

Rural & Frontier Counties

2020 STD Fast Facts

Nevada Division of Public and Behavioral Health

Office of Public Health Investigations and Epidemiology

Sexually Transmitted Disease (STD) Prevention and Control Program



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PURPOSE

The purpose of the *Rural & Frontier Counties 2020 STD Fast Facts* report is to provide an analysis on all sexually transmitted diseases (STD) reported in 2020 in Rural and Frontier Counties. This annual publication is meant as a reference document for policymakers, program managers, health planners, researchers, and community members concerned with the public health implications of the diseases presented. The figures and tables in this edition supersede those in earlier publications.

METHODS

The data used for this profile are between January 1 to December 31, 2020; was obtained from the NEDSS-Based System (NBS). The NBS database application is provided by the Centers for Disease and Control and Prevention (CDC) and maintained by the Division of Public and Behavioral Health (DPBH) for the STD Prevention and Control Program. The data are collected from medical labs, private and public health providers, clinics, and state and local disease intervention specialists (DIS). The STD case definition for this report utilizes the 2019 CDC Case Definitions. Per the CDC, a patient may be infected with multiple diseases at the same time, and while a patient may contract STDs multiple times in the calendar year, only the first incidence of the disease is counted within 30 days.

TECHNICAL NOTES

The rural and frontier counties included in this report are: Carson City, Churchill, Douglas, Elko, Esmeralda, Eureka, Humboldt, Lander, Lincoln, Lyon, Mineral, Nye, Pershing, Storey, and White Pine Counties.

Nevada Administrative Code (NAC) 441A.040 mandates that Chlamydia, Gonorrhea, Syphilis, and congenital Syphilis are reportable communicable diseases. Additionally, Nevada Revised Statute (NRS) 441A.150 requires that a diagnosis of Chlamydia, Gonorrhea, or Syphilis is to be reported to the local health authority by all providers, medical facilities, and laboratories.

Unknown categories (including percentage and incidence calculations) within the report are due to missing data on gender, race/ethnicity, full address, and age. Local health authorities do conduct investigations to complete these cases, but due to limited staff and funding some cases are not complete.

Crude rates are calculated using 2020 population projections from the Nevada State Demographer. Rates are based on per 100,000 persons.

n (used for birth sex stratification) is the basic measure of disease and may not equal the total case count (N) due to unknown demographic information.

N (Total case count) is the total number of disease cases in the population.

N/A (notation) is used to represent cases where the data may not meet the criteria for reliability, data quality, or confidentiality due to small data counts or the inability to calculate data rates based on an equivalent population.

Population is based on the 2020 population projections from the Nevada State Demographer.

RSE (Relative Standard Error), the publication contains counts under 12, please use caution when interpreting the data as the RSE is greater than 30%.



**Division of Public and Behavioral Health, STD Prevention & Control Program
Chlamydia Cases in Rural & Frontier Counties, Nevada, 2020**

| | Total | | | Male | | | Female | | |
|---------------------------------|------------|---------------|--------------|------------|---------------|--------------|------------|---------------|--------------|
| | N | %* | Rate | N | %* | Rate | N | %* | Rate |
| Race/Ethnicity | | | | | | | | | |
| White, non-Hispanic | 509 | 55.9% | 194.1 | 154 | 55.0% | 119.1 | 355 | 56.3% | 267.0 |
| Black, non-Hispanic | 28 | 3.1% | 510.0 | 14 | 5.0% | 364.5 | 14 | 2.2% | 848.9 |
| Hispanic | 147 | 16.1% | 230.8 | 41 | 14.6% | 120.8 | 106 | 16.8% | 356.4 |
| American Indian/Alaska Native | 36 | 4.0% | 273.7 | 9 | 3.2% | 136.9 | 27 | 4.3% | 410.2 |
| Asian/Hawaiian/Pacific Islander | 10 | 1.1% | 135.9 | 2 | 0.7% | 61.6 | 8 | 1.3% | 194.8 |
| Unknown/Other | 181 | 19.9% | N/A | 60 | 21.4% | N/A | 121 | 19.2% | N/A |
| Total | 911 | 100.0% | 258.8 | 280 | 100.0% | 158.3 | 631 | 100.0% | 360.5 |
| Age Group | | | | | | | | | |
| < 9 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| 10-14 | 2 | 0.2% | 9.3 | 1 | 0.4% | 9.3 | 1 | 0.2% | 9.2 |
| 15-19 | 221 | 24.3% | 1,131.6 | 53 | 18.9% | 495.7 | 168 | 26.6% | 1,901.0 |
| 20-24 | 330 | 36.2% | 1,585.1 | 86 | 30.7% | 767.3 | 244 | 38.7% | 2,538.8 |
| 25-29 | 179 | 19.6% | 663.2 | 60 | 21.4% | 434.2 | 119 | 18.9% | 903.5 |
| 30-34 | 91 | 10.0% | 361.4 | 36 | 12.9% | 264.9 | 55 | 8.7% | 474.4 |
| 35-39 | 41 | 4.5% | 231.2 | 20 | 7.1% | 214.8 | 21 | 3.3% | 249.4 |
| 40-44 | 22 | 2.4% | 127.6 | 7 | 2.5% | 80.3 | 15 | 2.4% | 176.0 |
| 45-54 | 13 | 1.4% | 30.2 | 9 | 3.2% | 39.1 | 4 | 0.6% | 19.9 |
| 55-64 | 11 | 1.2% | 23.0 | 8 | 2.9% | 35.1 | 3 | 0.5% | 12.0 |
| 65+ | 1 | 0.1% | 1.3 | 0 | 0.0% | 0.0 | 1 | 0.2% | 2.4 |
| Unknown | 0 | 0.0% | N/A | 0 | 0.0% | N/A | 0 | 0.0% | N/A |
| Total | 911 | 100.0% | 258.8 | 280 | 100.0% | 158.3 | 631 | 100.0% | 360.5 |

Source: Division of Public and Behavioral Health, NEDSS Based System (NBS), data as of December 2021.

*Percent may not equal 100% due to rounding and unknown counts.

*Due to cases with unknown sex, columns may not add up to totals.



**Division of Public and Behavioral Health, STD Prevention & Control Program
Gonorrhea Cases in Rural & Frontier Counties, Nevada, 2020**

| | Total | | | Male | | | Female | | |
|---------------------------------|------------|---------------|-------------|------------|---------------|-------------|------------|---------------|-------------|
| | N | %* | Rate | N | %* | Rate | N | %* | Rate |
| Race/Ethnicity | | | | | | | | | |
| White, non-Hispanic | 159 | 56.6% | 60.6 | 79 | 54.5% | 61.1 | 79 | 58.5% | 59.4 |
| Black, non-Hispanic | 13 | 4.6% | 236.8 | 8 | 5.5% | 208.3 | 5 | 3.7% | 303.2 |
| Hispanic | 42 | 14.9% | 65.9 | 24 | 16.6% | 70.7 | 18 | 13.3% | 60.5 |
| American Indian/Alaska Native | 20 | 7.1% | 152.0 | 5 | 3.4% | 76.1 | 15 | 11.1% | 227.9 |
| Asian/Hawaiian/Pacific Islander | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Unknown/Other | 47 | 16.7% | N/A | 29 | 20.0% | N/A | 18 | 13.3% | N/A |
| Total | 281 | 100.0% | 79.8 | 145 | 100.0% | 82.0 | 135 | 100.0% | 77.1 |
| Age Group | | | | | | | | | |
| < 9 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| 10-14 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| 15-19 | 25 | 8.9% | 128.0 | 12 | 8.3% | 112.2 | 13 | 9.6% | 147.1 |
| 20-24 | 69 | 24.6% | 331.4 | 30 | 20.7% | 267.7 | 39 | 28.9% | 405.8 |
| 25-29 | 76 | 27.0% | 281.6 | 41 | 28.3% | 296.7 | 35 | 25.9% | 265.7 |
| 30-34 | 46 | 16.4% | 182.7 | 25 | 17.2% | 184.0 | 21 | 15.6% | 181.1 |
| 35-39 | 33 | 11.7% | 186.1 | 19 | 13.1% | 204.0 | 14 | 10.4% | 166.3 |
| 40-44 | 15 | 5.3% | 87.0 | 7 | 4.8% | 80.3 | 8 | 5.9% | 93.9 |
| 45-54 | 10 | 3.6% | 23.2 | 8 | 5.5% | 34.8 | 2 | 1.5% | 10.0 |
| 55-64 | 5 | 1.8% | 10.5 | 2 | 1.4% | 8.8 | 2 | 1.5% | 8.0 |
| 65+ | 1 | 0.4% | 1.3 | 1 | 0.7% | 2.9 | 0 | 0.0% | 0.0 |
| Unknown | 1 | 0.4% | N/A | 0 | 0.0% | N/A | 1 | 0.7% | N/A |
| Total | 281 | 100.0% | 79.8 | 145 | 100.0% | 82.0 | 135 | 100.0% | 77.1 |

Source: Division of Public and Behavioral Health, NEDSS Based System (NBS), data as of December 2021.

*Percent may not equal 100% due to rounding and unknown counts.

*Due to cases with unknown sex, columns may not add up to totals.



**Division of Public and Behavioral Health, STD Prevention & Control Program
Primary & Secondary Syphilis Cases in Rural & Frontier Counties, Nevada,
2020**

| | Total | | | Male | | | Female | | |
|---------------------------------|-----------|---------------|------------|-----------|---------------|------------|----------|---------------|------------|
| | N | %* | Rate | N | %* | Rate | N | %* | Rate |
| Race/Ethnicity | | | | | | | | | |
| White, non-Hispanic | 10 | 47.6% | 3.8 | 8 | 50.0% | 6.2 | 2 | 40.0% | 1.5 |
| Black, non-Hispanic | 1 | 4.8% | 18.2 | 1 | 6.3% | 26.0 | 0 | 0.0% | 0.0 |
| Hispanic | 6 | 28.6% | 9.4 | 4 | 25.0% | 11.8 | 2 | 40.0% | 6.7 |
| American Indian/Alaska Native | 1 | 4.8% | 7.6 | 0 | 0.0% | 0.0 | 1 | 20.0% | 15.2 |
| Asian/Hawaiian/Pacific Islander | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Unknown/Other | 3 | 14.3% | N/A | 3 | 18.8% | N/A | 0 | 0.0% | N/A |
| Total | 21 | 100.0% | 6.0 | 16 | 100.0% | 9.0 | 5 | 100.0% | 2.9 |
| Age Group | | | | | | | | | |
| < 9 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| 10-14 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| 15-19 | 1 | 4.8% | 5.1 | 1 | 6.3% | 9.4 | 0 | 0.0% | 0.0 |
| 20-24 | 7 | 33.3% | 33.6 | 4 | 25.0% | 35.7 | 3 | 60.0% | 31.2 |
| 25-29 | 2 | 9.5% | 7.4 | 2 | 12.5% | 14.5 | 0 | 0.0% | 0.0 |
| 30-34 | 1 | 4.8% | 4.0 | 1 | 6.3% | 7.4 | 0 | 0.0% | 0.0 |
| 35-39 | 1 | 4.8% | 5.6 | 1 | 6.3% | 10.7 | 0 | 0.0% | 0.0 |
| 40-44 | 2 | 9.5% | 11.6 | 1 | 6.3% | 11.5 | 1 | 20.0% | 11.7 |
| 45-54 | 3 | 14.3% | 7.0 | 3 | 18.8% | 13.0 | 0 | 0.0% | 0.0 |
| 55-64 | 3 | 14.3% | 6.3 | 2 | 12.5% | 8.8 | 1 | 20.0% | 4.0 |
| 65+ | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Unknown | 1 | 4.8% | N/A | 1 | 6.3% | N/A | 0 | 0.0% | N/A |
| Total | 21 | 100.0% | 6.0 | 16 | 100.0% | 9.0 | 5 | 100.0% | 2.9 |

Source: Division of Public and Behavioral Health, NEDSS Based System (NBS), data as of December 2021.

*Percent may not equal 100% due to rounding and unknown counts.

*Due to cases with unknown sex, columns may not add up to totals.



**Division of Public and Behavioral Health, STD Prevention & Control Program
Early Latent Syphilis Cases in Rural & Frontier Counties, Nevada, 2020**

| | Total | | | Male | | | Female | | |
|---------------------------------|----------|---------------|------------|----------|---------------|------------|----------|-------------|------------|
| | N | %* | Rate | N | %* | Rate | N | %* | Rate |
| Race/Ethnicity | | | | | | | | | |
| White, non-Hispanic | 1 | 25.0% | 0.4 | 1 | 25.0% | 0.8 | 0 | 0.0% | 0.0 |
| Black, non-Hispanic | 1 | 25.0% | 18.2 | 1 | 25.0% | 26.0 | 0 | 0.0% | 0.0 |
| Hispanic | 1 | 25.0% | 1.6 | 1 | 25.0% | 2.9 | 0 | 0.0% | 0.0 |
| American Indian/Alaska Native | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Asian/Hawaiian/Pacific Islander | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Unknown/Other | 1 | 25.0% | N/A | 1 | 25.0% | N/A | 0 | 0.0% | N/A |
| Total | 4 | 100.0% | 1.1 | 4 | 100.0% | 2.3 | 0 | 0.0% | 0.0 |
| Age Group | | | | | | | | | |
| < 9 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| 10-14 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| 15-19 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| 20-24 | 1 | 25.0% | 4.8 | 1 | 25.0% | 8.9 | 0 | 0.0% | 0.0 |
| 25-29 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| 30-34 | 1 | 25.0% | 4.0 | 1 | 25.0% | 7.4 | 0 | 0.0% | 0.0 |
| 35-39 | 1 | 25.0% | 5.6 | 1 | 25.0% | 10.7 | 0 | 0.0% | 0.0 |
| 40-44 | 1 | 25.0% | 5.8 | 1 | 25.0% | 11.5 | 0 | 0.0% | 0.0 |
| 45-54 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| 55-64 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| 65+ | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Unknown | 0 | 0.0% | N/A | 0 | 0.0% | N/A | 0 | 0.0% | N/A |
| Total | 4 | 100.0% | 1.1 | 4 | 100.0% | 2.3 | 0 | 0.0% | 0.0 |

Source: Division of Public and Behavioral Health, NEDSS Based System (NBS), data as of December 2021.

*Percent may not equal 100% due to rounding and unknown counts.

*Due to cases with unknown sex, columns may not add up to totals.

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