New Mexico STD Program
Summary of Surveillance Data: 2021

Janine Waters, STD Program Manager
Angie Bartok, Epidemiologist
Chlamydia Rates: New Mexico and United States (US), 1989 - 2021

Source: PRISM and IBIS for NM Rates, CDC Surveillance Reports for US Rates
Chlamydia Rates: NM and US, 2000-2021

Source: PRISM for NM Rates, CDC Surveillance Reports for US Rates
Chlamydia Rates by Age Group
New Mexico, 2020 - 2021

![Chlamydia Rates by Age Group](chart)

Cases per 100,000 Population

Age Group (years)

- <10
- 10 - 14
- 15 - 19
- 20 - 24
- 25 - 29
- 30 - 34
- 35 - 39
- 40 - 44
- 45 - 54
- 55 - 64
- ≥ 65

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Chlamydia and Gonorrhea Cases by Age Group, New Mexico, 2021

56% of reported chlamydia cases are among persons aged 15-24 years.

30% of reported gonorrhea cases are among persons aged 15-24 years, i.e. gonorrhea cases tend to skew a bit older.

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Chlamydia Rates by Race/ Ethnicity
New Mexico, 2020 – 2021

Cases per 100,000 Population

- American Indian/Alaska Native: 617.6 (2020), 667.6 (2021)
- Asian or Pacific Islander: 128.3 (2020), 112.7 (2021)
- Hispanic: 429.3 (2020), 439.0 (2021)
- White, non-Hispanic: 227.9 (2020), 212.6 (2021)
Chlamydia Rate per 100,000 by County, New Mexico, 2021

Rates per 100,000 population
Chlamydia Rate per 100,000 by Region, New Mexico, 2021
Gonorrhea Rates New Mexico and US, 1972 - 2021

Source: PRISM for NM Rates, CDC Surveillance Reports for US Rates
New Mexico saw a 7.3% decrease from 2019 to 2020 and an 11.2% increase from 2020 to 2021.

New Mexico ranked 17th in the nation in 2020 and 16th in the nation in 2021.

Source: PRISM for NM Rates, CDC Surveillance Reports for US Rates
Gonorrhea Rates by Race/Ethnicity
New Mexico, 2020 - 2021

Cases per 100,000 Population

- American Indian/Alaska Native: 274.1 (2020), 335.9 (2021)
- Asian or Pacific Islander: 66.7 (2020), 84.5 (2021)
- Black/African American: 504.5 (2020), 444.5 (2021)
- Hispanic: 164.3 (2020), 178.4 (2021)
- White, non-Hispanic: 91.7 (2020), 105.9 (2021)
Gonorrhea Rate per 100,000 by County, New Mexico, 2021

Rates per 100,000 population.
Gonorrhea Rate per 100,000 by Region, New Mexico, 2021
Percent of Gonorrhea Cases by Diagnosing Provider Type, New Mexico, 2021

- STD Clinic: 12%
- Private Physician/HMO: 39%
- Indian Health Service: 18%
- Emergency room/Urgent Care: 13%
- Family Planning/Planned Parenthood: 4%
- Laboratory: 3%
- Correctional Facility: 3%
- Hospital - Other: 3%
- School-based Clinic: 7%
- Missing/Unknown: 0%
- Other: 0%
Primary and Secondary Syphilis Rates, New Mexico and US, 1970 - 2021

Source: PRISM for NM Rates, CDC Surveillance Reports for US Rates
In 2019, NM had the 2nd highest rate of primary and secondary syphilis in the nation. In 2020, NM ranked 5th and in 2021, NM ranked 2nd.
Percentage of cases of Primary, Secondary, and Early Latent Syphilis Among Men, by Gender of Partner
New Mexico, 2005 - 2021

% of Cases


MSM Sex with Female Unknown

NMDOH
NEW MEXICO DEPARTMENT OF HEALTH

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Primary, Secondary, and Early Latent Syphilis Rates by Race/Ethnicity, NM, 2020 – 2021

Cases per 100,000 Population

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Indian/Alaska Native</td>
<td>87.2</td>
<td>98.1</td>
</tr>
<tr>
<td>Asian or Pacific Islander</td>
<td>12.8</td>
<td>7.7</td>
</tr>
<tr>
<td>Black/African American</td>
<td>43.1</td>
<td>41.0</td>
</tr>
<tr>
<td>Hispanic</td>
<td>24.7</td>
<td>38.2</td>
</tr>
<tr>
<td>White, non-Hispanic</td>
<td>14.5</td>
<td>18.1</td>
</tr>
</tbody>
</table>
Primary, Secondary, and Early Latent Syphilis Rates by Age Group, Males
New Mexico, 2020 - 2021

Case Rate per 100,000 population

NMDOH
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Primary, Secondary, and Early Latent Syphilis Rates by Age Group, Females
New Mexico, 2020 - 2021

Case Rate per 100,000 population

- <10
- 10 - 14
- 15 - 19
- 20 - 24
- 25 - 29
- 30 - 34
- 35 - 39
- 40 - 44
- 45 - 54
- 55 - 64
- ≥ 65

2020 2021

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The most urgent issue with respect to transmission since 2018 has been the dramatic rise in congenital syphilis cases since 2018.

In 2021, New Mexico ranked 2\textsuperscript{nd} in the nation in congenital syphilis.
Congenital Syphilis rates in infants <1 year, per 100,000 population and Primary and Secondary Syphilis rates in women aged 15-44, per 100,000 population New Mexico, 2000 - 2021
Primary, Secondary, and Early Latent Syphilis Rates by County, New Mexico, 2021

Rates per 100,000 population

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Primary, Secondary, and Early Latent Syphilis Cases by County, New Mexico, 2021
Syphilis Rate per 100,000 by Region, New Mexico, 2021
Testing and Rates for Specific Populations: Gay/Bisexual Men and Other Men who have Sex with Men (MSM)
Gonorrhea Positivity among Men with multi-site testing, New Mexico, 2011 - 2021
Chlamydia Positivity among Men with multi-site testing, New Mexico, 2011 - 2021

Percent of tests Positive (Positivity)

- Oropharynx
- Rectum

Year | Oropharynx | Rectum
--- | --- | ---
2011 | 3.8% | 15.3%
2012 | 3.1% | 15.1%
2013 | 2.4% | 13.2%
2014 | 2.2% | 11.6%
2015 | 1.8% | 11.4%
2016 | 2.3% | 13.0%
2017 | 2.1% | 12.1%
2018 | 1.8% | 9.2%
2019 | 1.6% | 11.7%
2020 | 2.0% | 11.7%
2021 | 2.5% | 10.3%
NMDOH Testing Programs for Gonorrhea and Chlamydia
CT and GC Positivity and Testing Volume, 2020 - 2021

<table>
<thead>
<tr>
<th></th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>CT Positivity</td>
<td>10.80%</td>
<td>9.90%</td>
</tr>
<tr>
<td>GC Positivity</td>
<td>5.40%</td>
<td>6.0%</td>
</tr>
<tr>
<td>Number of tests</td>
<td>12802</td>
<td>12675</td>
</tr>
</tbody>
</table>

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Chlamydia and Gonorrhea Positivity by Sex, all NMDOH Testing Sites, 2020 - 2021

<table>
<thead>
<tr>
<th></th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>GC Positivity - Females</td>
<td>2.70%</td>
<td>2.8%</td>
</tr>
<tr>
<td>GC Positivity - Males</td>
<td>8.50%</td>
<td>9.0%</td>
</tr>
<tr>
<td>CT Positivity - Females</td>
<td>10.60%</td>
<td>10.4%</td>
</tr>
<tr>
<td>CT Positivity - Males</td>
<td>11.00%</td>
<td>9.5%</td>
</tr>
</tbody>
</table>
Chlamydia Positivity by Clinic Type, Females, all NMDOH Test Sites, 2021

![Bar chart showing Chlamydia positivity by clinic type, females, all NMDOH test sites, 2021. The chart displays the percentage of tests positive for Chlamydia across different age groups and clinic types (Family Planning and STD). The y-axis represents the percentage of tests positive, ranging from 0% to 25%, while the x-axis shows age groups (e.g., <15, 15-19, 20-24, etc.). The chart indicates the prevalence of Chlamydia across various age groups and clinic types.](image-url)
Chlamydia and Gonorrhea Positivity, Females ≤25 years, Tested in NMDOH Family Planning Sites, 2020-2021

<table>
<thead>
<tr>
<th>Year</th>
<th>CT Positivity</th>
<th>GC Positivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>7.3%</td>
<td>0%</td>
</tr>
<tr>
<td>2021</td>
<td>7.7%</td>
<td>0.52%</td>
</tr>
</tbody>
</table>
Chlamydia Positivity by Race/ Ethnicity, all NMDOH Test Sites, 2020-2021

<table>
<thead>
<tr>
<th></th>
<th>2020</th>
<th>2021</th>
</tr>
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<tbody>
<tr>
<td>American Indian/Alaska Native</td>
<td>12.3%</td>
<td>9.3%</td>
</tr>
<tr>
<td>Black/African American</td>
<td>11.0%</td>
<td>11.9%</td>
</tr>
<tr>
<td>Asian</td>
<td>10.5%</td>
<td>4.7%</td>
</tr>
<tr>
<td>White</td>
<td>11.7%</td>
<td>7.9%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>7.9%</td>
<td>10.7%</td>
</tr>
<tr>
<td>Hawaiian</td>
<td>0.0%</td>
<td>5.3%</td>
</tr>
<tr>
<td>Other</td>
<td>8.0%</td>
<td>9.3%</td>
</tr>
<tr>
<td>Unknown</td>
<td>17.4%</td>
<td>9.7%</td>
</tr>
</tbody>
</table>
Gonorrhea Positivity by Race/Ethnicity, all NMDOH Test Sites, 2020 - 2021

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<tbody>
<tr>
<td>American Indian/Alaska Native</td>
<td>5.0%</td>
<td>7.8%</td>
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<tr>
<td>Black/African American</td>
<td>4.9%</td>
<td>12.7%</td>
</tr>
<tr>
<td>Asian</td>
<td>9.9%</td>
<td>10.9%</td>
</tr>
<tr>
<td>White</td>
<td>5.3%</td>
<td>5.8%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>4.9%</td>
<td>5.7%</td>
</tr>
<tr>
<td>Hawaiian</td>
<td>14.3%</td>
<td>10.5%</td>
</tr>
<tr>
<td>Other</td>
<td>12.5%</td>
<td>4.7%</td>
</tr>
<tr>
<td>Unknown</td>
<td>3.6%</td>
<td>1.7%</td>
</tr>
</tbody>
</table>
Thanks to the entire STD Program team for their hard work ensuring quality STD surveillance and data to demonstrate and respond to disease trends.

Cari Riley – Lead Surveillance Coordinator
Lewis Smith – STD Surveillance Coordinator
Henry Atencio – STD Section Clerk

A special thank you to bureau leadership for their support in continuing best practices to respond to STD.

Andrew Gans, MPH – HIV, STD and Hepatitis Section Manager
Dan Burke – Infectious Disease Bureau Chief
Dr. Miranda Durham – IDB Medical Director

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