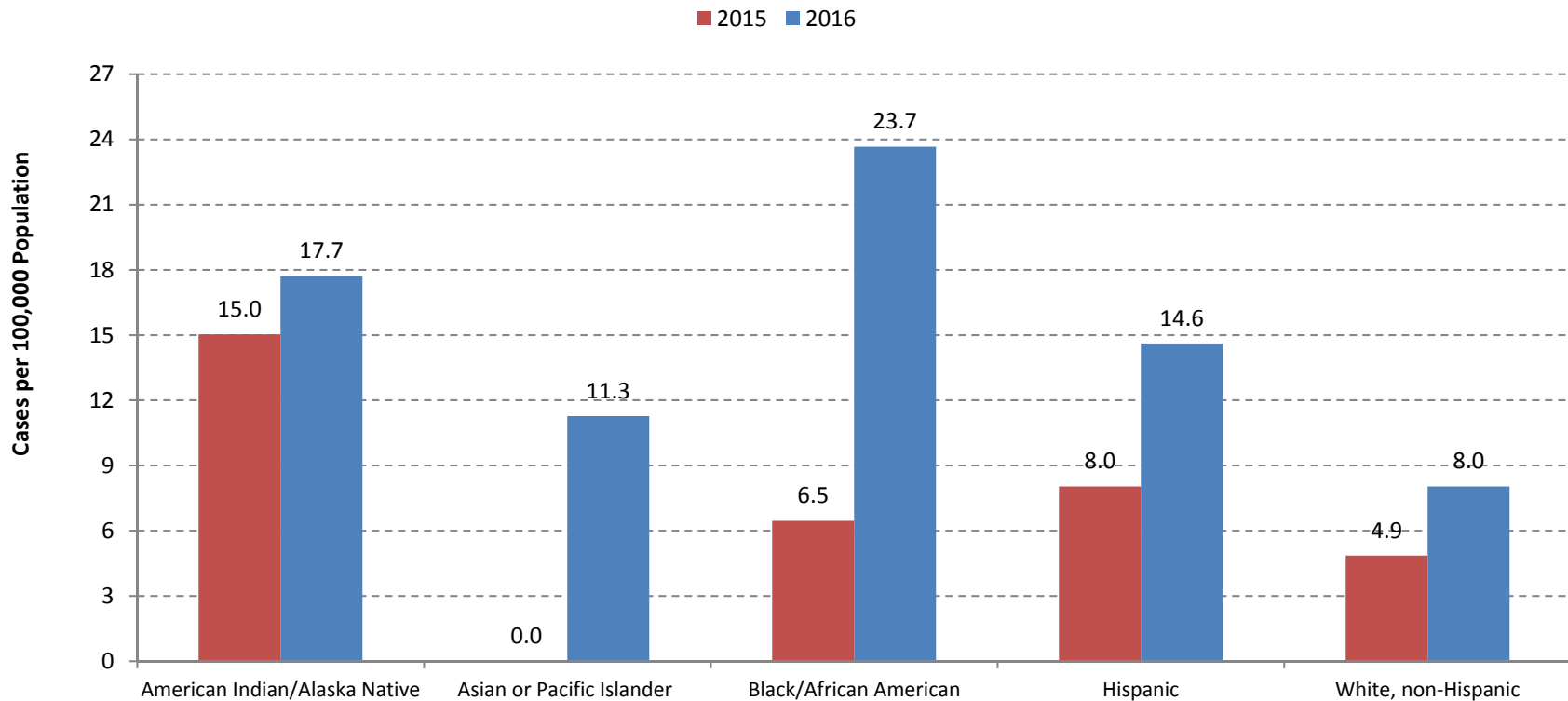
# Primary, Secondary, and Early Latent Syphilis Rates by Age Group, Males New Mexico, 2015-2016



Compared to 2015, there was an increase in P,S, and EL syphilis rates among men age 20-24 and 25-29 years old in 2016

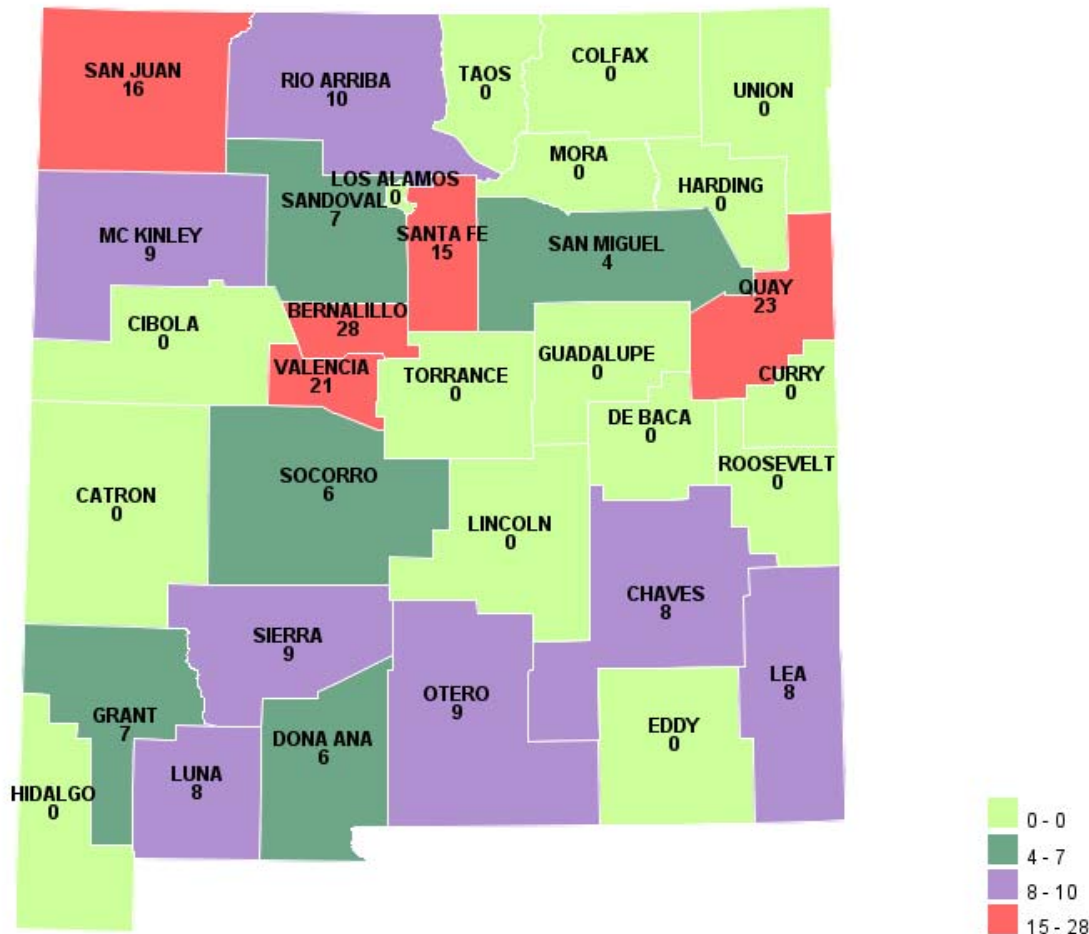


# Primary, Secondary, and Early Latent Syphilis Rates by Race/Ethnicity, NM, 2015 – 2016





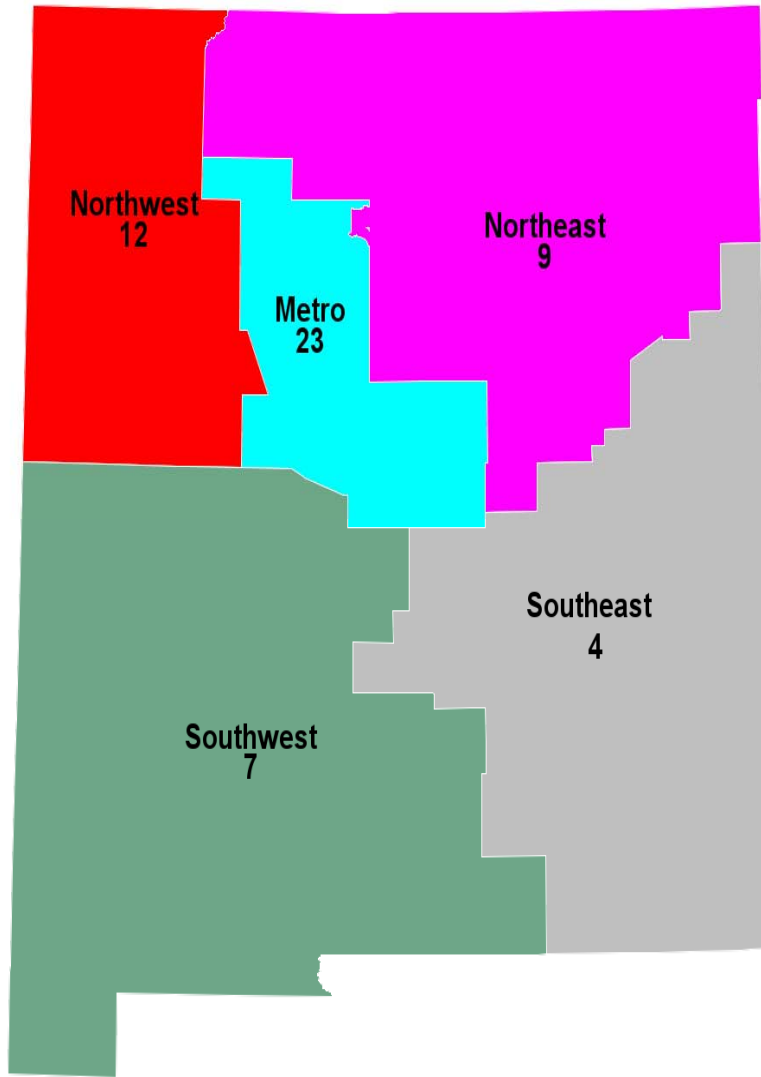
# Primary, Secondary, and Early Latent Syphilis Rates by County, New Mexico, 2016



Rates per 100,000 by Quartile



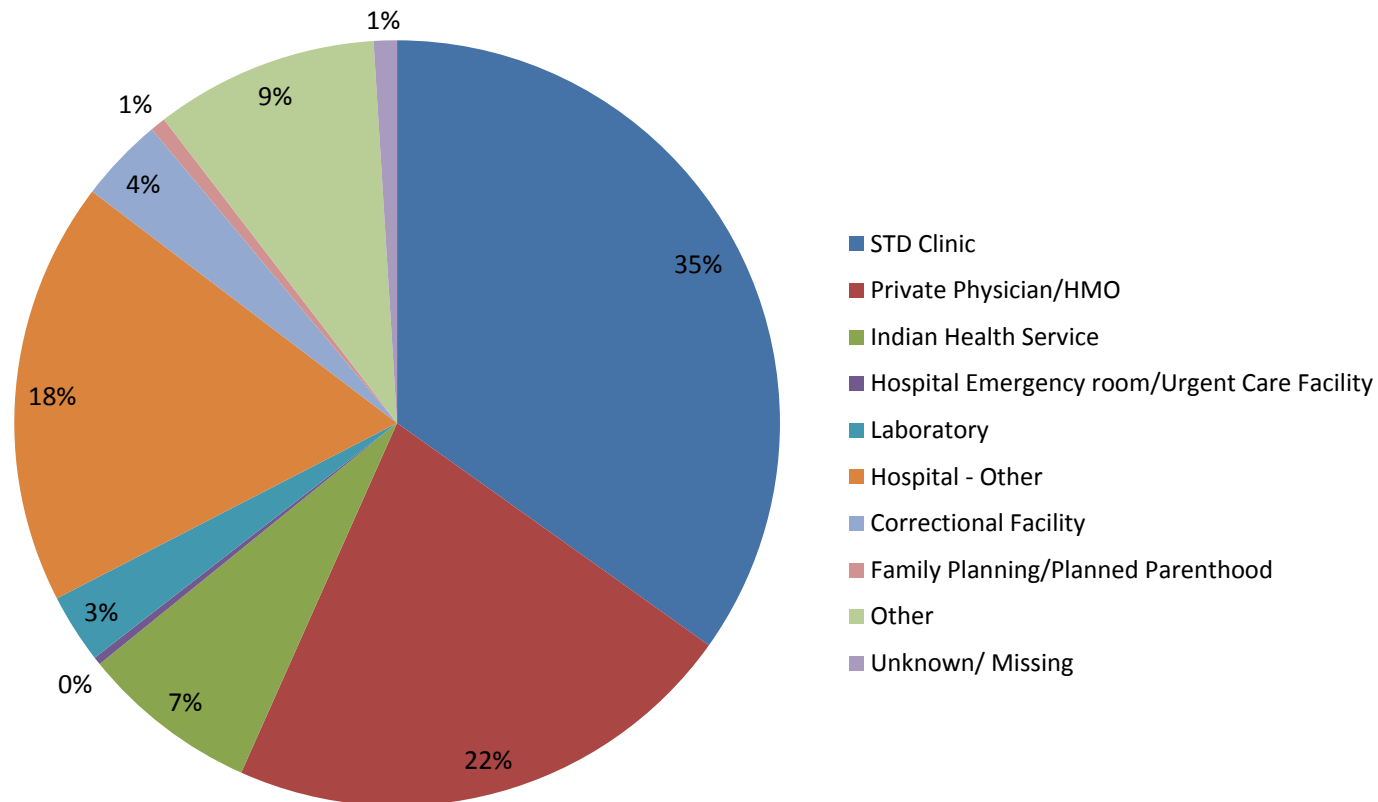
HIV, STD and Hepatitis Section • 1190 S. St. Francis Drive, Suite S1300, Santa Fe, NM 87505 • Phone: 505-476-3624 • nmhealth.org



# Syphilis Rate per 100,000 by Region, New Mexico, 2016



# Percent of Primary, Secondary and Early Latent Syphilis Cases by Diagnosing Provider New Mexico, 2016

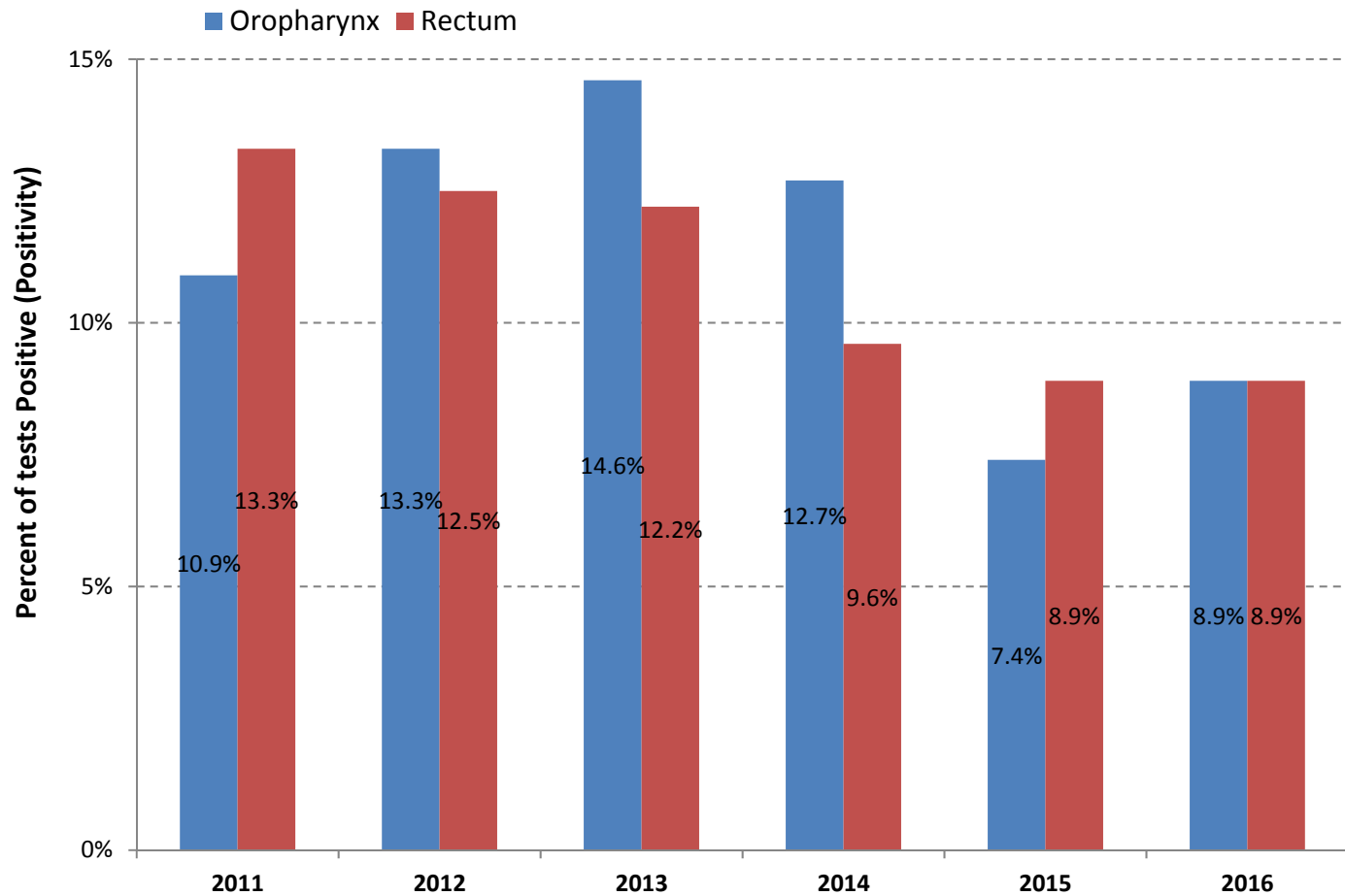




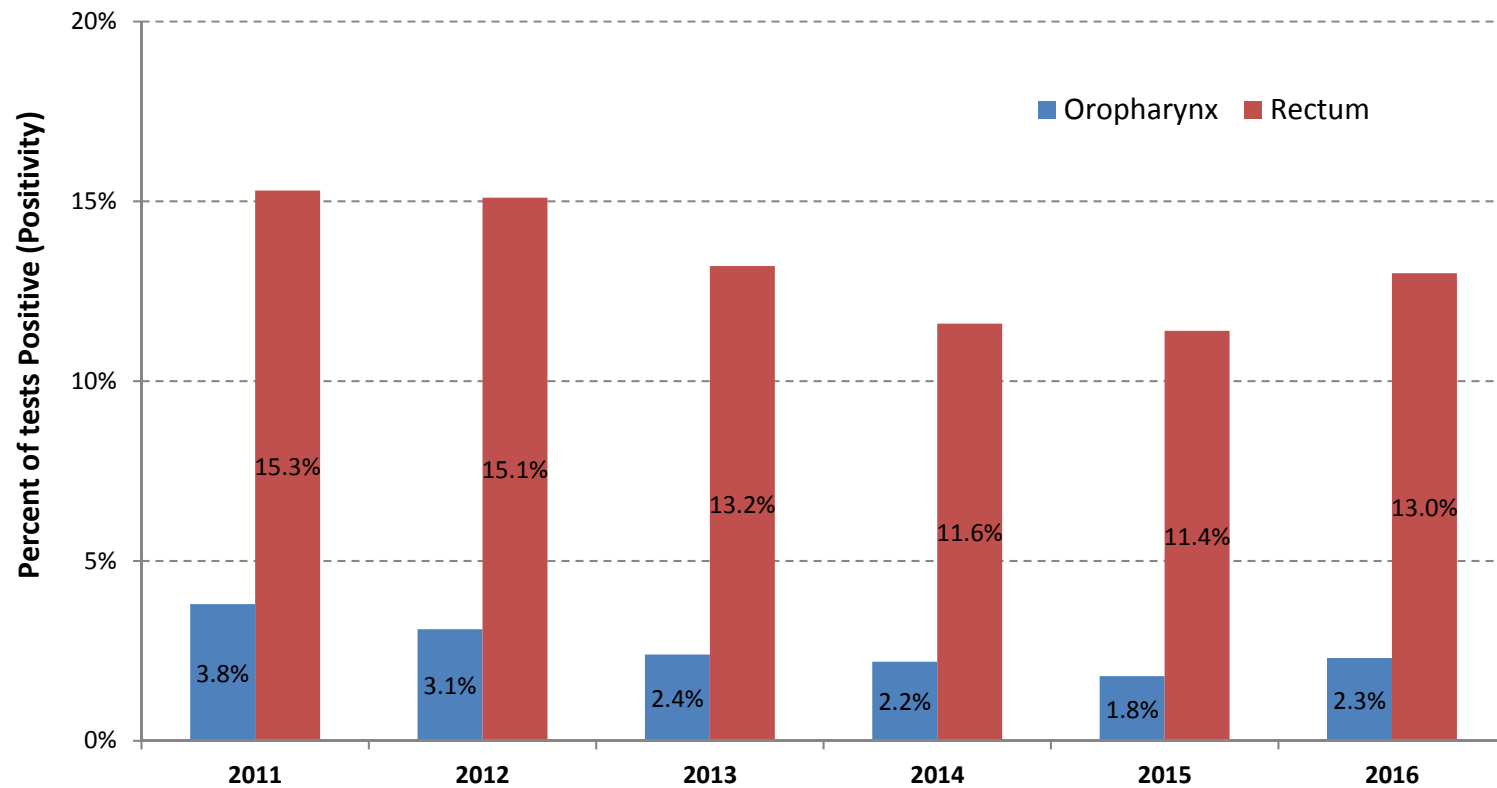
Men with Male Sex Partners (MSM)

# Special Populations

# GC Positivity among Men Tested at Alternate Sites, New Mexico, 2011 - 2016

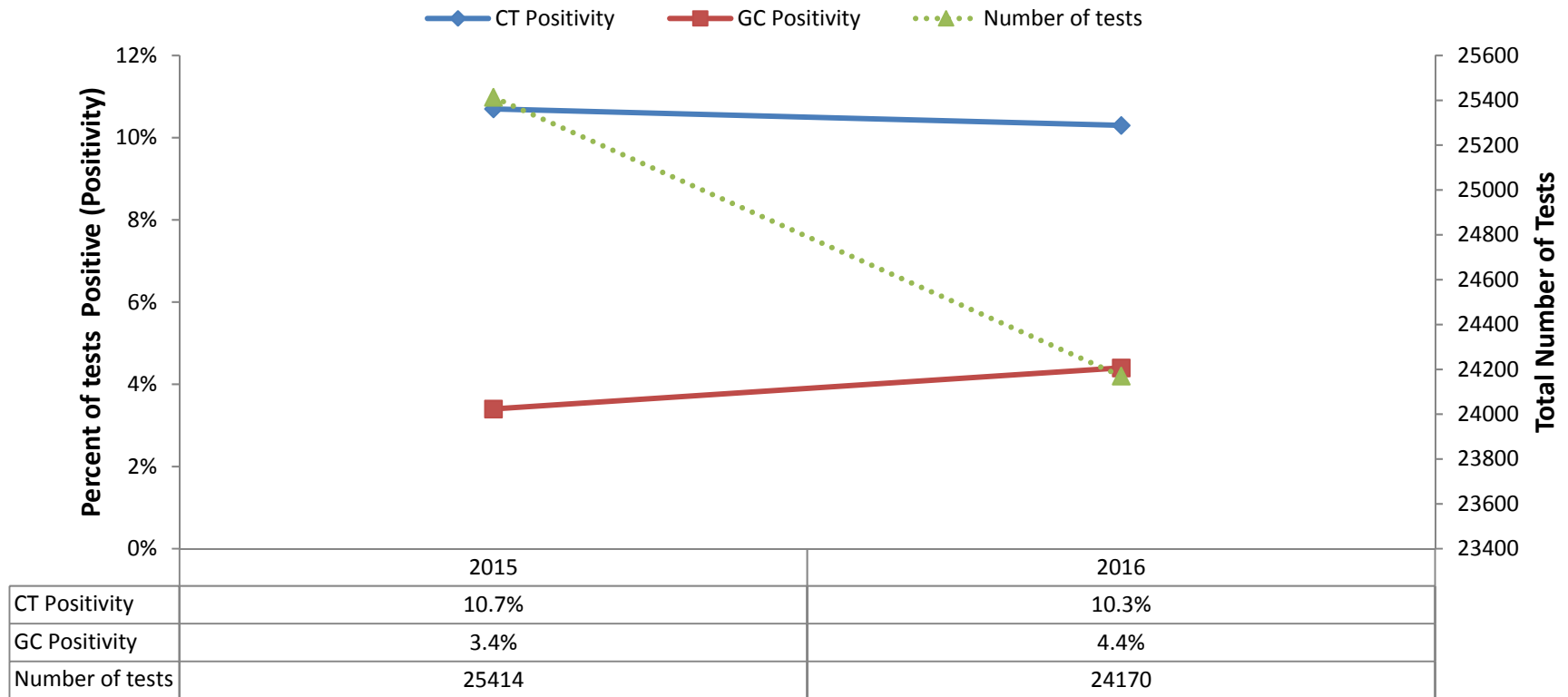


# CT Positivity among Men Tested at Alternate Sites, New Mexico, 2011 - 2016



# Streamlining DOH Testing Efforts

## CT and GC Positivity and Testing Volume, 2015-2016



Testing ratios by sex remained relatively stable from 2015 to 2016 overall : from 60% female in 2015 to 58% female in 2016, in males from 40% in 2015 to 42% in 2016  
 % of tests in women <age 25 remained fairly stable from 66% in 2015 to 65% in 2016; in males <age 25 testing remained stable, with only a slight decrease from 42% in 2015 to 39% in 2016

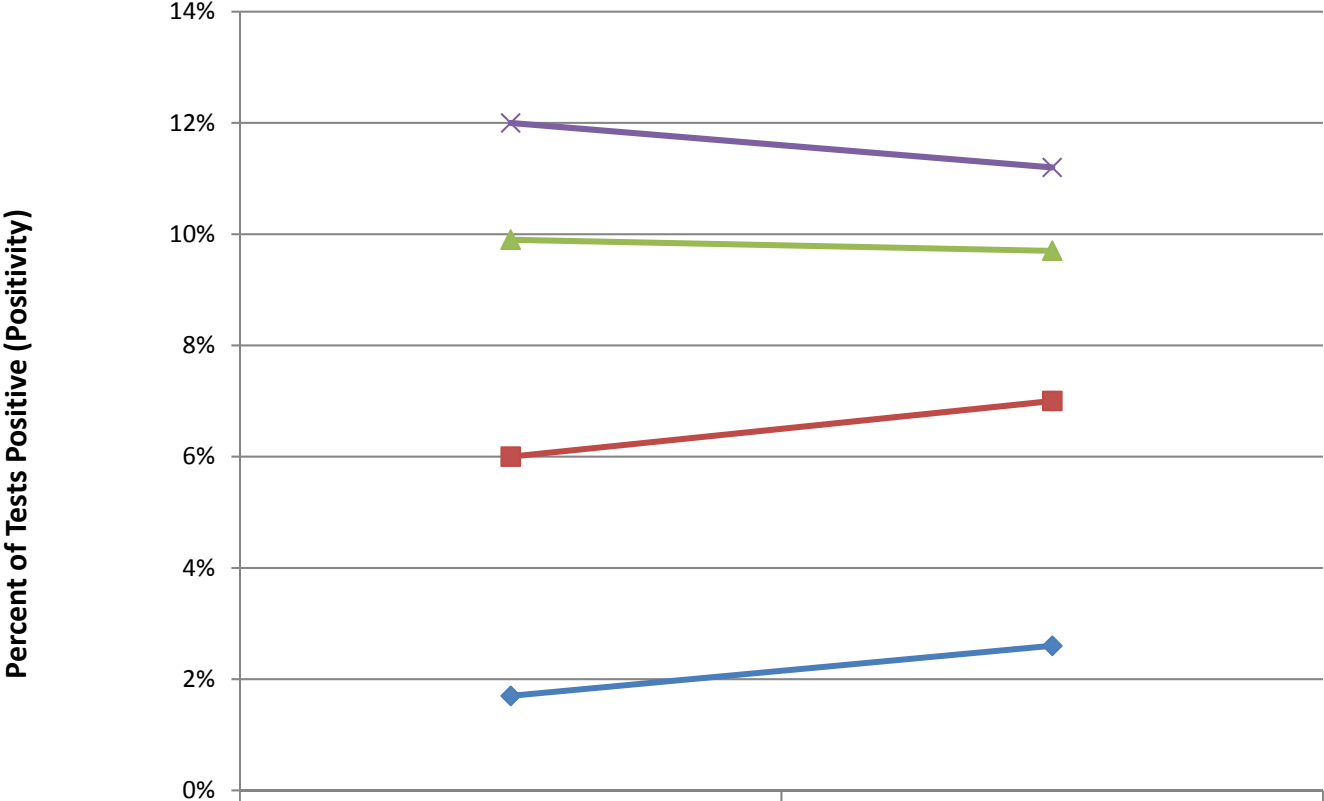




# Gonorrhea and Chlamydia Testing in NM DOH Testing Programs



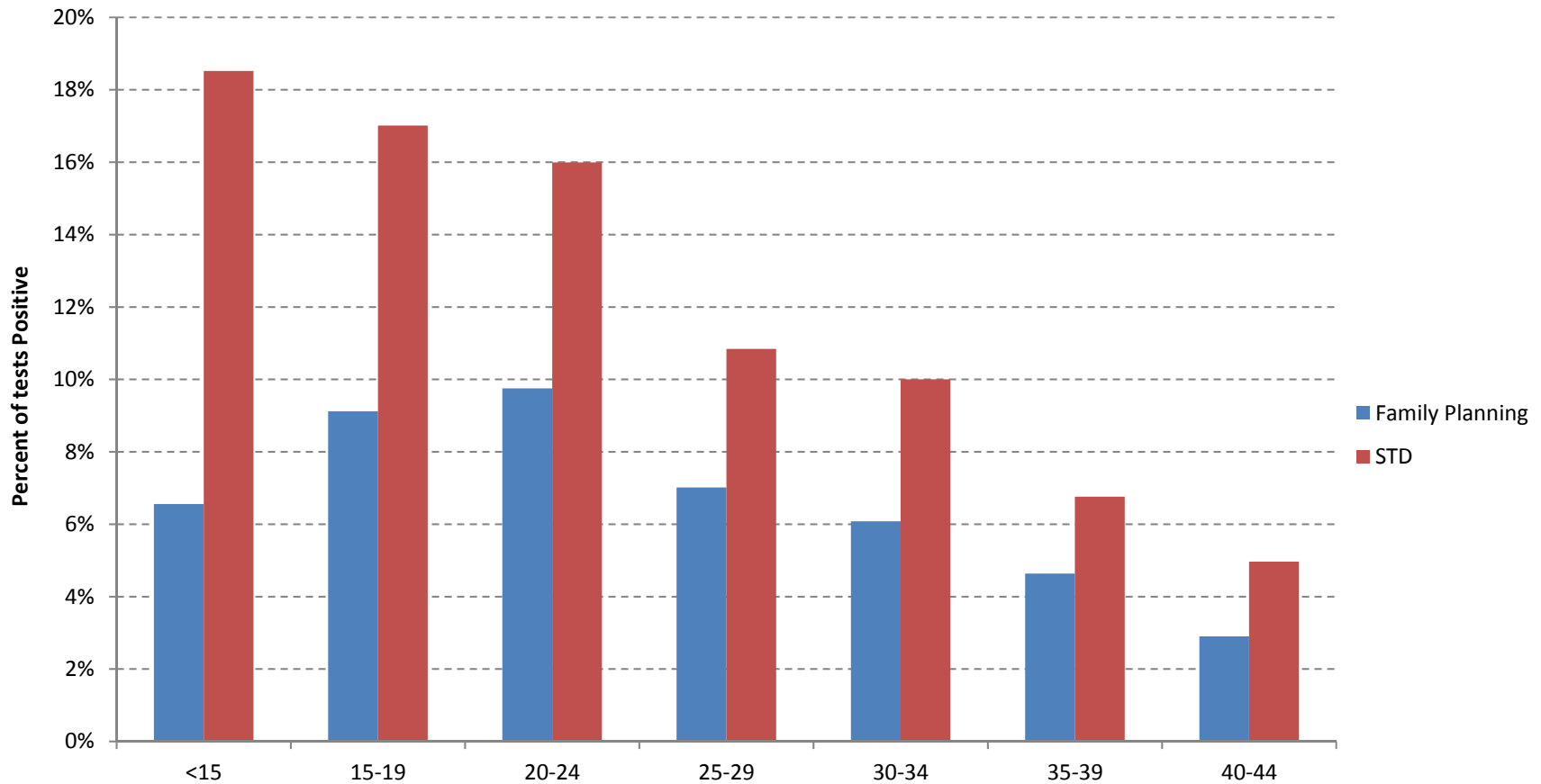
# Chlamydia and Gonorrhea Positivity by Sex, all NMDOH Testing Sites, 2015-2016



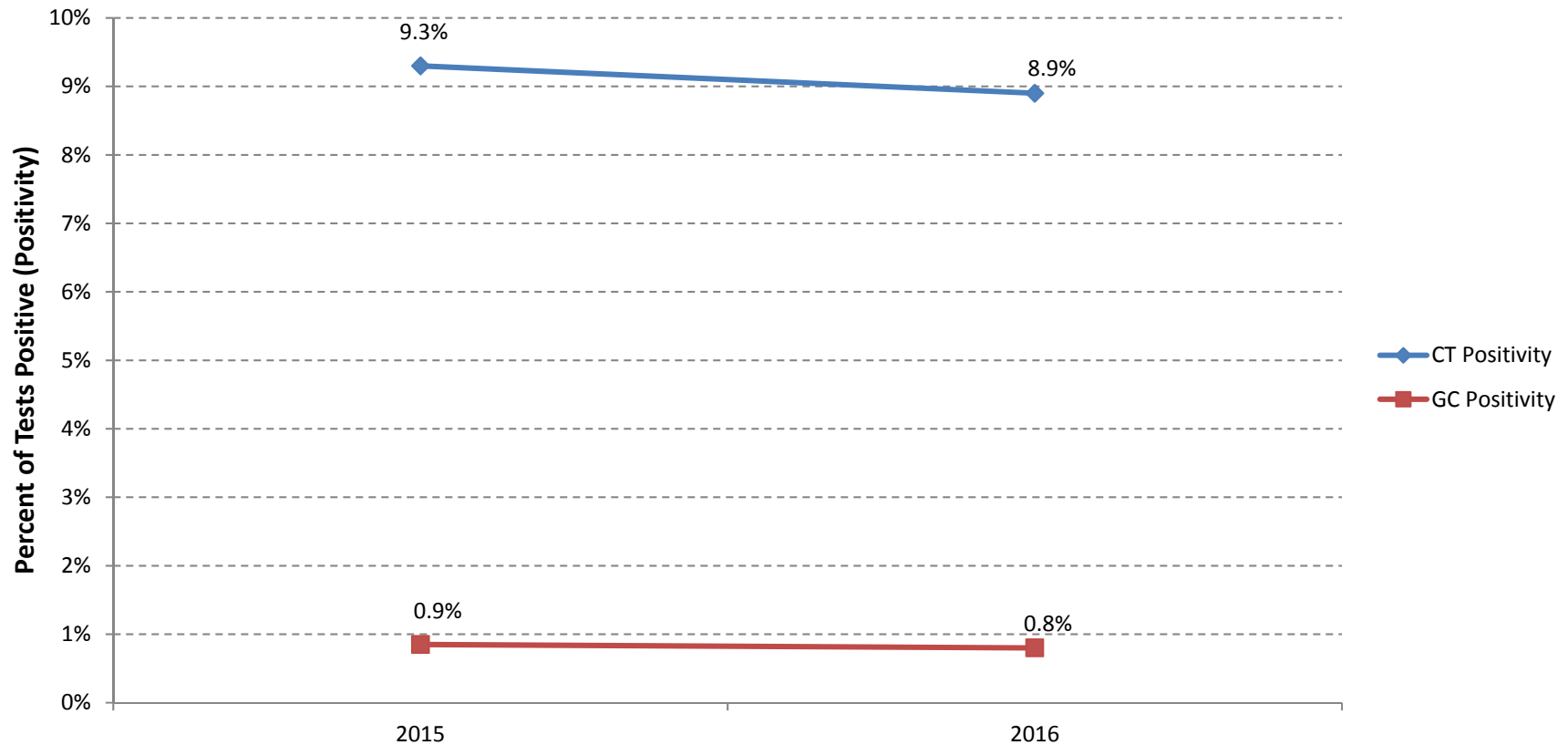
	2015	2016
GC Positivity - Females	1.70%	2.60%
GC Positivity - Males	6.00%	7.00%
CT Positivity - Females	9.90%	9.70%
CT Positivity - Males	12.00%	11.20%



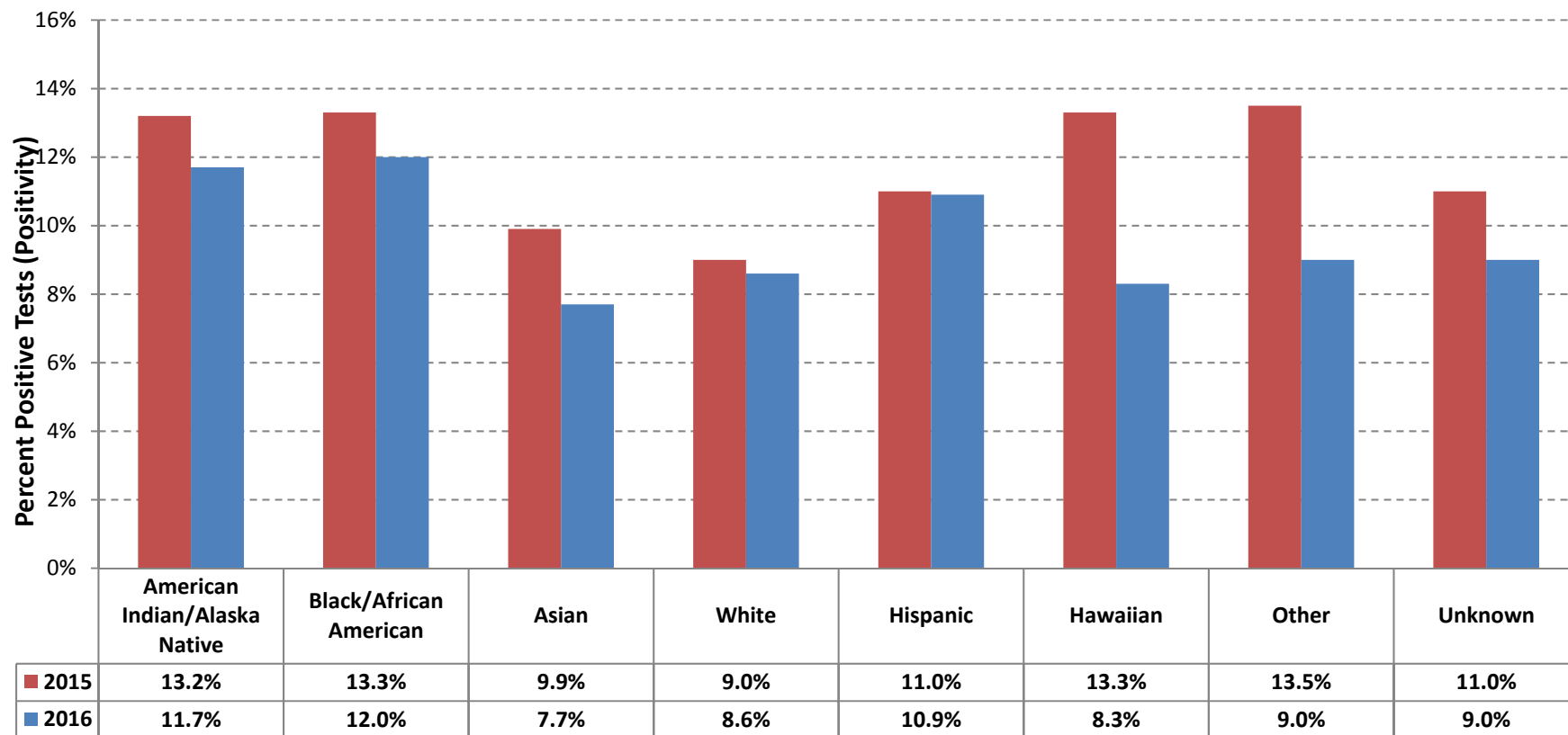
# Chlamydia Positivity by Clinic Type, Females, all NM DOH Test Sites, 2016



# Chlamydia and Gonorrhea Positivity, Females ≤25 years, Tested in NMDOH Family Planning Sites, 2015-2016



# Chlamydia Positivity by Race/ Ethnicity, all NMDOH Test Sites, 2015-2016



# Gonorrhea Positivity by Race/ Ethnicity, all NMDOH Test Sites, 2015-2016

