Highlights of the Report

• Early syphilis declined 5.9% from 2009
  – Hispanic cases increased 61%
• Gonorrhea cases increased 13.7% following two years of large decreases
• Chlamydia up 23.4% to highest level ever
• 20 to 24 age group highest for all 3 STDs
• Racial disparities continue – Native American, African American and Hispanics
• Northwest, Southeast, Albuquerque metro area and Southern border highest rates
Early Syphilis - 10 year Trend

Syphilis - P, S & EL

- 2000: 36
- 2001: 45
- 2002: 69
- 2003: 134
- 2004: 162
- 2005: 112
- 2006: 169
- 2007: 111
- 2008: 92
- 2009: 101
- 2010: 95
Total Early Syphilis by County:
Primary, Secondary & Early Latent
(3 year average 2008-10 for cases – 2009 population estimates)
Syphilis – by age group

Syphilis – P, S & EL – rates per 100,000 population

- 15 - 19: 3.5
- 20 - 24: 19.5
- 25 - 29: 9.4
- 30 - 34: 11.7
- 35 - 39: 7.3
- 40 - 44: 4.9
- 45 - 54: 5.0
- 55 - 64: 0.9
- 65+: 0.8
Syphilis by Race/Ethnicity

total early Syphilis cases & rates per 100,000

Includes Primary, Secondary and Early Latent cases. Population denominator numbers include race with any combination of other races. All cases by race also include patients reported with unknown ethnicity. 19 cases (20%) were of unknown race which includes all those with race and ethnicity reported as unknown plus all patients reported as race “other” and ethnicity unknown.
Syphilis by Gender
Primary, Secondary and Early Latent

Female
11

Male
84
Syphilis – leading risk factors

- Sex with a male by male: 80
- Sex - Oral: 41
- Sex with known MSM: 40
- Sex - Anal: 36
- Sex with anonymous partner: 34
- Condom use - Sometimes: 33
- New partner within the last 90 days: 25
- Sex with multiple partners: 23
- Sex while Intoxicated or High: 22
- Sex with a female by male: 21
- History of prior STD: 20
- Sex with partner met via internet: 16
- Condom use - Never: 12
Gonorrhea – 10 year trend

Gonorrhea cases by Year

The number of gonorrhea cases increased by 13.7% from 2009 to 2010.
Gonorrhea by County

Gonorrhea Rates per 100,000 Population by County, NM 2010
Gonorrhea by Age group
rates per 100,000 population
Gonorrhea by Race/Ethnicity
Cases and rates per 100,000

Population denominator numbers include race with any combination of other races. All cases by race also include patients reported with unknown ethnicity. 257 cases (21%) were of unknown race which includes all those with race and ethnicity reported as unknown plus all patients reported as race “other” and ethnicity unknown.
Gonorrhea by Gender

Male – 50.4%
Female – 49.6%
# Gonorrhea by Risk Factor

out of 577 Interviews

<table>
<thead>
<tr>
<th>Risk Factor</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sex while Intoxicated or High</td>
<td>334</td>
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<tr>
<td>Sex with a male by female</td>
<td>332</td>
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<tr>
<td>History of prior STD</td>
<td>308</td>
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<tr>
<td>Condom use - Sometimes</td>
<td>288</td>
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<td>Sex with a female by male</td>
<td>273</td>
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<tr>
<td>Sex - Oral</td>
<td>271</td>
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<tr>
<td>New partner within the last 90 days</td>
<td>262</td>
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<tr>
<td>Sex with anonymous partner</td>
<td>262</td>
</tr>
<tr>
<td>Sex with a male (male)</td>
<td>191</td>
</tr>
<tr>
<td>Sex with multiple partners</td>
<td>178</td>
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<tr>
<td>Condom use - Never</td>
<td>151</td>
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<tr>
<td>Sex - Anal</td>
<td>136</td>
</tr>
<tr>
<td>Sex with known MSM</td>
<td>129</td>
</tr>
<tr>
<td>Incarcerated within Last 12 months</td>
<td>96</td>
</tr>
<tr>
<td>Sex with partner met via internet</td>
<td>68</td>
</tr>
<tr>
<td>Sex with IDU partner</td>
<td>63</td>
</tr>
<tr>
<td>Drug Use - Injected</td>
<td>42</td>
</tr>
<tr>
<td>Drug use - Methamphetamines</td>
<td>33</td>
</tr>
<tr>
<td>Sex in Exchange for Drugs/Money</td>
<td>27</td>
</tr>
</tbody>
</table>
The number of chlamydia cases increased by 23.4% from 2009 to 2010.
Chlamydia by County

Chlamydia Rates per 100,000 Population by County, NM 2010
Chlamydia by Age group
rates per 100,000 population

- 10 to 14: 76.6
- 15 - 19: 2408.8
- 20 - 24: 3111.8
- 25 - 29: 1398.6
- 30 - 34: 600.3
- 35 - 39: 318.9
- 40 - 44: 140.2
- 45 - 54: 59.2
Population denominator numbers include race with any combination of other races. All cases by race also include patients reported with unknown ethnicity. 3,878 cases (33%) were of unknown race which includes all those with race and ethnicity reported as unknown plus all patients reported as race other and ethnicity unknown. Disparities (risk ratios) are 5.2 for Native Americans, 3.1 for African Americans, and 2.9 for Hispanics compared to Whites.
Chlamydia by gender

Male – 26%

Female – 74%
# Chlamydia by Risk Factor

<table>
<thead>
<tr>
<th>Risk Factor</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sex with a male (female)</td>
<td>1017</td>
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<tr>
<td>History of prior STD</td>
<td>374</td>
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<tr>
<td>Sex while Intoxicated or High</td>
<td>347</td>
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<tr>
<td>Condom use - Never</td>
<td>288</td>
</tr>
<tr>
<td>Condom use - Sometimes</td>
<td>285</td>
</tr>
<tr>
<td>Sex - Oral</td>
<td>247</td>
</tr>
<tr>
<td>New partner within the last 90 days</td>
<td>195</td>
</tr>
<tr>
<td>Sex with anonymous partner</td>
<td>168</td>
</tr>
<tr>
<td>Sex with a female (male)</td>
<td>140</td>
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<tr>
<td>Sex with multiple partners</td>
<td>123</td>
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<tr>
<td>Sex with a male (male)</td>
<td>89</td>
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<tr>
<td>Incarcerated within Last 12 months</td>
<td>62</td>
</tr>
</tbody>
</table>
All data produced by the New Mexico STD Program

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- Rates are calculated using population estimates from the University of New Mexico’s Bureau of Business and Economic Research
- Check the NM Department of Health website for additional health data - http://www.health.state.nm.us/