New Mexico STD Program
Summary of Surveillance Data: 2022

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Data Sources

• Data sources for all following slides come from the PRISM database, IBIS for New Mexico rates, CDC Surveillance Reports for US rates.
Chlamydia Rates: New Mexico and United States (US), 1989 - 2022

Cases per 100,000 Population

Year


NM
US

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Chlamydia Rates by Sex
New Mexico, 2000 - 2022

NM Male CT Rate
110.9 135.3 158.1 158.5 226.7 220.9 243.7 245.7 228.5 248.5 292.6 297.7 307.7 309.5 300.7 327.4 364.1 406.2 415.7 421.9 350.3 376.2 345.0

NM Female CT Rate
450.5 521.8 623.7 621.9 707.3 643.8 749.1 699.5 685.9 678.2 834.5 789.8 832.2 851.1 785.2 871.5 876.8 879.2 914.5 933.6 778.2 792.8 704.9

Case Rate per 100,000 Population
0 200 400 600 800 1,000


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Chlamydia Rates by Age Group
New Mexico, 2020 - 2022

NMDOH
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56% of reported chlamydia cases are among persons aged 15-24 years.
33% of reported gonorrhea cases are among persons aged 15-24 years, i.e. gonorrhea cases tend to skew a bit older.
Chlamydia Rates per 100,000 population by Region, New Mexico, 2022

- Northwest: 619
- Metro: 591
- Northeast: 395
- Southwest: 516
- Southeast: 413
Percent of Chlamydia Cases by Diagnosing Provider Type, 2022

- STD Clinic: 11%
- Private Physician/HMO: 44%
- Indian Health Service: 5%
- Family Planning/Planned Parenthood: 4%
- Emergency room/Urgent Care Facility: 9%
- Hospital - Other: 15%
- Laboratory: 2%
- Correctional Facility: 2%
- School-based Clinic: 2%
- Other: 1%
- Missing/Unknown: 1%

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New Mexico Department of Health
Gonorrhea Rates New Mexico and US, 1972 - 2022

Cases per 100,000 Population

Year

NM Gonorrhea Rate
US Gonorrhea Rate

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New Mexico saw a 11.2% increase from 2020 to 2021 and 18.3% decrease from 2021 to 2022.

New Mexico ranked 20th in the nation in 2022.
Gonorrhea Rates by Age Group
New Mexico, 2021 - 2022

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

2021 2022
Gonorrhea Rates by Race/Ethnicity
New Mexico, 2021 - 2022

American Indian/Alaska Native
Asian or Pacific Islander
Black/African American
Hispanic
White, non-Hispanic

2021: 335.9, 84.5, 444.5, 178.4, 105.9
2022: 300.1, 87.1, 374.8, 137.3, 81.3

Cases per 100,000 Population

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Gonorrhea Rates per 100,000 population by County, New Mexico, 2022
Gonorrhea Rates per 100,000 population by Region, New Mexico, 2022
Percent of Gonorrhea Cases by Diagnosing Provider Type, New Mexico, 2022

- STD Clinic: 16%
- Private Physician/HMO: 35%
- Indian Health Service: 5%
- Emergency room/Urgent Care: 13%
- Family Planning/Planned Parenthood: 2%
- Laboratory: 4%
- Correctional Facility: 3%
- Hospital - Other: 18%
- School-based Clinic: 1%
- Missing/Unknown: 1%
- Other: 1%

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Rates of Primary and Secondary Syphilis
New Mexico and US, 2000 - 2022

In 2021 and 2022, NM ranked 2nd in the nation for Primary and Secondary Syphilis

NMDOH
NEW MEXICO DEPARTMENT OF HEALTH
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Primary and Secondary Syphilis Cases by Sex, New Mexico, 2000-2022
Percentage of cases of Primary, Secondary, and Early Latent Syphilis Among Men, by Gender of Partner
New Mexico, 2005 - 2022

% of Cases


MSM  Sex with Female  Unknown

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Primary, Secondary, and Early Latent Syphilis Rates by Race/Ethnicity, NM, 2021 – 2022

Cases per 100,000 Population

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Indian/Alaska Native</td>
<td>98.1</td>
<td>119.2</td>
</tr>
<tr>
<td>Asian or Pacific Islander</td>
<td>7.7</td>
<td>20.5</td>
</tr>
<tr>
<td>Black/African American</td>
<td>41.0</td>
<td>67.6</td>
</tr>
<tr>
<td>Hispanic</td>
<td>38.2</td>
<td>42.3</td>
</tr>
<tr>
<td>White, non-Hispanic</td>
<td>18.1</td>
<td>23.2</td>
</tr>
</tbody>
</table>
Primary, Secondary, and Early Latent Syphilis Rates by Age Group, Males
New Mexico, 2021 - 2022
Primary, Secondary, and Early Latent Syphilis Rates by Age Group, Females
New Mexico, 2021 - 2022

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

2021
2022
The most urgent issue with respect to transmission has been the dramatic rise in congenital syphilis cases since 2018.

In 2022, New Mexico ranked 1st in the nation in congenital syphilis.
Congenital Syphilis rates in infants<1 year, per 100,000 live births, New Mexico and US, and Primary and Secondary Syphilis rates in women aged 15 - 44, per 100,000 population New Mexico, 2000 - 2022
Congenital Syphilis **Cases** by Region, 2021 – 2022, New Mexico

<table>
<thead>
<tr>
<th>Region</th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metro</td>
<td>8</td>
<td>22</td>
</tr>
<tr>
<td>Northeast</td>
<td>6</td>
<td>5</td>
</tr>
<tr>
<td>Northwest</td>
<td>10</td>
<td>18</td>
</tr>
<tr>
<td>Southeast</td>
<td>12</td>
<td>15</td>
</tr>
<tr>
<td>Southwest</td>
<td>8</td>
<td>16</td>
</tr>
</tbody>
</table>
Congenital Syphilis Rates by Region, 2021 – 2022, New Mexico

Case rates per 100,000 live births

- Metro
- Northeast
- Northwest
- Southeast
- Southwest

2021 2022
Primary, Secondary, and Early Latent Syphilis Rates per 100,000 population by County, New Mexico, 2022
Primary, Secondary, and Early Latent Syphilis Cases by County, New Mexico, 2022
Primary, Secondary, and Early Latent Syphilis Rates per 100,000 population by Region, New Mexico, 2022

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Percent of Primary, Secondary and Early Latent Syphilis Cases by Diagnosing Provider
New Mexico, 2022

- STD Clinic: 29%
- Private Physician/HMO: 6%
- Indian Health Service: 8%
- Hospital Emergency room/Urgent Care Facility: 6%
- Laboratory: 6%
- Hospital - Other: 3%
- Correctional Facility: 4%
- Family Planning/Planned Parenthood: 1%
- Other: 1%
- Unknown/ Missing: 1%
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
Miki Griego – STD Surveillance Coordinator
Yadet Duran – Health Educator
Gerardo Pacheco – STD Surveillance Coordinator

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

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Dr. Miranda Durham – IDB Medical Director