



New Mexico STD Program Summary Slides 2012

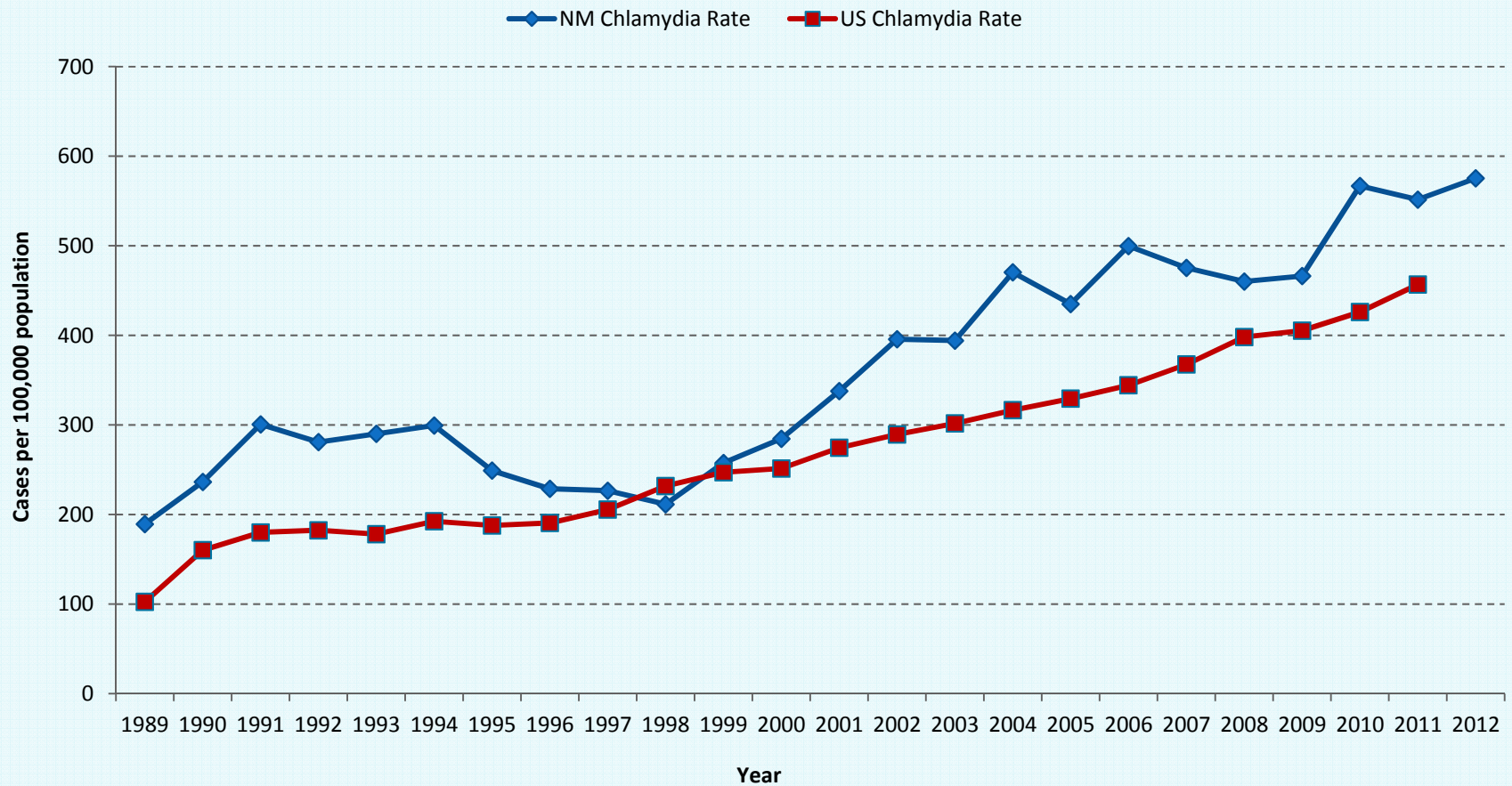
Daniel Burke, STD Program Manager

Angie Bartok, Epidemiologist

Lewis Smith, Surveillance Coordinator

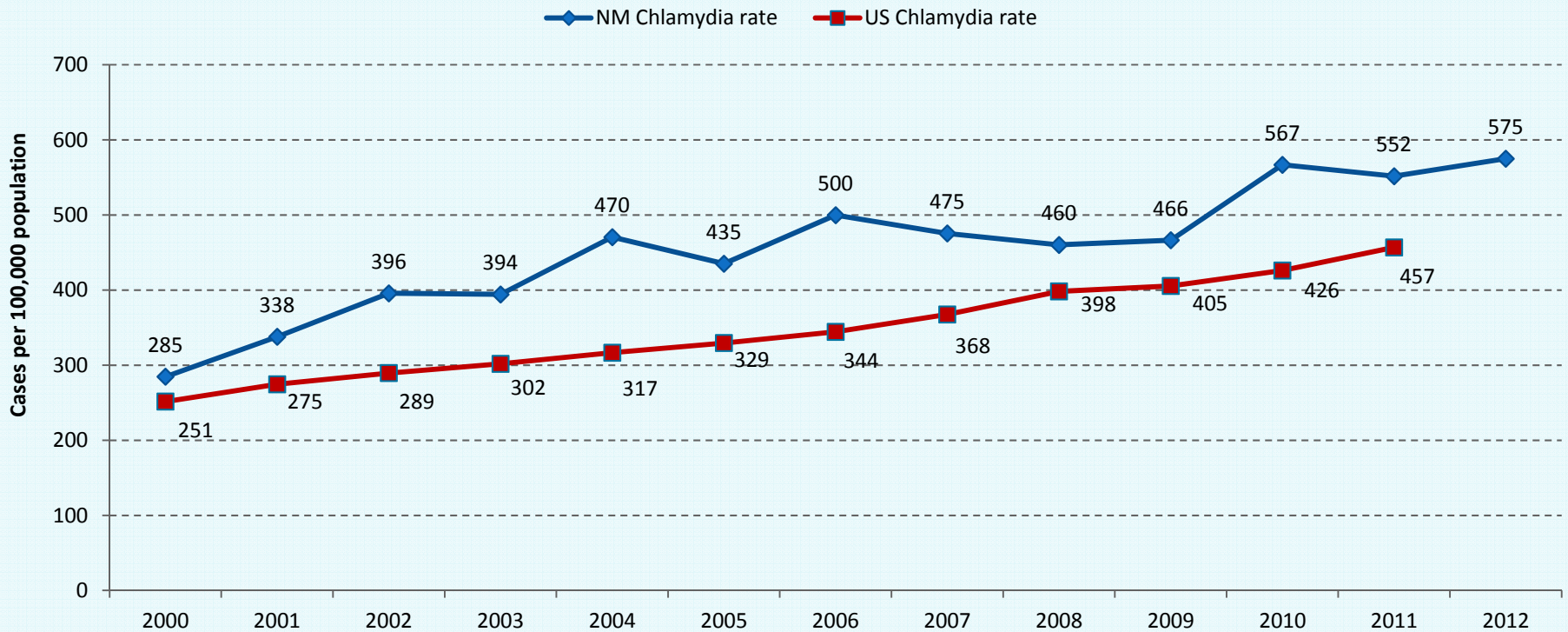
Margo Yee, Surveillance Coordinator

Historical Trends in Chlamydia Rates, New Mexico vs. US



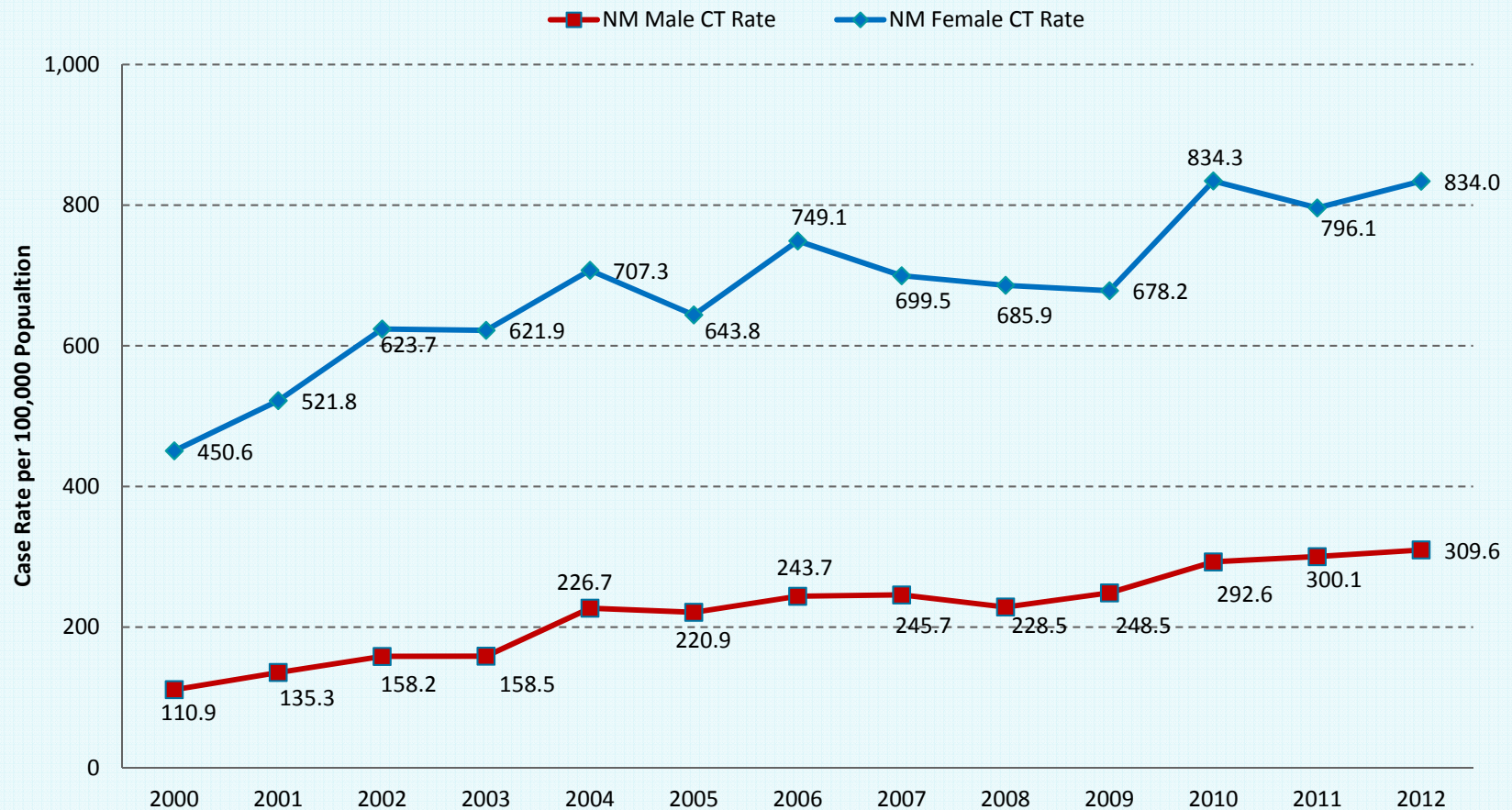
Chlamydia Rates, NM vs. US. 2000-2012

Chlamydia Rates, New Mexico and US, 2000 - 2012

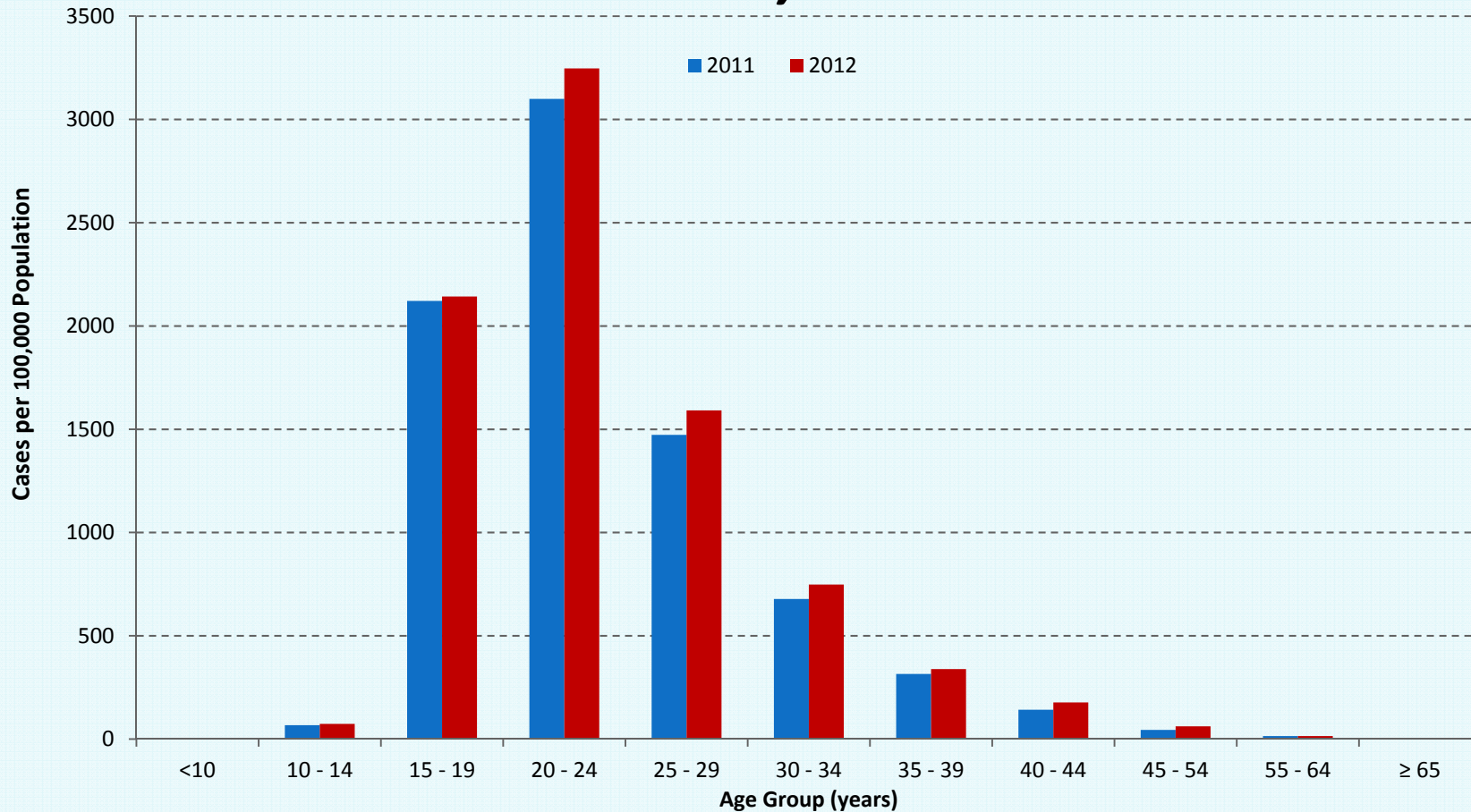


NM ranked 8th in the nation for chlamydia rates in 2011

Chlamydia Rates by Sex, New Mexico, 2000 - 2012

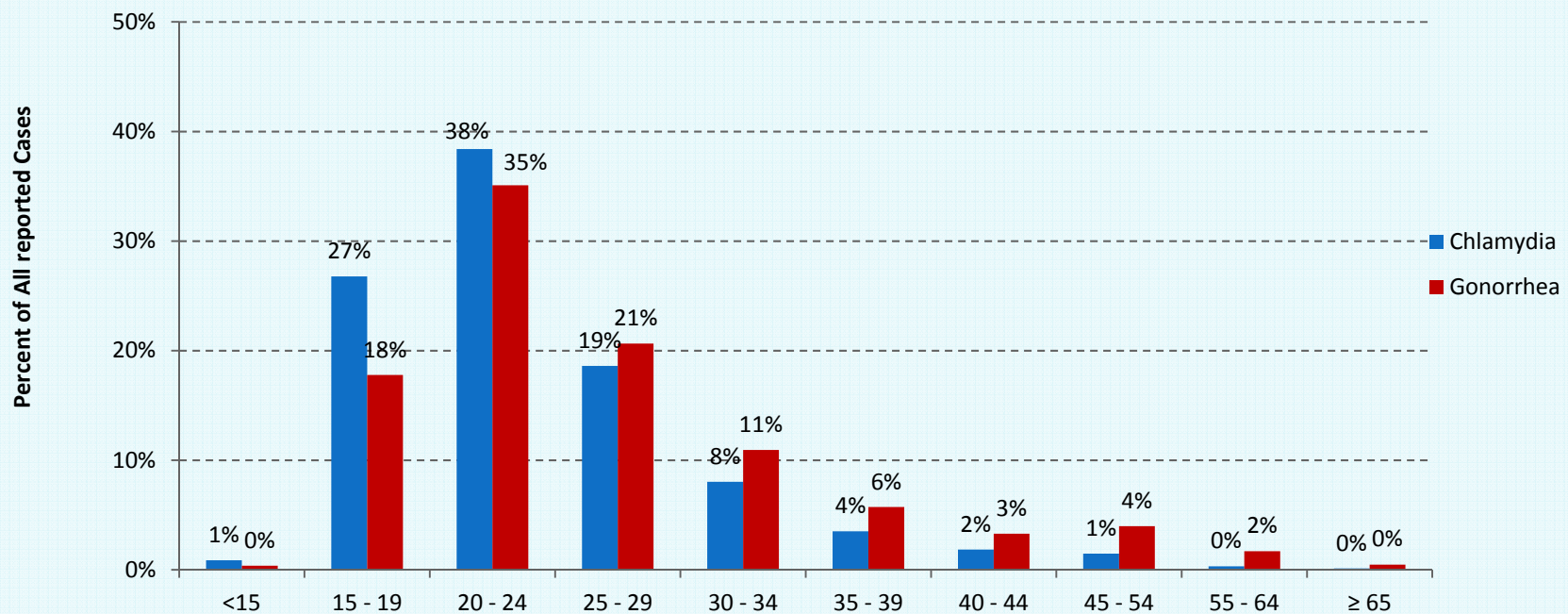


Chlamydia Rates by Age Group, New Mexico, 2011 - 2012



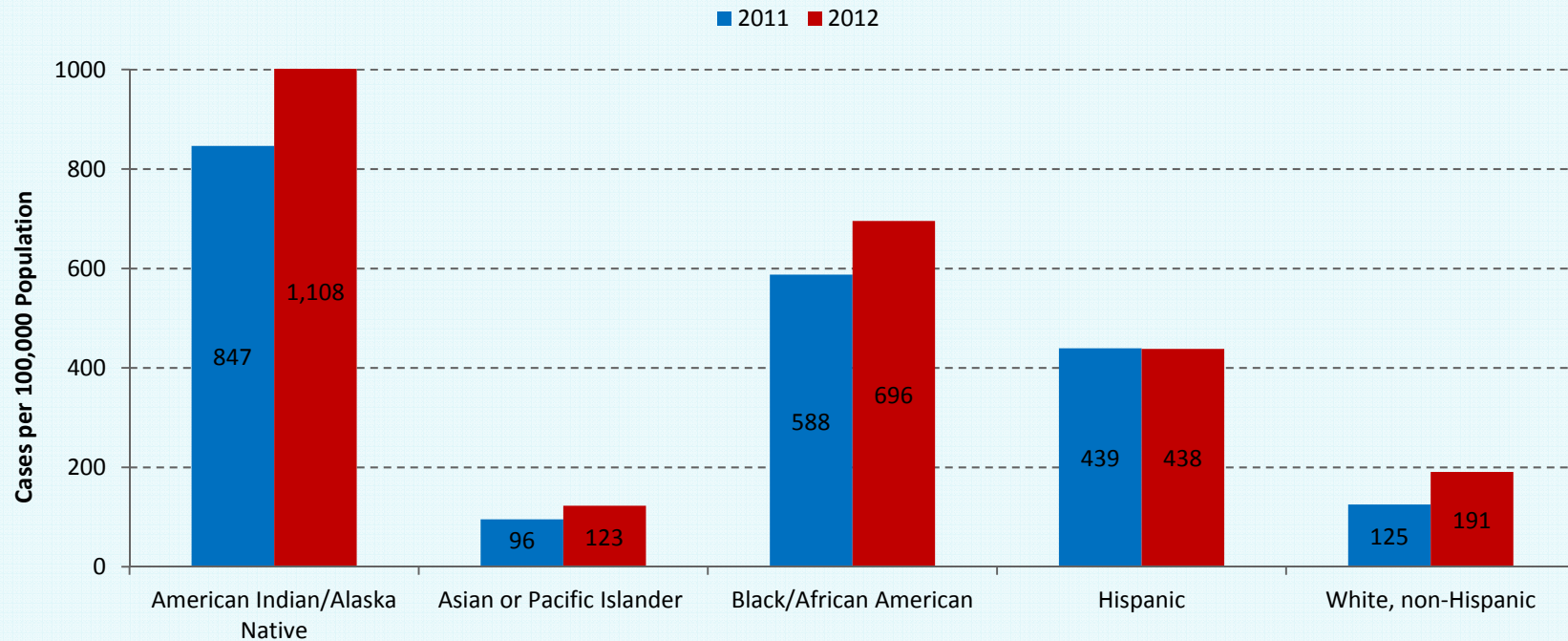
Chlamydia predominantly affects adolescents and young adults, with rates of infection highest among 20-24 year olds followed by 15-19 year olds

Percent of Reported Chlamydia and Gonorrhea Cases by Age Group, New Mexico, 2012



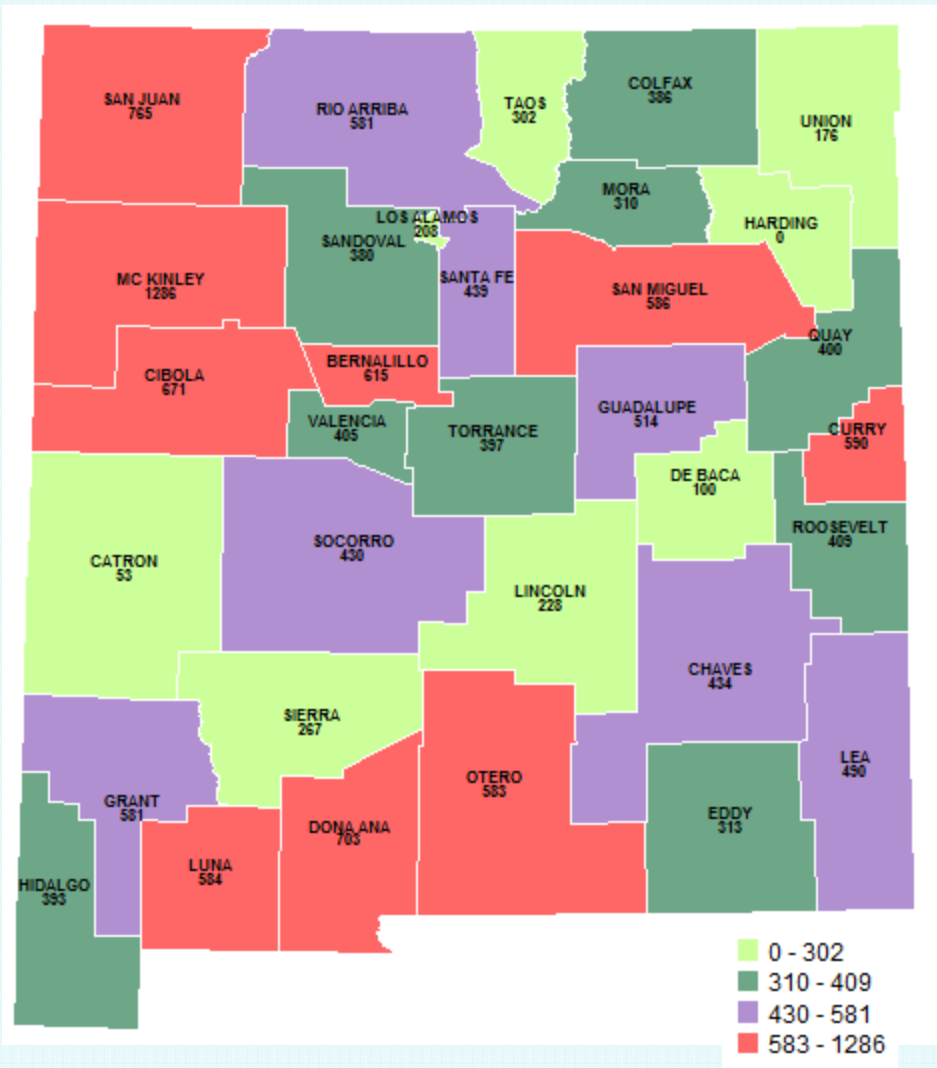
- **65% of reported chlamydia cases are among persons ages 15-24 years**
- **53% of reported gonorrhea cases are among persons age 15-24 years**

Chlamydia Rates by Race/ Ethnicity, New Mexico, 2011 - 2012



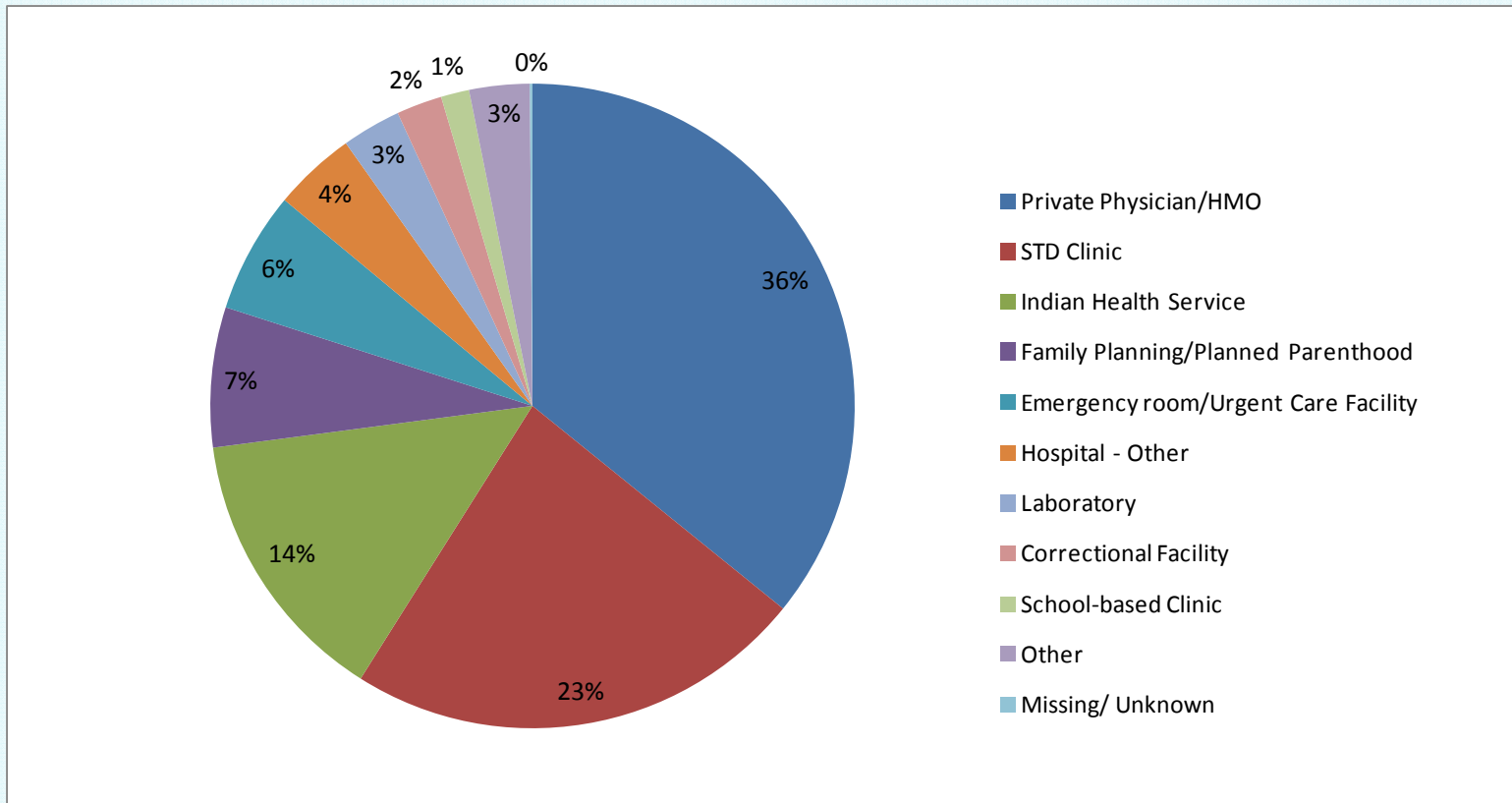
**Similar to national level data, chlamydia rates show health disparities:
Chlamydia disproportionately affects African American, American Indian, and
Hispanic populations in New Mexico**

Chlamydia Rates per 100,000 by County, New Mexico, 2012

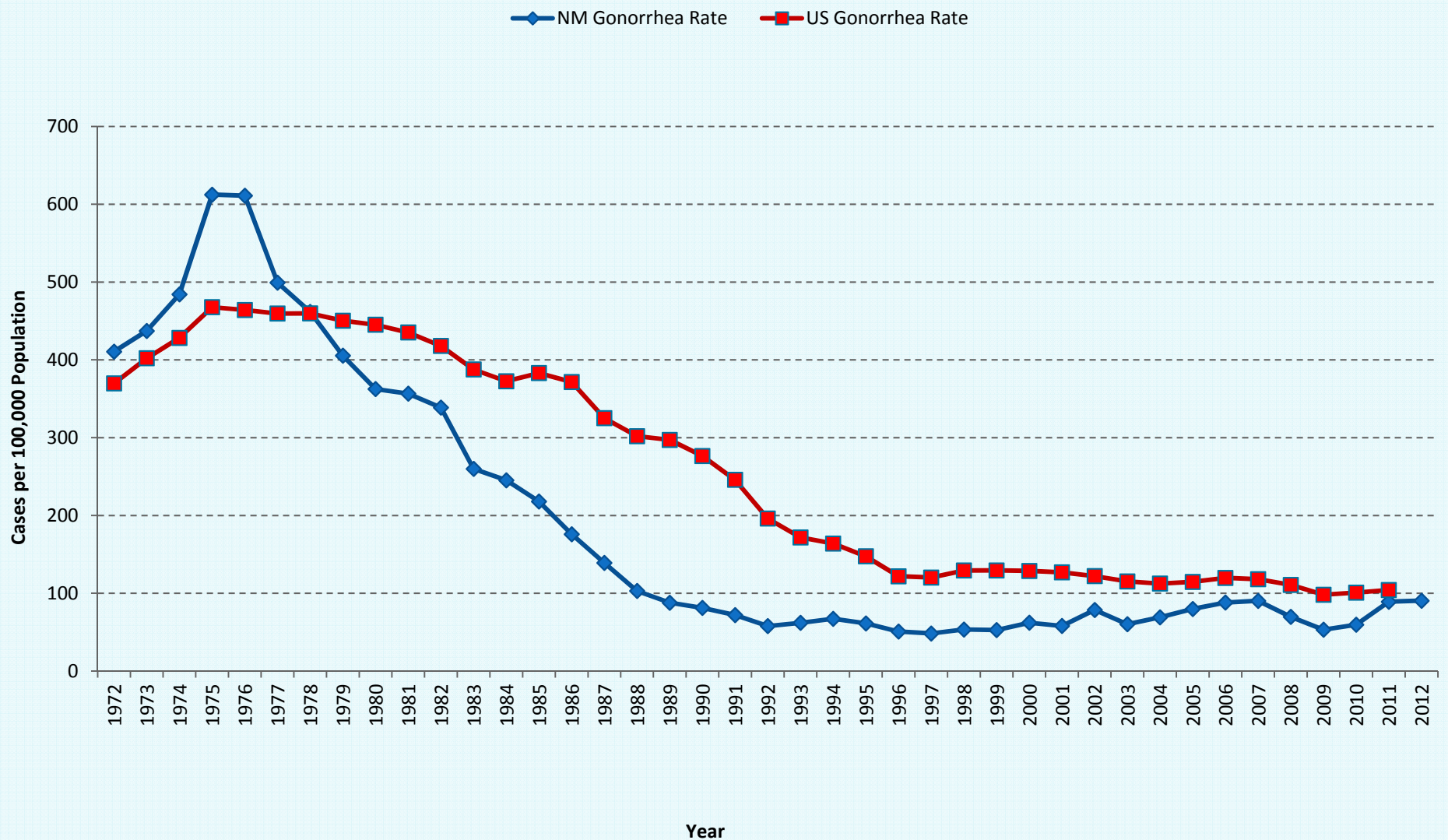


Rates per 100,000 by Quartile

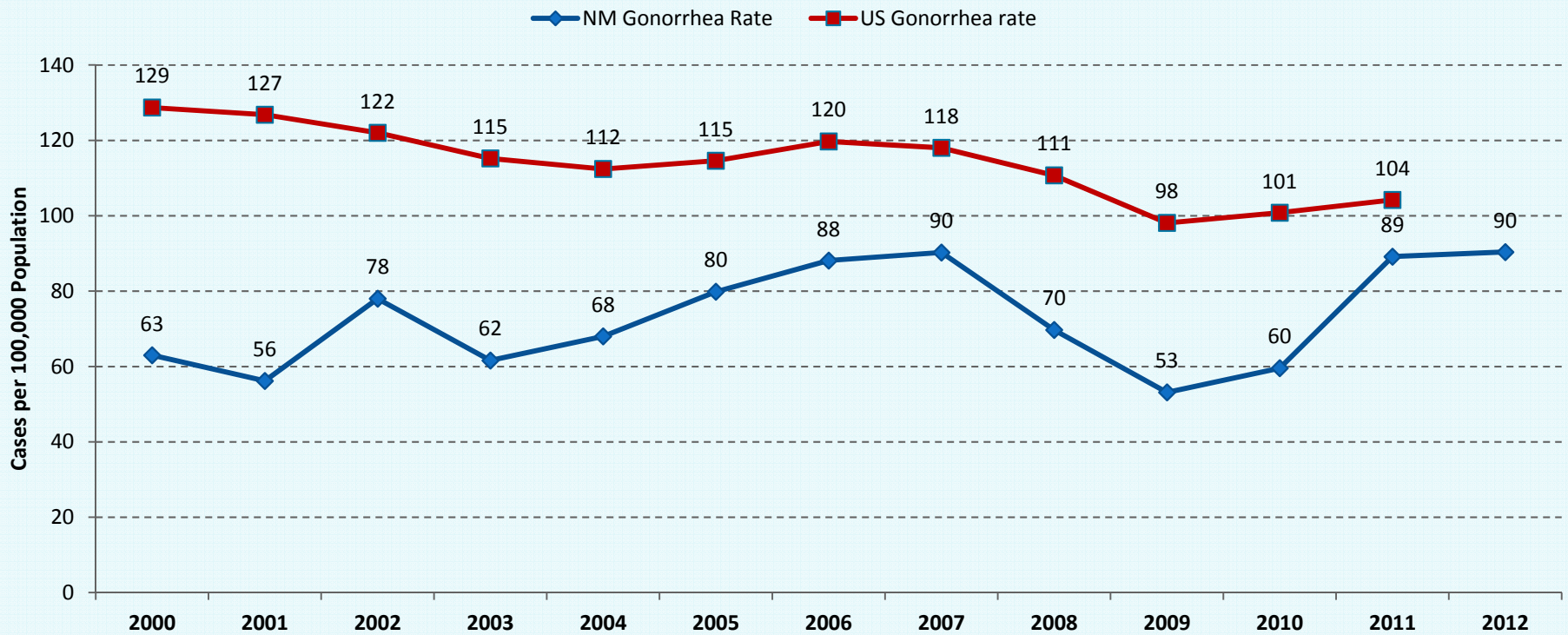
Percent of Chlamydia Cases by Diagnosing Provider Type, 2012



Historical Trends in Gonorrhea Rates, New Mexico vs. US

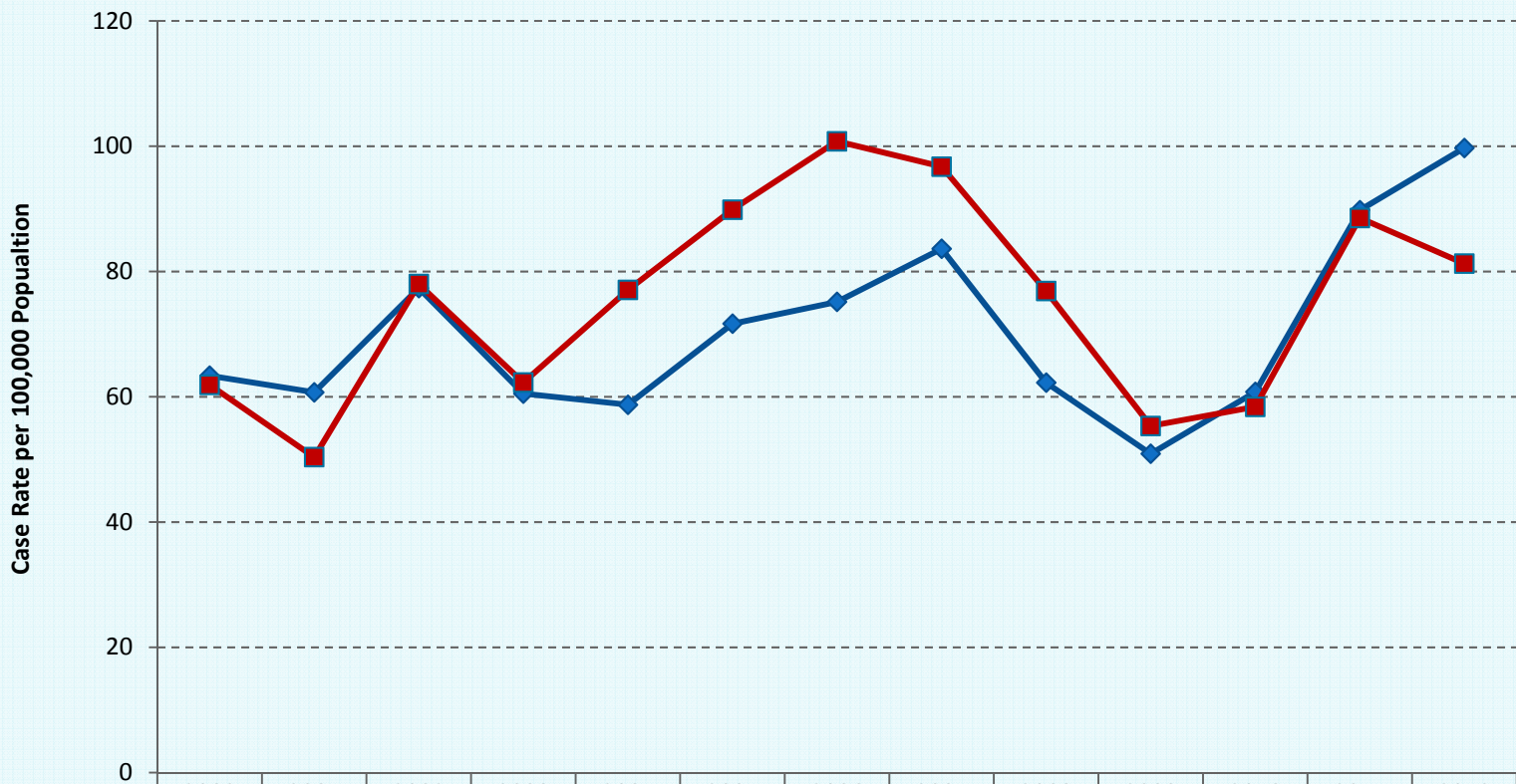


Gonorrhea Rates in New Mexico vs. US, 2000-2012



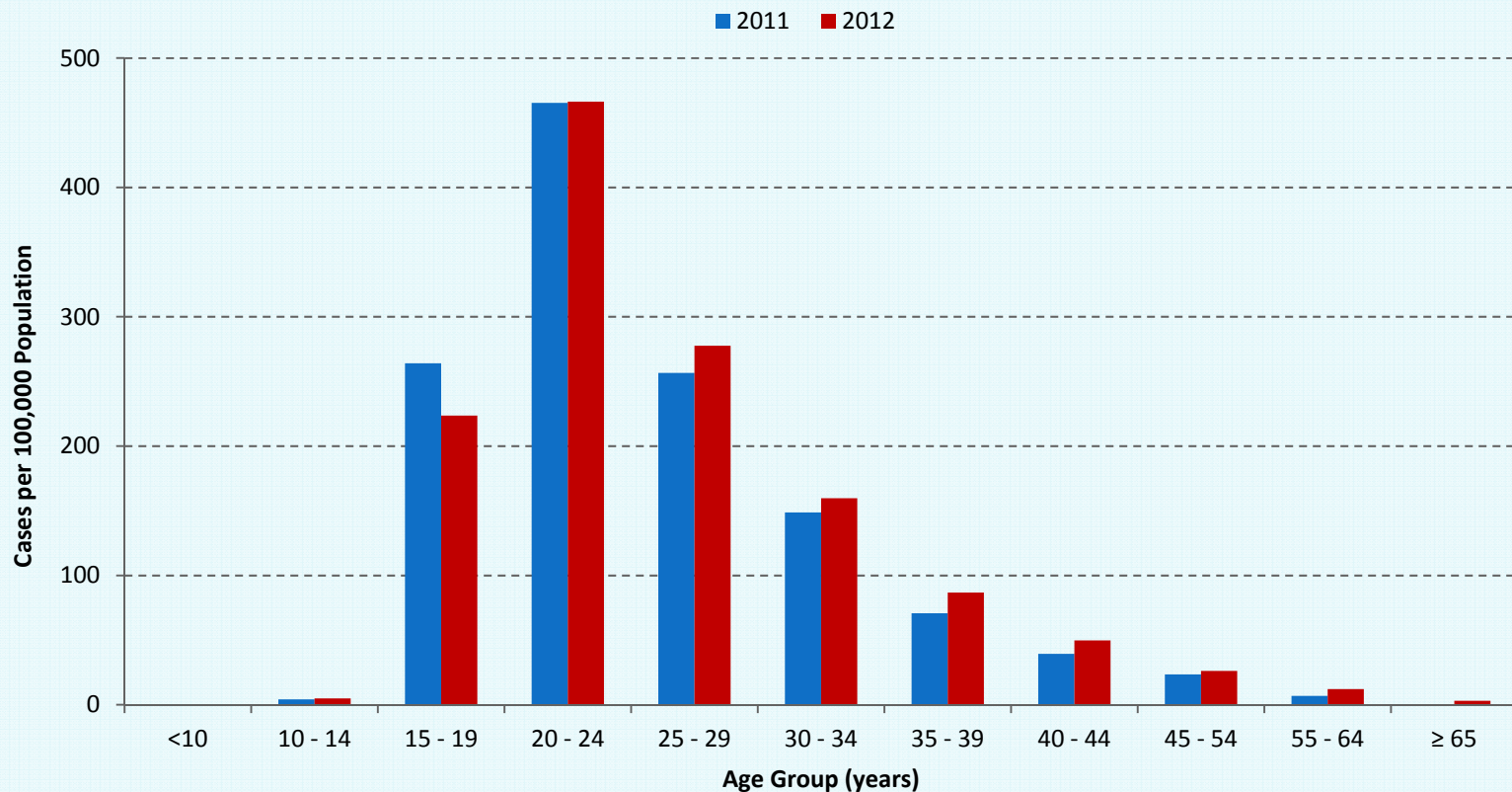
- **New Mexico experienced a 2.3% increase in gonorrhea cases from 2011 to 2012, in comparison to the 50% increase in gonorrhea cases from 2010 to 2011**
 - **Remaining at rates of infection previously seen in 2007**

Gonorrhea Rates by Sex, New Mexico, 2000-2012



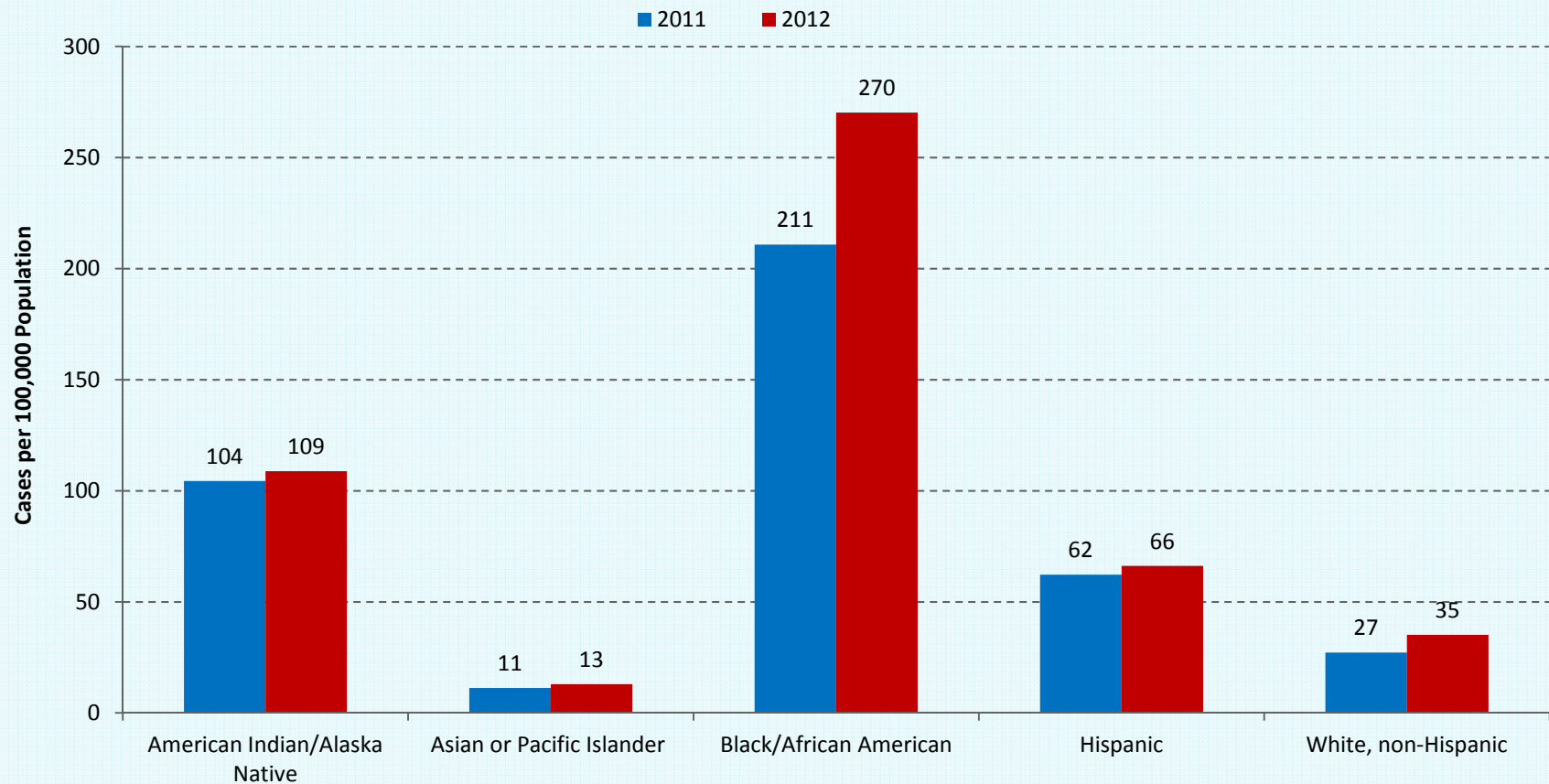
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
◆ NM Male GC Rate	63.4	60.7	77.3	60.5	58.7	71.7	75.1	83.6	62.2	50.9	60.8	89.8	99.7
■ NM Female GC Rate	61.9	50.4	78.0	62.3	77.0	89.9	100.8	96.7	76.9	55.3	58.4	88.5	81.3

Gonorrhea Rates by Age Group, New Mexico, 2011 - 2012



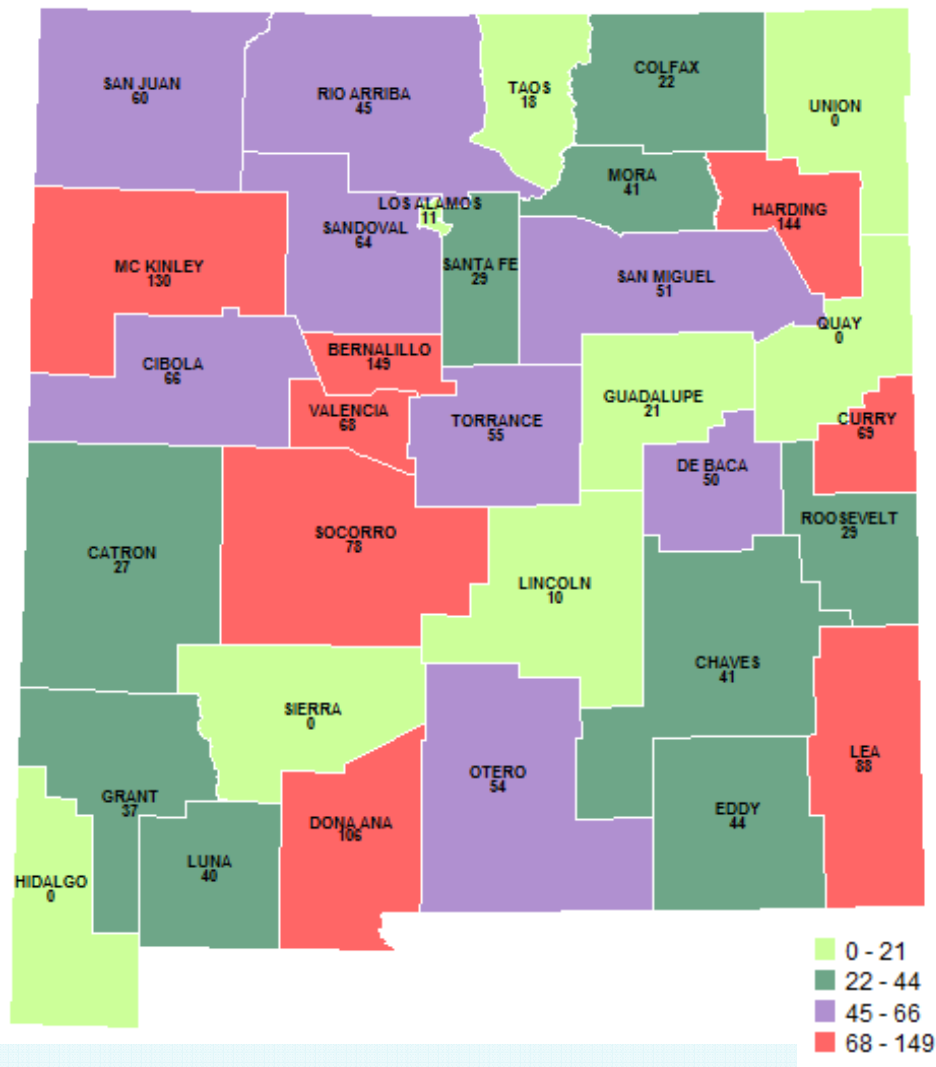
- **Gonorrhea rates increased in age groups > 25 years from 2011 to 2012**
- **Rates in 2012 among women ages 15-19 decreased by 16% compared to 2011**
- **Rates in 2012 among men ages 20-24 up by 10% compared to 2011**

Gonorrhea Rates by Race/ Ethnicity, New Mexico, 2011 - 2012



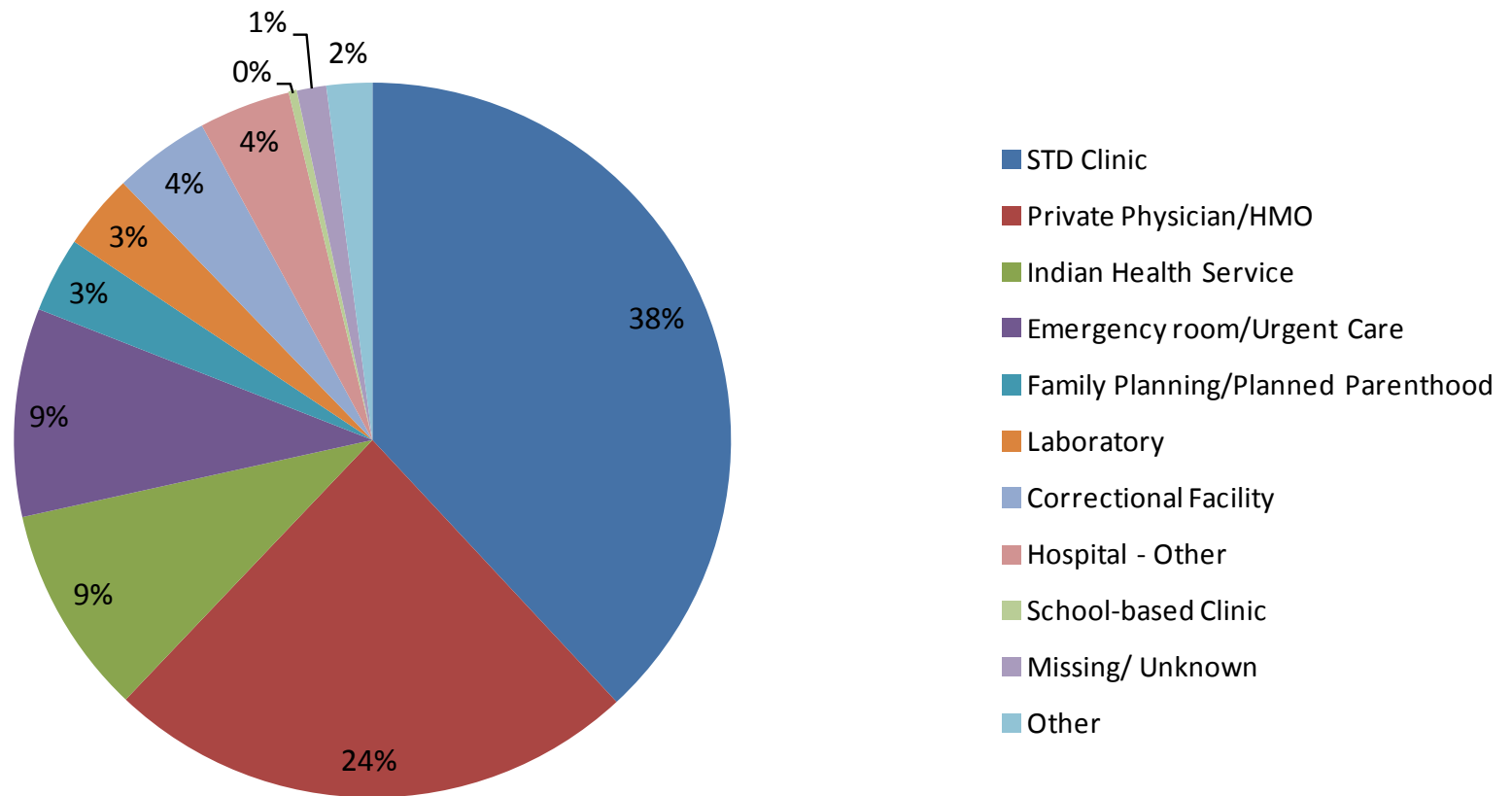
**Similar to national level data, gonorrhea rates show health disparities:
Gonorrhea disproportionately affects African American, American Indian, and
Hispanic populations in New Mexico**

Gonorrhea Rates per 100,000 by County, New Mexico, 2012

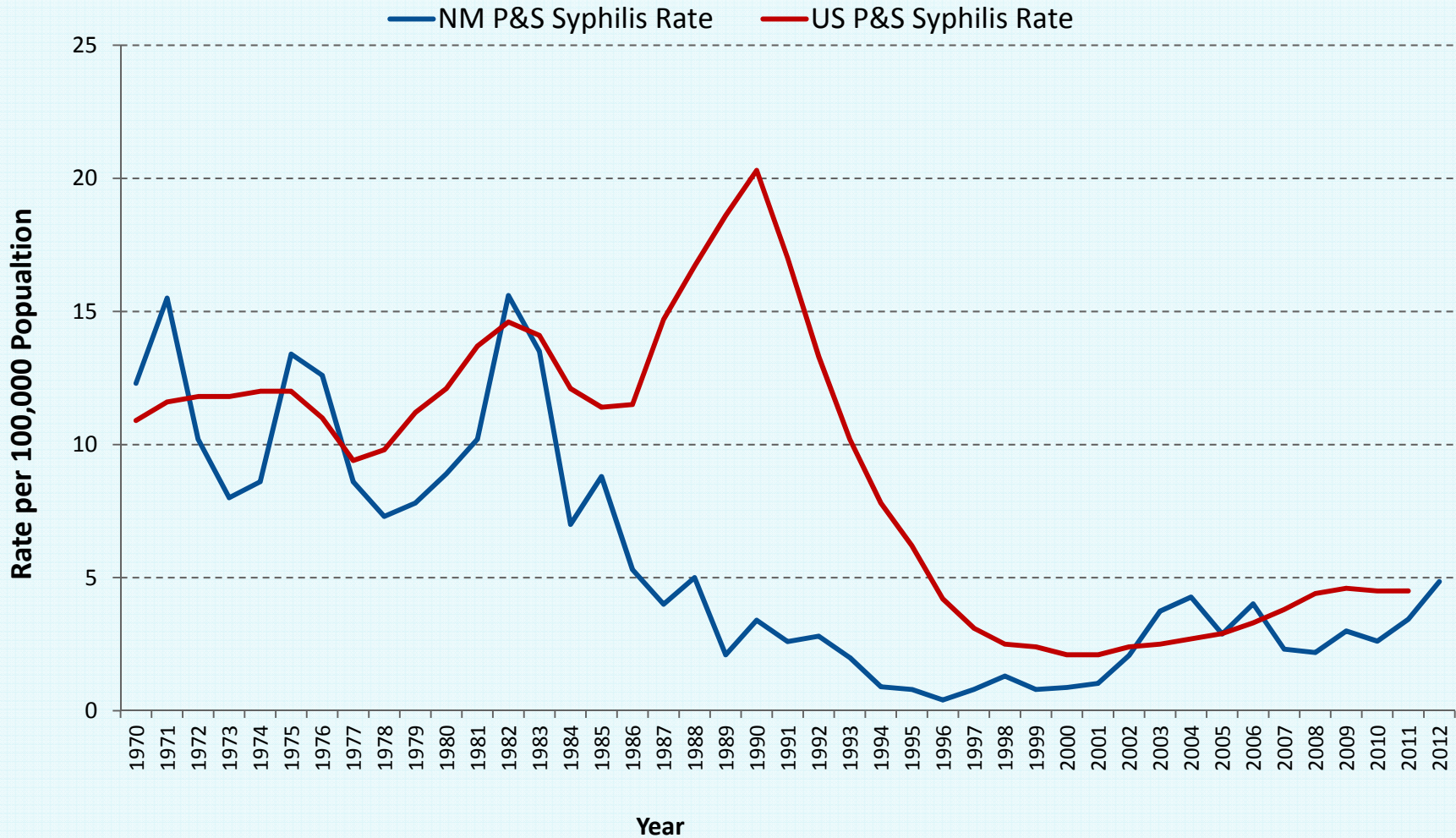


Rates per 100,000 by Quartile

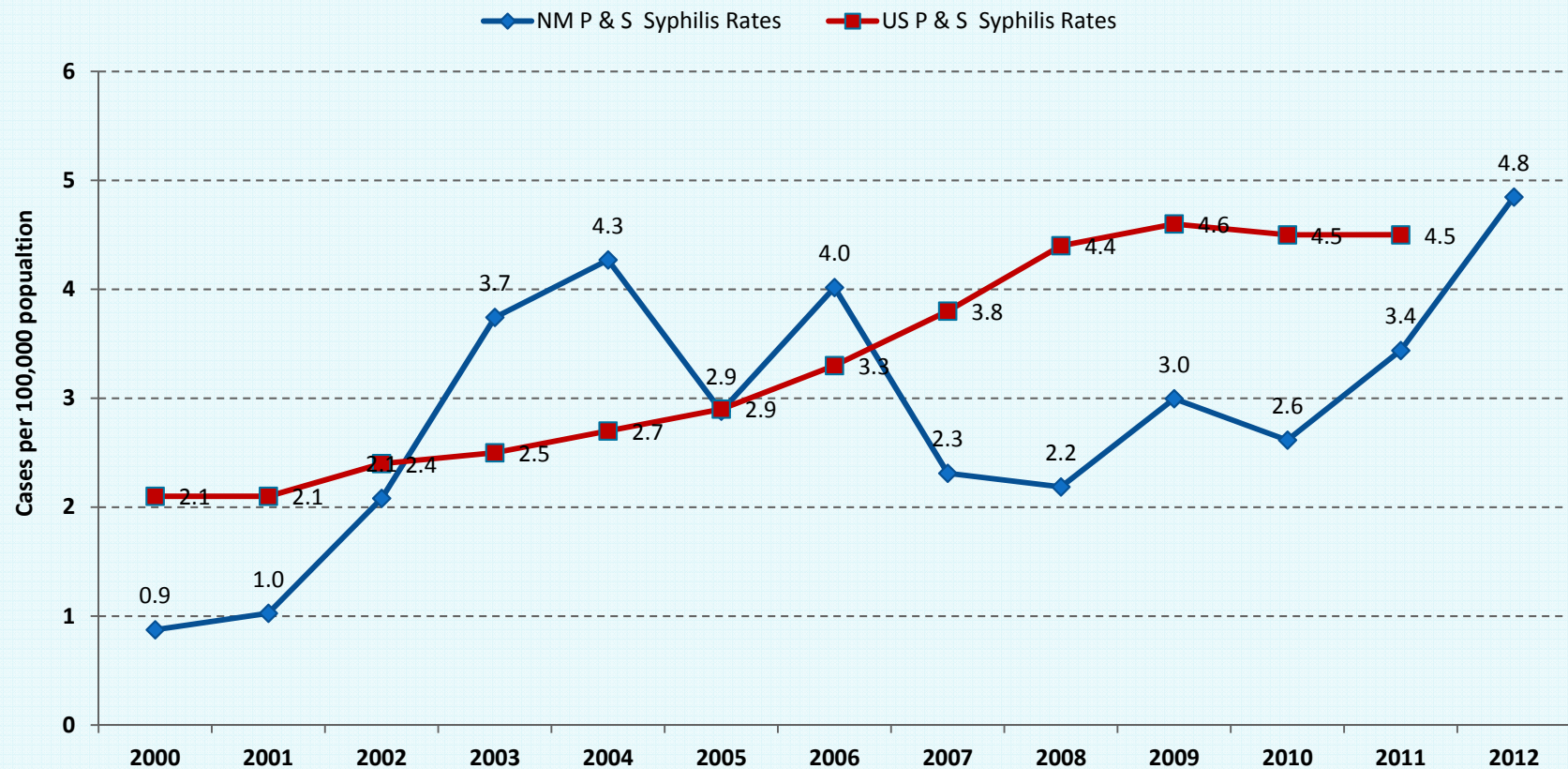
Percent of Gonorrhea Cases by Diagnosing Provider Type, 2012



Historical Trends in Primary and Secondary Syphilis Rates, New Mexico vs. US

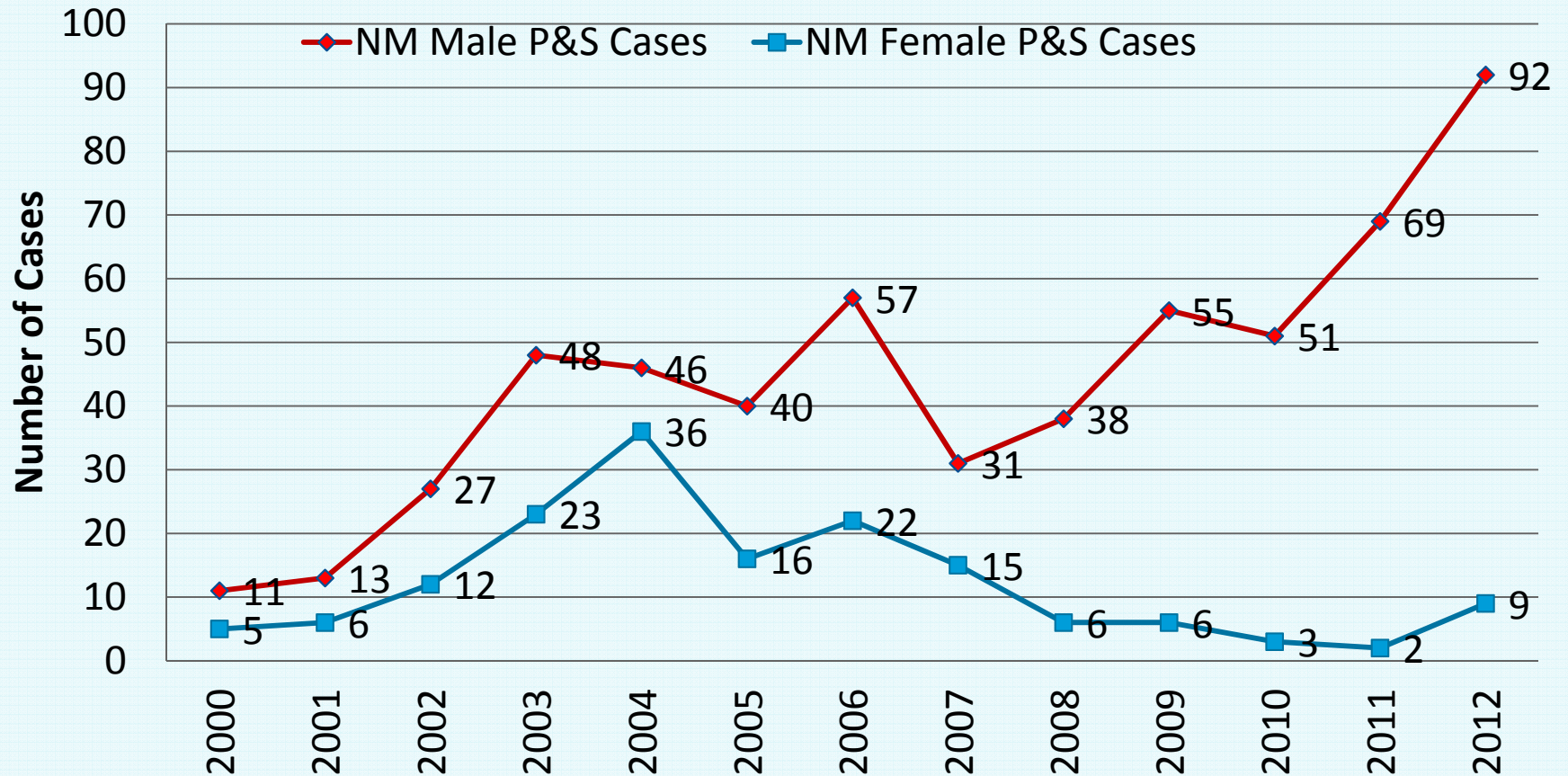


Rates of Primary and Secondary Syphilis, New Mexico and US, 2000 - 2012



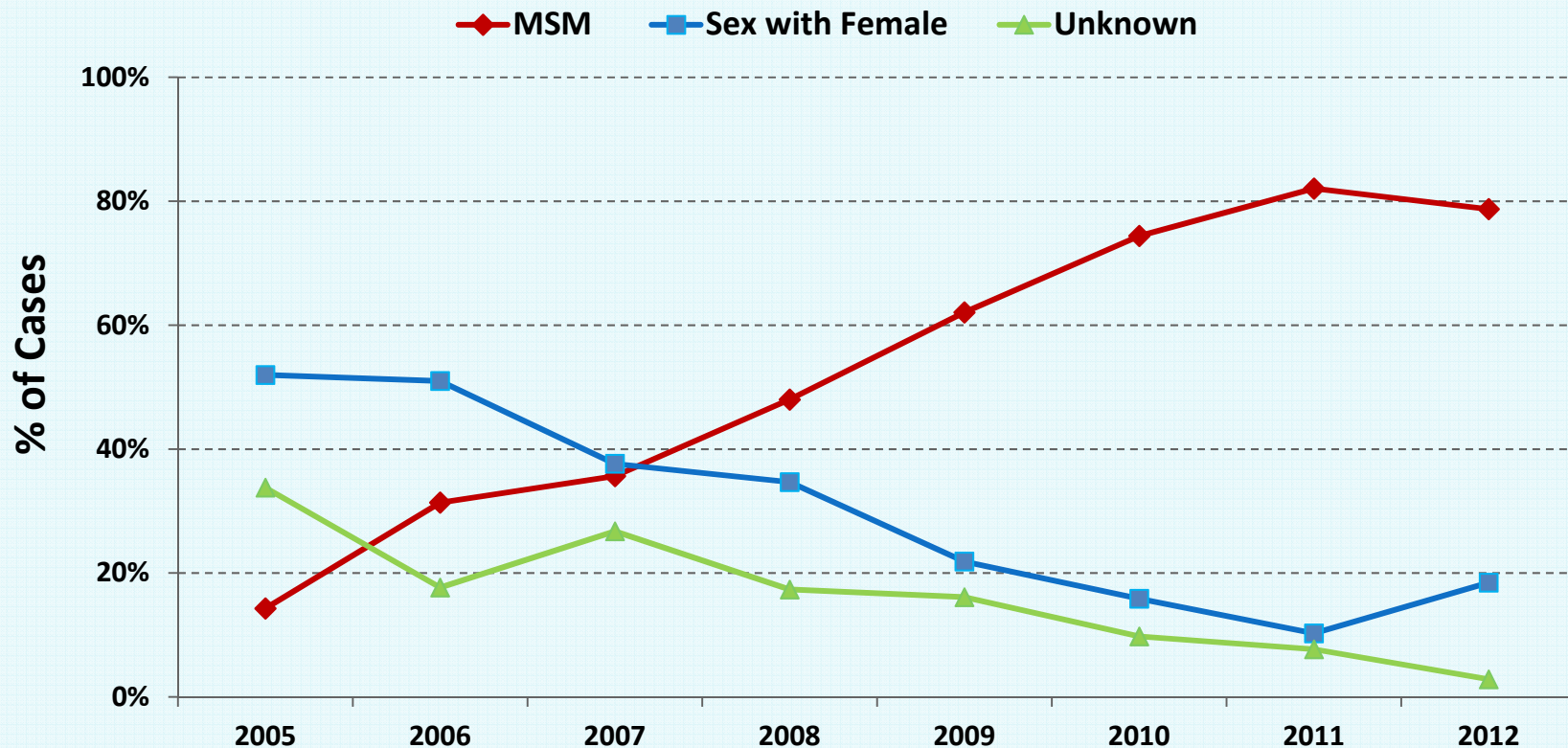
Rates of primary and secondary syphilis in New Mexico have increased over the past 3 years, with the steepest increase between 2011 and 2012 (41%). (Increase between 2010 and 2011 was 31%).

NM Primary and Secondary Syphilis Case Numbers by Sex, New Mexico, 2000-2012



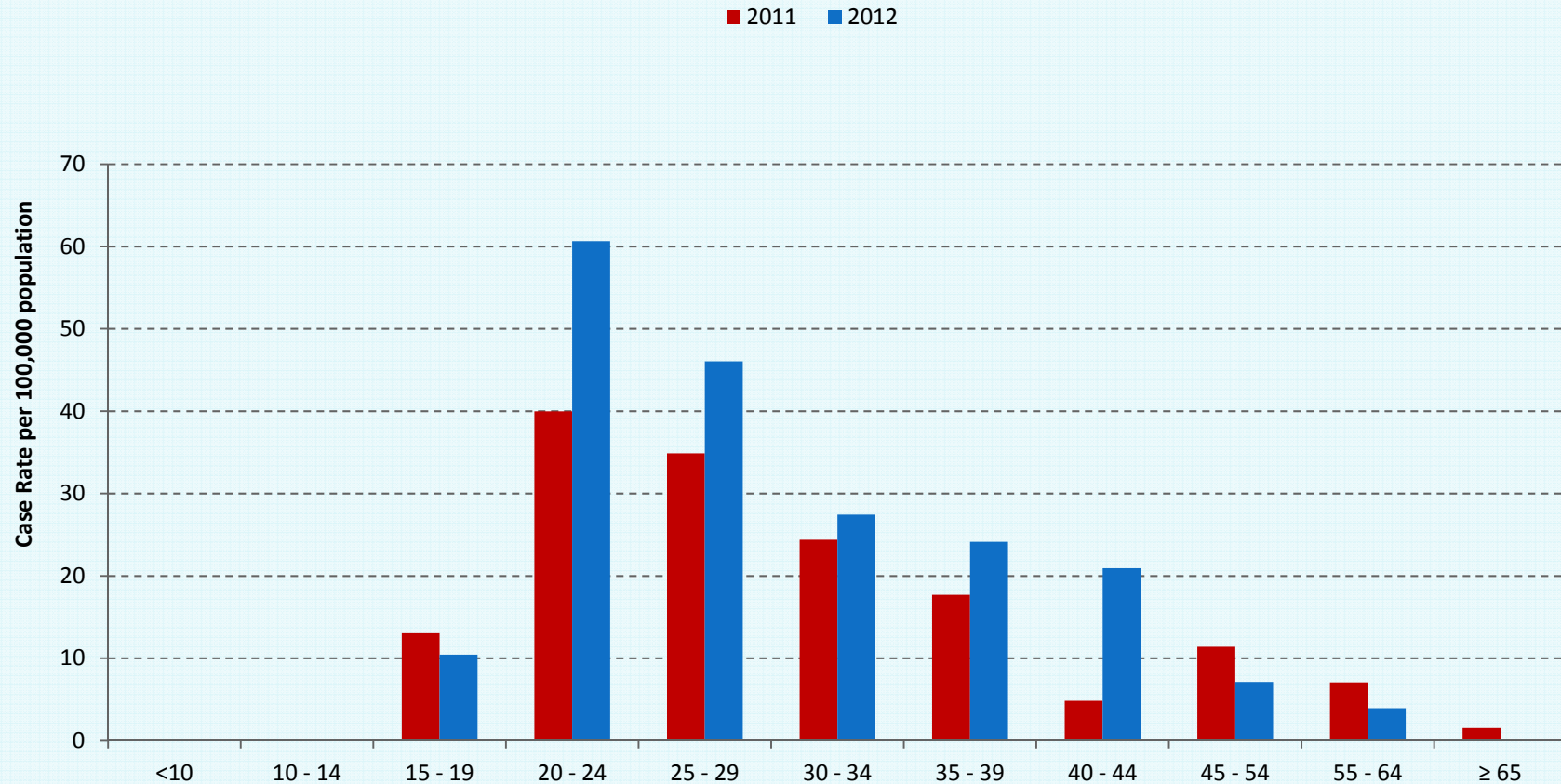
92% of all reported primary and secondary syphilis cases in 2012 were male

Cases of Primary, Secondary, and Early Latent Syphilis Among Men, by Gender of Partner, 2005 - 2012



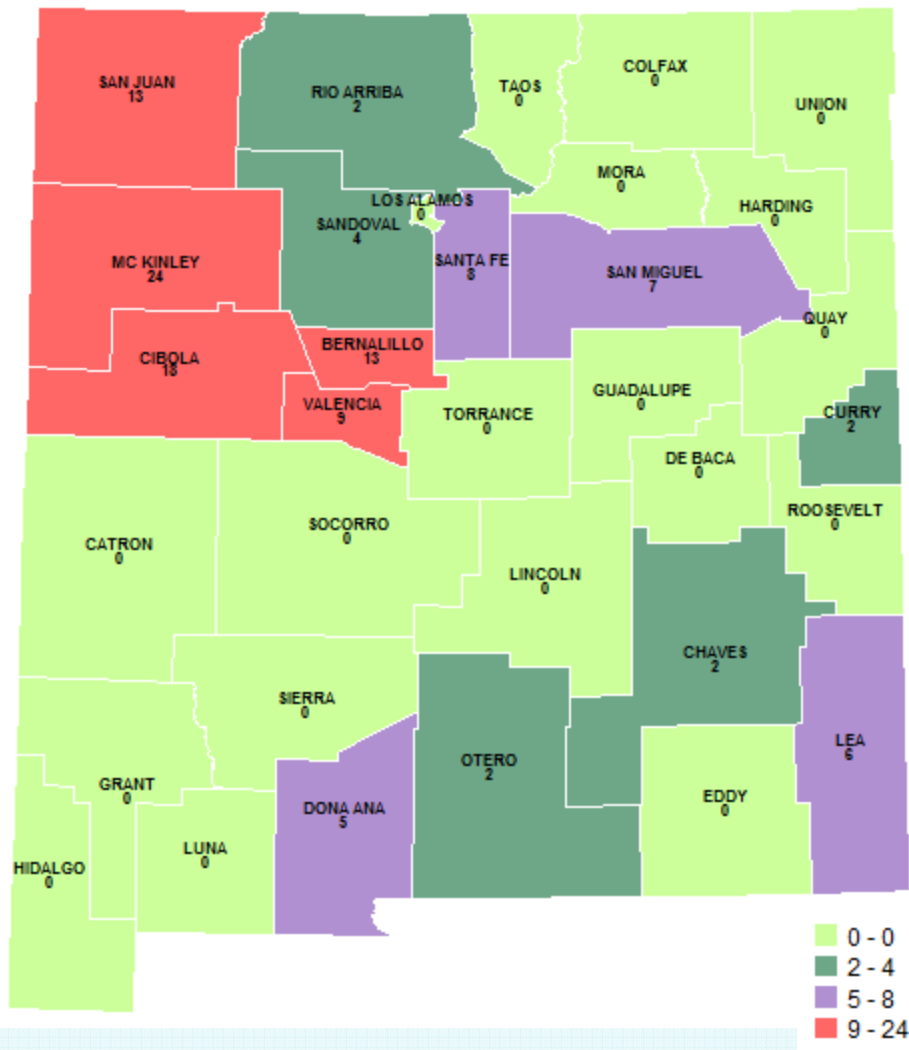
Of all male cases of syphilis in 2012, where gender of partner was known, 81% of cases were men with male sex partners (MSM). The percent that had sex with female(s) increased in 2012 by 80% over 2011. This mirrors national trends of early syphilis infections.

Primary, Secondary, and Early Latent Syphilis Rates by Age Group, Males, 2011-2012



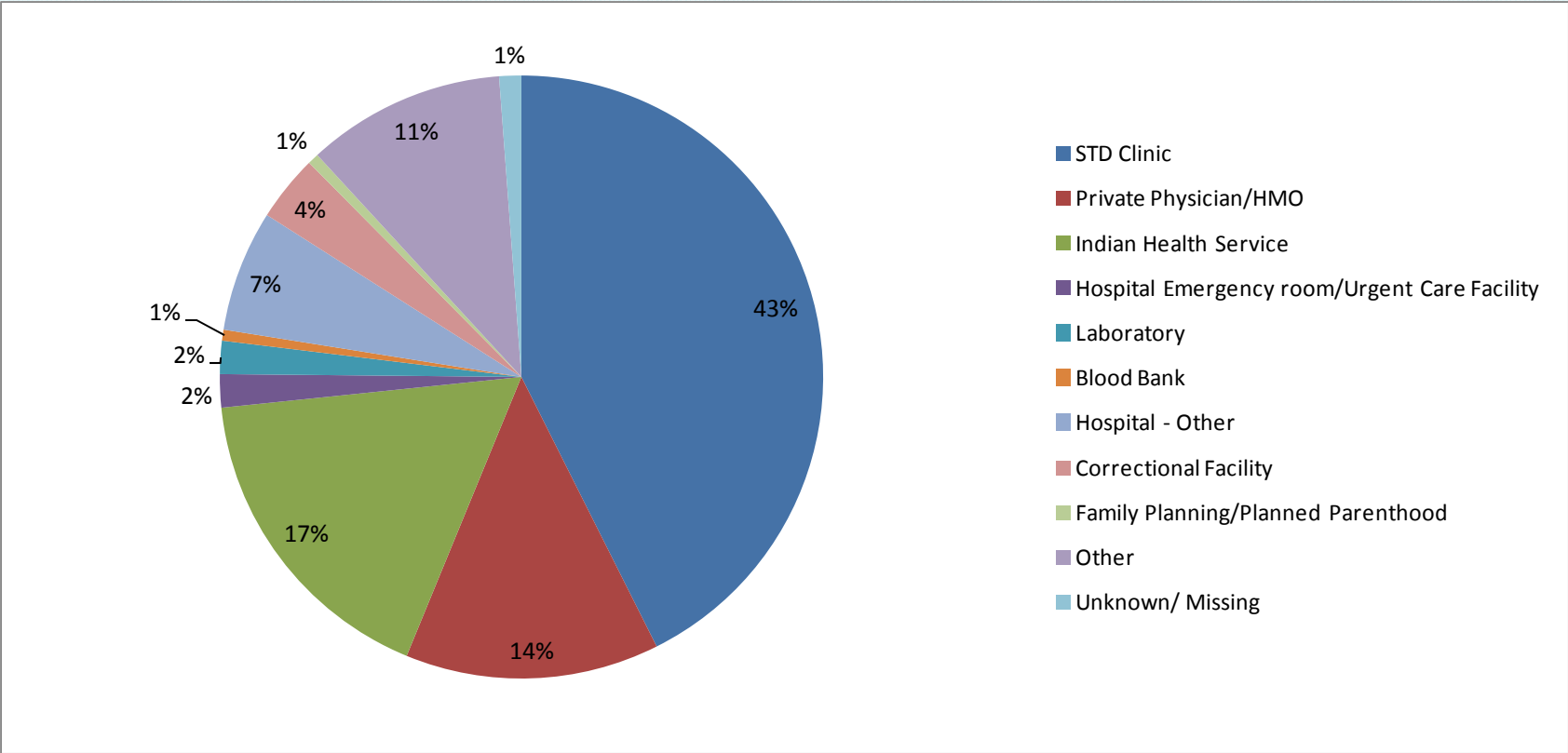
Compared to 2011, there was a large increase in P,S, and EL syphilis rates among men age 20-29 years old in 2012, as well as in the 40-44 age group

Primary, Secondary, and Early Latent Syphilis Rates by County, New Mexico, 2012



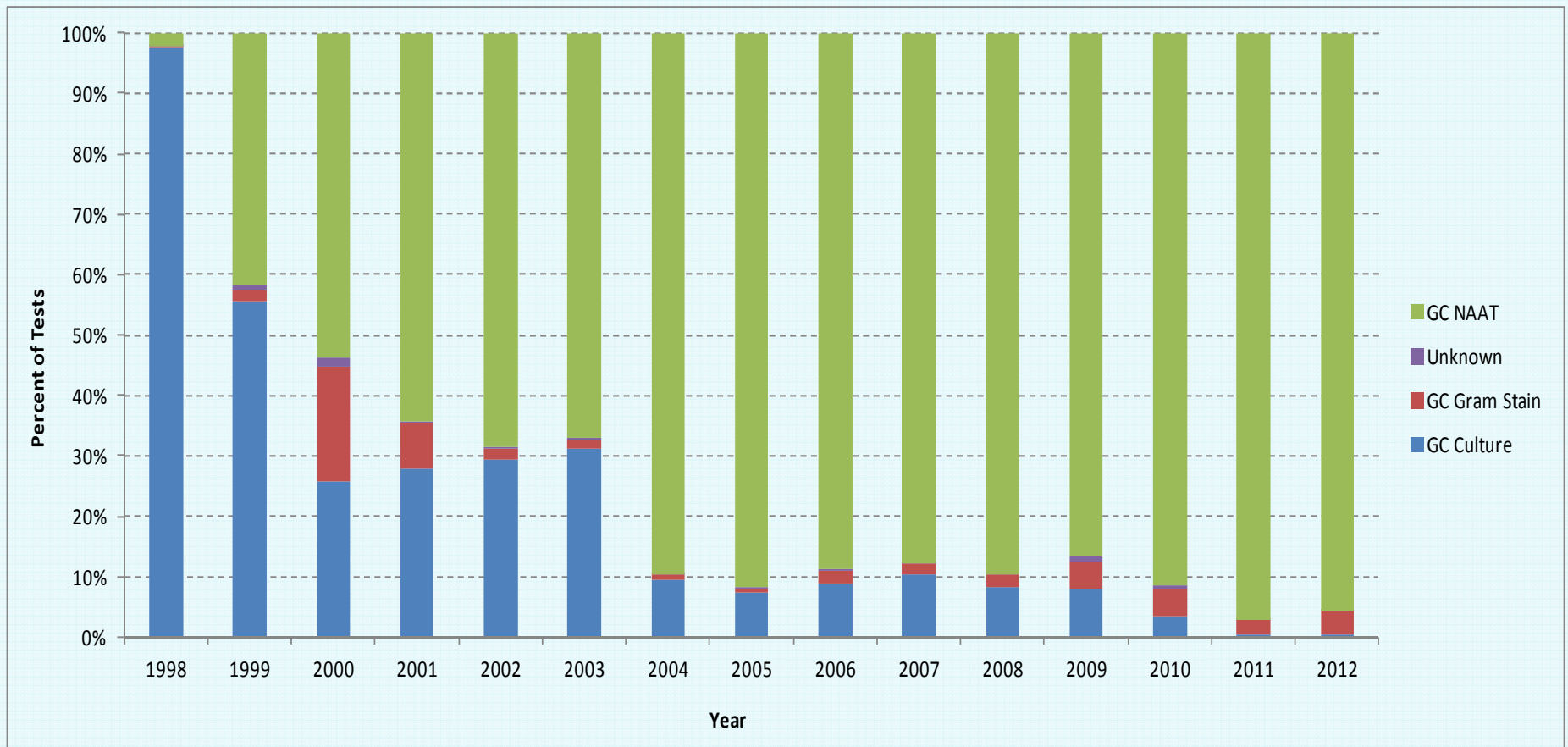
Rates per 100,000 by Quartile

Percent of Primary, Secondary and Early Latent Syphilis Cases by Diagnosing Provider, 2012

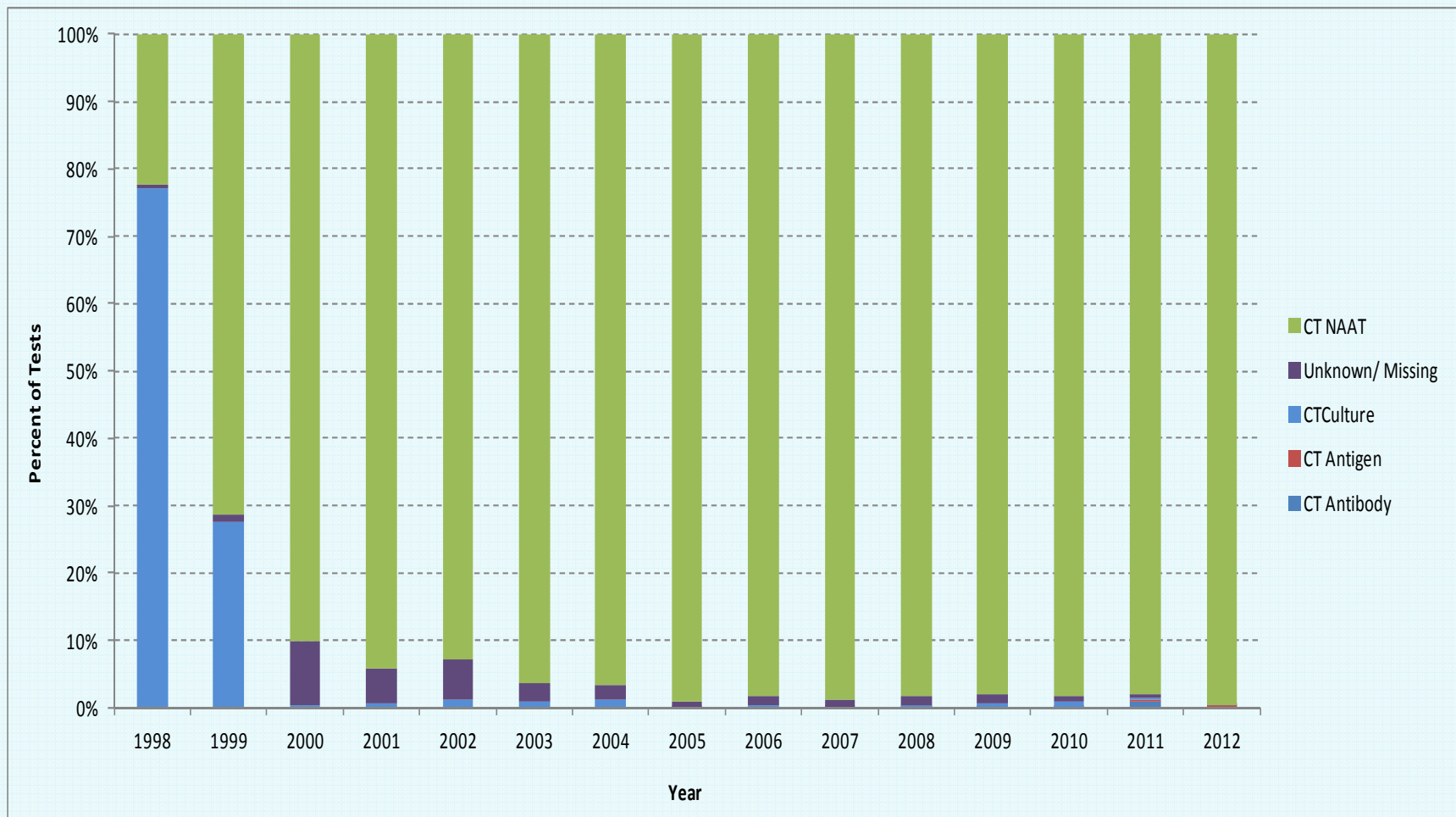


Gonorrhoea and Chlamydia Testing Methods

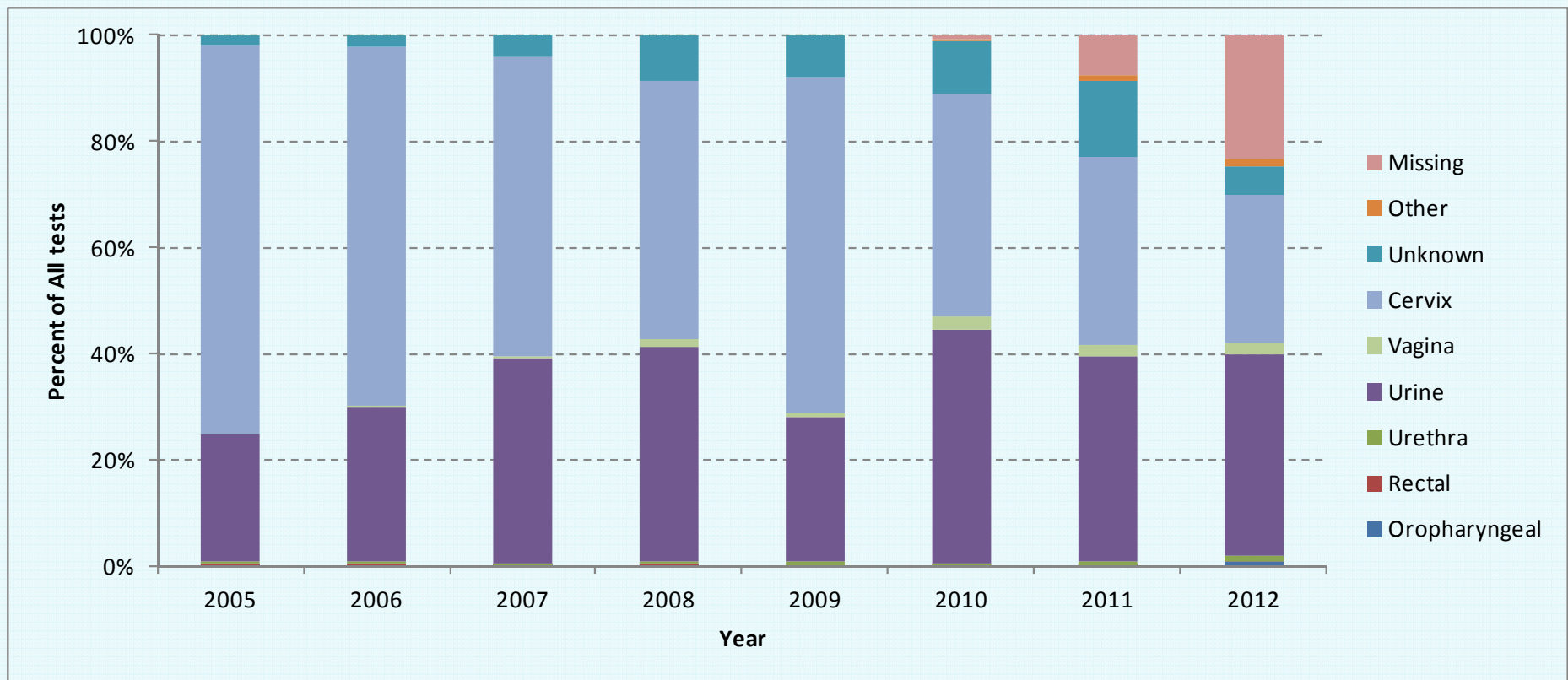
Changes in Gonorrhea Testing Methods, 1998 - 2012



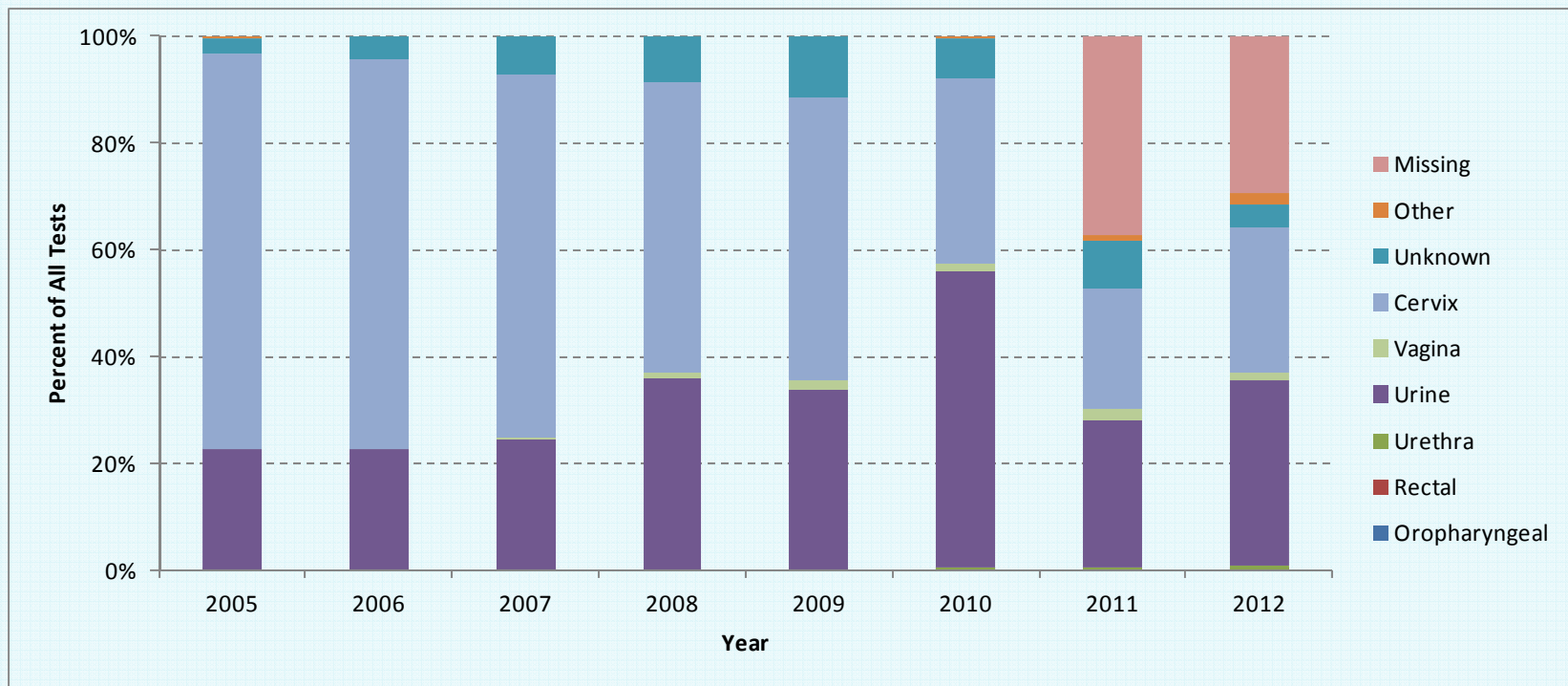
Changes in Chlamydia Testing Methods, 1998 - 2012



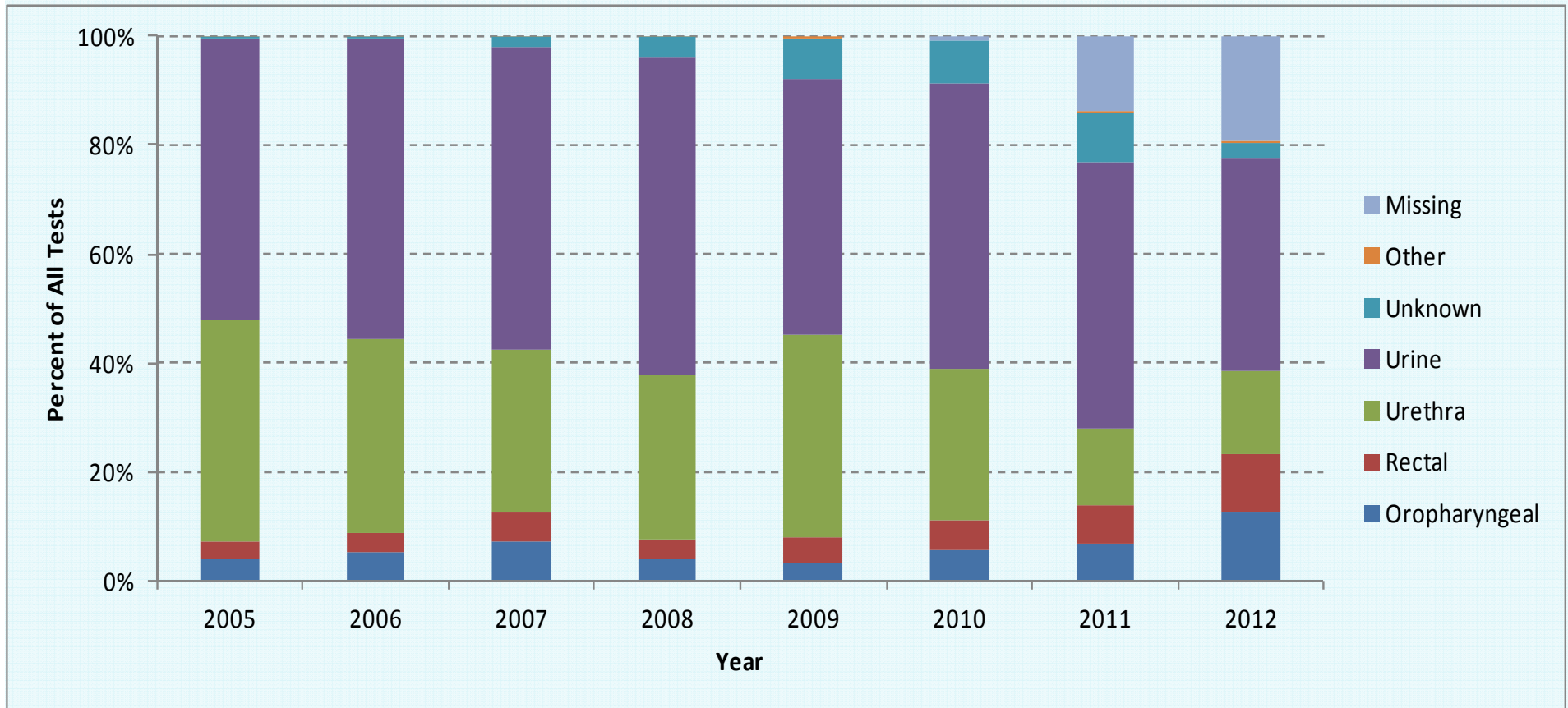
Specimen Source, All Gonorrhea Tests in PRISM, Females, 2005-2012



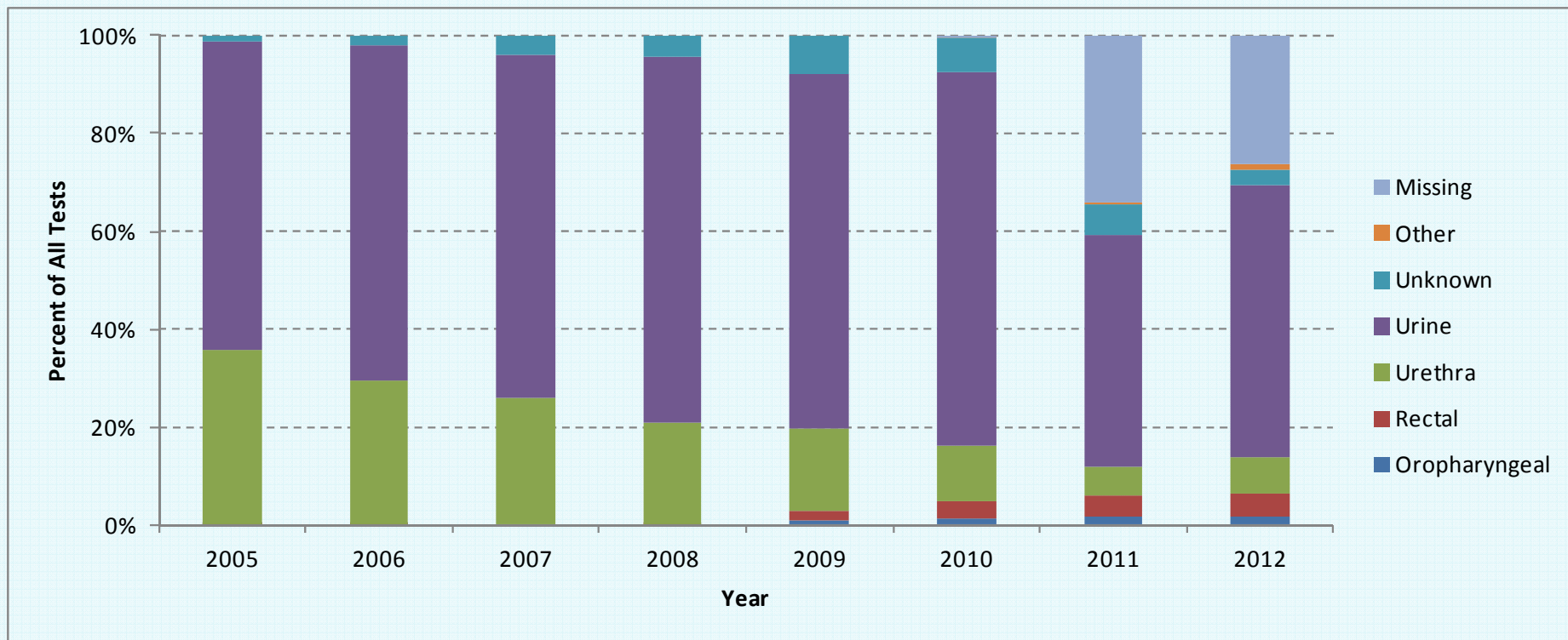
Specimen Source, All Chlamydia Tests in PRISM, Females, 2005-2012



Specimen Source, All Gonorrhea Tests in PRISM, Males, 2005-2012



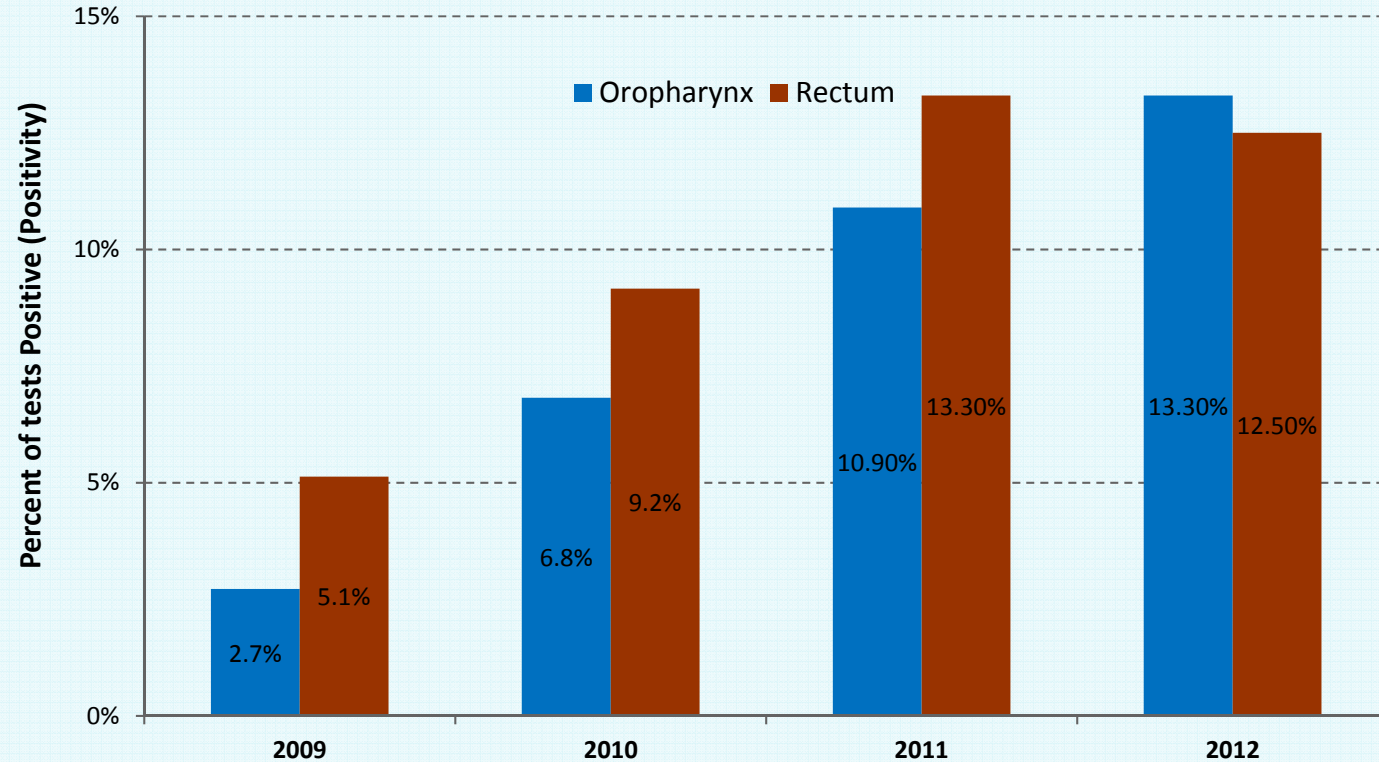
Specimen Source, All Chlamydia Tests in PRISM, Males, 2005-2012



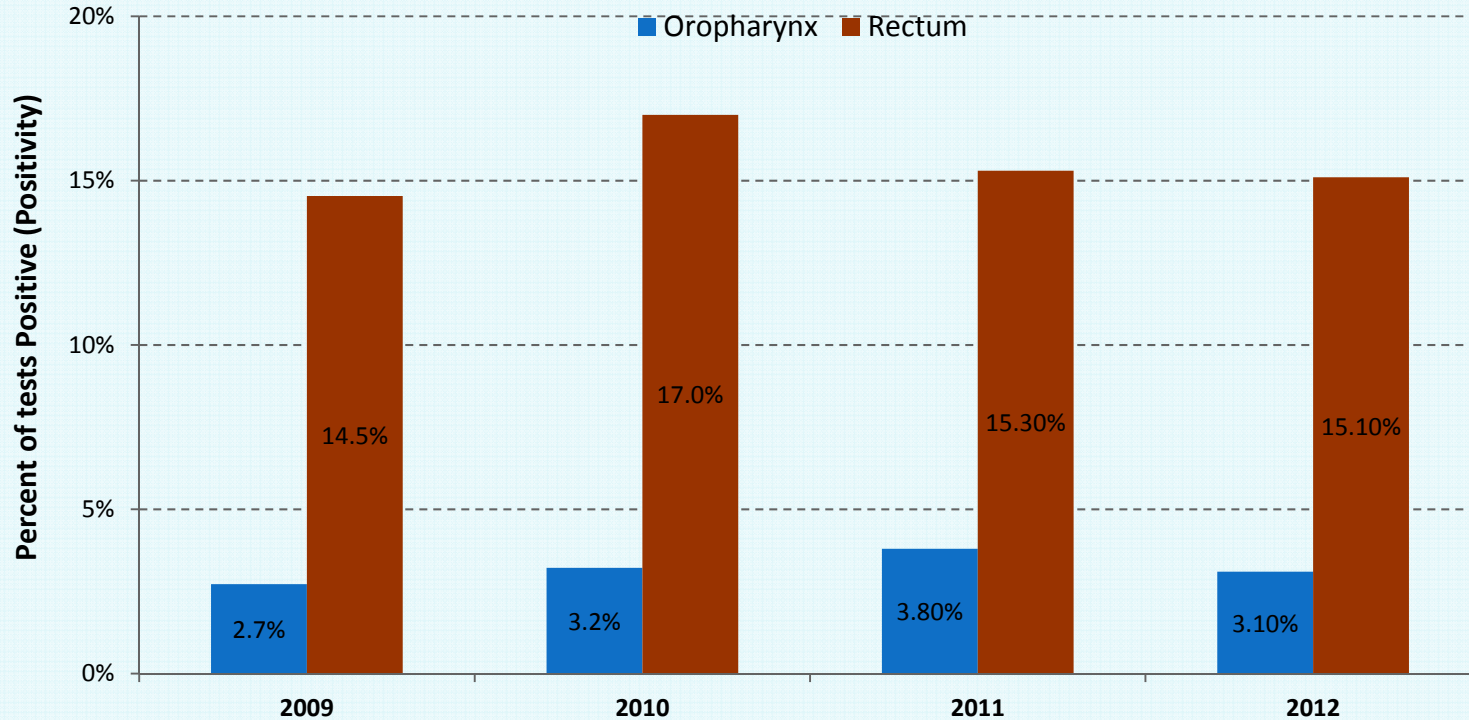
Special Populations

Men with Male Sex Partners (MSM)

GC Positivity among Men Tested at Alternate Sites, NMDOH, 2012

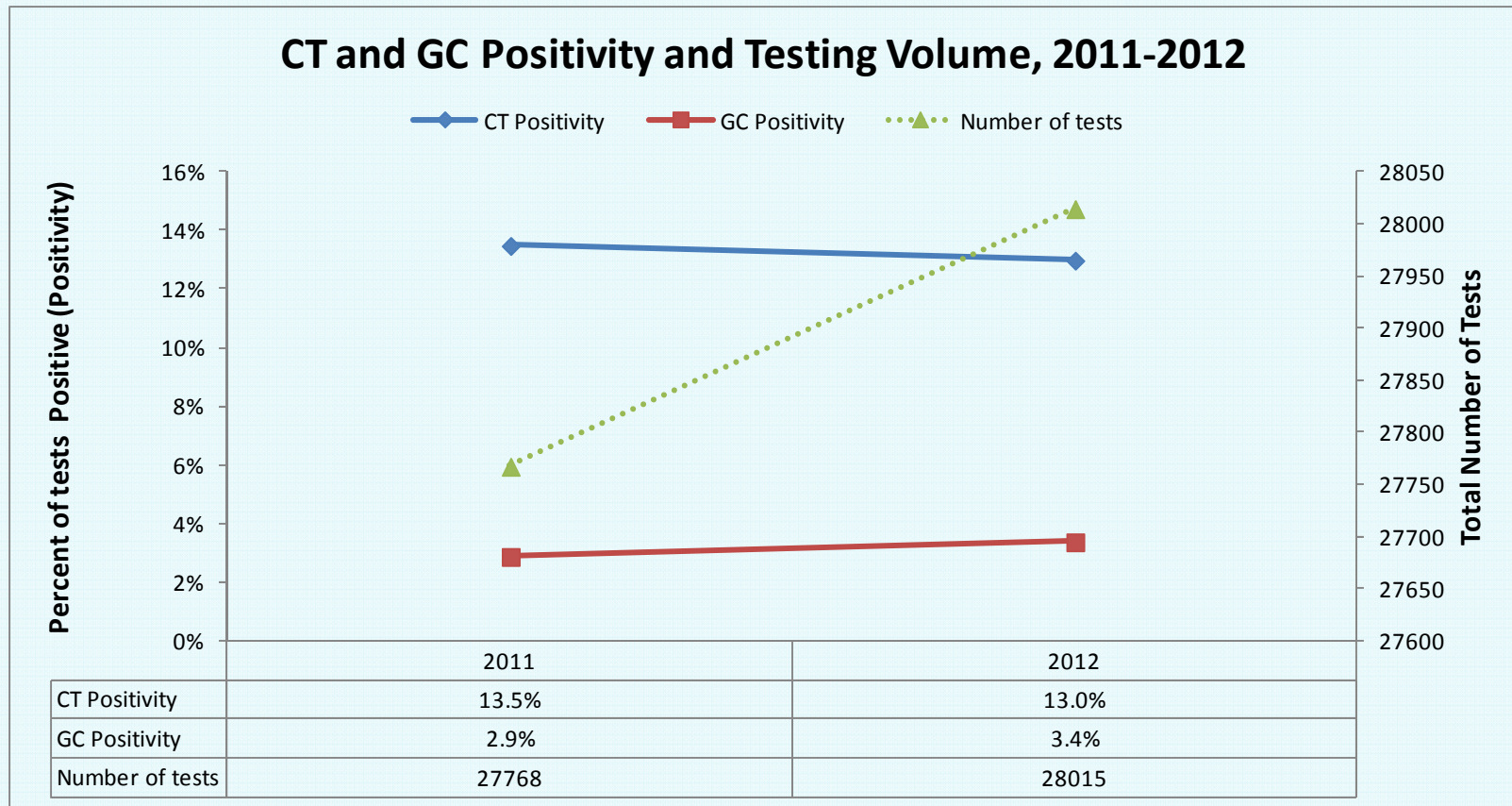


CT Positivity among Men Tested at Alternate Sites, NMDOH, 2012



Gonorrhea and Chlamydia Testing in NM DOH Testing Programs

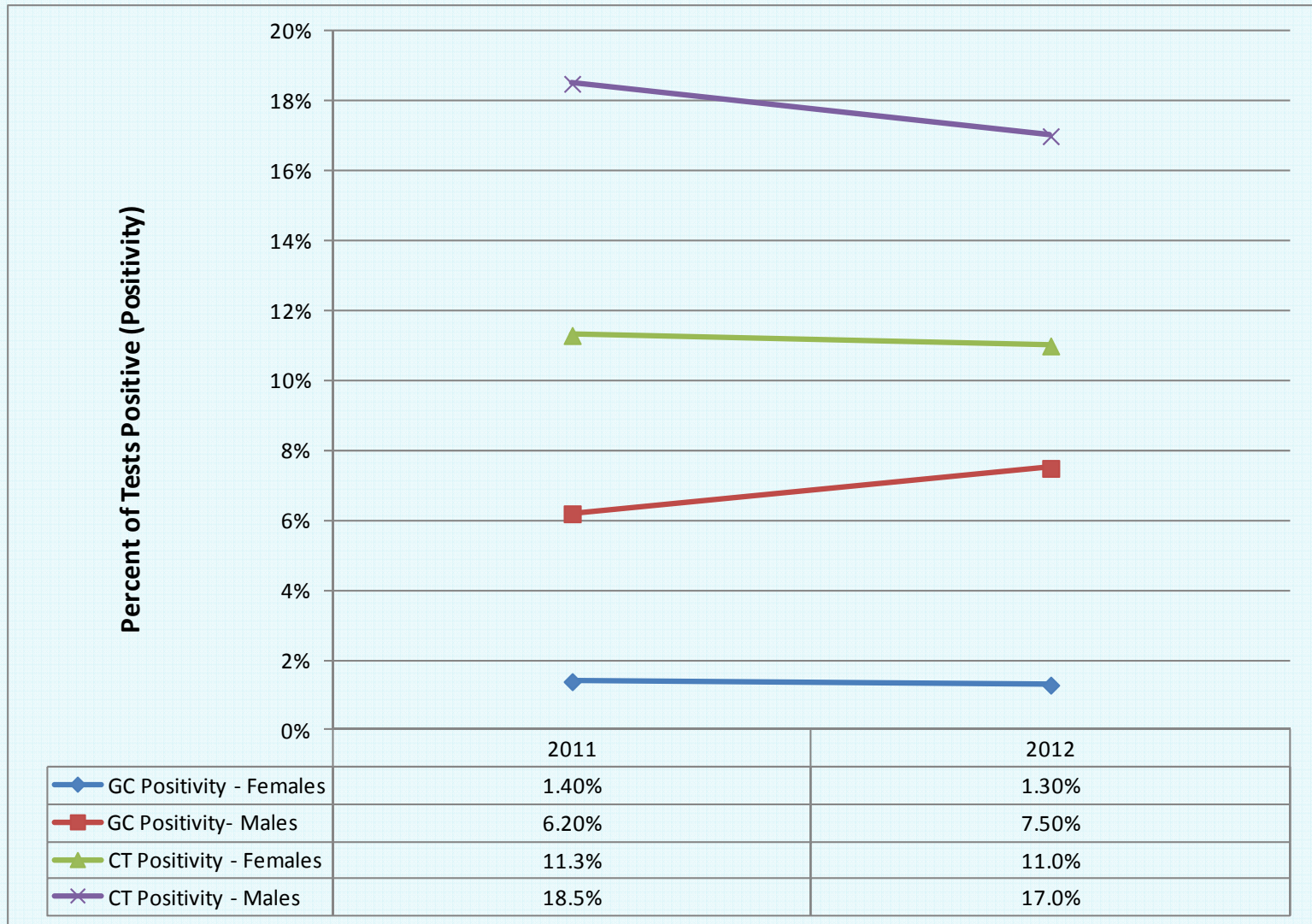
Streamlining DOH Testing Efforts



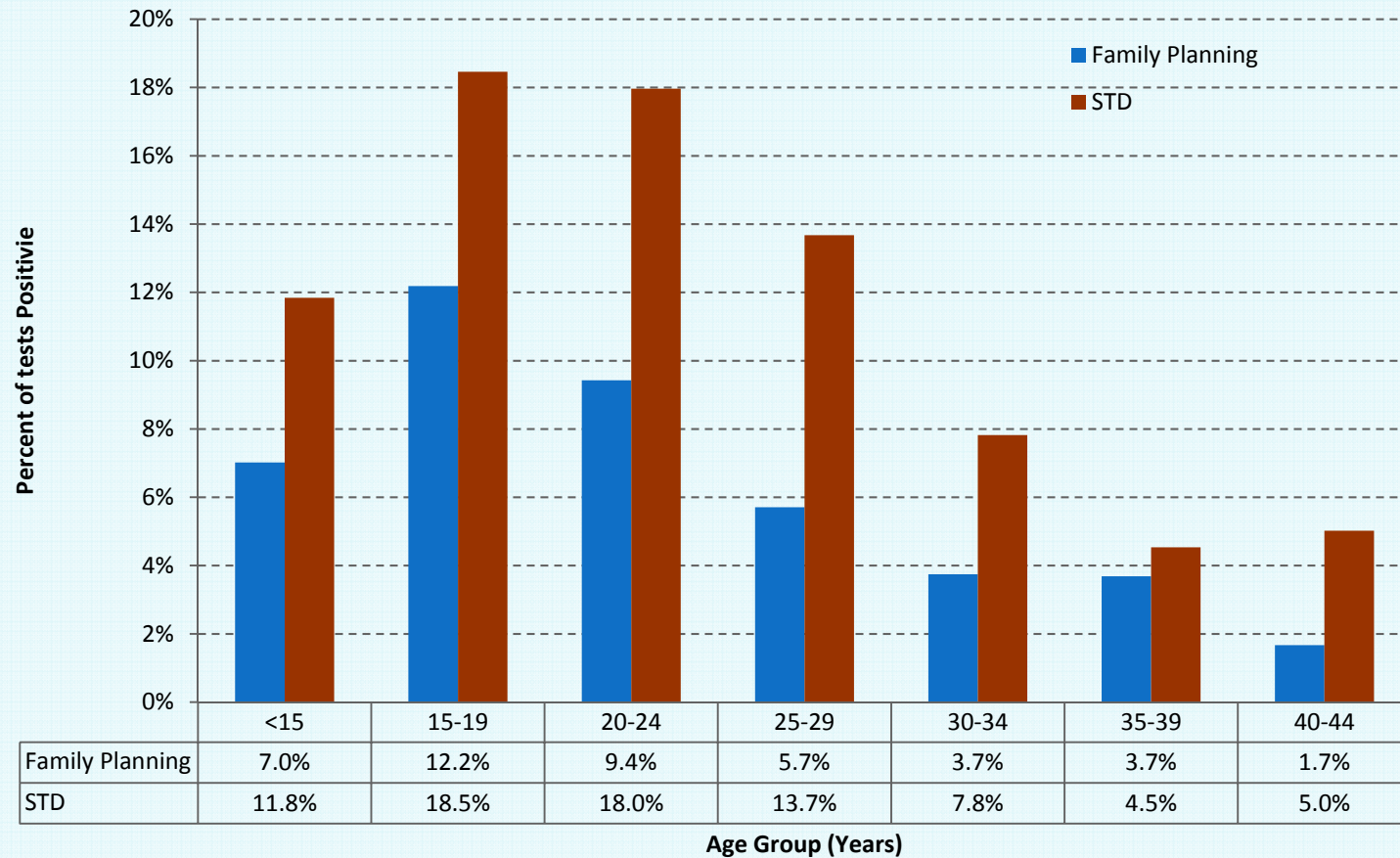
Testing ratios by sex decreased slightly from 2011 to 2012 : from 69% female in 2011 to 66% female in 2012, and increased in males from 31% in 2011 to 34% in 2012

% of tests in women age 25 and under decreased slightly from 73% to 70%

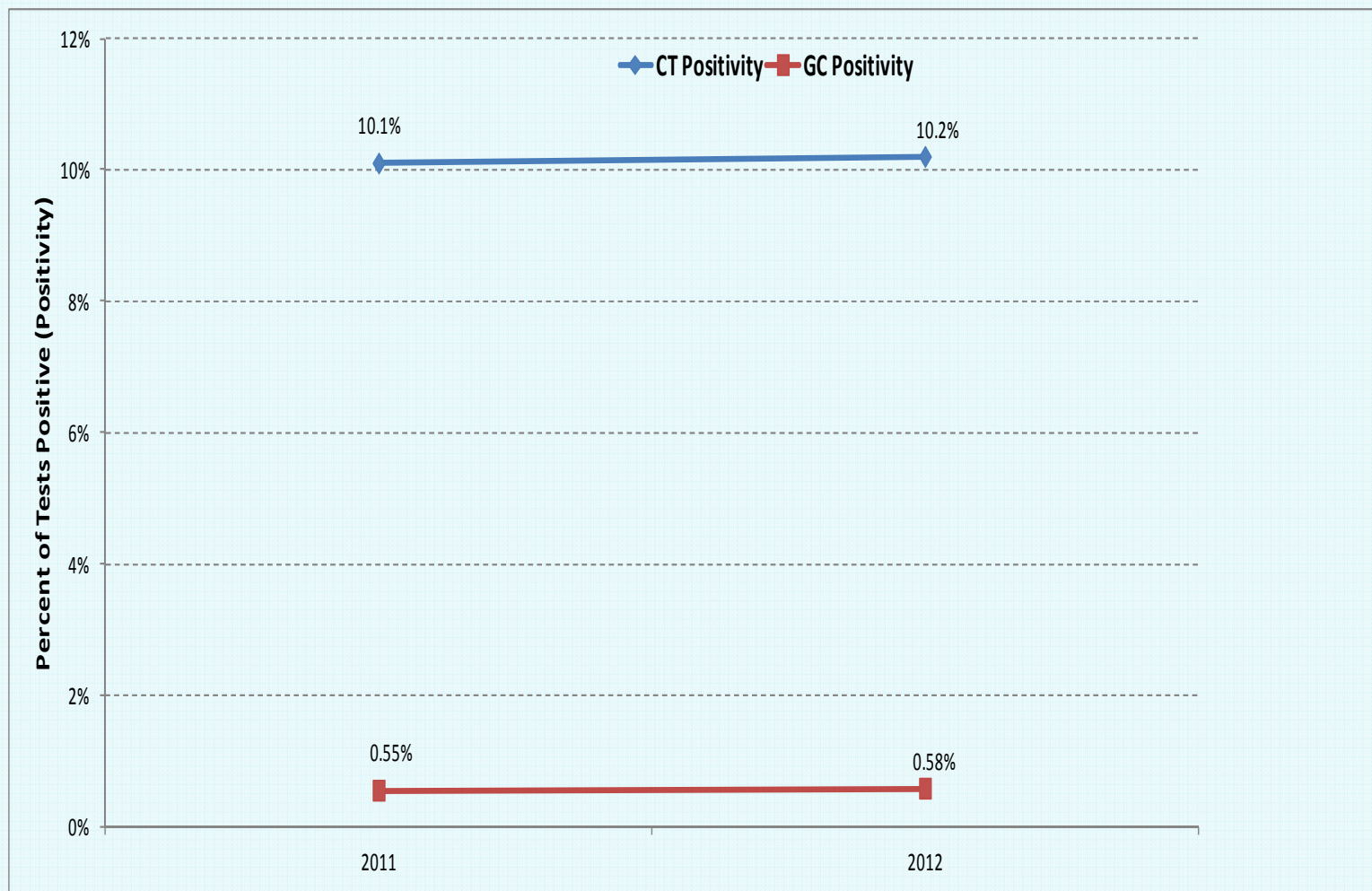
Chlamydia and Gonorrhea Positivity by Sex, all NMDOH Testing Sites, 2011-2012



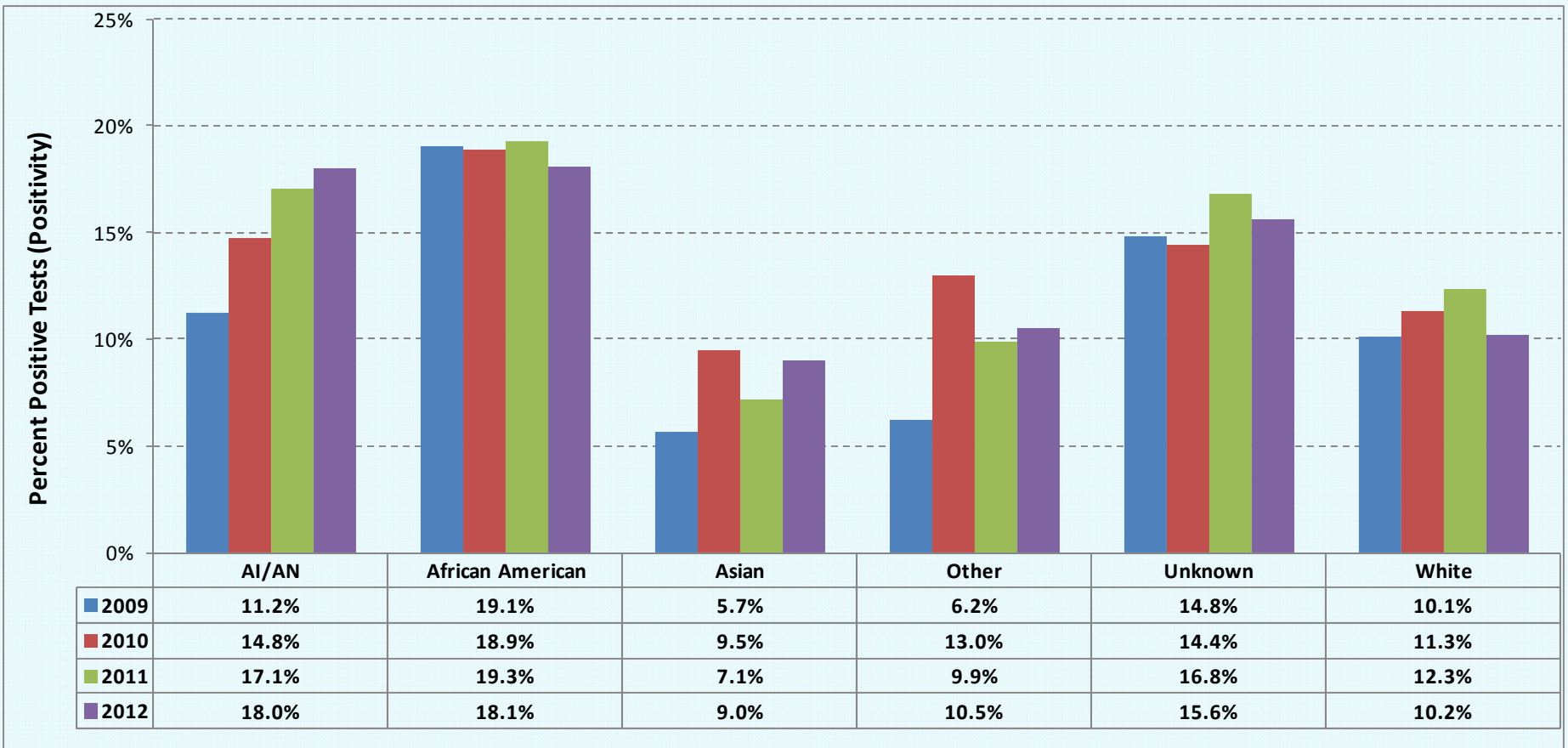
Chlamydia Positivity by Clinic Type, Females, all NM DOH Test Sites, 2012



Chlamydia and Gonorrhea Positivity, Females ≤25 years, Tested in NMDOH Family Planning Sites, 2011-2012



Chlamydia Positivity by Race/ Ethnicity, all NMDOH Test Sites, 2009-2012



Gonorrhea Positivity by Race/ Ethnicity, all NMDOH Test Sites, 2009-2012

