



New Mexico STD Program Summary Slides 2014

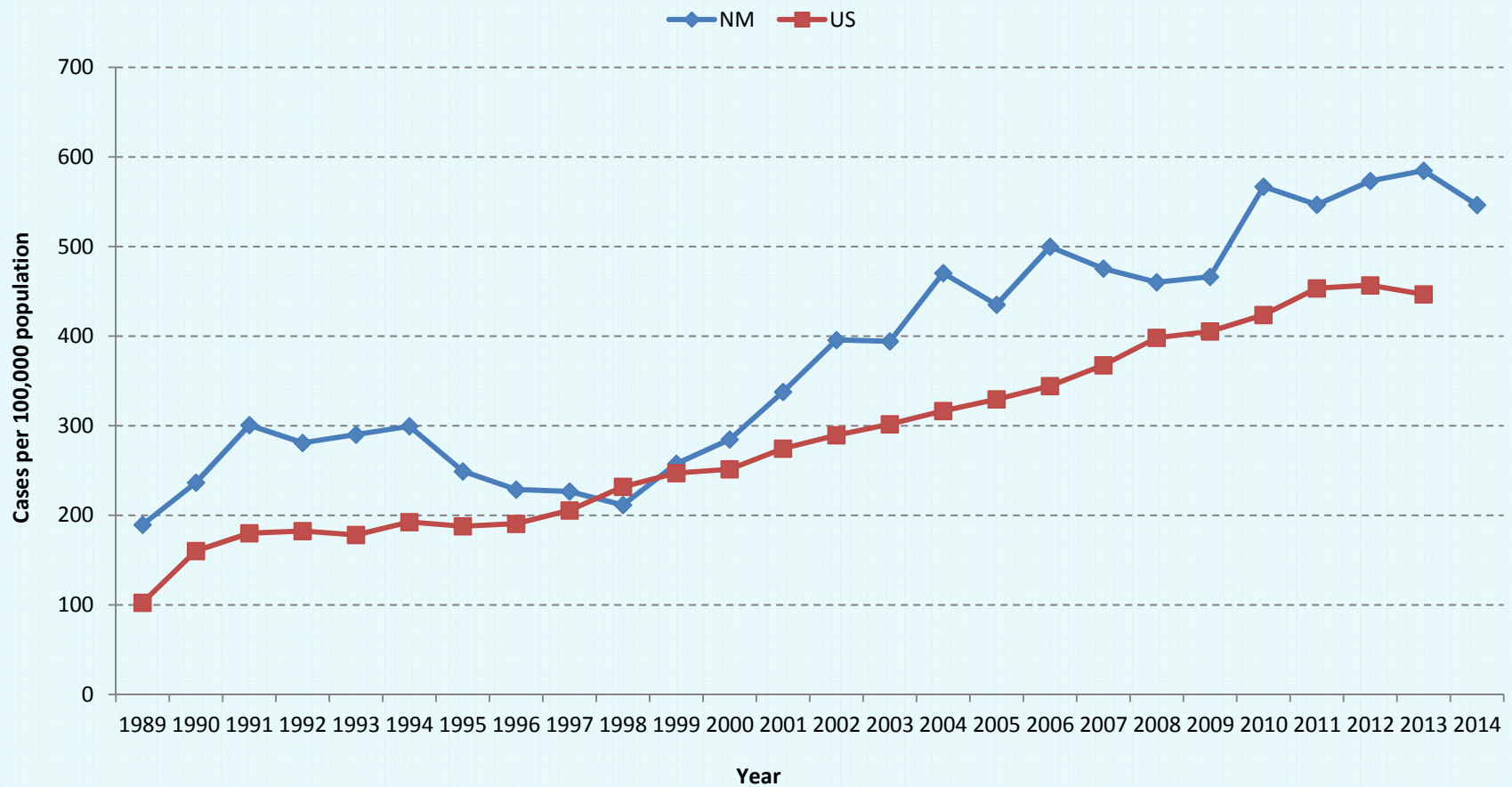
Janine Waters, STD Program Manager

Angie Bartok, Epidemiologist

Lewis Smith, Surveillance Coordinator

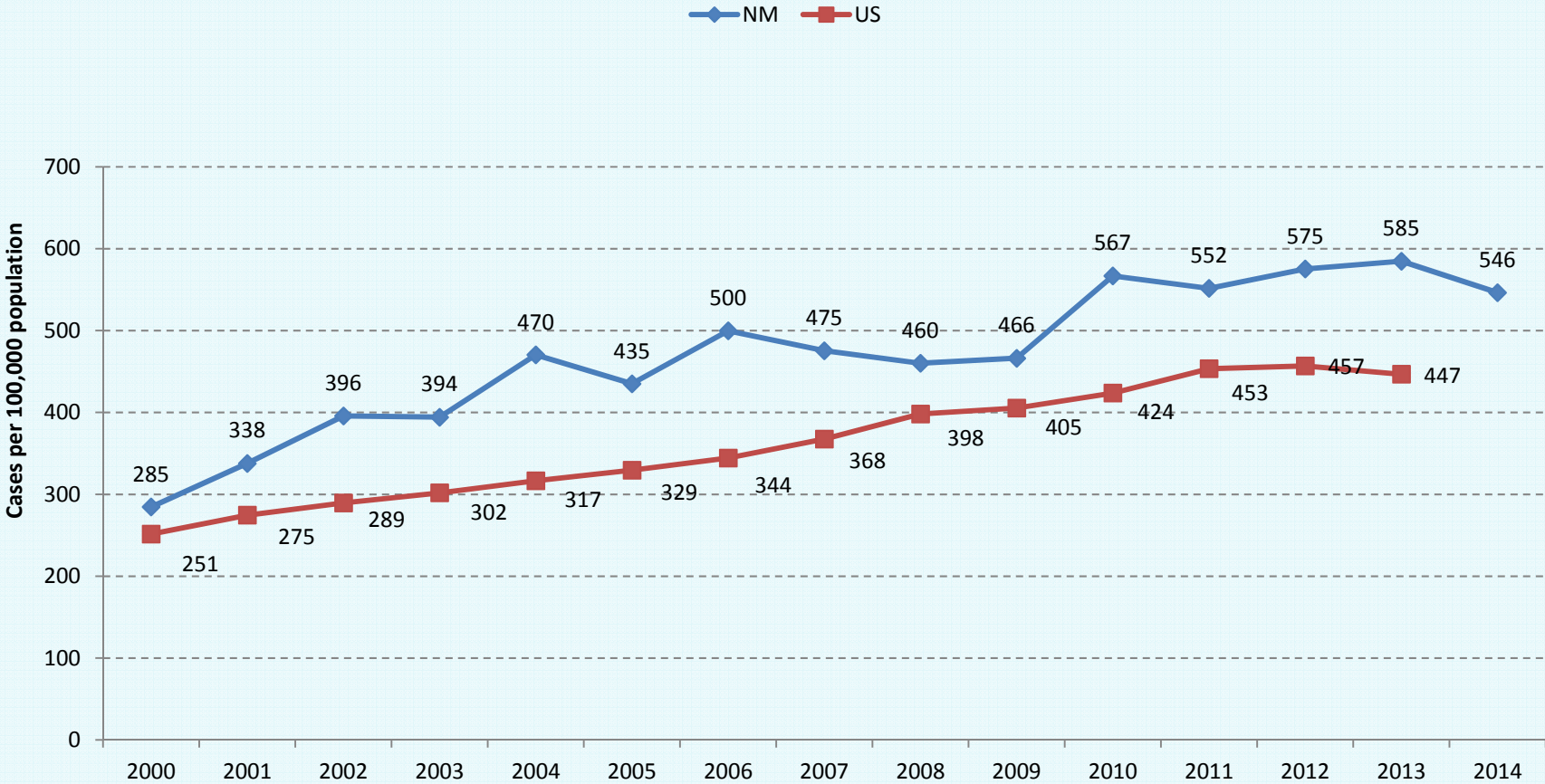
Margo Yee, Surveillance Coordinator

Chlamydia Rates New Mexico and US, 1989 - 2014



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

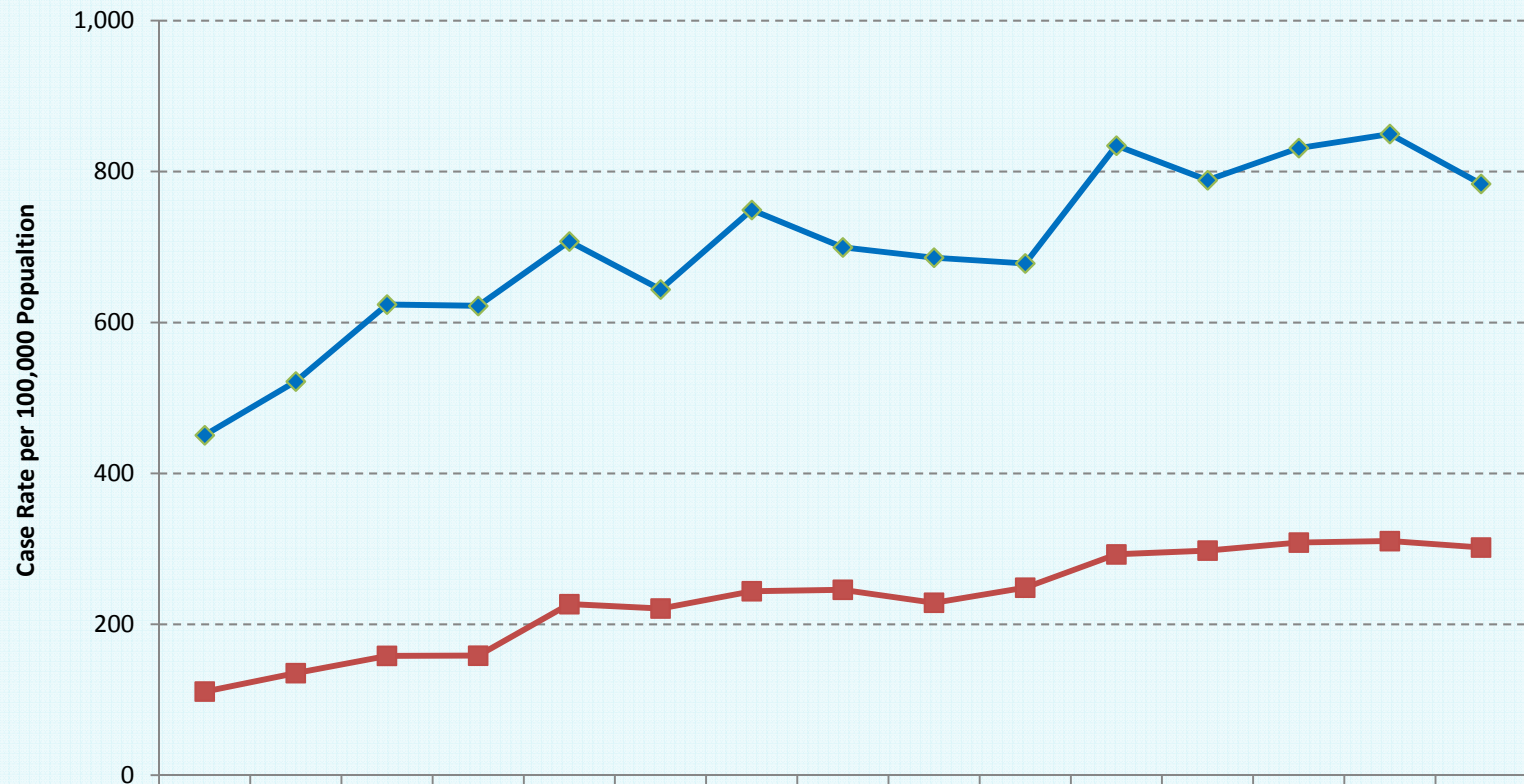
Chlamydia Rates, NM and US, 2000-2014



NM ranked 4th in the nation for chlamydia in 2013

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

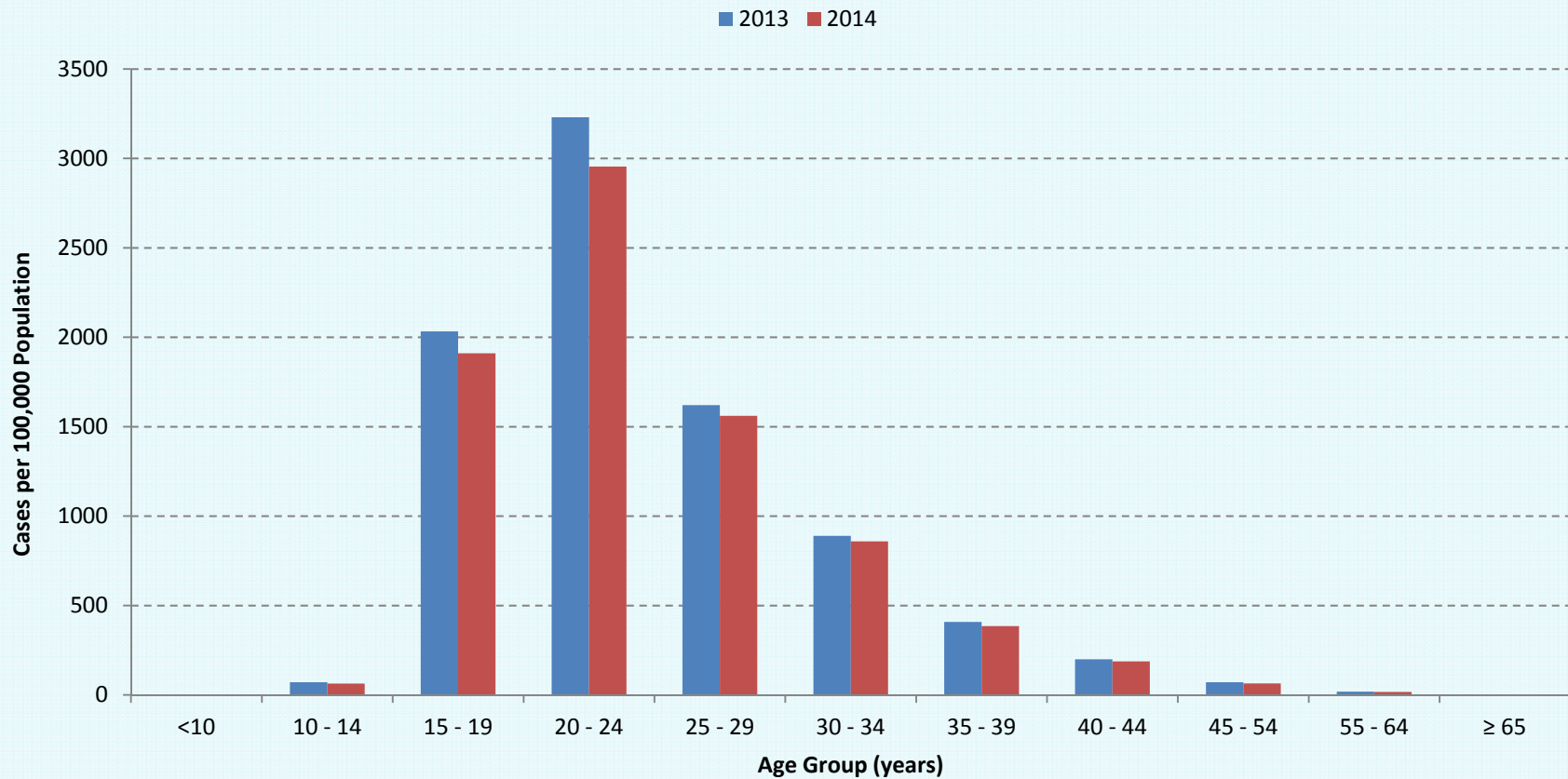
Chlamydia Rates by Sex New Mexico, 2000 - 2014



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
■ 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	297.6	308.3	310.3	301.7
◆ NM Female CT Rate	450.5	521.8	623.7	621.9	707.3	643.8	749.1	699.5	685.9	678.2	834.3	788.5	831.1	849.7	783.6

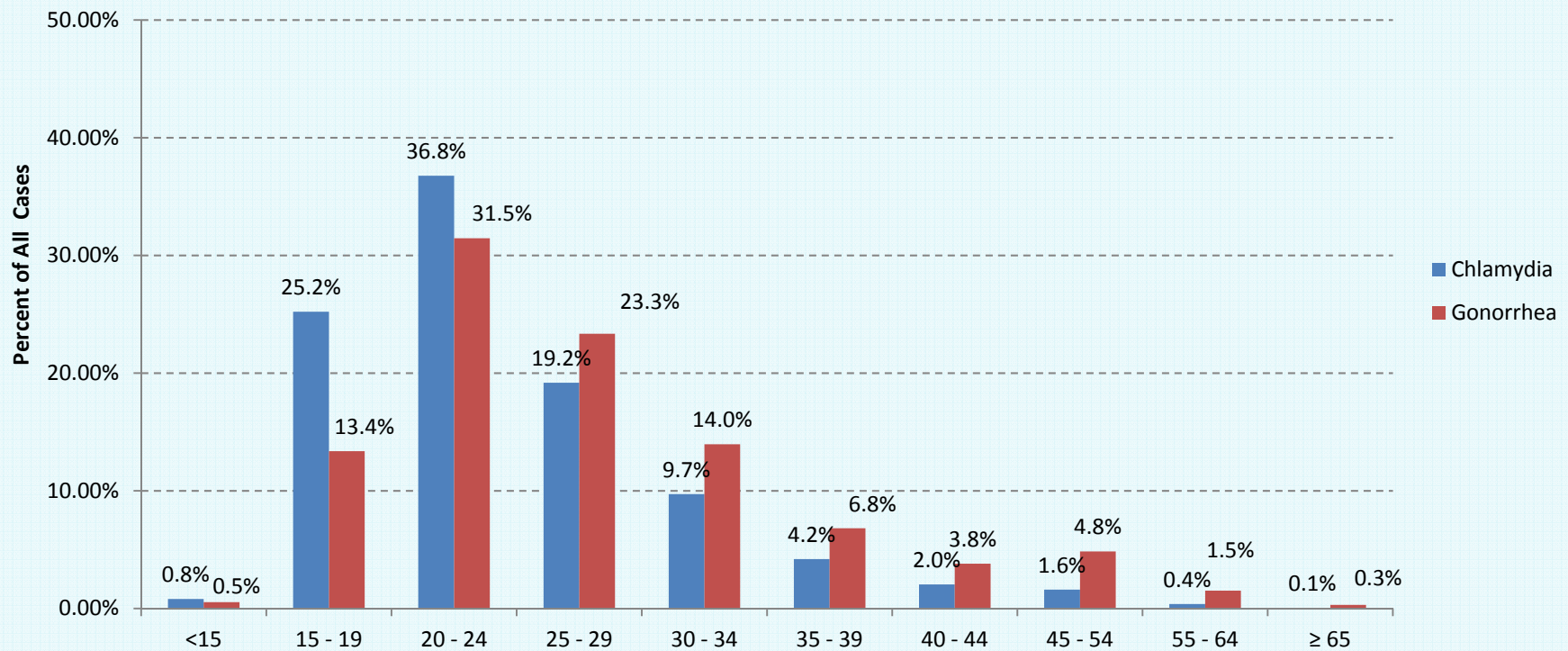
Chlamydia Rates by Age Group

New Mexico, 2013 - 2014



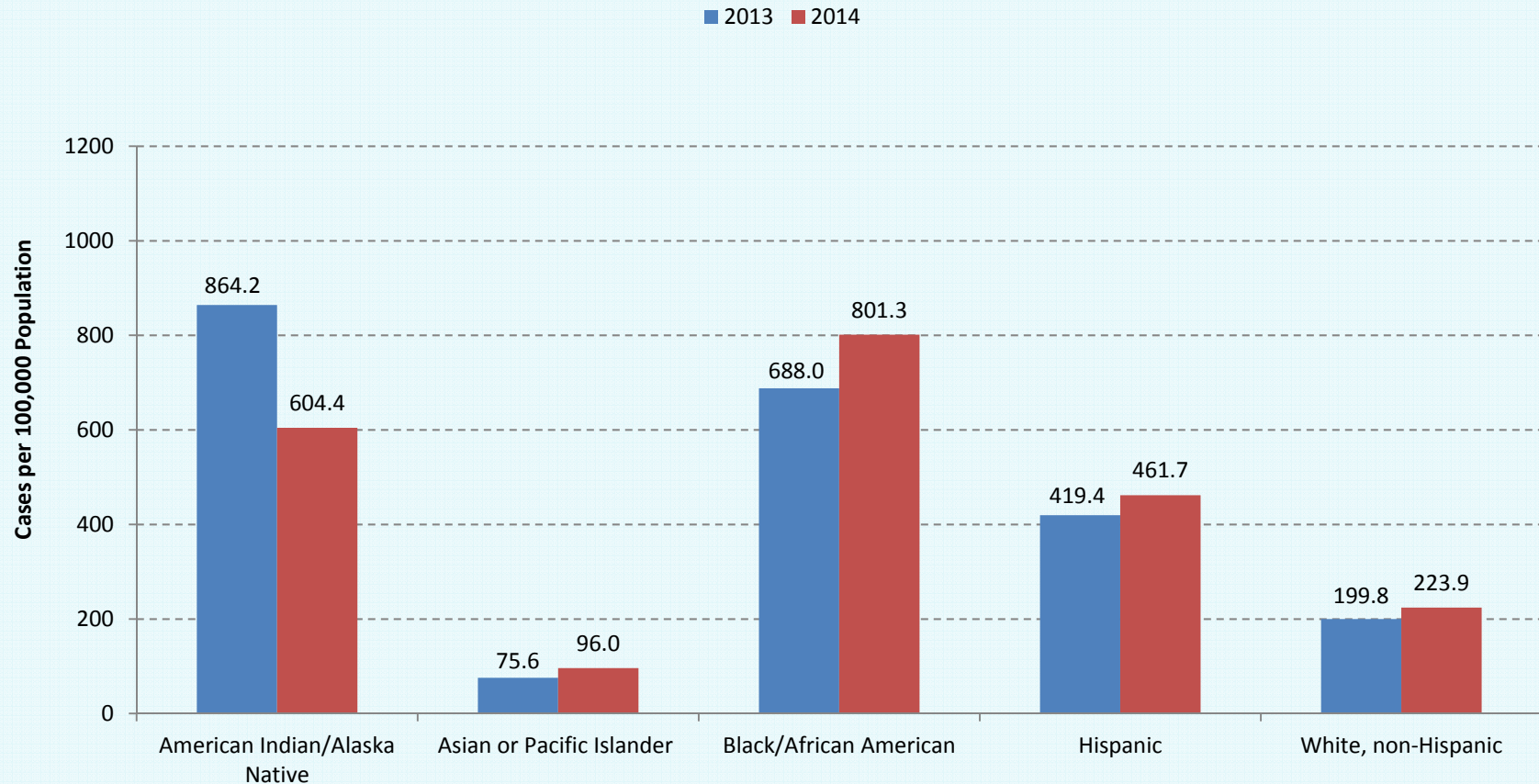
Chlamydia predominantly affects adolescents and young adults, with rates of infection highest among 20-24 year olds followed by 15-19 year olds

Percent of Chlamydia and Gonorrhea Cases by Age Group, New Mexico, 2014



- **62% of reported chlamydia cases are among persons ages 15-24 years**
- **45% of reported gonorrhea cases are among persons age 15-24 years**

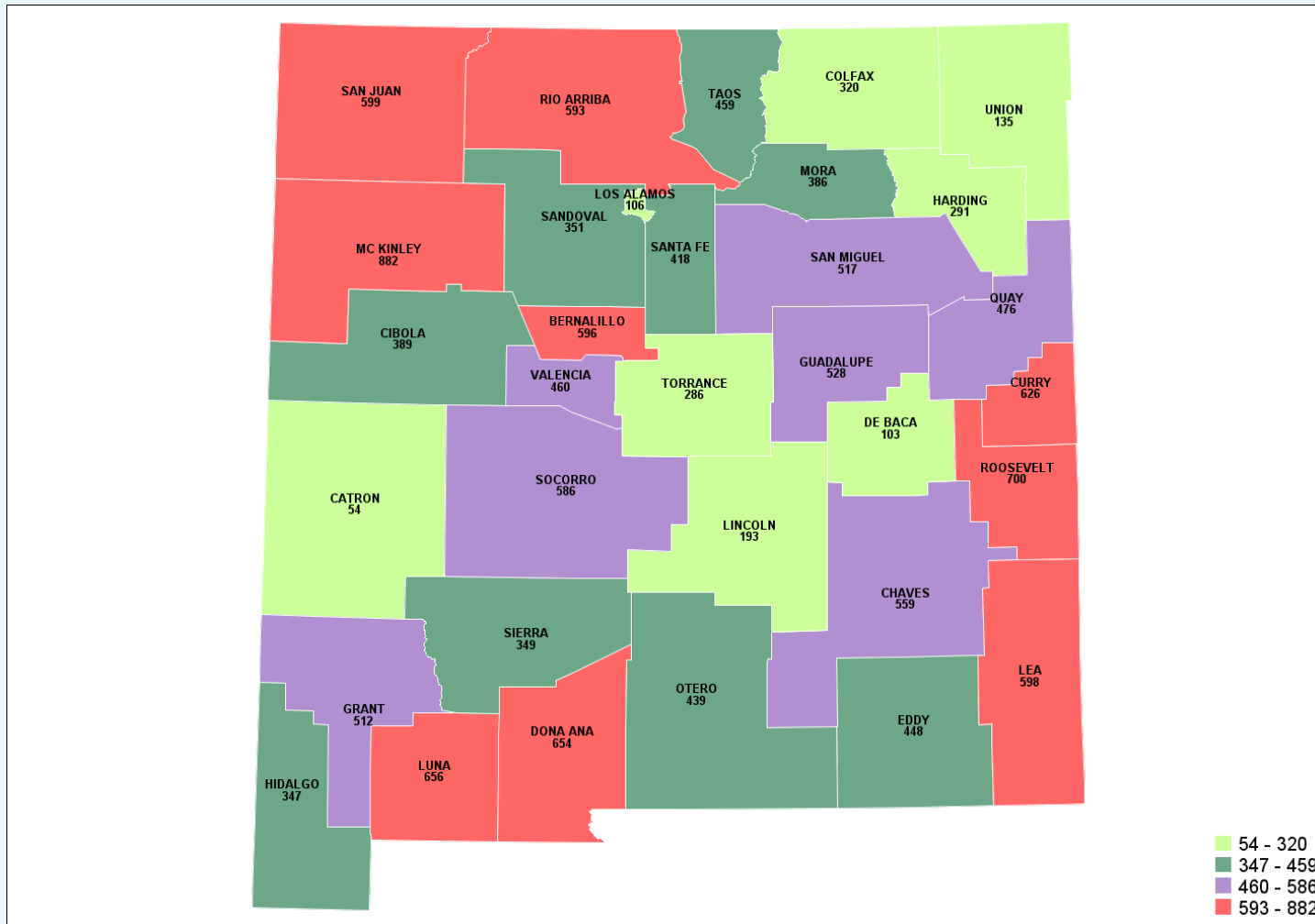
Chlamydia Rates by Race/ Ethnicity New Mexico, 2013 - 2014



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

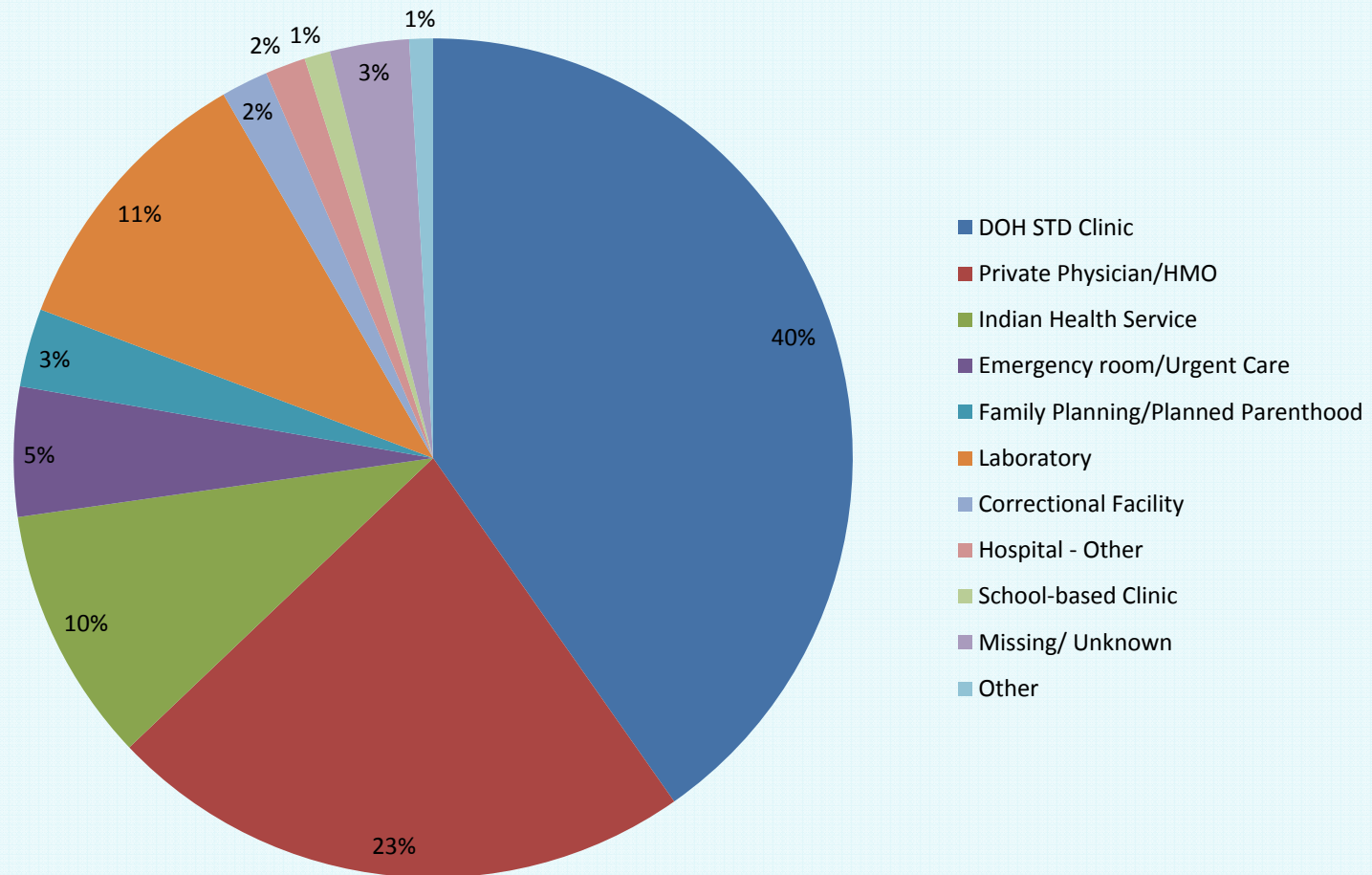
Chlamydia disproportionately affects African American, American Indian, and Hispanic populations in New Mexico

Chlamydia Rate per 100,000 by County, New Mexico, 2014

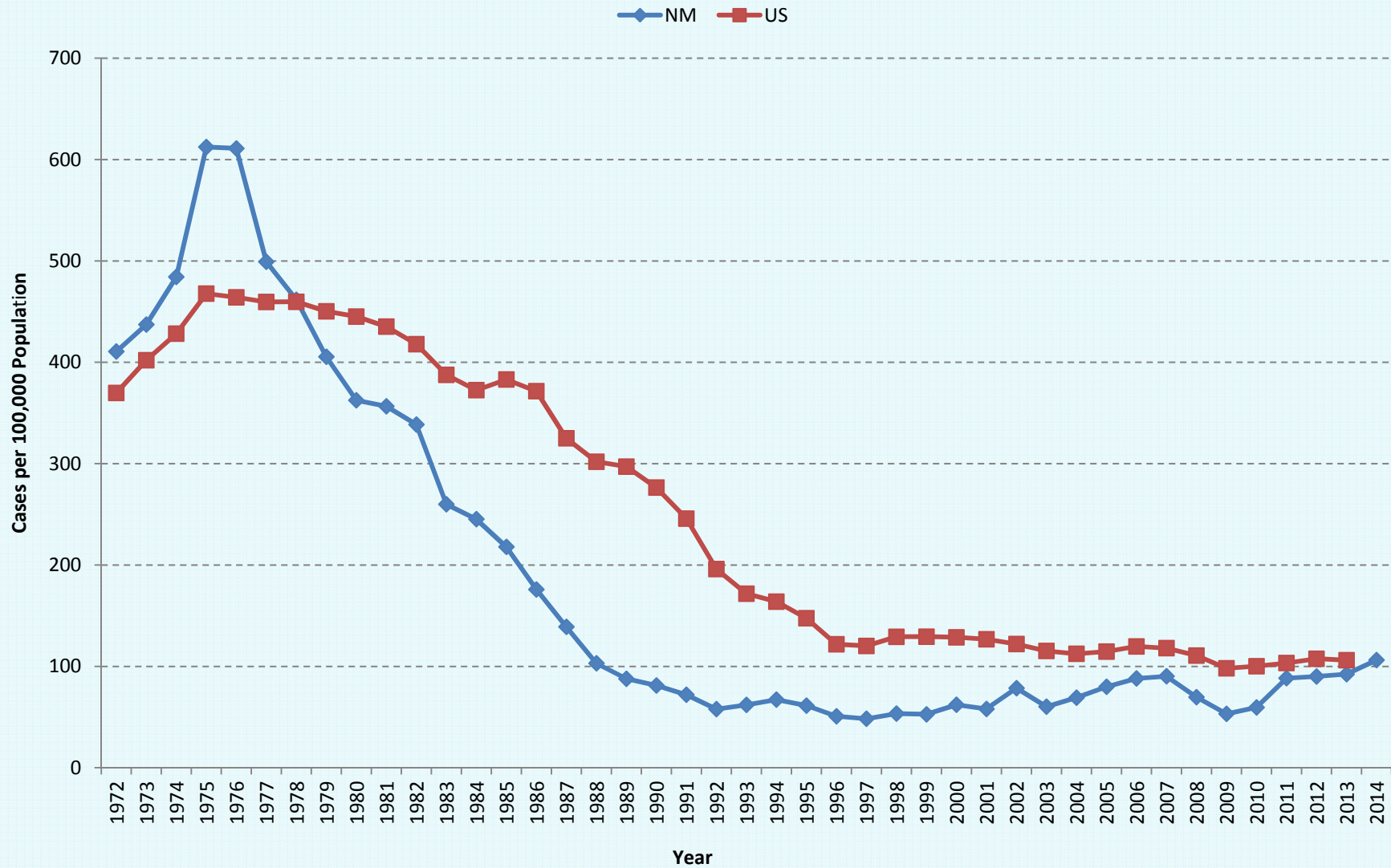


Rates per 100,000 by
Quartile

Percent of Chlamydia Cases by Diagnosing Provider Type, 2014

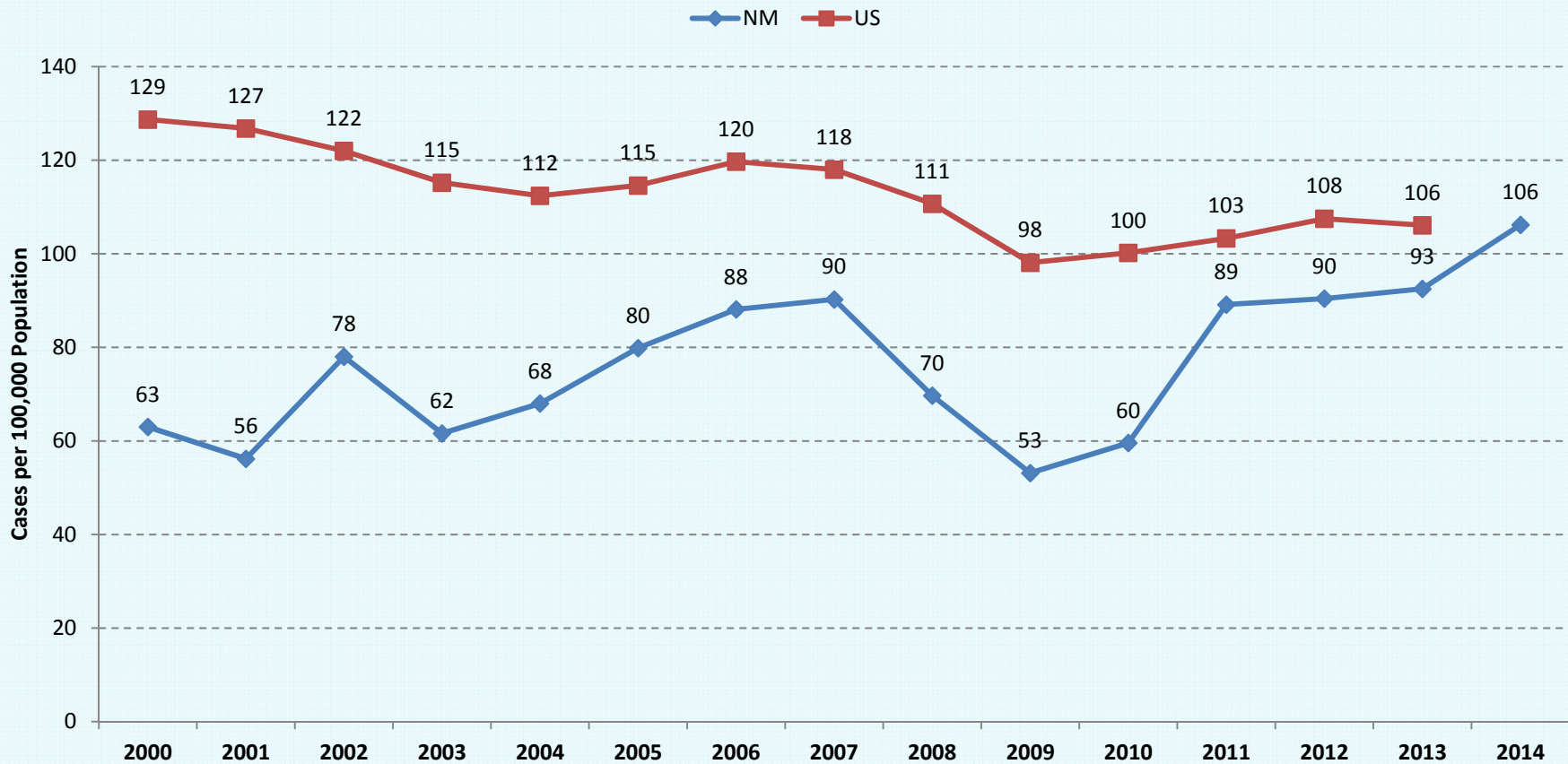


Gonorrhea Rates New Mexico and US, 1972 - 2014



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

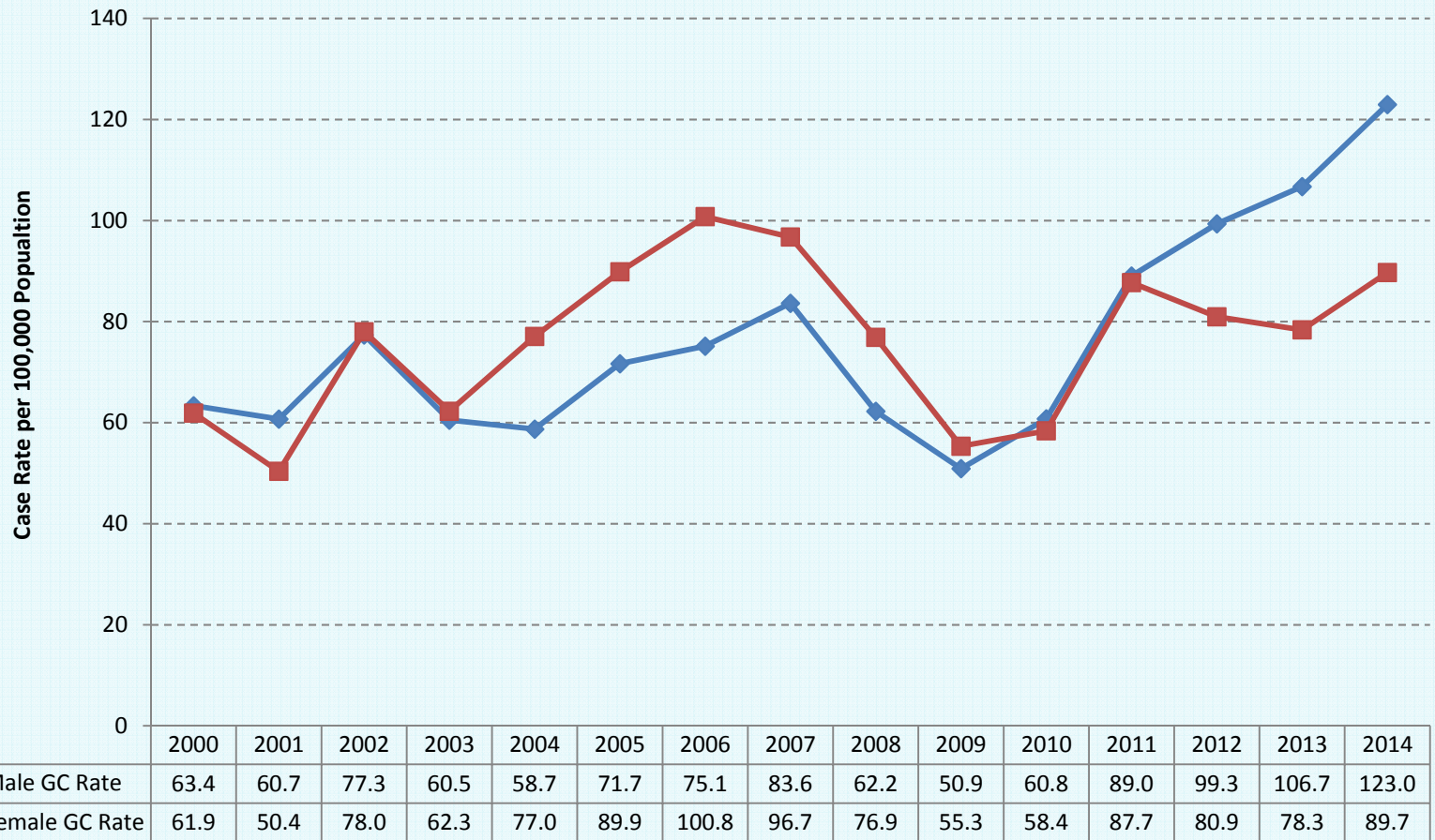
Gonorrhea Rates, New Mexico and US, 2000-2014



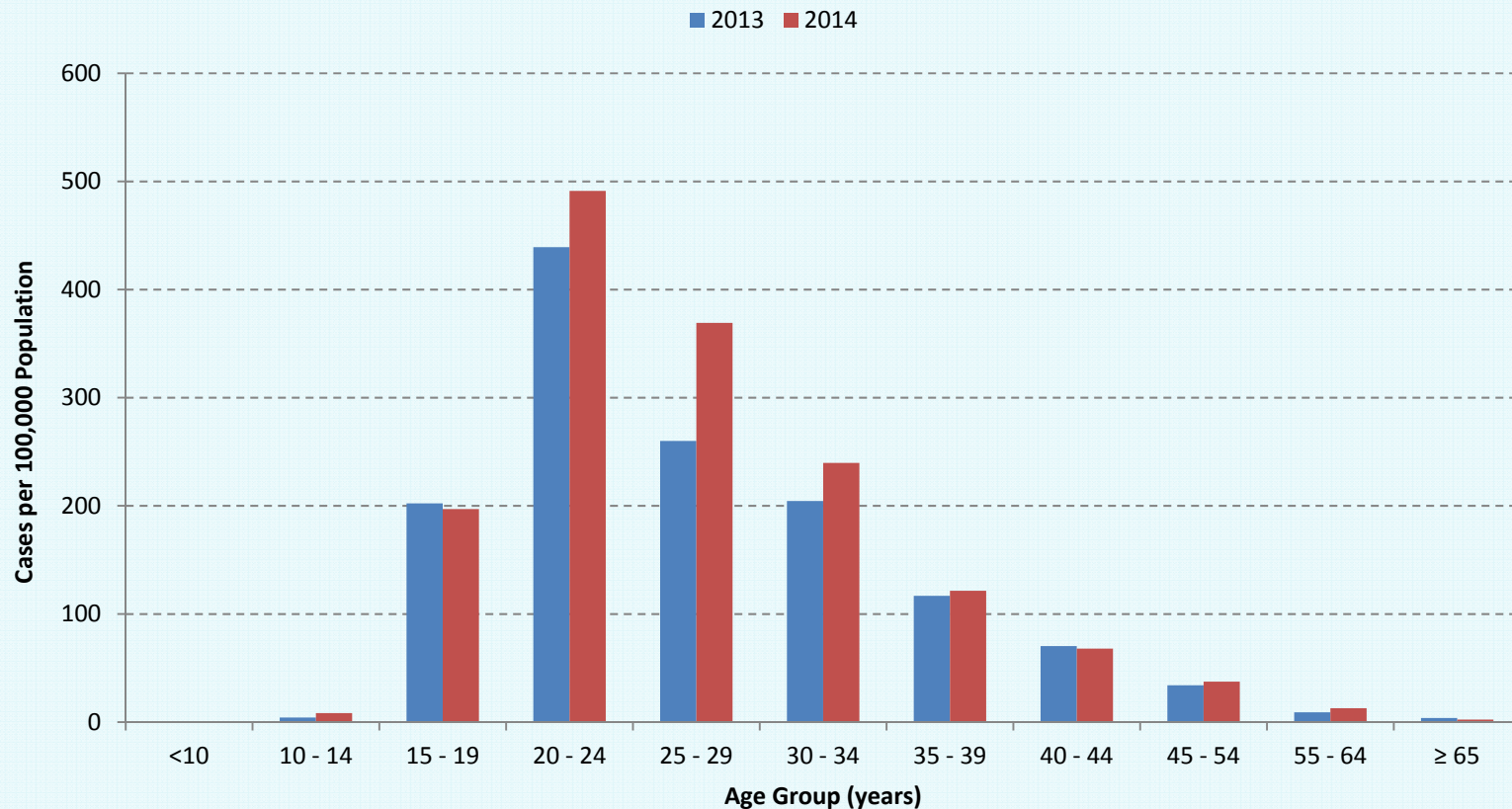
➤ **New Mexico experienced a 14% increase in gonorrhea cases from 2013 to 2014.**

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

Gonorrhea Rates by Sex New Mexico, 2000-2014



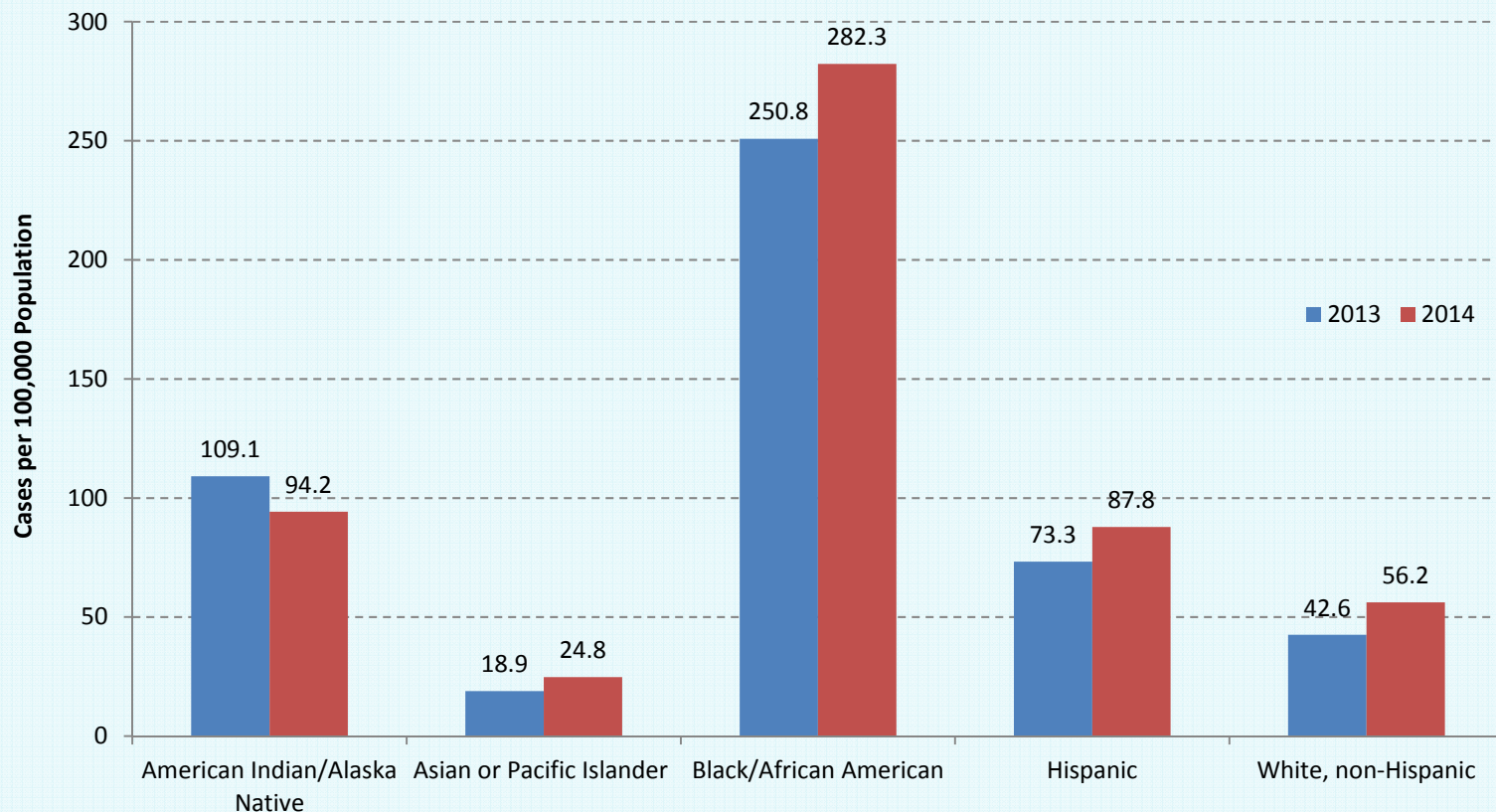
Gonorrhea Rates by Age Group New Mexico, 2013 - 2014



- **Gonorrhea rates decreased slightly in age groups > 25-29 years from 2013 to 2014**
 - **Most striking changes from 2013 to 2014:**
 - **Rates in 2014 among women ages 25-29 increased by 64% compared to 2013**
 - **Rates in 2014 among men ages 25-29 increased by 29% compared to 2013**

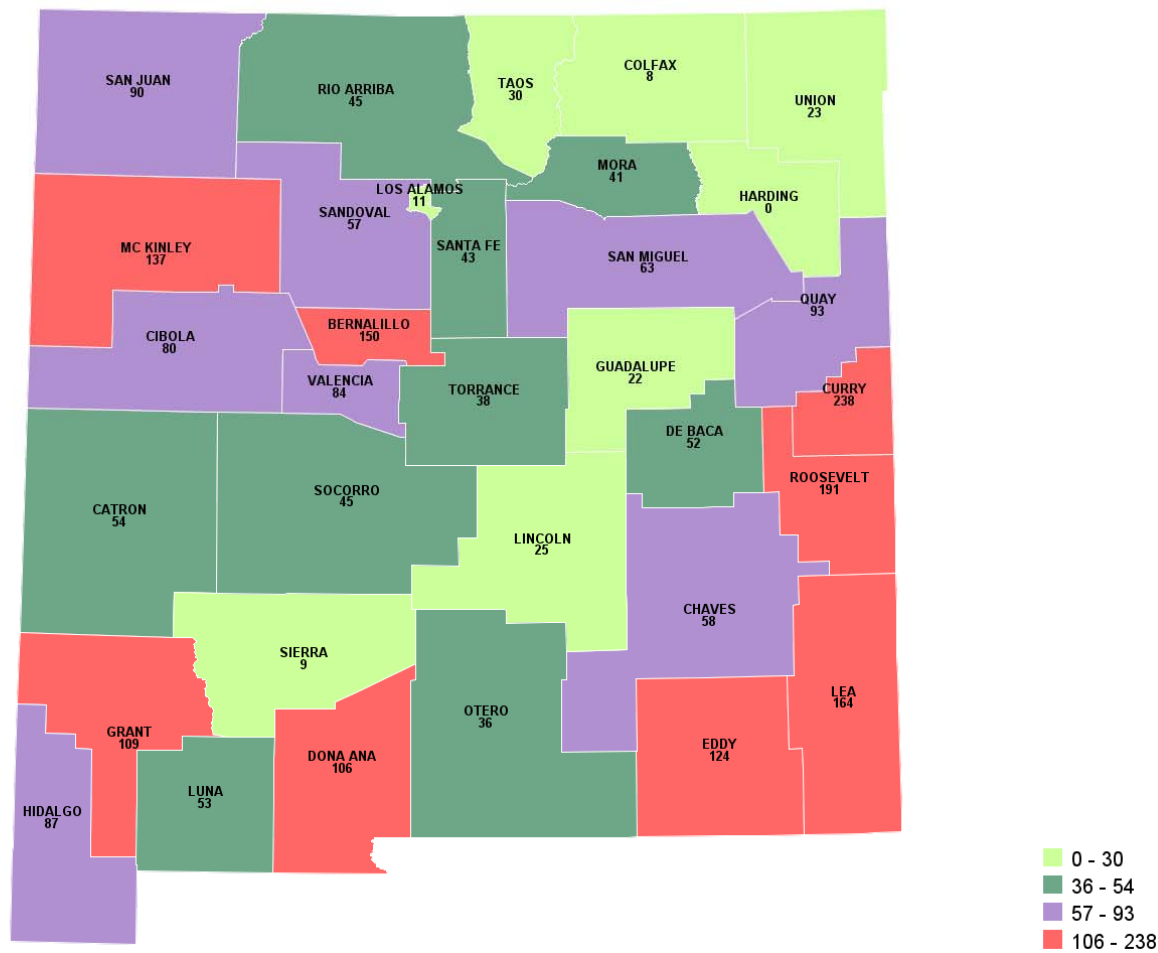
Gonorrhea Rates by Race/ Ethnicity

New Mexico, 2013 - 2014



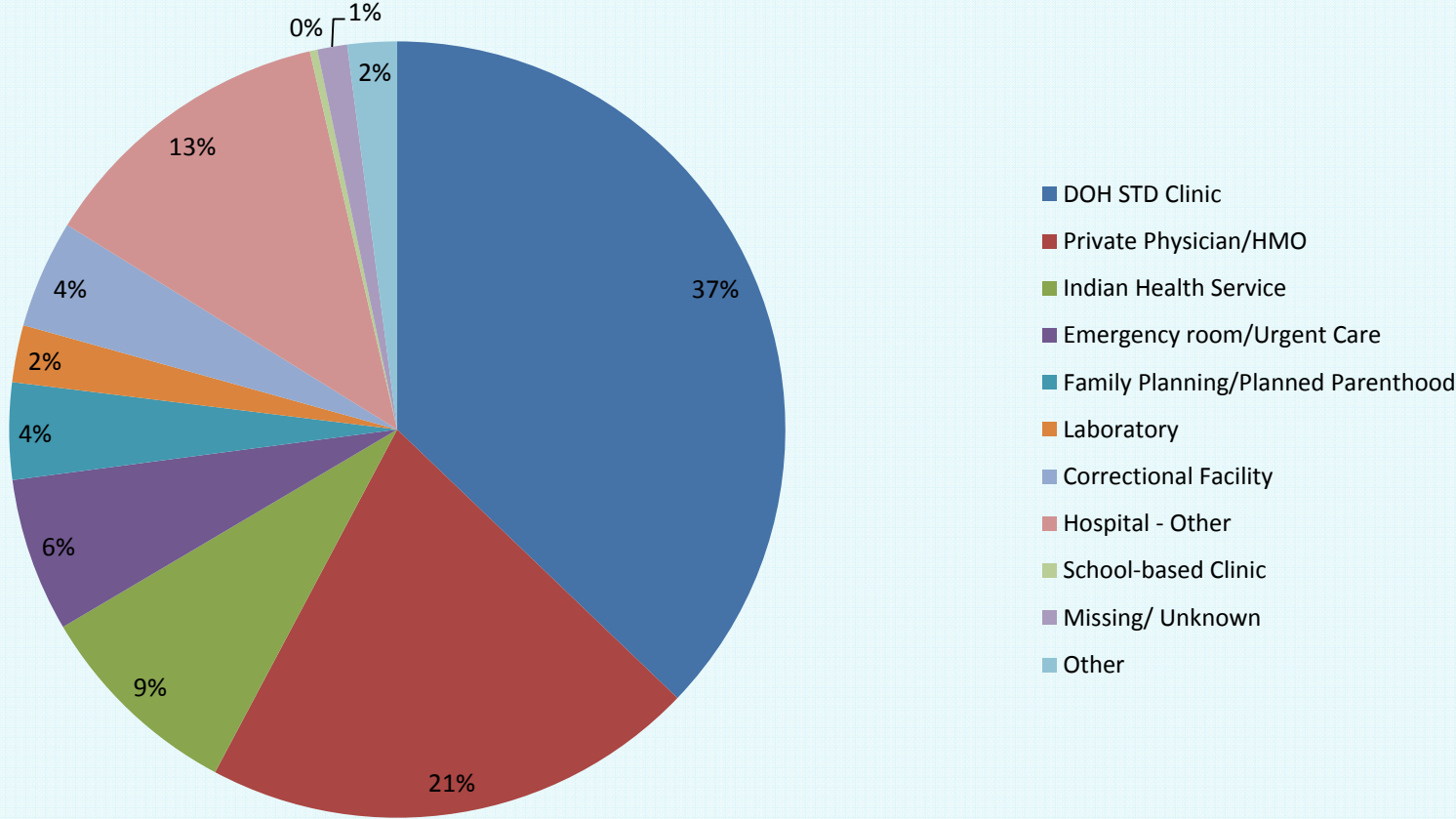
**Similar to national level data, gonorrhea rates show health disparities:
Gonorrhea disproportionately affects African American, American Indian, and
Hispanic populations in New Mexico**

Gonorrhea Rate per 100,000 by County, New Mexico, 2014

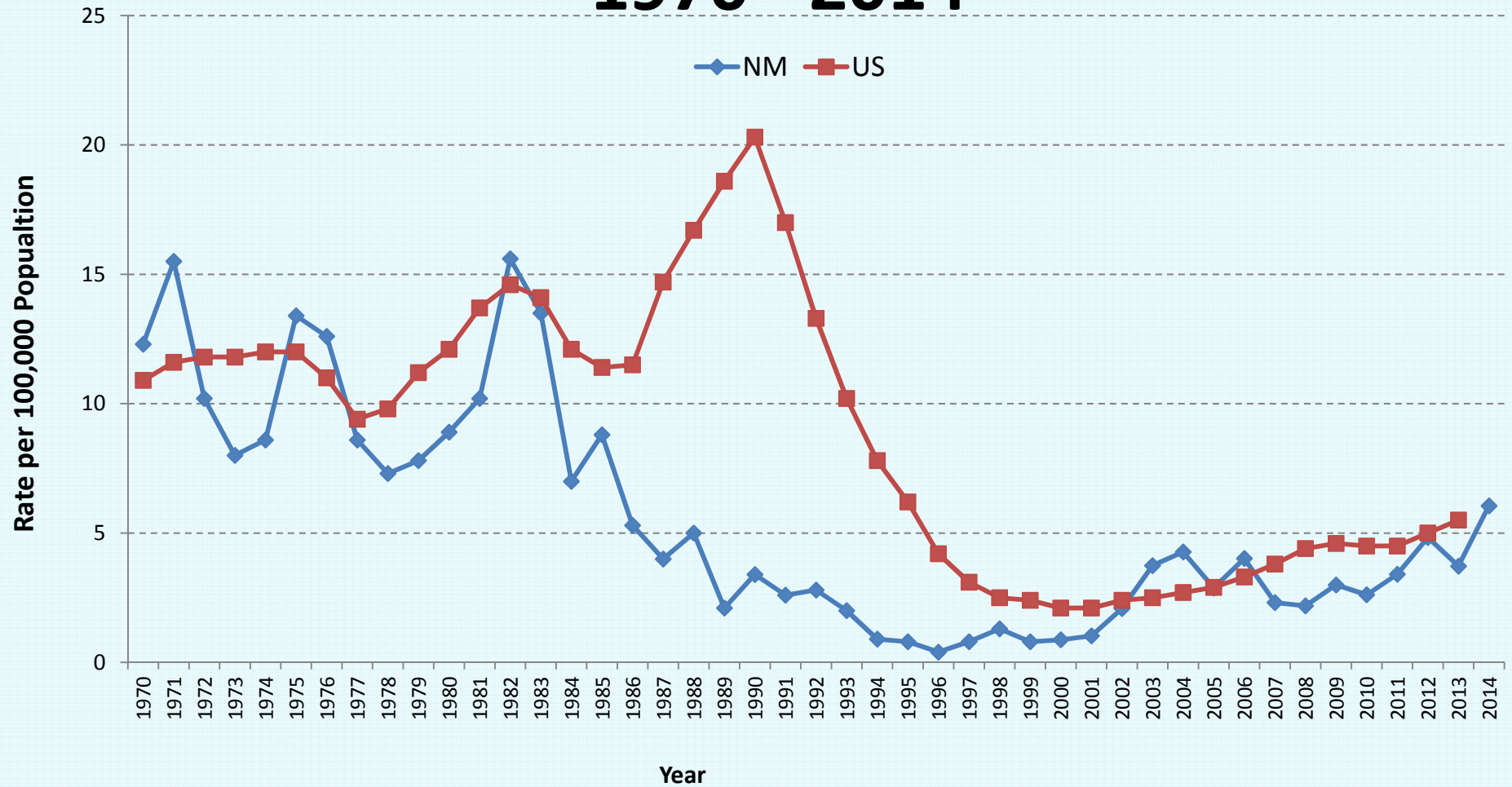


Rates per 100,000 by
Quartile

Percent of Gonorrhea Cases by Diagnosing Provider Type, New Mexico, 2014

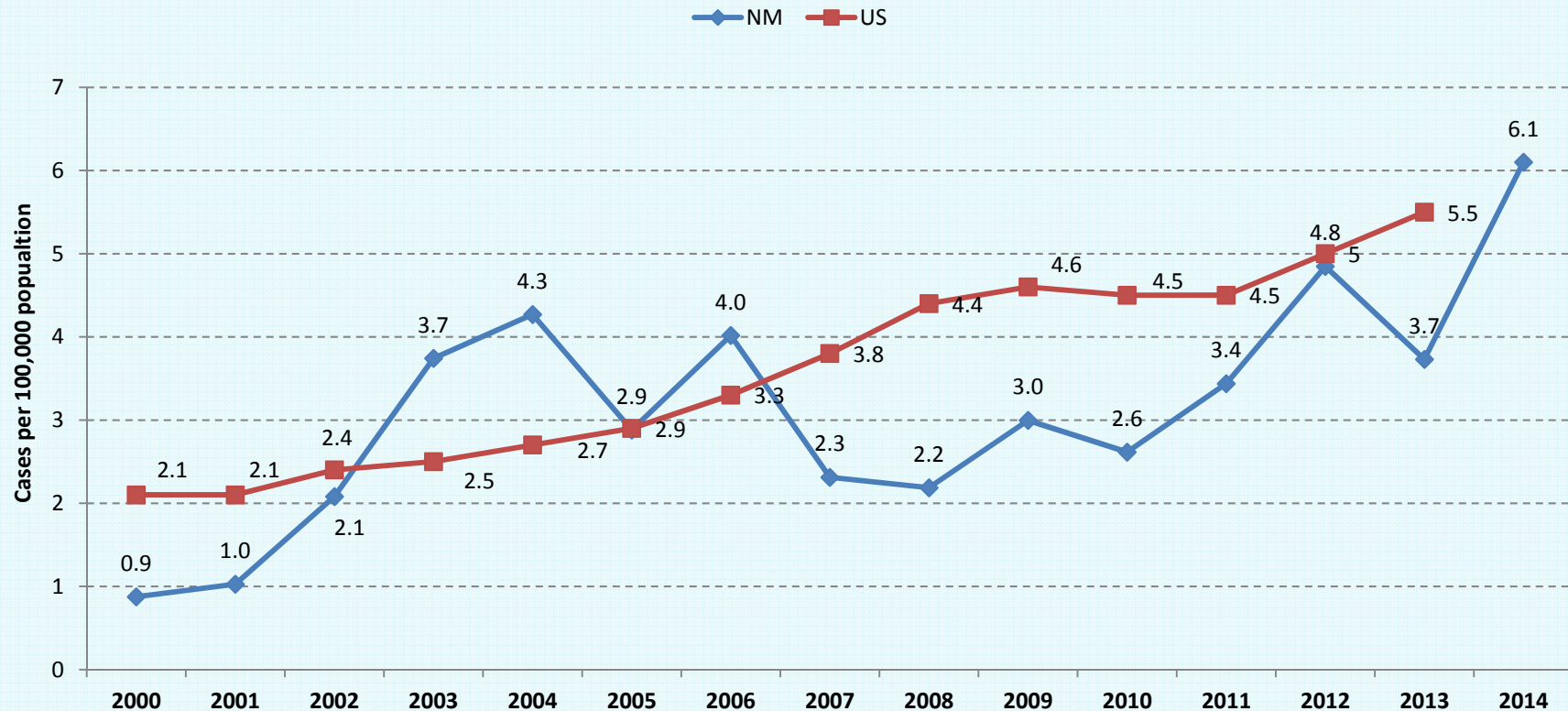


Primary and Secondary Syphilis Rates, New Mexico and US, 1970 - 2014



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

Rates of Primary and Secondary Syphilis New Mexico and US, 2000 - 2014

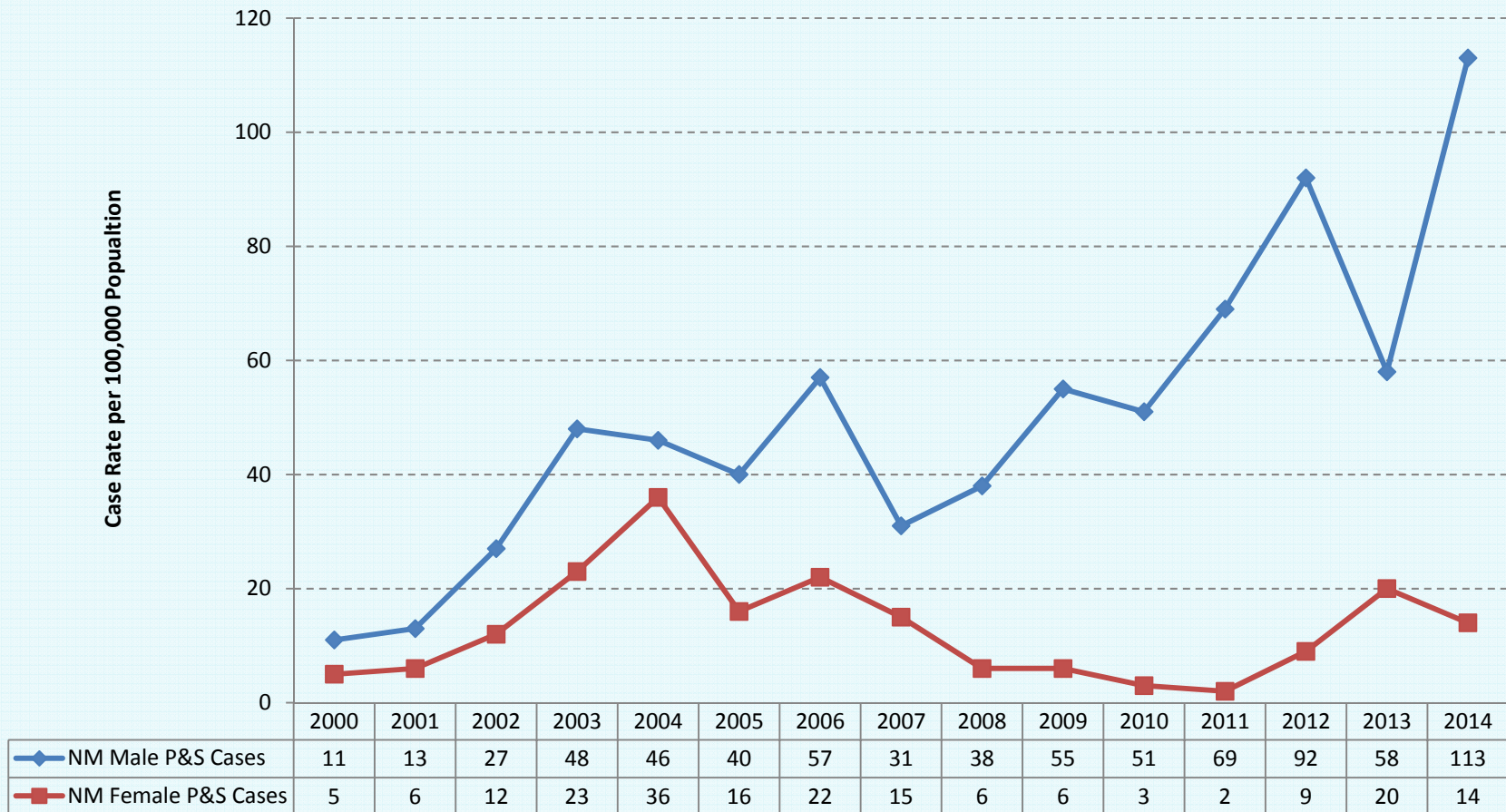


Rates of primary and secondary syphilis in New Mexico have varied over the past 2 years. Between 2012 and 2013 there was a case decrease of 35%.

Then, between 2013 and 2014 there was a case increase of 65%.

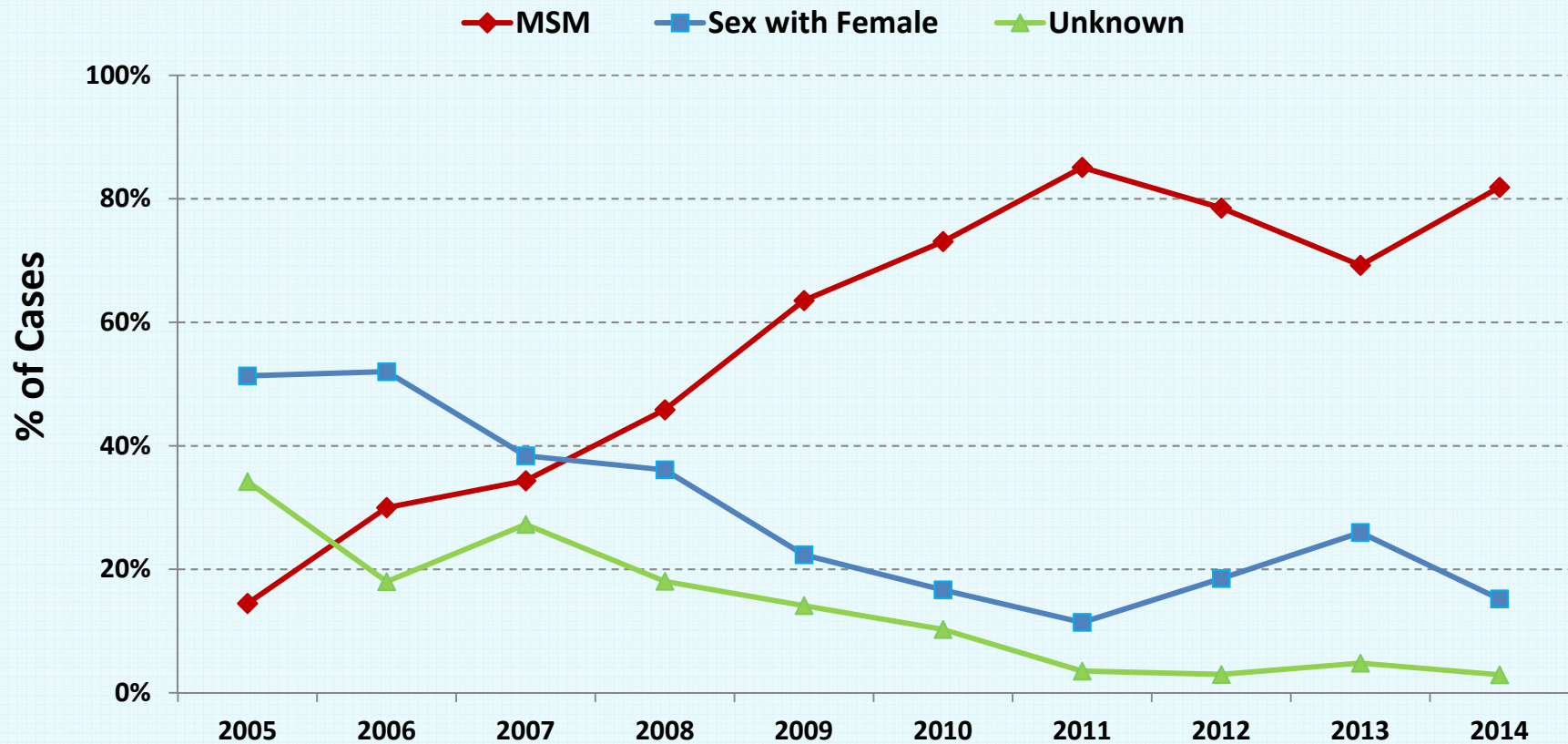
Source: PRISM for NM Rates, CDC Surveillance Reports for US Rates

Primary and Secondary Syphilis Cases by Sex, New Mexico, 2000-2014



89% of all reported primary and secondary syphilis cases in 2014 were male

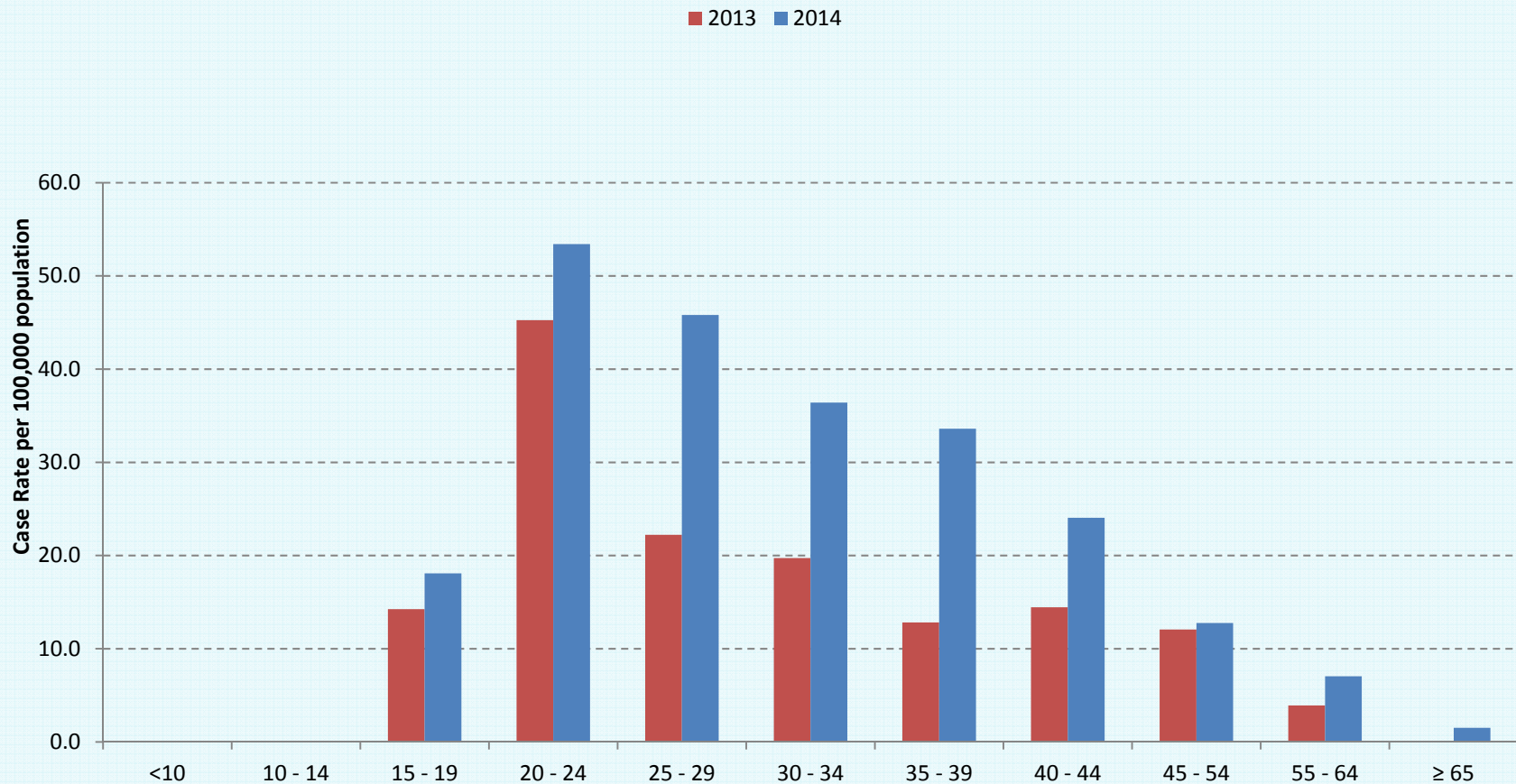
Percentage of cases of Primary, Secondary, and Early Latent Syphilis Among Men, by Gender of Partner New Mexico, 2005 - 2014



Of all male cases of syphilis in 2014, where gender of partner was known, 82% of cases were men with male sex partners (MSM).

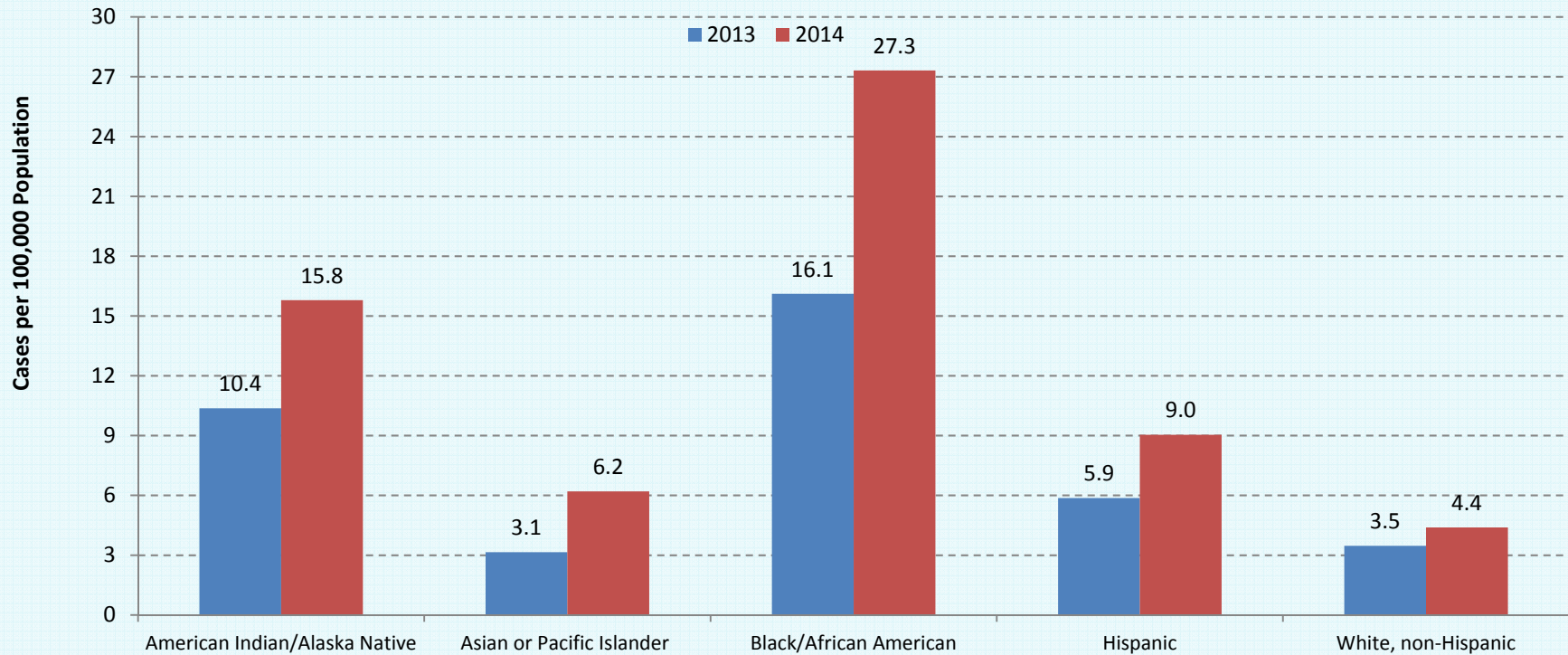
The percent that had sex with female(s) decreased in 2014 by 11% over 2013.

Primary, Secondary, and Early Latent Syphilis Rates by Age Group, Males New Mexico, 2013-2014

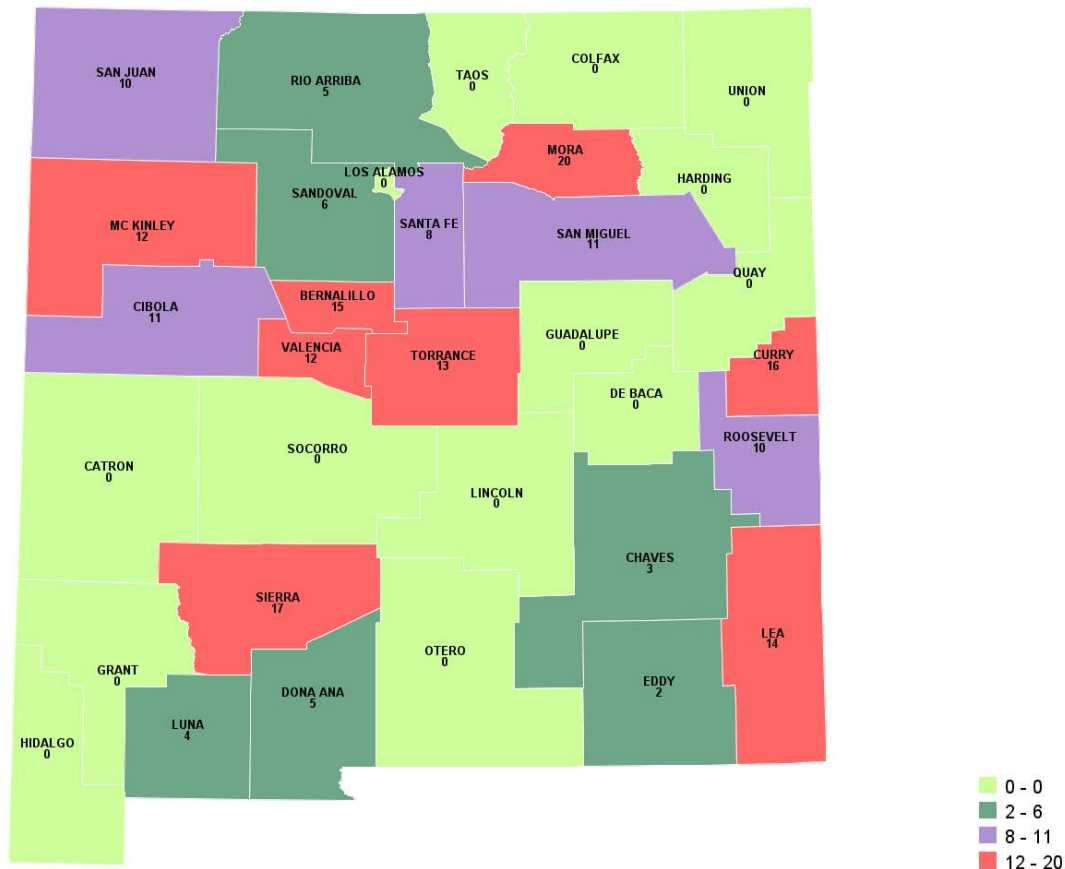


Compared to 2013, there was a large increase in P,S, and EL syphilis rates among men age 20-44 years old in 2014

Primary, Secondary, and Early Latent Syphilis Rates by Race/Ethnicity, NM, 2013 – 2014

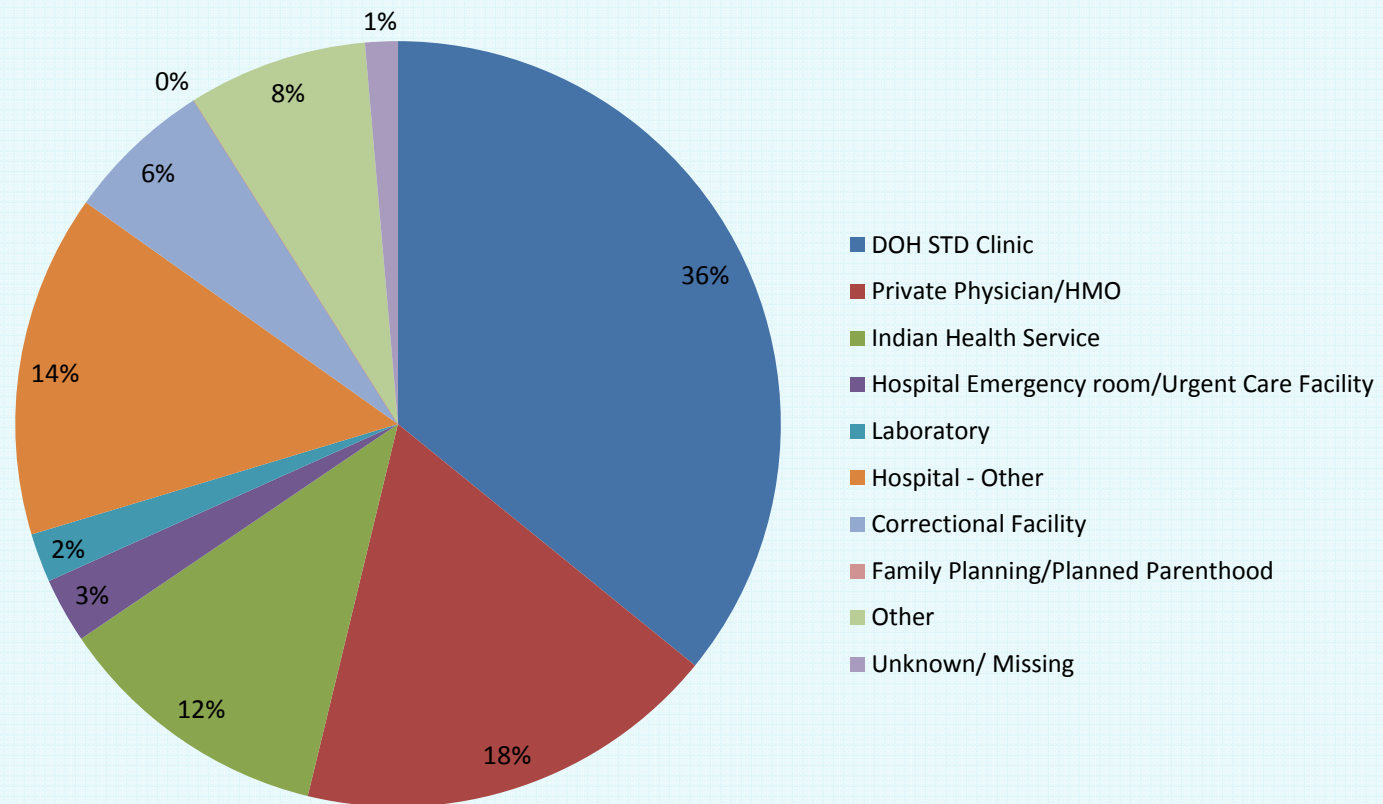


Primary, Secondary, and Early Latent Syphilis Rates by County, New Mexico, 2014



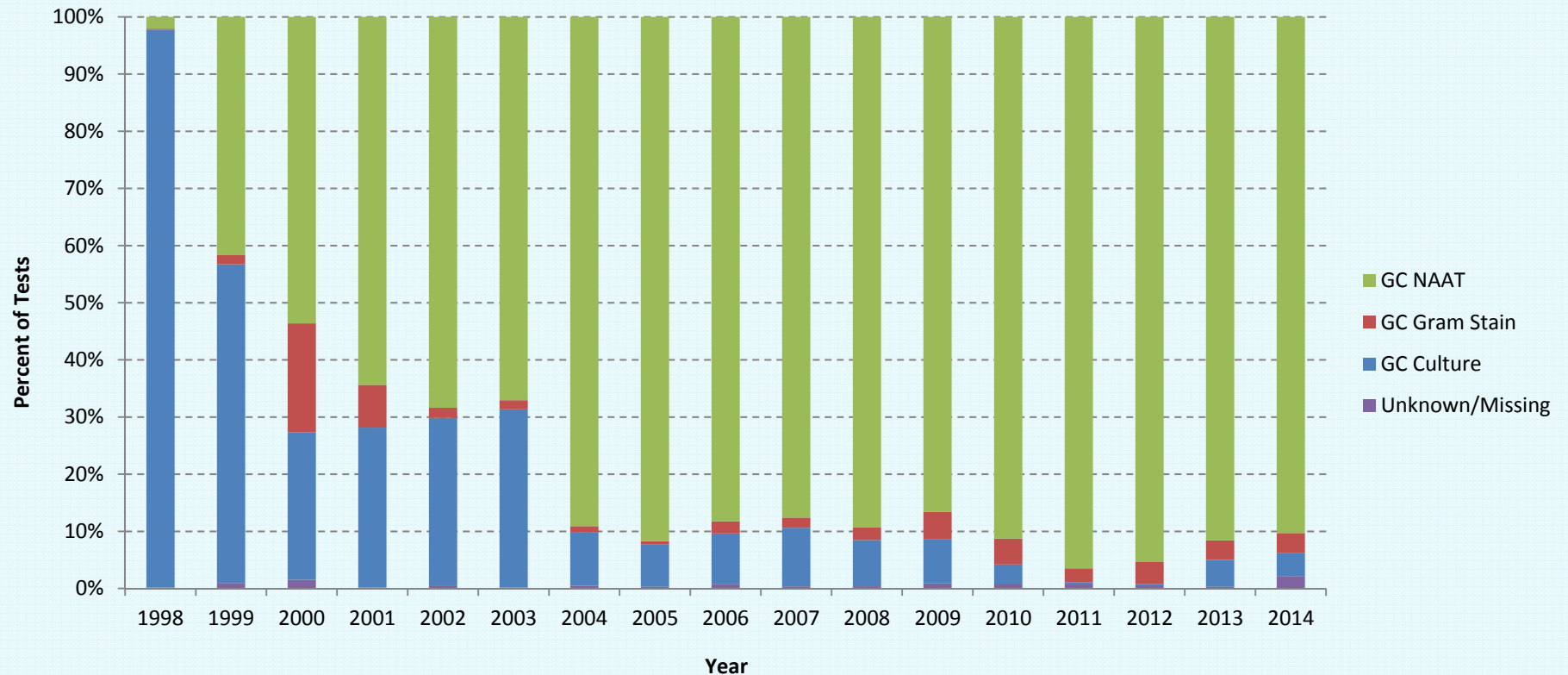
Rates per 100,000 by Quartile

Percent of Primary, Secondary and Early Latent Syphilis Cases by Diagnosing Provider New Mexico, 2014

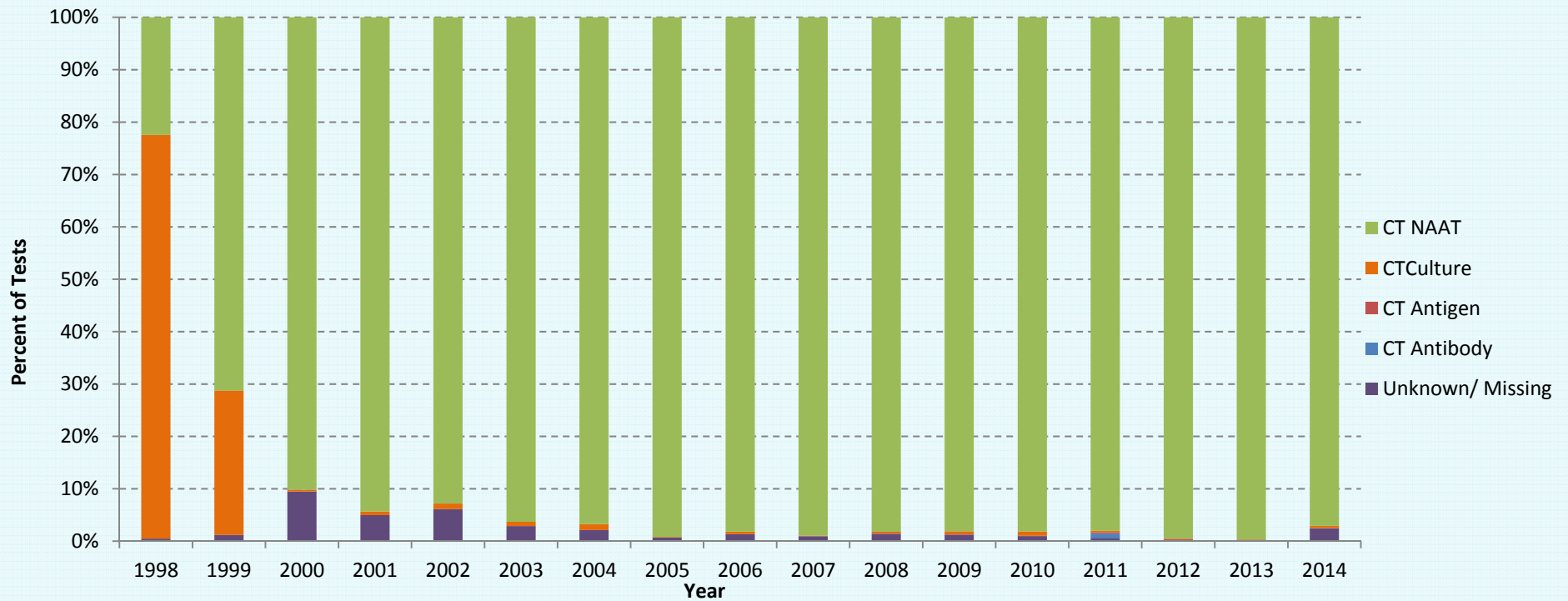


Gonorrhoea and Chlamydia Testing Methods

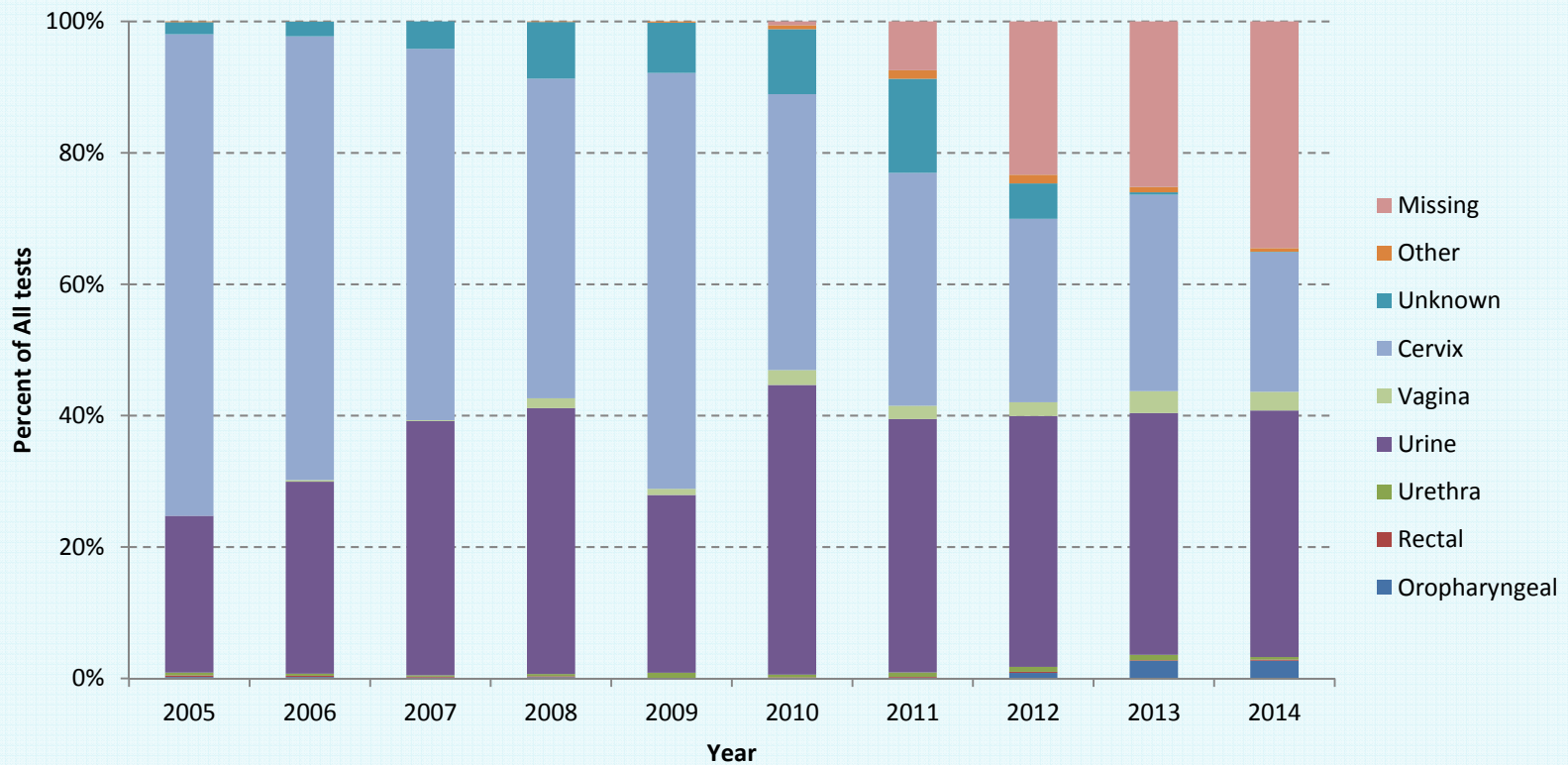
Changes in Gonorrhea Testing Methods, New Mexico, 1998 - 2014



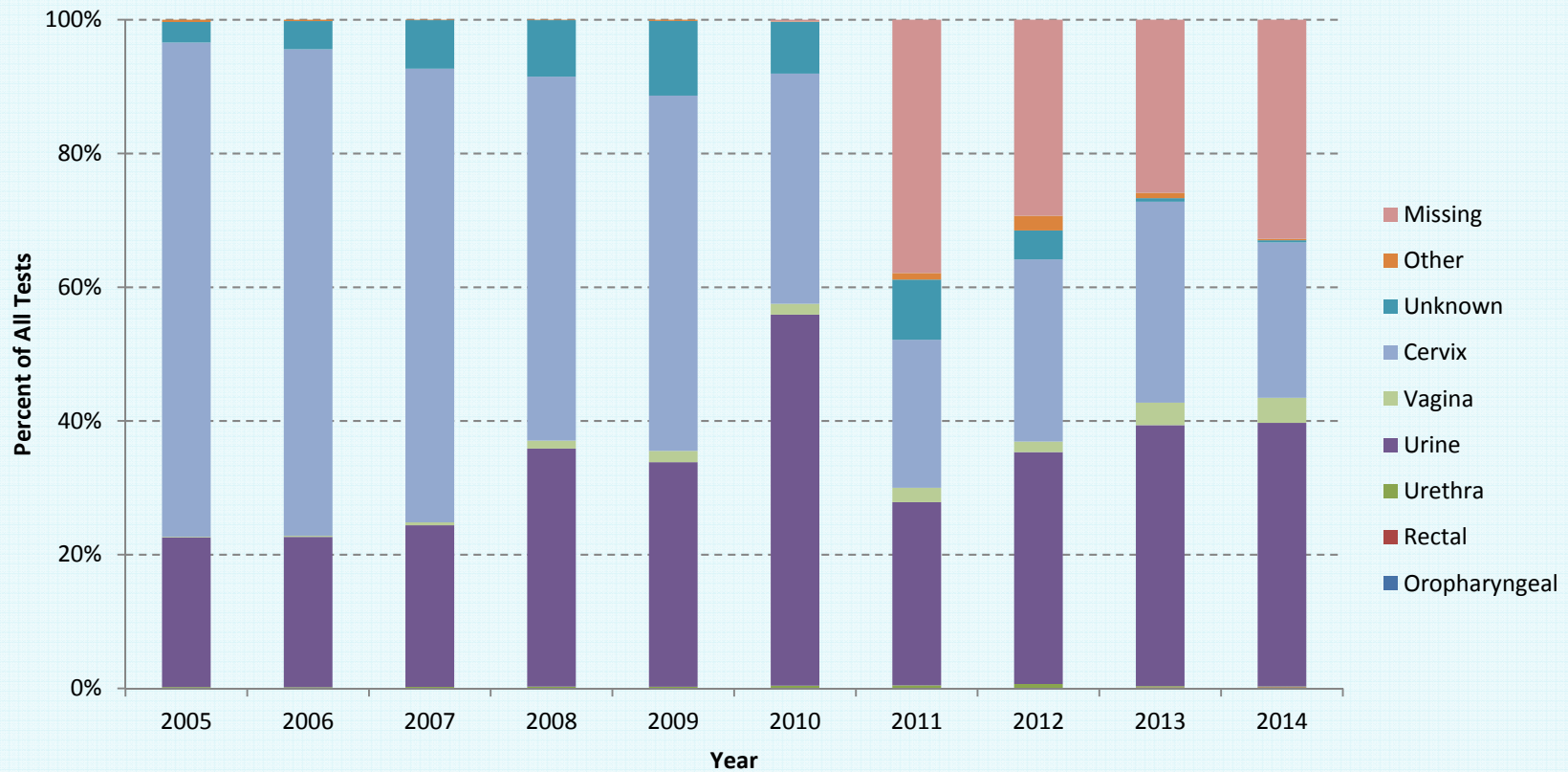
Changes in Chlamydia Testing Methods, New Mexico, 1998 - 2014



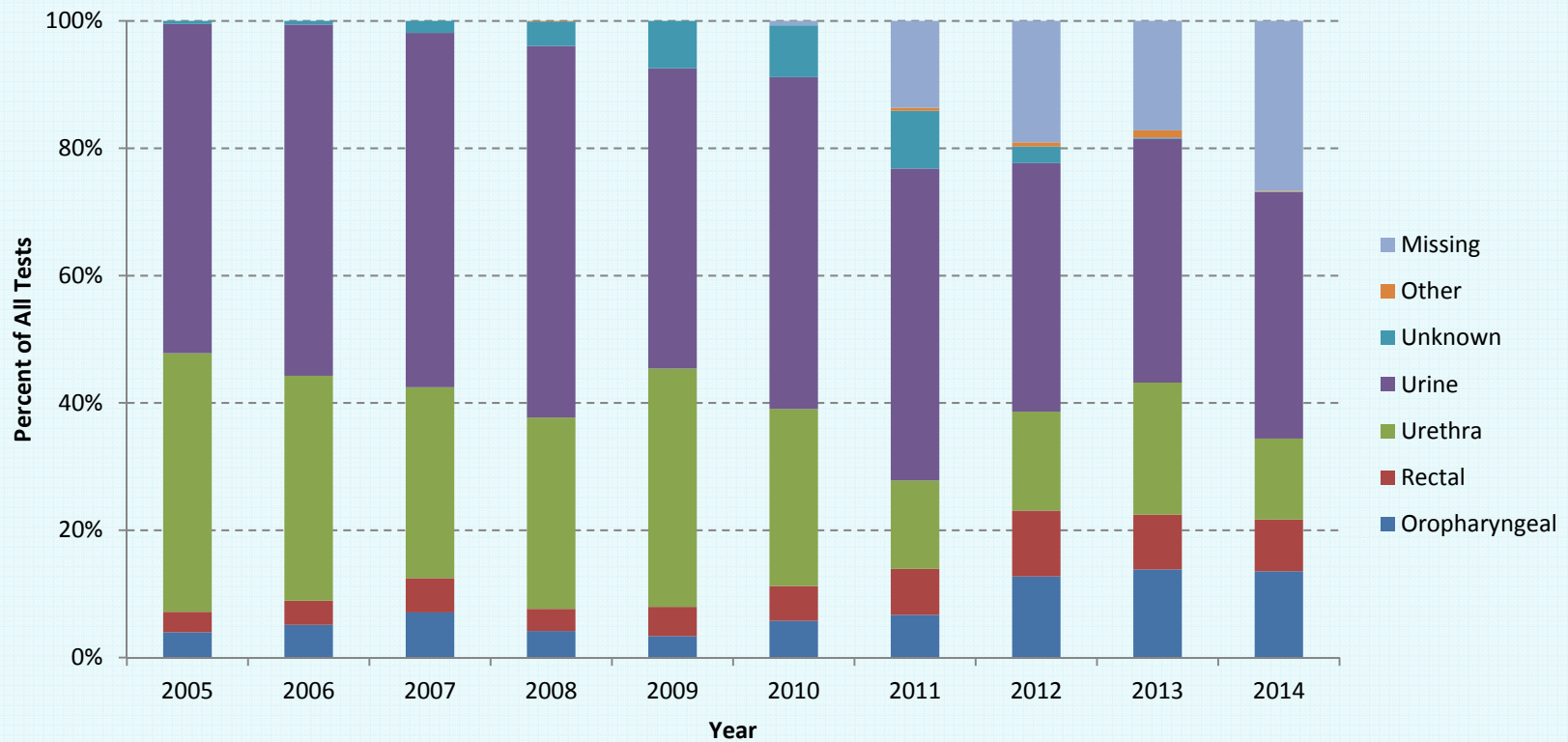
Specimen Source, All Gonorrhea Tests in PRISM, Females, New Mexico, 2005-2014



Specimen Source, All Chlamydia Tests in PRISM, Females, New Mexico, 2005-2014



Specimen Source, All Gonorrhea Tests in PRISM, Males, New Mexico, 2005-2014



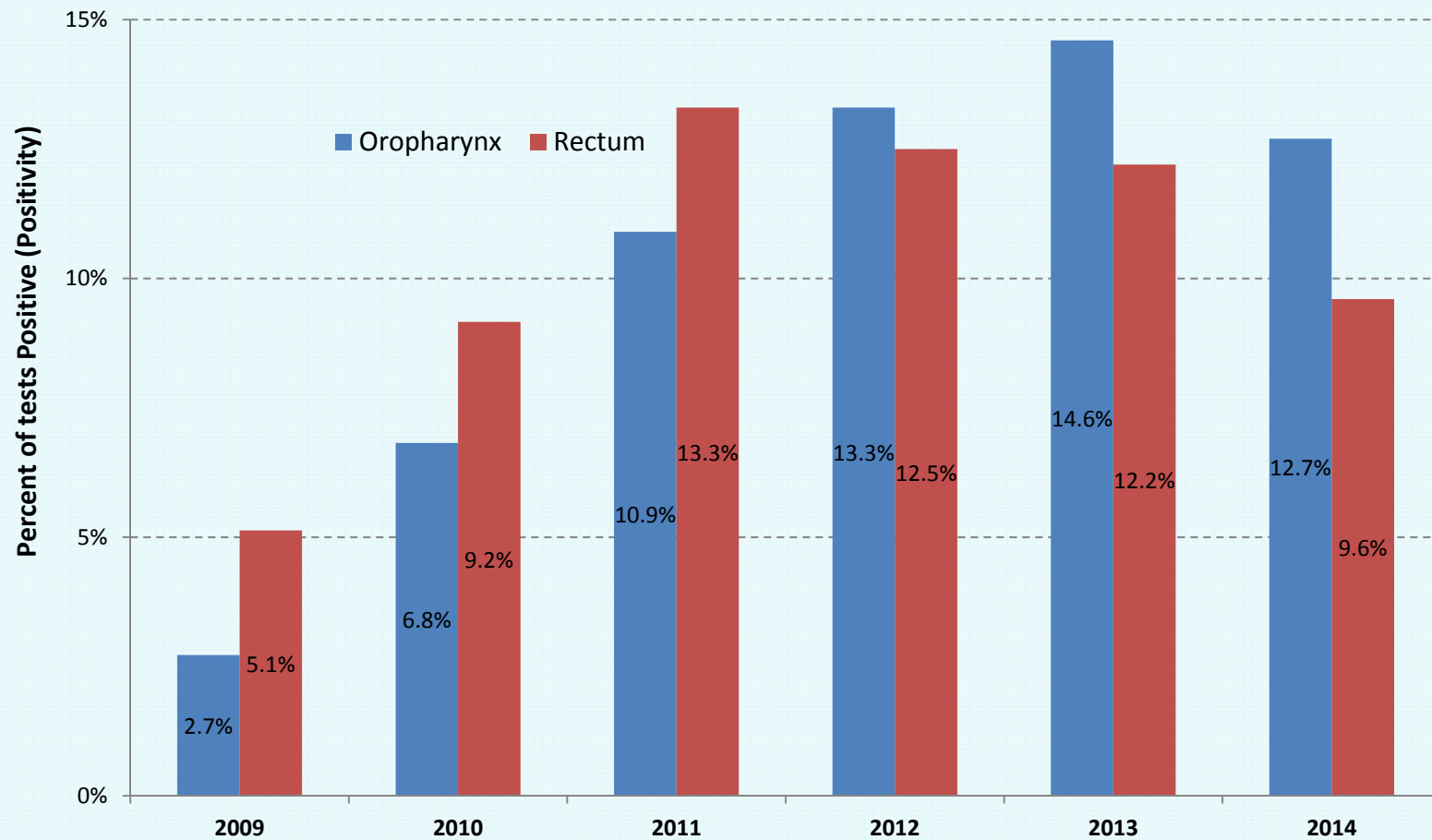
Specimen Source, All Chlamydia Tests in PRISM, Males, New Mexico, 2005-2014



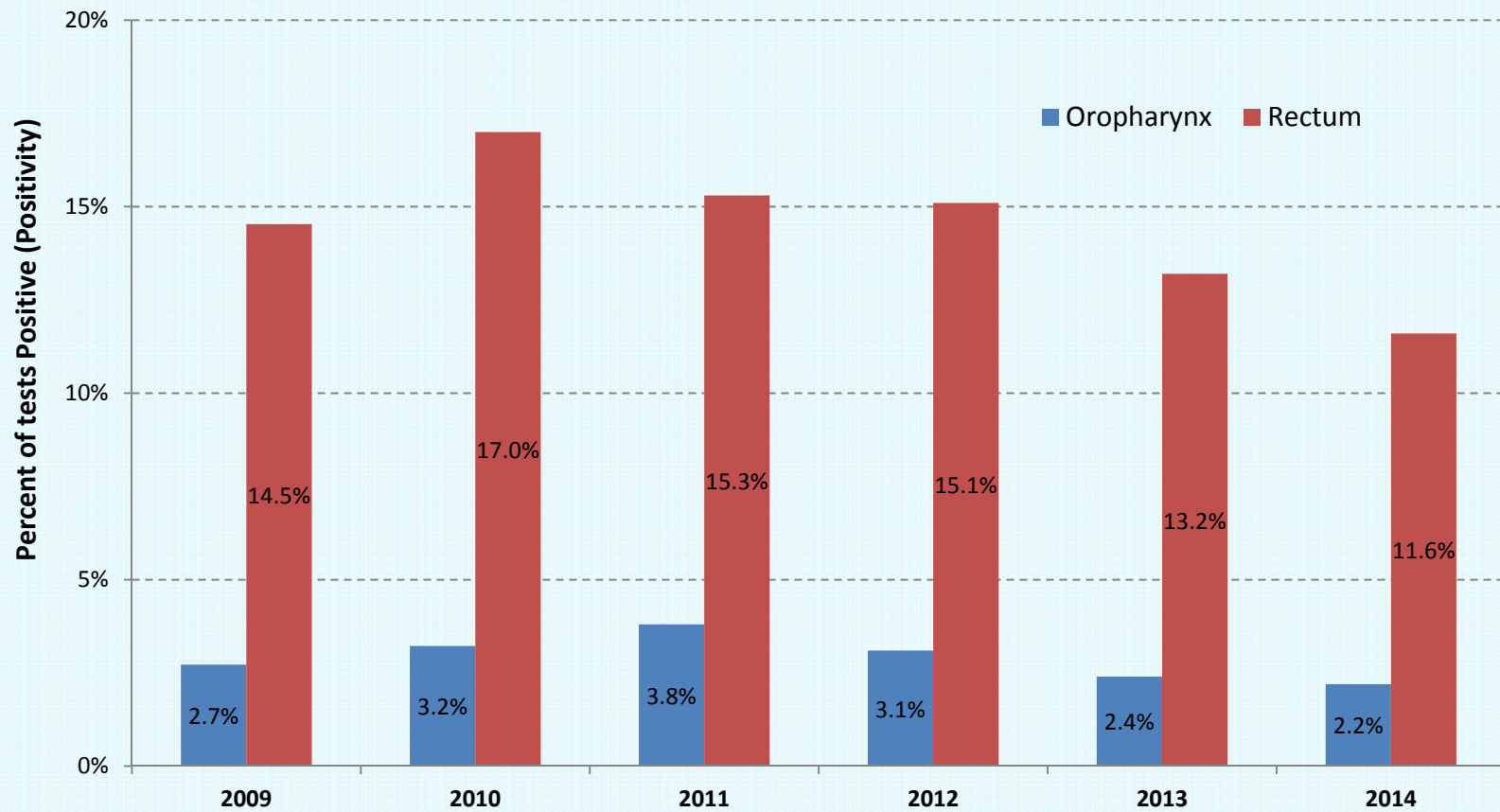
Special Populations

Men with Male Sex Partners (MSM)

GC Positivity among Men Tested at Alternate Sites, New Mexico, 2009 - 2014

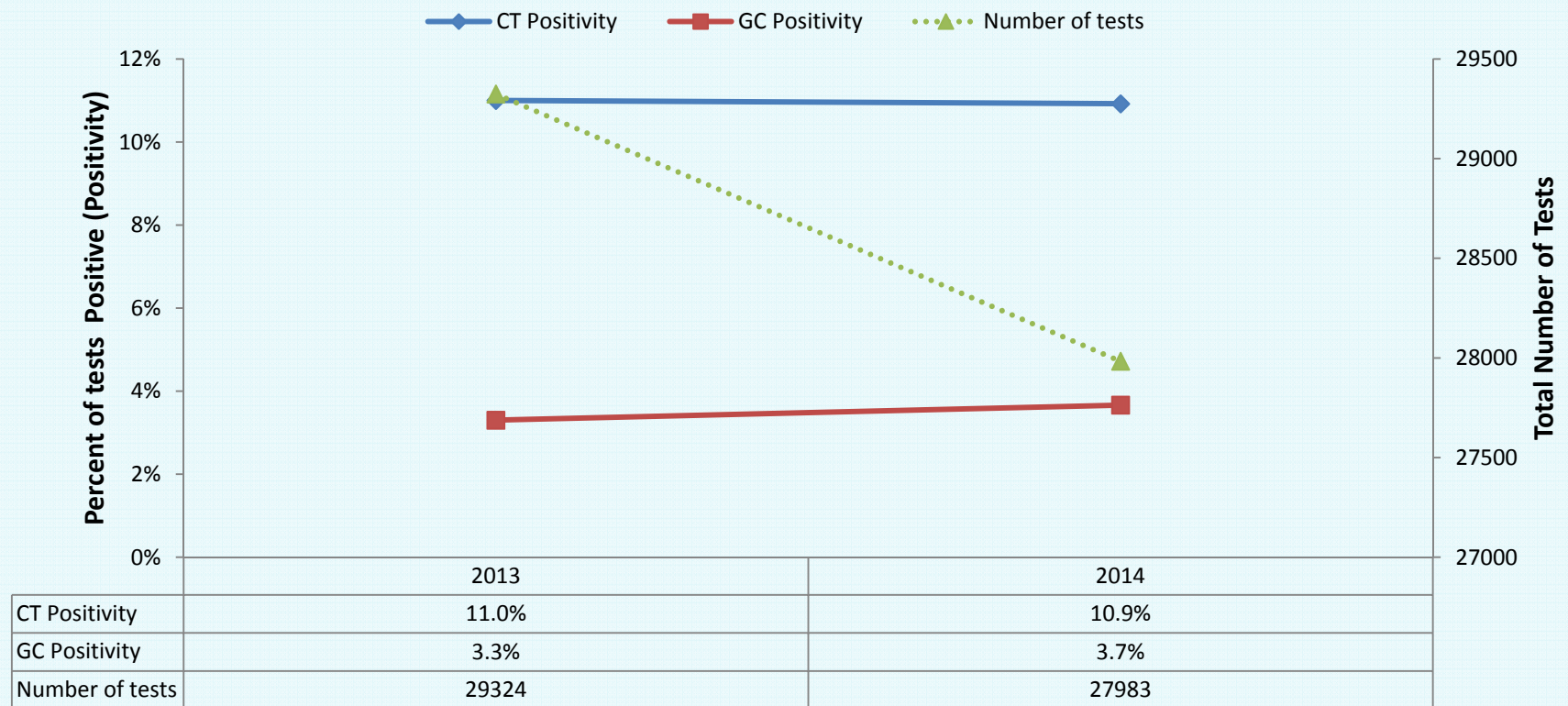


CT Positivity among Men Tested at Alternate Sites, New Mexico, 2009 - 2014



Streamlining DOH Testing Efforts

CT and GC Positivity and Testing Volume, 2013-2014

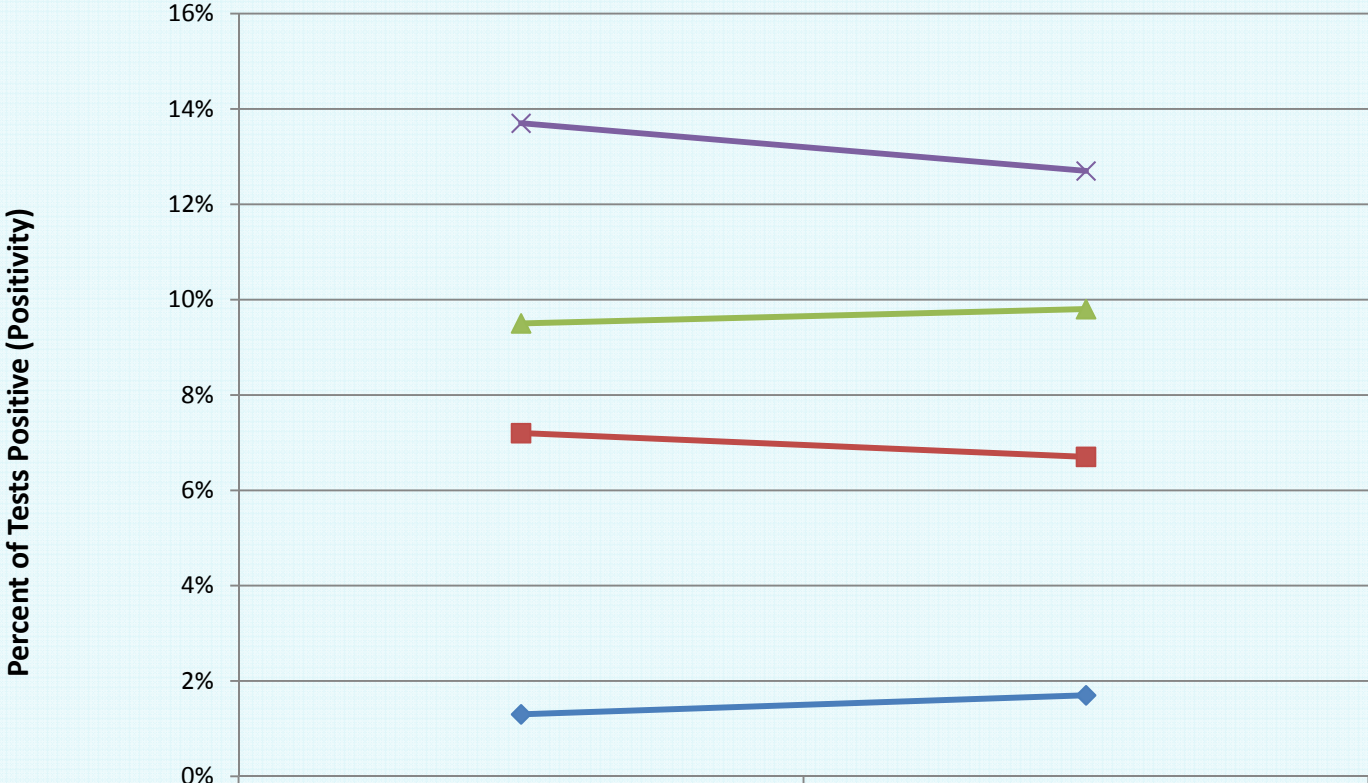


Testing ratios by sex changed from 2013 to 2014 : from 66% female in 2013 to 61% female in 2014, in males it increased from 34% in 2013 to 39% in 2014

% of tests in women age 25 remained fairly stable from 68% in 2013 to 67% in 2014

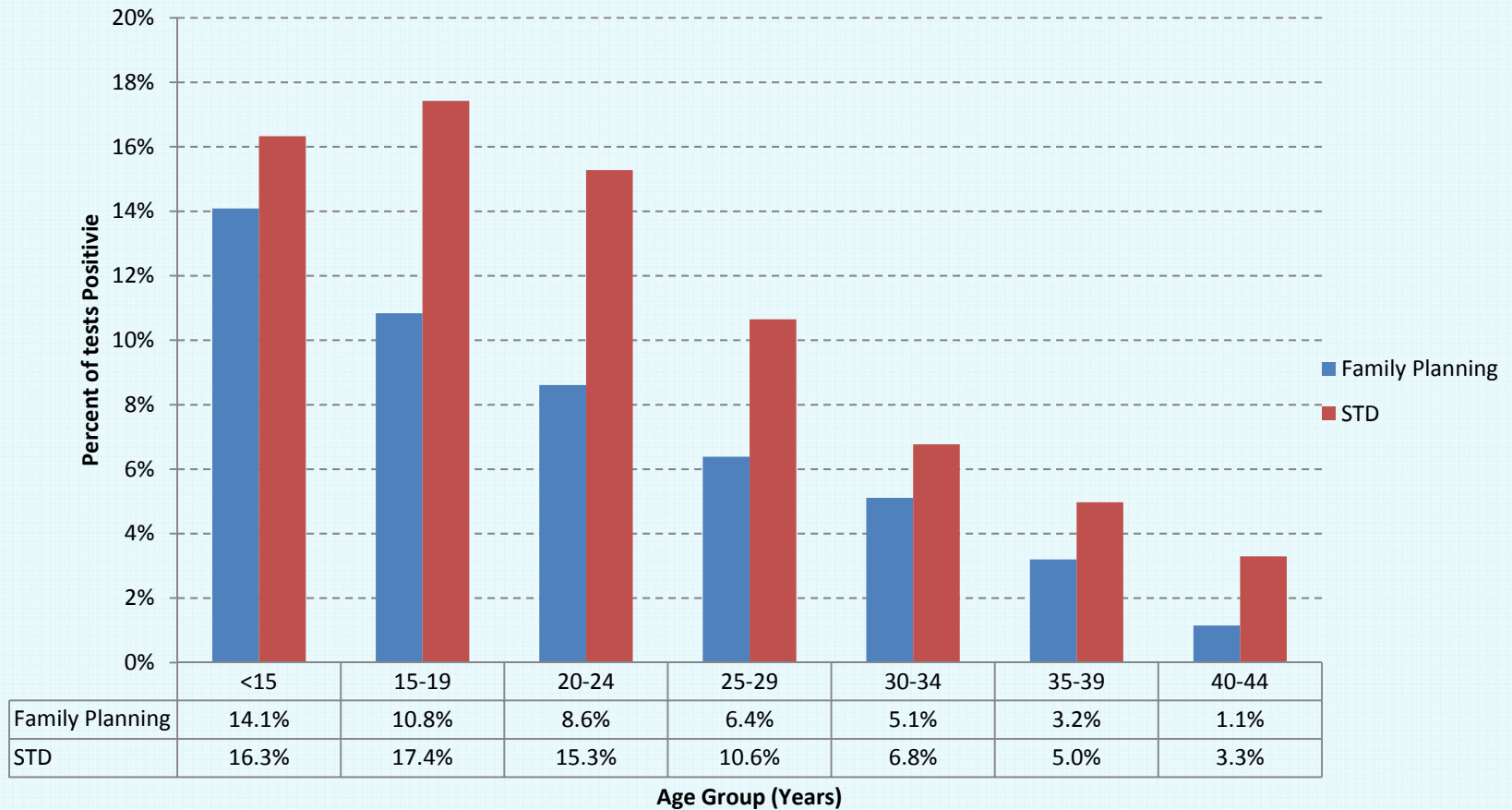
Gonorrhea and Chlamydia Testing in NM DOH Testing Programs

Chlamydia and Gonorrhea Positivity by Sex, all NMDOH Testing Sites, 2013-2014

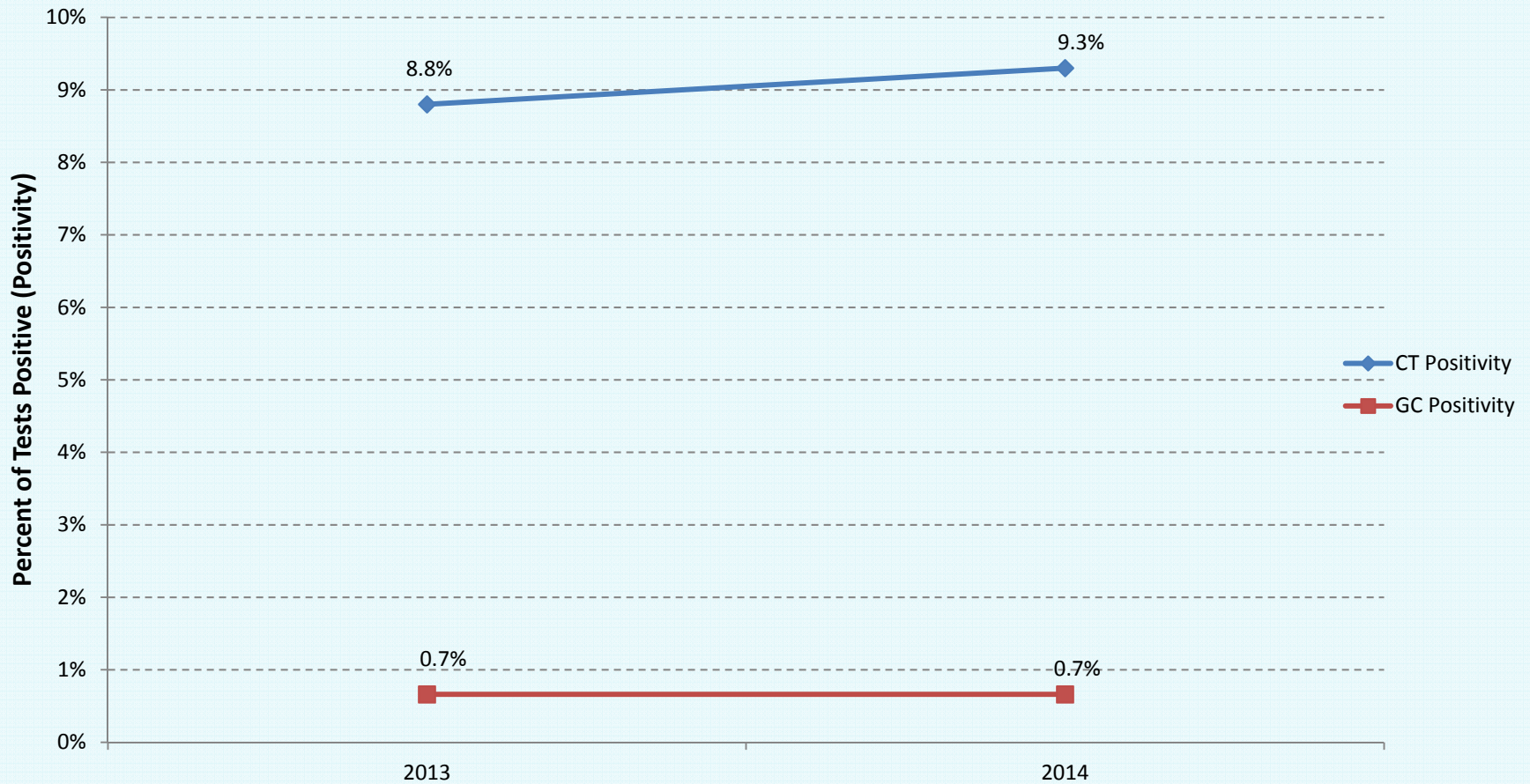


	2013	2014
GC Positivity - Females	1.3%	1.7%
GC Positivity - Males	7.2%	6.7%
CT Positivity - Females	9.5%	9.8%
CT Positivity - Males	13.7%	12.7%

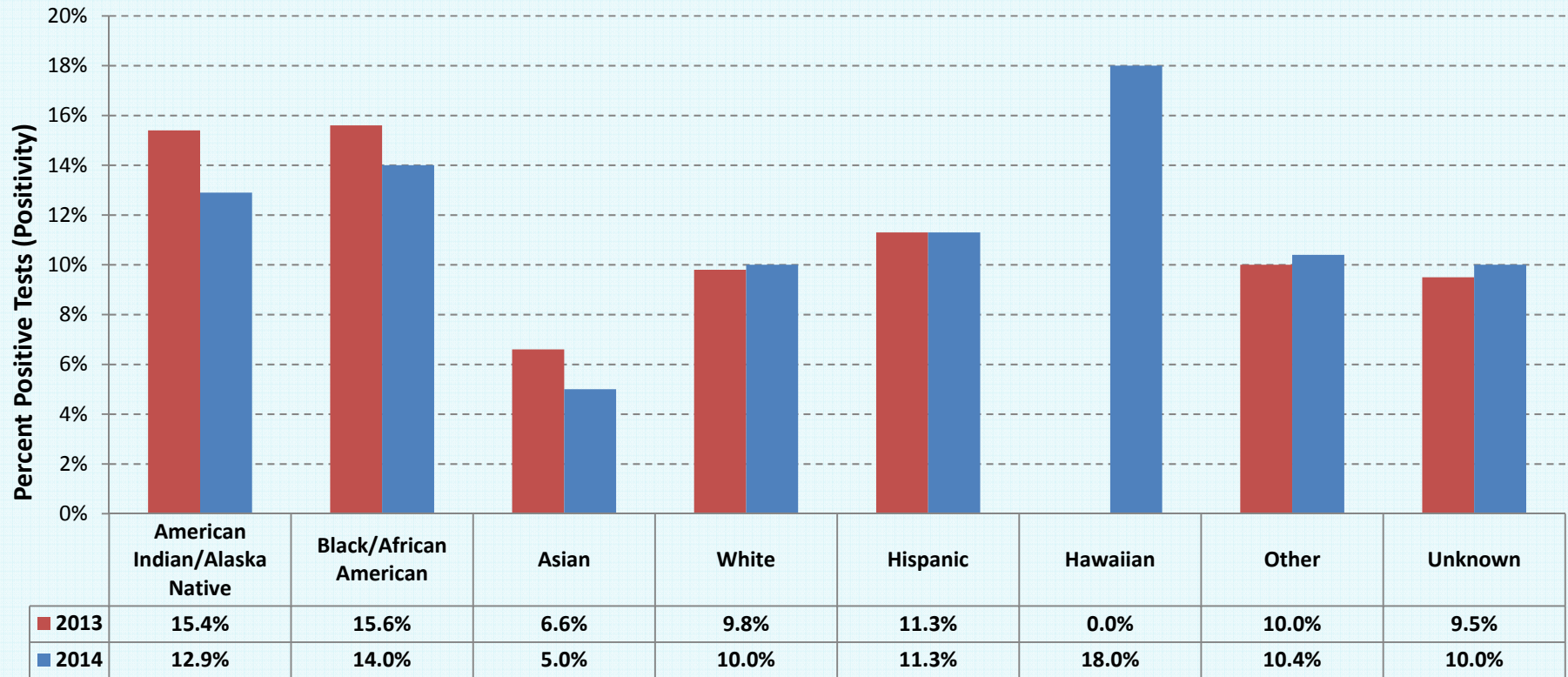
Chlamydia Positivity by Clinic Type, Females, all NM DOH Test Sites, 2014



Chlamydia and Gonorrhea Positivity, Females ≤ 25 years, Tested in NMDOH Family Planning Sites, 2013-2014



Chlamydia Positivity by Race/ Ethnicity, all NMDOH Test Sites, 2013-2014



Gonorrhea Positivity by Race/ Ethnicity, all NMDOH Test Sites, 2013-2014

